

Initial Calibration Report for SequenceID : FD090624AR

AreaCount

Parameter Range	FD048278.D	FD048279.D	FD048280.D	FD048281.D	FD048282.D	
Aromatic C10-C12	33822843.000	16992105.000	7185463.000	3799457.000	1844716.000	
Aromatic C12-C16	50657949.000	25485259.000	10728832.000	5594117.000	2726208.000	
Aromatic C16-C21	62780166.000	31566500.000	13040960.000	6728582.000	3288917.000	
Aromatic C21-C36	129453788.000	65480240.000	26871093.000	14164223.000	6440928.000	
Aromatic EPH	276714746.000	139524104.000	57826348.000	30286379.000	14300769.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aromatic C10-C12	178623.258	5.086				
Aromatic C12-C16	177158.6379996	4.299				
Aromatic C16-C21	162091.063	2.901				
Aromatic C21-C36	147829.0051108	3.955				
Aromatic EPH	159308.2071108	3.598				

Concentration

Parameter Range	FD048278.D	FD048279.D	FD048280.D	FD048281.D	FD048282.D	
Aromatic C10-C12	200.000	100.000	40.000	20.000	10.000	
Aromatic C12-C16	300.000	150.000	60.000	30.000	15.000	
Aromatic C16-C21	400.000	200.000	80.000	40.000	20.000	
Aromatic C21-C36	900.000	450.000	180.000	90.000	45.000	
Aromatic EPH	1800.000	900.000	360.000	180.000	90.000	

Response Factor

Parameter Range	FD048278.D	FD048279.D	FD048280.D	FD048281.D	FD048282.D	
Aromatic C10-C12	169114.215000	169921.050000	179636.575000	189972.850000	184471.600000	
Aromatic C12-C16	168859.830000	169901.726666	178813.866666	186470.566666	181747.200000	
Aromatic C16-C21	156950.415000	157832.500000	163012.000000	168214.550000	164445.850000	
Aromatic C21-C36	143837.542222	145511.644444	149283.850000	157380.255555	143131.733333	
Aromatic EPH	153730.414444	155026.782222	160628.744444	168257.661111	158897.433333	

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090624AR\
 Data File : FD048278.D
 Signal(s) : FID2B.ch
 Acq On : 06 Sep 2024 08:26
 Operator : YP/AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/09/2024
 Supervised By :Ankita Jodhani 09/09/2024

Integration File: autoint1.e
 Quant Time: Sep 06 10:20:22 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090624.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 06 10:19:09 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.397	14576847	95.183 ug/ml
Spiked Amount 50.000		Recovery =	190.37%
6) S 2-Fluorobiphenyl (SURR)	8.248	9654628	97.415 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	194.83%#
11) S ortho-Terphenyl (SURR)	11.287	16309357	94.263 ug/ml
Spiked Amount 50.000		Recovery =	188.53%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.216	16631674	94.071 ug/ml
2) T Naphthalene (C11.7)	5.737	17191169	94.211 ug/ml
3) T 2-Methylnaphthalene (...)	6.785	17171474	95.455 ug/ml
5) T Acenaphthylene (C15.06)	8.053	16698789	94.565 ug/ml
7) T Acenaphthene (C15.5)	8.350	16787686	93.283 ug/ml
8) T Flouorene (C16.55)	9.127	16245210	95.206 ug/ml
9) T Phenanthrene (C19.36)	10.516	15881369	97.427 ug/ml
10) T Anthracene (C19.43)	10.592	15249702	96.752 ug/ml
12) T Fluoranthene (C21.85)	12.321	15551466	95.934 ug/ml
13) T Pyrene (C20.8)	12.616	15403885	95.801 ug/ml
14) T Benzo[a]anthracene (C...	14.484	14511099	100.499 ug/ml
15) T Chrysene (C27.41)	14.530	14856353	91.449 ug/ml
16) T benzo[b]fluoranthene ...	16.033	14948599	98.112 ug/ml
17) T Bnezo[k]fluoranthene ...	16.072	14049118	93.248 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.412	14583345	96.652 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.775	13350893	118.047 ug/ml
20) T Dibenz[a,h]anthracene...	17.817	13338306	84.078 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.033	14264609	95.767 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090624AR\
Data File : FD048278.D
Signal(s) : FID2B.ch
Acq On : 06 Sep 2024 08:26
Operator : YP/AJ
Sample : 100 PPM AROMATIC HC STD1
Misc :
ALS Vial : 61 Sample Multiplier: 1

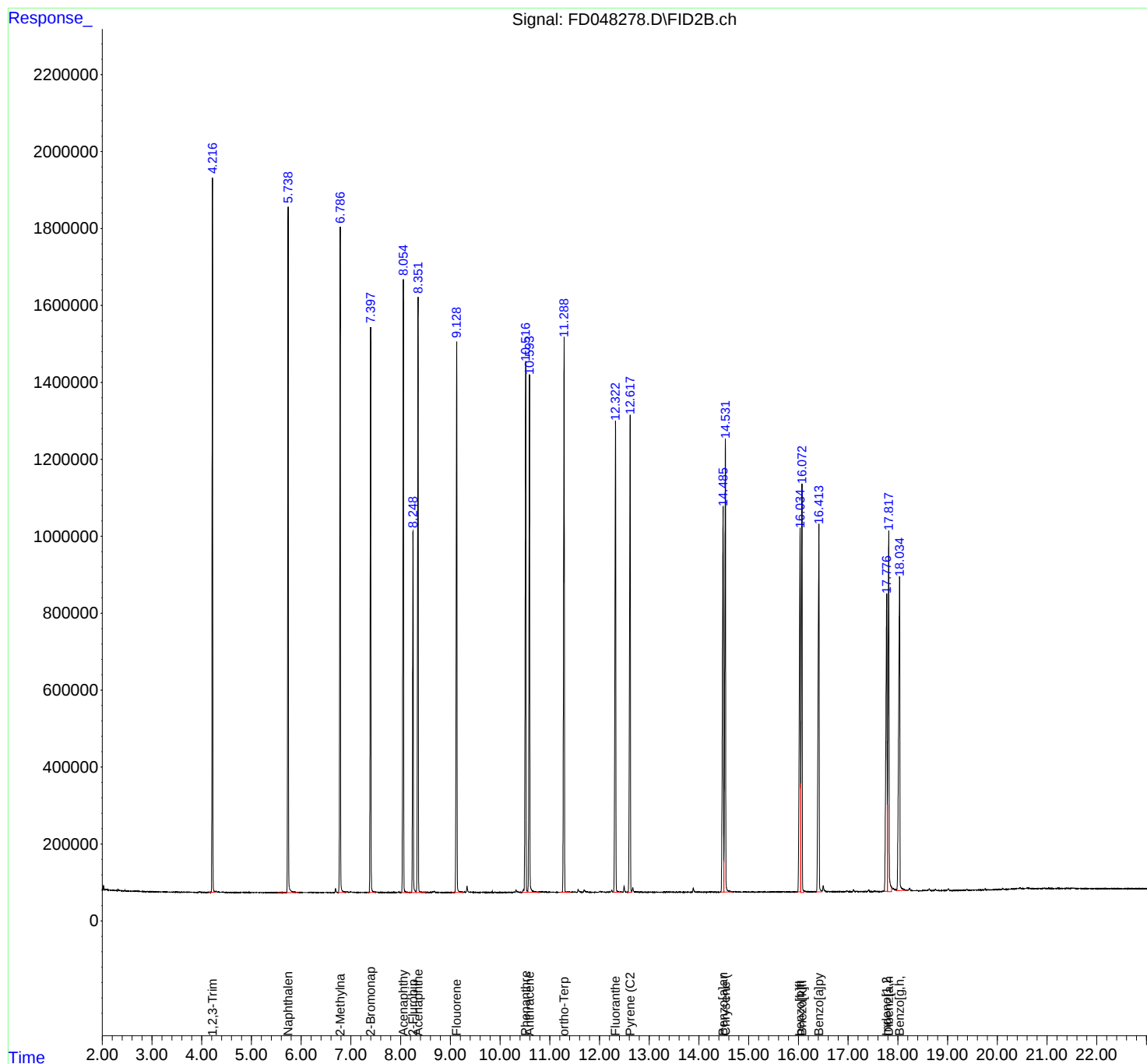
Instrument :
FID_D
ClientSampleId :
100 PPM AROMATIC HC STD1

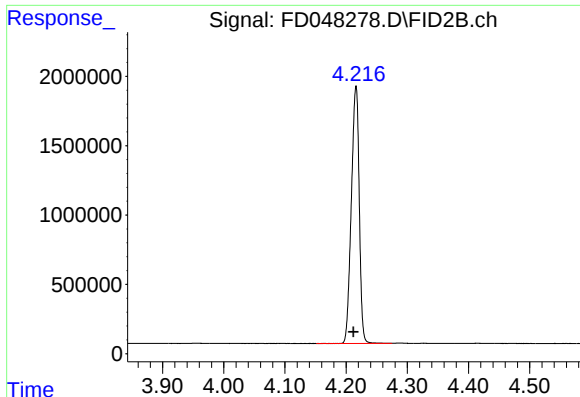
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024

Integration File: autoint1.e
Quant Time: Sep 06 10:20:22 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090624.M
Quant Title : GC Extractables
QLast Update : Fri Sep 06 10:19:09 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.216 min
Delta R.T.: 0.004 min
Response: 16631674
Conc: 94.07 ug/ml

Instrument :

FID_D

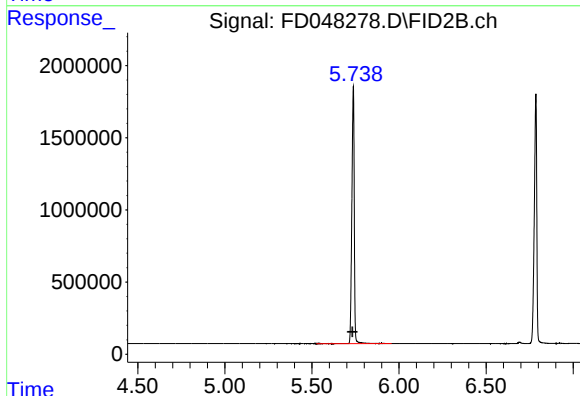
ClientSampleId :

100 PPM AROMATIC HC STD1

Manual Integrations

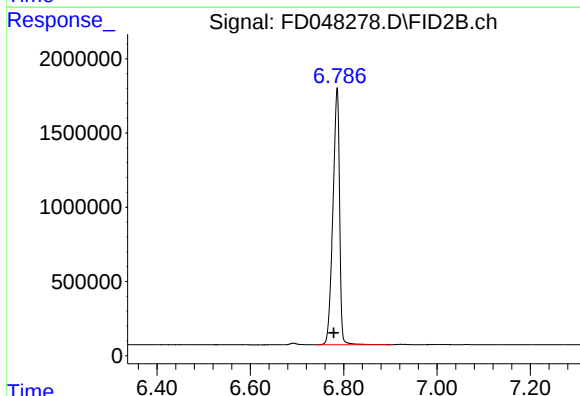
APPROVED

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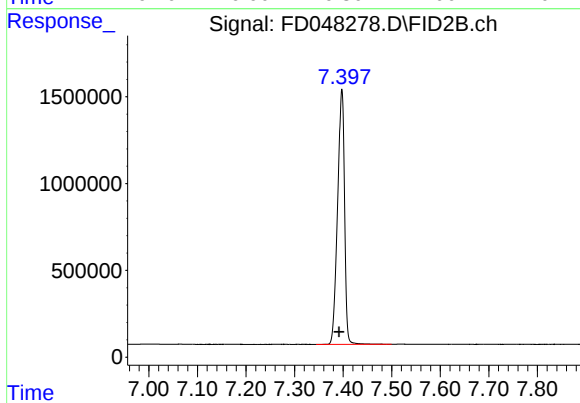
#2 Naphthalene (C11.7)

R.T.: 5.737 min
Delta R.T.: 0.005 min
Response: 17191169
Conc: 94.21 ug/ml



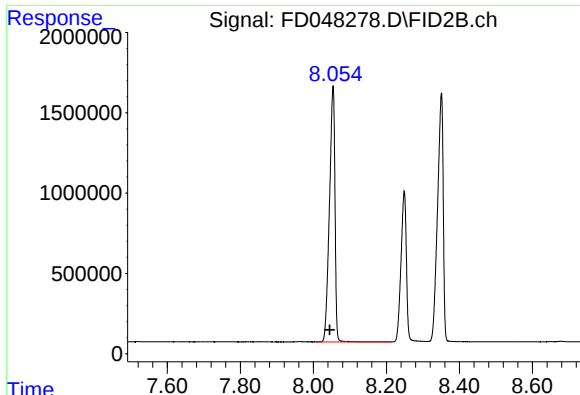
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.785 min
Delta R.T.: 0.006 min
Response: 17171474
Conc: 95.45 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.397 min
Delta R.T.: 0.005 min
Response: 14576847
Conc: 95.18 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.053 min
Delta R.T.: 0.009 min
Response: 16698789
Conc: 94.57 ug/ml

Instrument :

FID_D

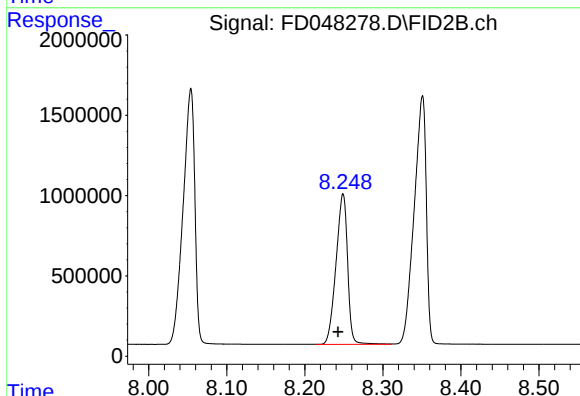
ClientSampleId :

100 PPM AROMATIC HC STD1

Manual Integrations

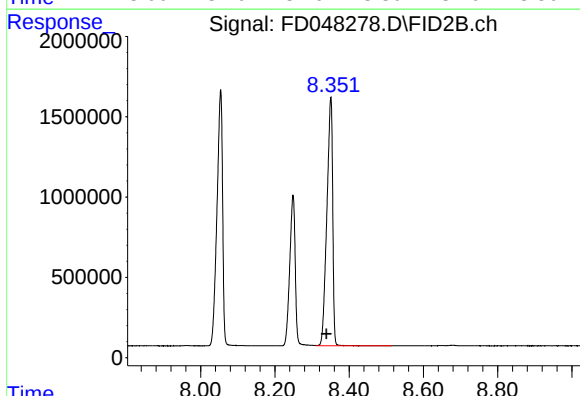
APPROVED

Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024



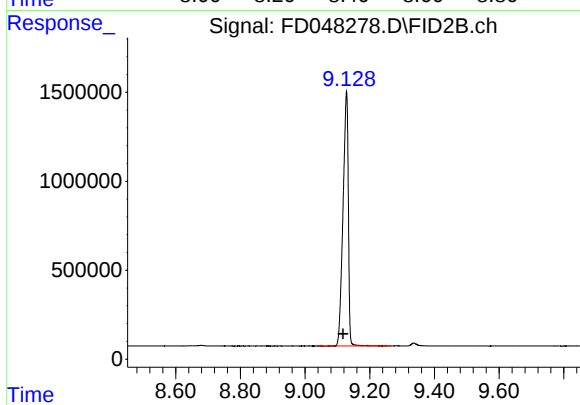
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.248 min
Delta R.T.: 0.006 min
Response: 9654628
Conc: 97.41 ug/ml



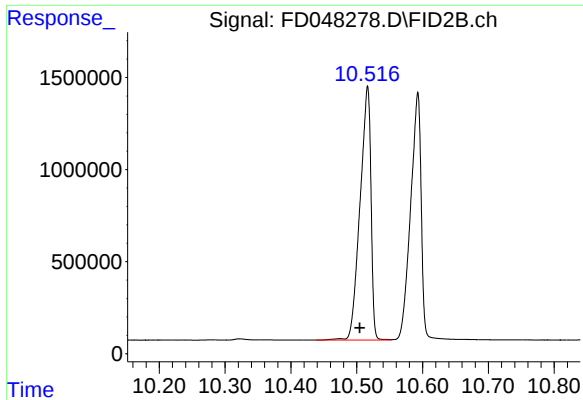
#7 Acenaphthene (C15.5)

R.T.: 8.350 min
Delta R.T.: 0.011 min
Response: 16787686
Conc: 93.28 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.127 min
Delta R.T.: 0.010 min
Response: 16245210
Conc: 95.21 ug/ml



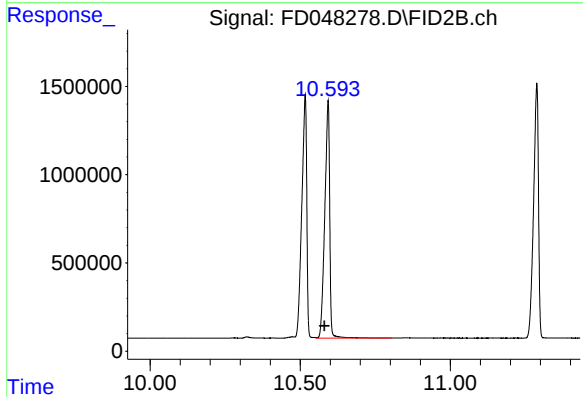
#9 Phenanthrene (C19.36)

R.T.: 10.516 min
Delta R.T.: 0.011 min
Response: 15881369
Conc: 97.43 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM AROMATIC HC STD1

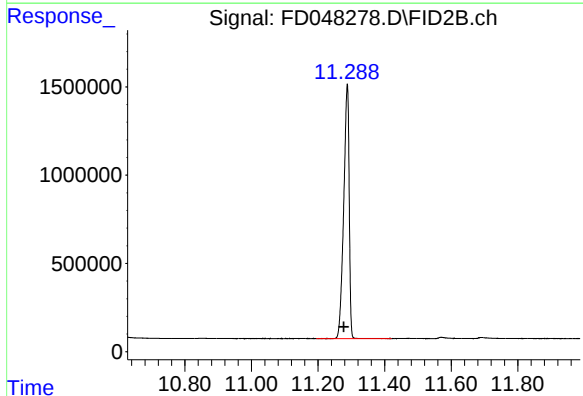
Manual Integrations
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Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024



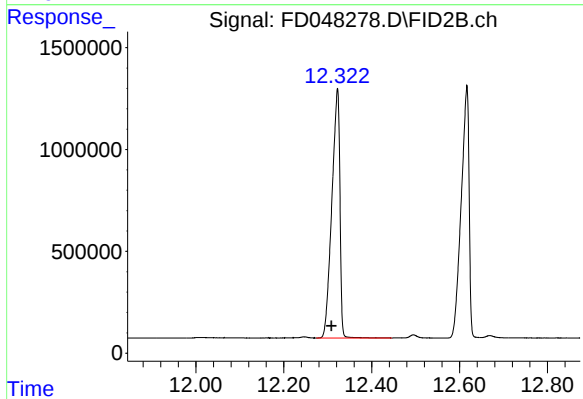
#10 Anthracene (C19.43)

R.T.: 10.592 min
Delta R.T.: 0.012 min
Response: 15249702
Conc: 96.75 ug/ml



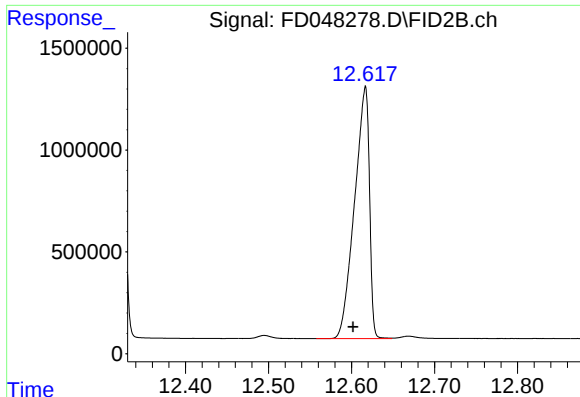
#11 ortho-Terphenyl (SURR)

R.T.: 11.287 min
Delta R.T.: 0.010 min
Response: 16309357
Conc: 94.26 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.321 min
Delta R.T.: 0.013 min
Response: 15551466
Conc: 95.93 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.616 min
Delta R.T.: 0.014 min
Response: 15403885
Conc: 95.80 ug/ml

Instrument :

FID_D

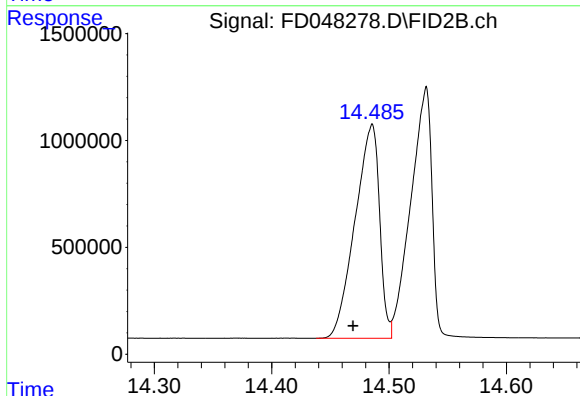
ClientSampleId :

100 PPM AROMATIC HC STD1

Manual Integrations

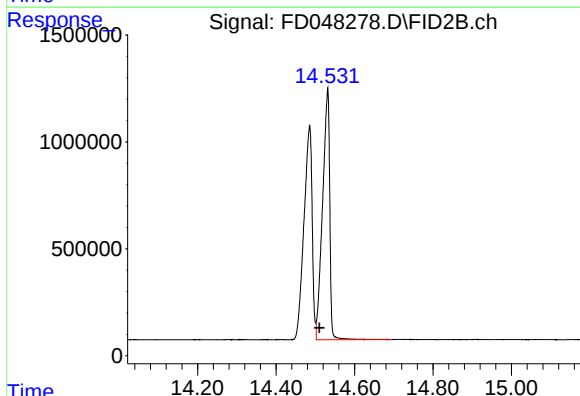
APPROVED

Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024



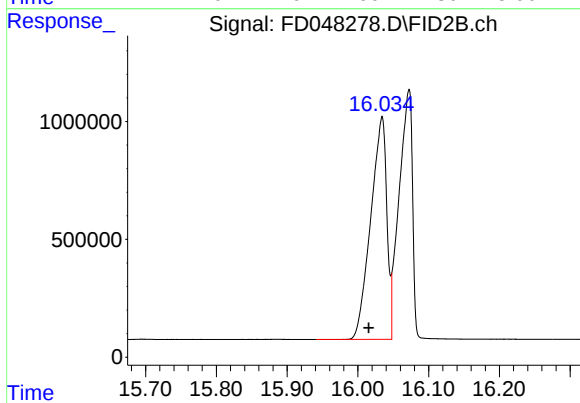
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.484 min
Delta R.T.: 0.015 min
Response: 14511099
Conc: 100.50 ug/ml



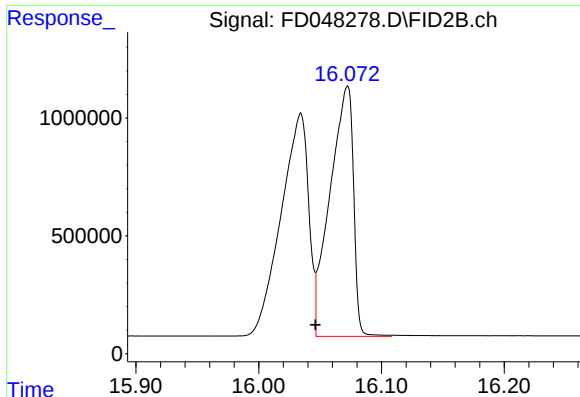
#15 Chrysene (C27.41)

R.T.: 14.530 min
Delta R.T.: 0.020 min
Response: 14856353
Conc: 91.45 ug/ml



#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.033 min
Delta R.T.: 0.018 min
Response: 14948599
Conc: 98.11 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.072 min
Delta R.T.: 0.026 min
Response: 14049118
Conc: 93.25 ug/ml

Instrument :

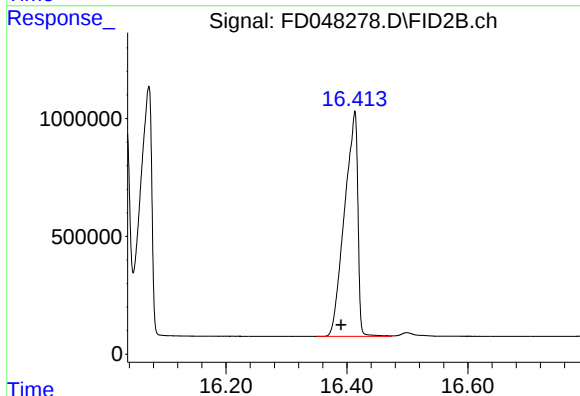
FID_D

ClientSampleId :

100 PPM AROMATIC HC STD1

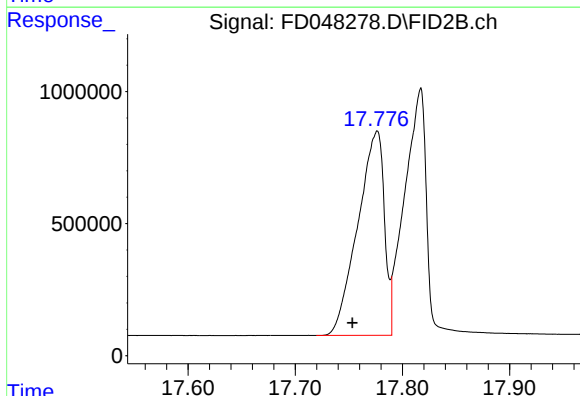
Manual Integrations
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Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024



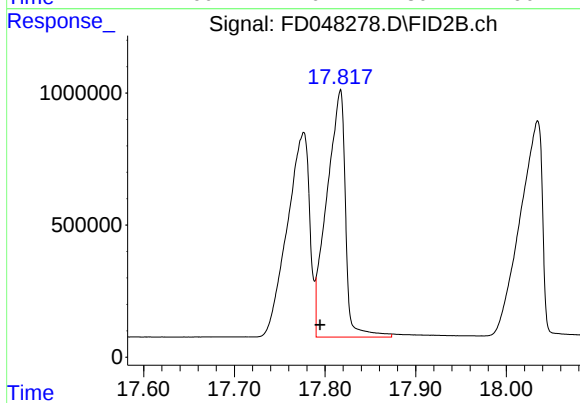
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.412 min
Delta R.T.: 0.021 min
Response: 14583345
Conc: 96.65 ug/ml



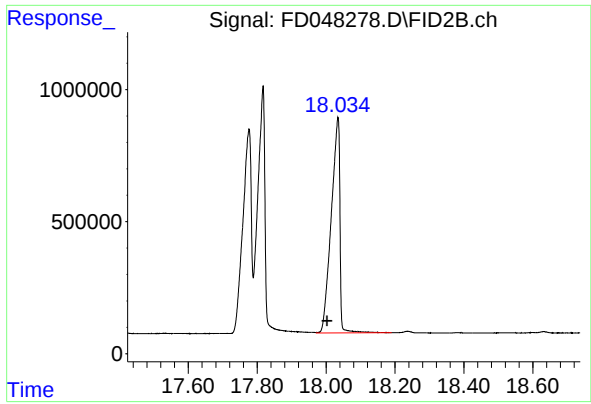
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.775 min
Delta R.T.: 0.022 min
Response: 13350893
Conc: 118.05 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.817 min
Delta R.T.: 0.022 min
Response: 13338306
Conc: 84.08 ug/ml m



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.033 min
Delta R.T.: 0.030 min
Response: 14264609
Conc: 95.77 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM AROMATIC HC STD1

Manual Integrations
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rteres

Instrument :
FID_D
LabSampleId :
100 PPM AROMATIC HC STD1

Area Percent

Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data
Data File : FD048278.D
Signal(s) : FID2B.ch
Acq On : 06 Sep 2024 08:26
Sample : 100 PPM AROMATIC HC STD1
Misc :
ALS Vial : 61 Sample Multiplier: 1

Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH
090624.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.216	4.151	4.274	BV	1831327	16631674	96.75%	5.240%
2	5.737	5.524	5.958	BV	1798018	17191169	100.00%	5.416%
3	6.785	6.741	6.903	VV	1702042	17171474	99.89%	5.410%
4	7.397	7.344	7.500	BV	1484976	14576847	84.79%	4.593%
5	8.053	8.008	8.214	VV	1619796	16698789	97.14%	5.261%
6	8.248	8.214	8.311	VV	930036	9654628	56.16%	3.042%
7	8.350	8.311	8.514	VV	1579823	16787686	97.65%	5.289%
8	9.127	9.034	9.268	BV	1433774	16245210	94.50%	5.118%
9	10.516	10.438	10.553	PV	1343707	15881369	92.38%	5.004%
10	10.592	10.553	10.804	VV	1314441	15249702	88.71%	4.805%
11	11.287	11.194	11.421	BB	1446721	16309357	94.87%	5.139%
12	12.321	12.274	12.445	VV	1212183	15551466	90.46%	4.900%
13	12.616	12.557	12.648	PV	1207541	15403885	89.60%	4.853%
14	14.484	14.438	14.502	PV	993209	14511099	84.41%	4.572%
15	14.530	14.502	14.694	VV	1174563	14856353	86.42%	4.681%
16	16.033	15.941	16.048	BV	952481	14948599	86.96%	4.710%
17	16.071	16.048	16.188	VB	1056663	13885447	80.77%	4.375%
18	16.412	16.349	16.474	PV	929530	14583345	84.83%	4.595%
19	17.775	17.720	17.790	VV	766013	13350893	77.66%	4.206%
20	17.816	17.790	17.971	VV	911824	13635628	79.32%	4.296%
21	18.033	17.971	18.190	VV	825320	14264609	82.98%	4.494%
Sum of corrected areas:						317389230		

Aromatic EPH 090624.M Sat Sep 07 00:34:26 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090624AR\
 Data File : FD048279.D
 Signal(s) : FID2B.ch
 Acq On : 06 Sep 2024 09:03
 Operator : YP/AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Sep 06 10:21:50 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090624.M
 Quant Title : GC Extractables
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 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.393	7372684	49.330 ug/ml
Spiked Amount 50.000		Recovery =	98.66%
6) S 2-Fluorobiphenyl (SURR)	8.244	4804768	49.115 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	98.23%
11) S ortho-Terphenyl (SURR)	11.281	8254651	49.118 ug/ml
Spiked Amount 50.000		Recovery =	98.24%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.213	8353992	48.695 ug/ml
2) T Naphthalene (C11.7)	5.733	8638113	48.750 ug/ml
3) T 2-Methylnaphthalene (...)	6.781	8611762	48.985 ug/ml
5) T Acenaphthylene (C15.06)	8.047	8415009	48.985 ug/ml
7) T Acenaphthene (C15.5)	8.343	8458488	48.634 ug/ml
8) T Flouorene (C16.55)	9.121	8160794	49.001 ug/ml
9) T Phenanthrene (C19.36)	10.508	7963793	49.492 ug/ml
10) T Anthracene (C19.43)	10.584	7671918	49.478 ug/ml
12) T Fluoranthene (C21.85)	12.313	7821636	49.251 ug/ml
13) T Pyrene (C20.8)	12.607	7769995	49.360 ug/ml
14) T Benzo[a]anthracene (C...	14.475	7256084	50.128 ug/ml
15) T Chrysene (C27.41)	14.518	7584615	48.773 ug/ml
16) T benzo[b]fluoranthene ...	16.022	7497351	49.676 ug/ml
17) T Bnezo[k]fluoranthene ...	16.057	7194031	49.417 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.398	7382253	49.759 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.762	6277119	50.908 ug/ml
20) T Dibenz[a,h]anthracene...	17.800	7229026	49.510 ug/ml
21) T Benzo[g,h,i]perylene ...	18.015	7238125	49.645 ug/ml

(f)=RT Delta > 1/2 Window

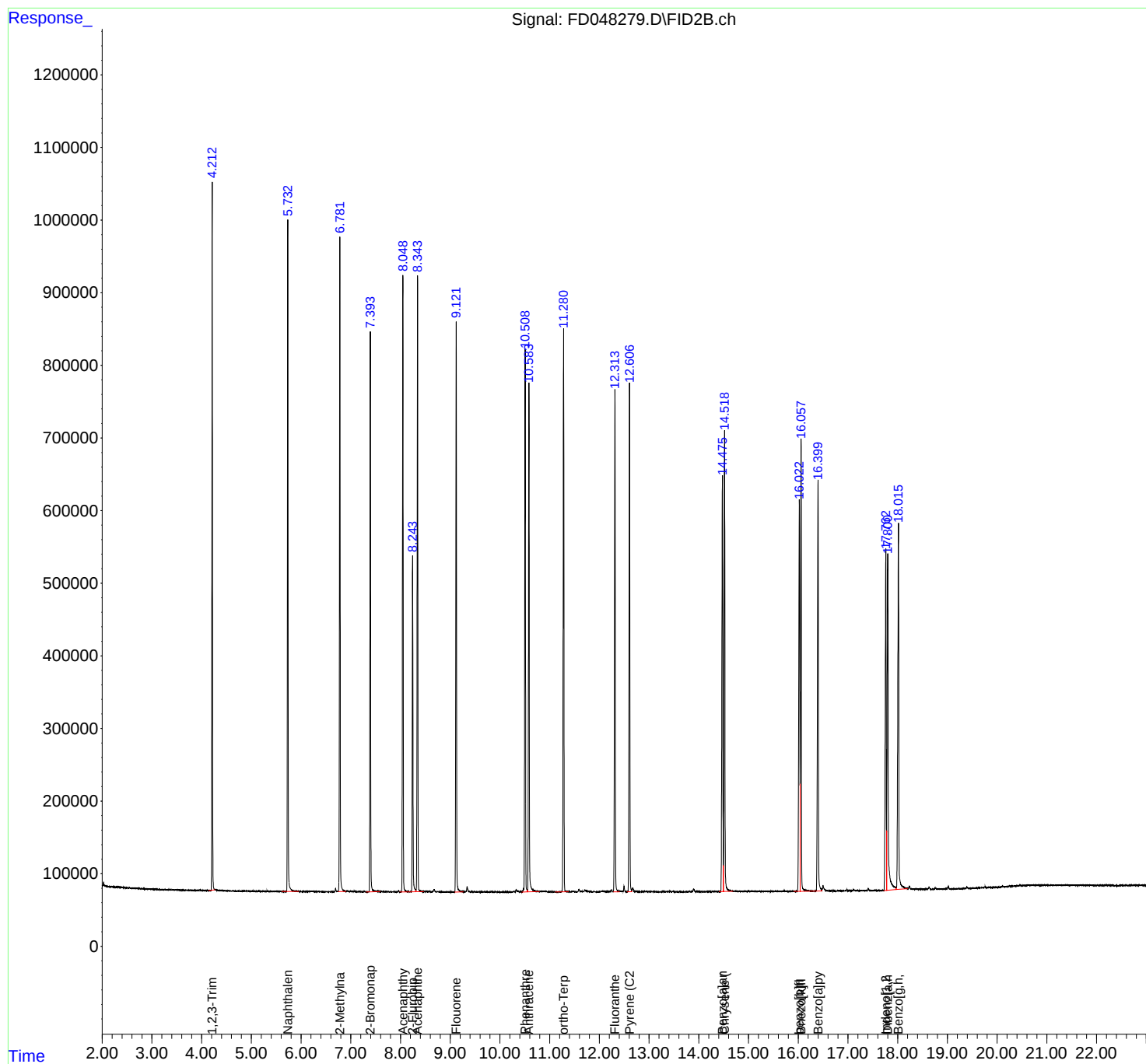
(m)=manual int.

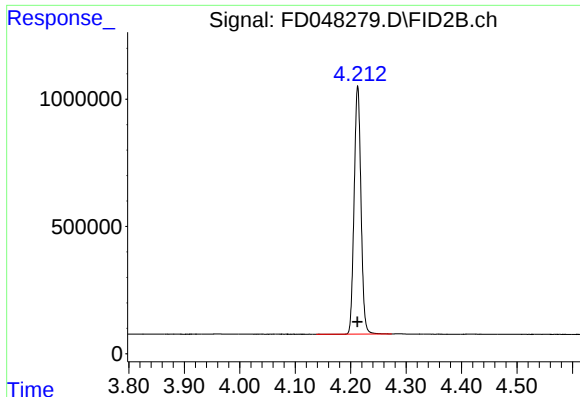
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090624AR\
Data File : FD048279.D
Signal(s) : FID2B.ch
Acq On : 06 Sep 2024 09:03
Operator : YP/AJ
Sample : 50 PPM AROMATIC HC STD2
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2

Integration File: autoint1.e
Quant Time: Sep 06 10:21:50 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090624.M
Quant Title : GC Extractables
QLast Update : Fri Sep 06 10:19:09 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

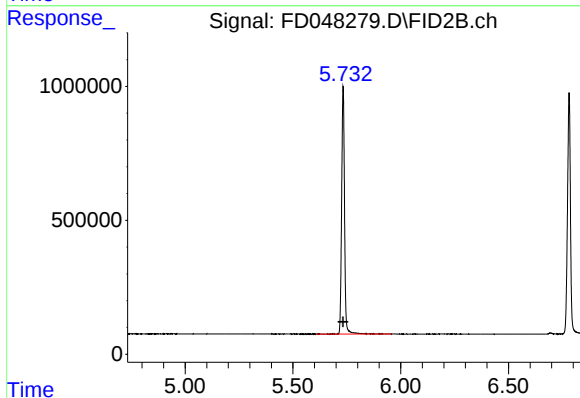




#1 1,2,3-Trimethylbenzene (C10.1)

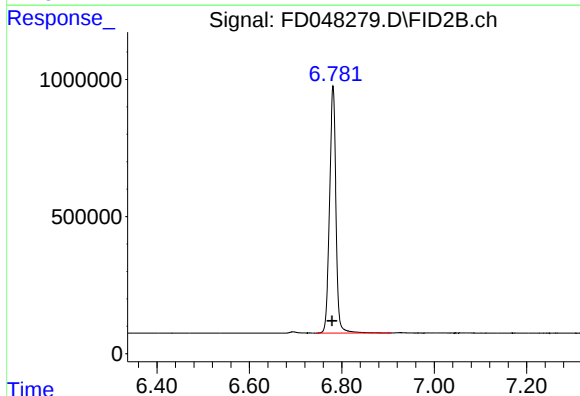
R.T.: 4.213 min
Delta R.T.: 0.000 min
Response: 8353992
Conc: 48.69 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



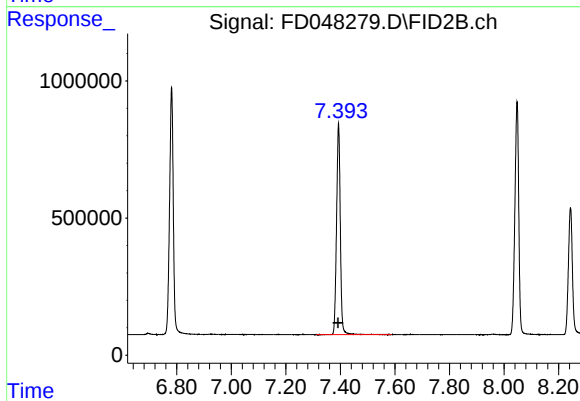
#2 Naphthalene (C11.7)

R.T.: 5.733 min
Delta R.T.: 0.000 min
Response: 8638113
Conc: 48.75 ug/ml



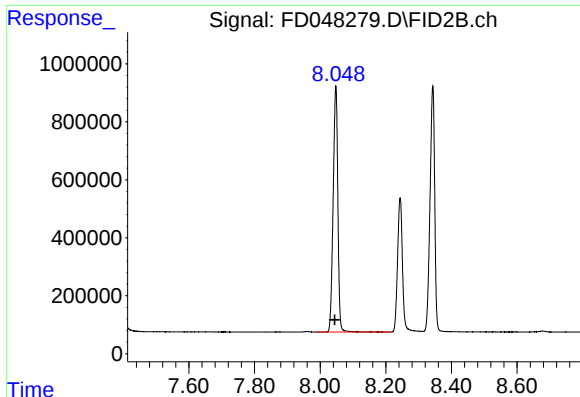
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.781 min
Delta R.T.: 0.002 min
Response: 8611762
Conc: 48.99 ug/ml



#4 2-Bromonaphthalene (SURR)

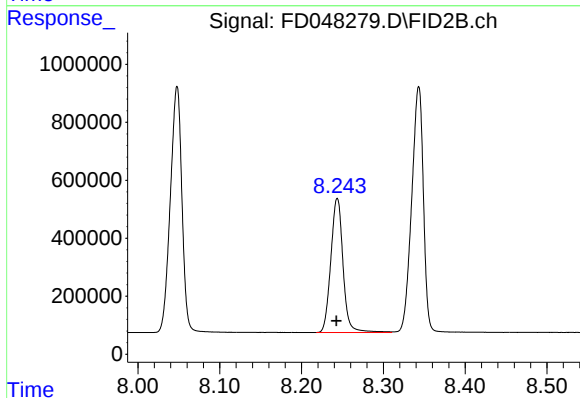
R.T.: 7.393 min
Delta R.T.: 0.002 min
Response: 7372684
Conc: 49.33 ug/ml



#5 Acenaphthylene (C15.06)

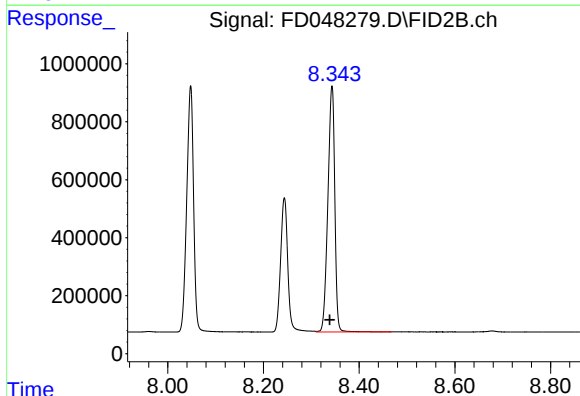
R.T.: 8.047 min
Delta R.T.: 0.003 min
Response: 8415009
Conc: 48.99 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



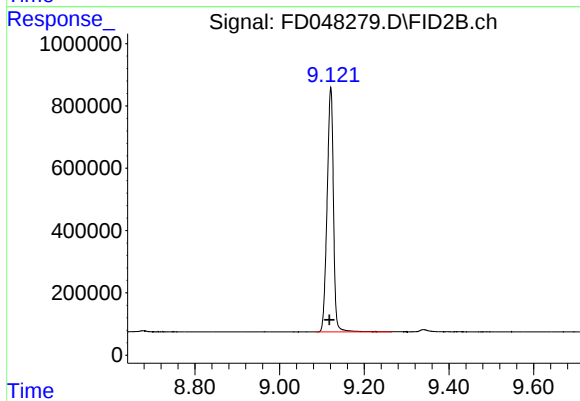
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.244 min
Delta R.T.: 0.000 min
Response: 4804768
Conc: 49.11 ug/ml



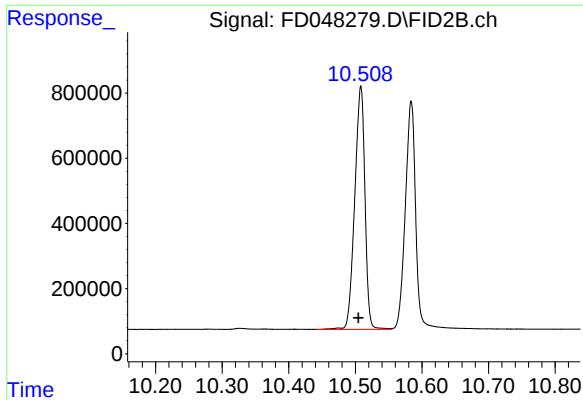
#7 Acenaphthene (C15.5)

R.T.: 8.343 min
Delta R.T.: 0.004 min
Response: 8458488
Conc: 48.63 ug/ml



#8 Fluorene (C16.55)

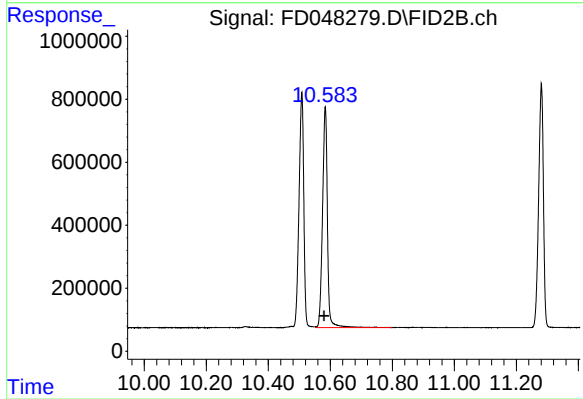
R.T.: 9.121 min
Delta R.T.: 0.003 min
Response: 8160794
Conc: 49.00 ug/ml



#9 Phenanthrene (C19.36)

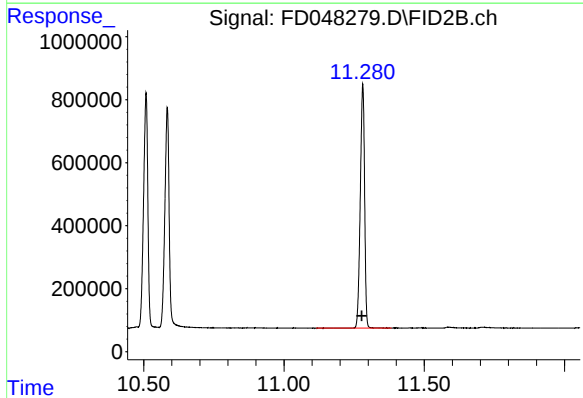
R.T.: 10.508 min
Delta R.T.: 0.003 min
Response: 7963793
Conc: 49.49 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



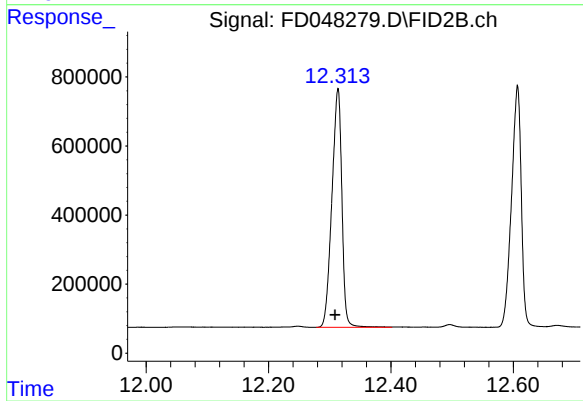
#10 Anthracene (C19.43)

R.T.: 10.584 min
Delta R.T.: 0.003 min
Response: 7671918
Conc: 49.48 ug/ml



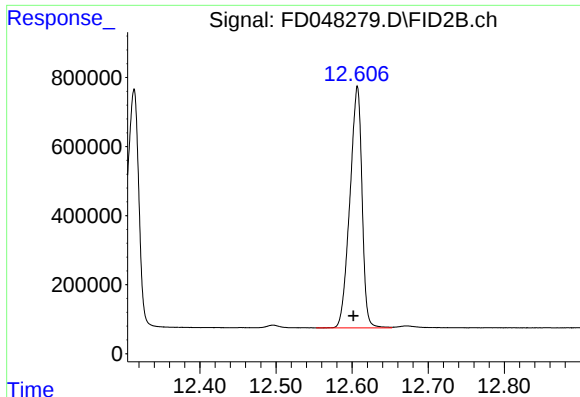
#11 ortho-Terphenyl (SURR)

R.T.: 11.281 min
Delta R.T.: 0.003 min
Response: 8254651
Conc: 49.12 ug/ml



#12 Fluoranthene (C21.85)

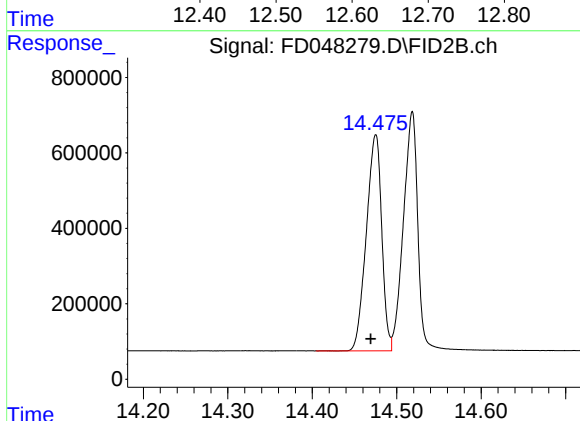
R.T.: 12.313 min
Delta R.T.: 0.005 min
Response: 7821636
Conc: 49.25 ug/ml



#13 Pyrene (C20.8)

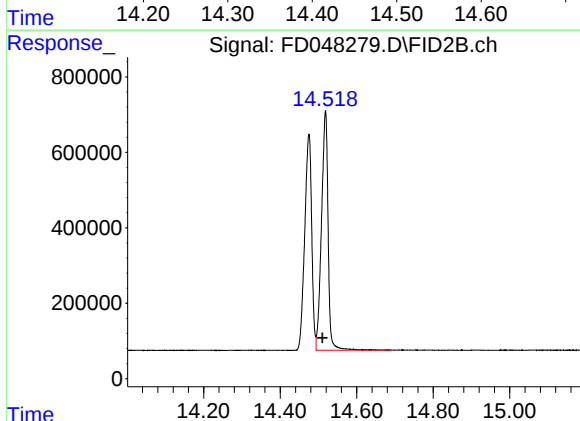
R.T.: 12.607 min
Delta R.T.: 0.005 min
Response: 7769995
Conc: 49.36 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



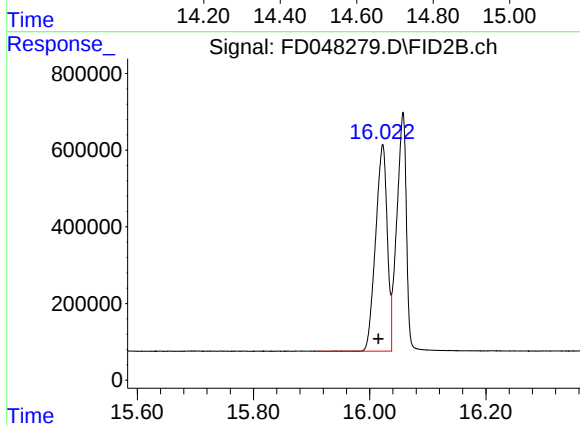
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.475 min
Delta R.T.: 0.005 min
Response: 7256084
Conc: 50.13 ug/ml



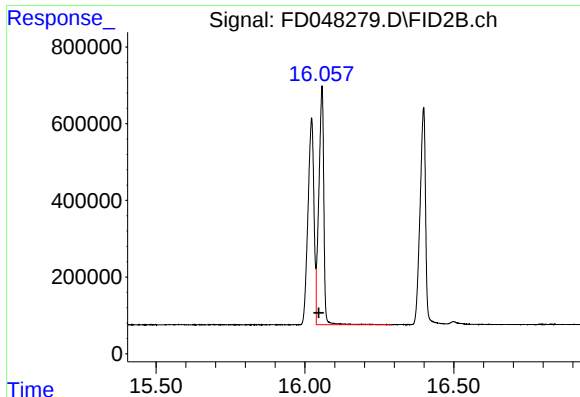
#15 Chrysene (C27.41)

R.T.: 14.518 min
Delta R.T.: 0.007 min
Response: 7584615
Conc: 48.77 ug/ml



#16 benzo[b]fluoranthene (C30.41)

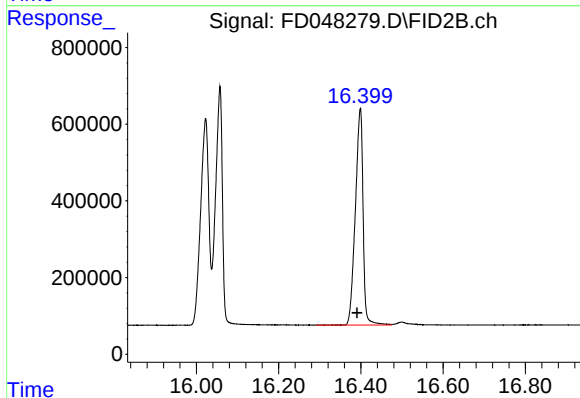
R.T.: 16.022 min
Delta R.T.: 0.007 min
Response: 7497351
Conc: 49.68 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

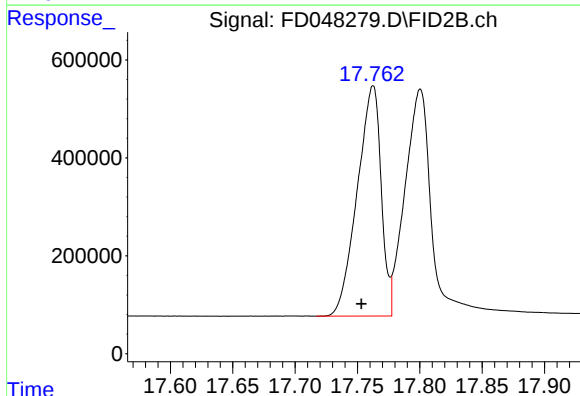
R.T.: 16.057 min
Delta R.T.: 0.011 min
Response: 7194031
Conc: 49.42 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



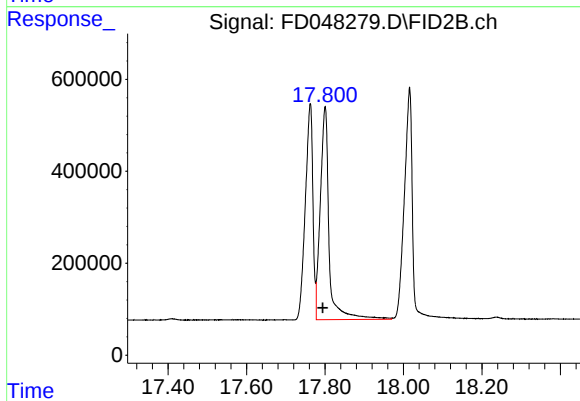
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.398 min
Delta R.T.: 0.007 min
Response: 7382253
Conc: 49.76 ug/ml



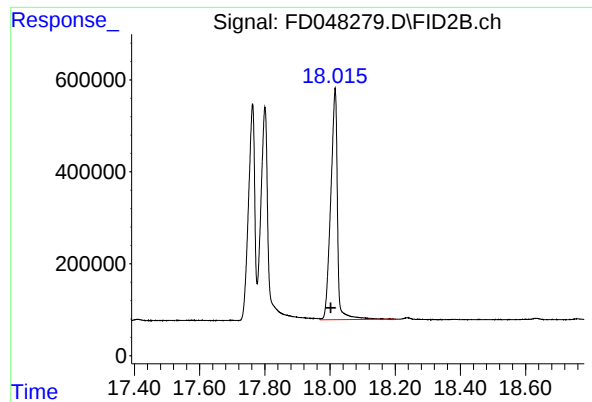
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.762 min
Delta R.T.: 0.008 min
Response: 6277119
Conc: 50.91 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.800 min
Delta R.T.: 0.005 min
Response: 7229026
Conc: 49.51 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.015 min
Delta R.T.: 0.012 min
Response: 7238125
Conc: 49.64 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2

rteres

Area Percent

Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090624AR\
Data File : FD048279.D
Signal(s) : FID2B.ch
Acq On : 06 Sep 2024 09:03
Sample : 50 PPM AROMATIC HC STD2
Misc :
ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH
090624.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.213	4.138	4.274	BV	964910	8353992	96.71%	5.223%
2	5.733	5.608	5.958	BV	915454	8638113	100.00%	5.400%
3	6.781	6.745	6.908	VV	903677	8611762	99.69%	5.384%
4	7.393	7.311	7.588	BB	765822	7372684	85.35%	4.609%
5	8.048	7.988	8.218	PV	854509	8415009	97.42%	5.261%
6	8.244	8.218	8.310	PV	464957	4804768	55.62%	3.004%
7	8.343	8.310	8.468	VV	864767	8458488	97.92%	5.288%
8	9.121	9.086	9.265	PV	789417	8160794	94.47%	5.102%
9	10.508	10.441	10.555	PV	747325	7963793	92.19%	4.979%
10	10.584	10.555	10.798	VV	705231	7671918	88.81%	4.796%
11	11.281	11.115	11.384	BV	775683	8254651	95.56%	5.161%
12	12.313	12.278	12.401	VV	701039	7821636	90.55%	4.890%
13	12.607	12.553	12.652	PV	708527	7769995	89.95%	4.858%
14	14.475	14.405	14.494	BV	573884	7256084	84.00%	4.536%
15	14.518	14.494	14.691	VV	634977	7584615	87.80%	4.742%
16	16.022	15.908	16.038	BV	535147	7497351	86.79%	4.687%
17	16.057	16.038	16.291	VV	631727	7194031	83.28%	4.498%
18	16.398	16.291	16.475	VV	565312	7382253	85.46%	4.615%
19	17.762	17.717	17.777	PV	468298	6277119	72.67%	3.924%
20	17.800	17.777	17.970	VV	467681	7229026	83.69%	4.519%
21	18.015	17.970	18.201	VBA	499073	7238125	83.79%	4.525%
Sum of corrected areas:						159956206		

Aromatic EPH 090624.M Sat Sep 07 00:35:26 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090624AR\
 Data File : FD048280.D
 Signal(s) : FID2B.ch
 Acq On : 06 Sep 2024 09:40
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: Sep 06 10:19:34 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090624.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 06 10:19:09 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.392	3062895	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.243	1982169	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.277	3460390	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.212	3535968	20.000 ug/ml
2) T Naphthalene (C11.7)	5.732	3649495	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	6.779	3597819	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.045	3531706	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.339	3599307	20.000 ug/ml
8) T Flouorene (C16.55)	9.118	3412654	20.000 ug/ml
9) T Phenanthrene (C19.36)	10.505	3260168	20.000 ug/ml
10) T Anthracene (C19.43)	10.580	3152323	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.309	3242113	20.000 ug/ml
13) T Pyrene (C20.8)	12.602	3215815	20.000 ug/ml
14) T Benzo[a]anthracene (C...	14.469	2887808	20.000 ug/ml
15) T Chrysene (C27.41)	14.511	3249107	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.015	3047243	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.046	3013278	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.391	3017712	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.753	2261957	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	17.795	3172852	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.003	2979023	20.000 ug/ml

(f)=RT Delta > 1/2 Window

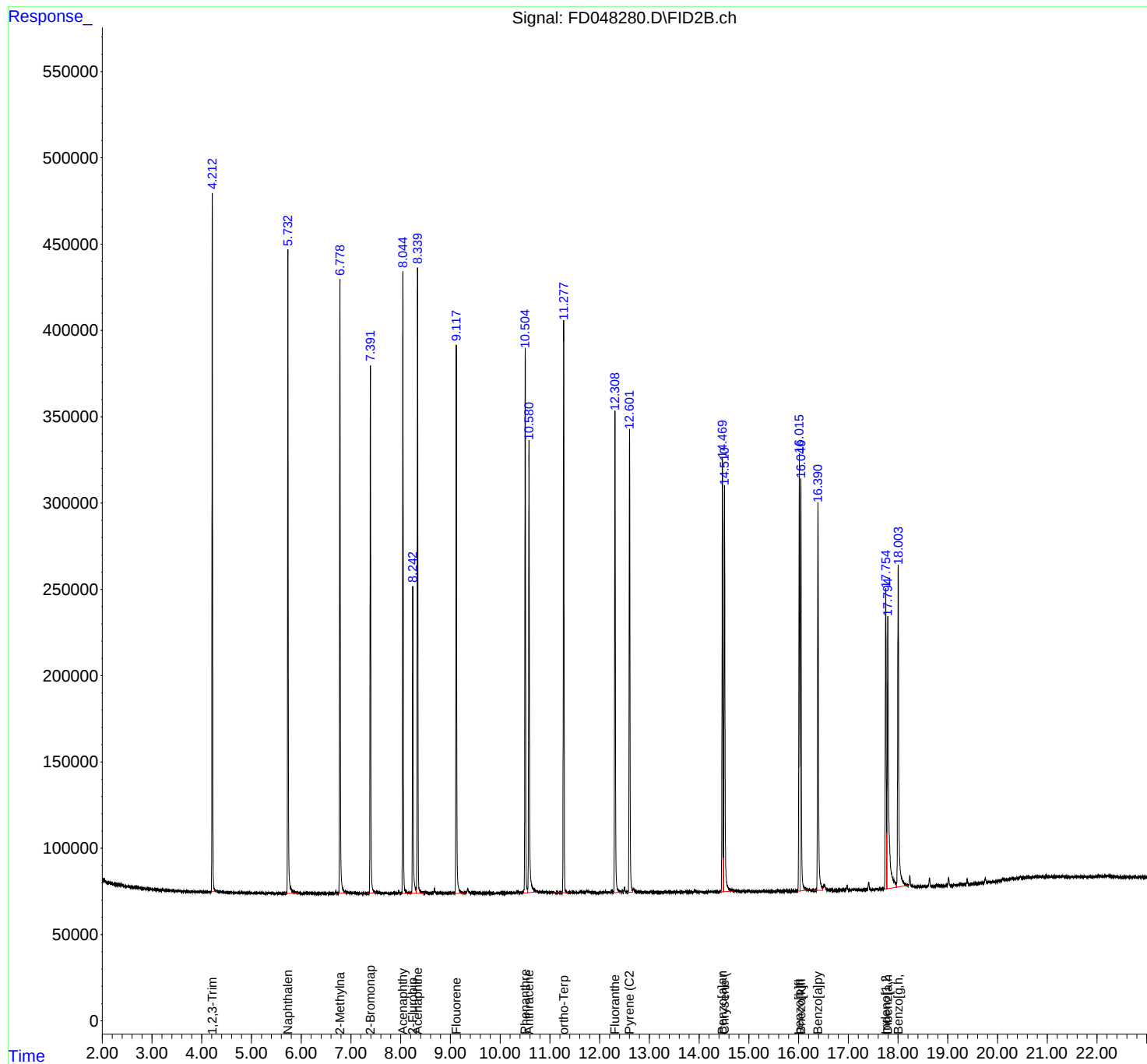
(m)=manual int.

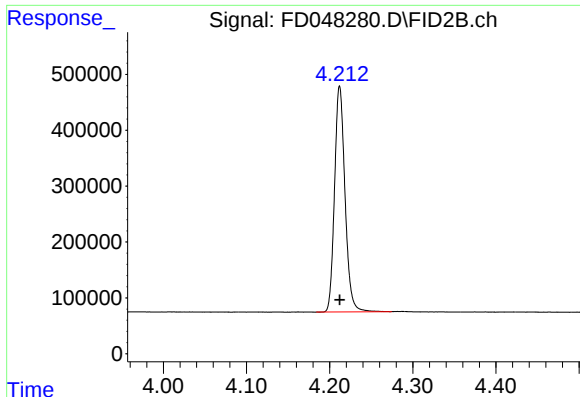
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090624AR\
Data File : FD048280.D
Signal(s) : FID2B.ch
Acq On : 06 Sep 2024 09:40
Operator : YP/AJ
Sample : 20 PPM AROMATIC HC STD3
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3

Integration File: autoint1.e
Quant Time: Sep 06 10:19:34 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090624.M
Quant Title : GC Extractables
QLast Update : Fri Sep 06 10:19:09 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

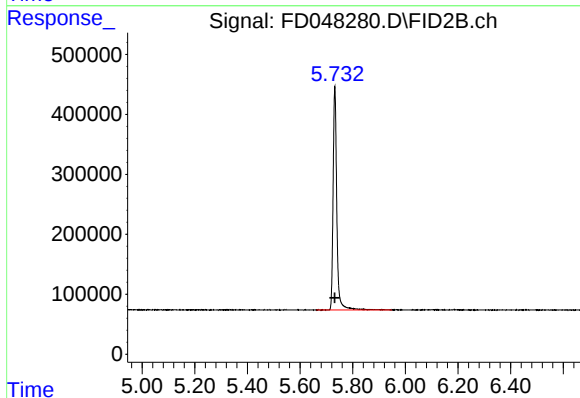




#1 1,2,3-Trimethylbenzene (C10.1)

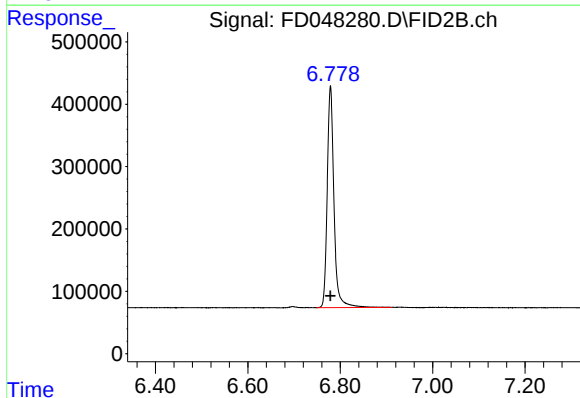
R.T.: 4.212 min
Delta R.T.: 0.000 min
Response: 3535968
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



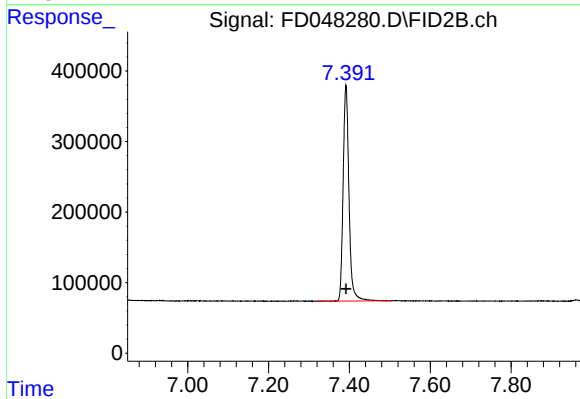
#2 Naphthalene (C11.7)

R.T.: 5.732 min
Delta R.T.: 0.000 min
Response: 3649495
Conc: 20.00 ug/ml



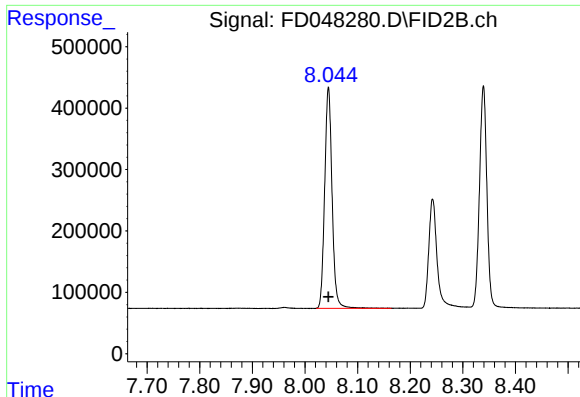
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.779 min
Delta R.T.: 0.000 min
Response: 3597819
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

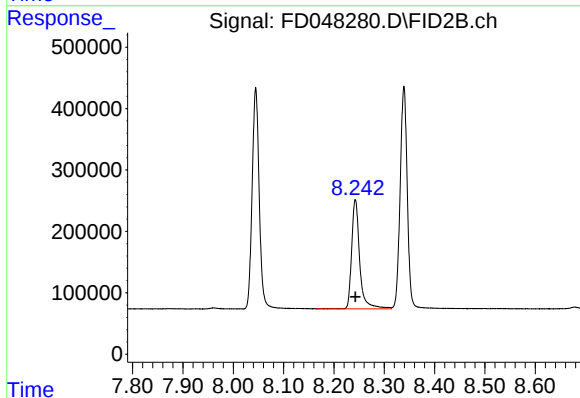
R.T.: 7.392 min
Delta R.T.: 0.000 min
Response: 3062895
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

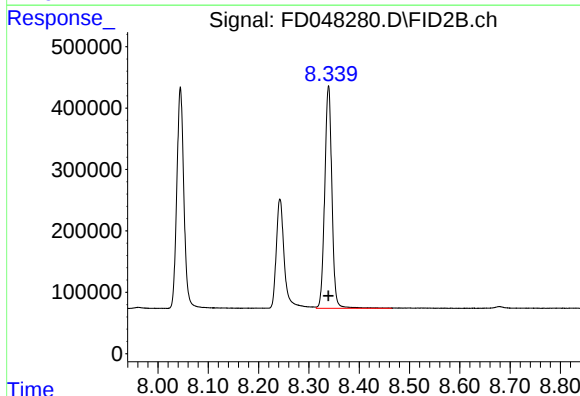
R.T.: 8.045 min
Delta R.T.: 0.000 min
Response: 3531706
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



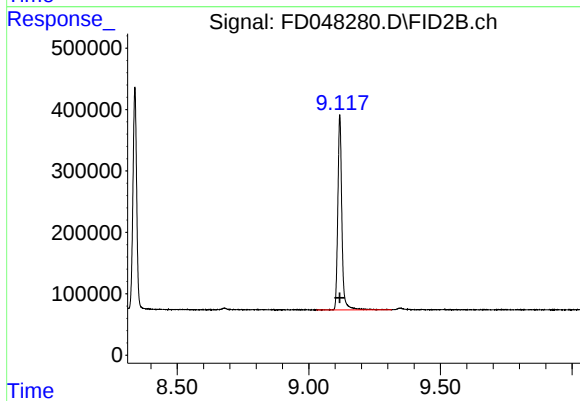
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.243 min
Delta R.T.: 0.000 min
Response: 1982169
Conc: 20.00 ug/ml



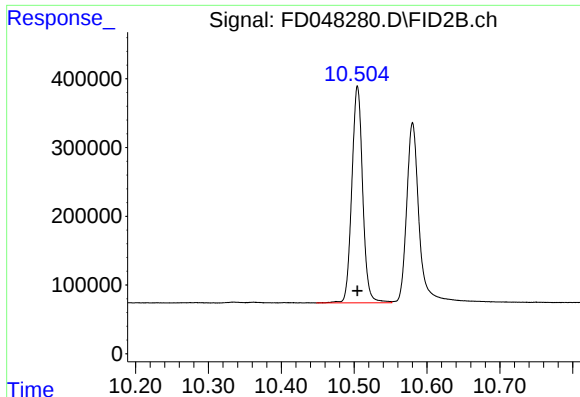
#7 Acenaphthene (C15.5)

R.T.: 8.339 min
Delta R.T.: 0.000 min
Response: 3599307
Conc: 20.00 ug/ml



#8 Fluorene (C16.55)

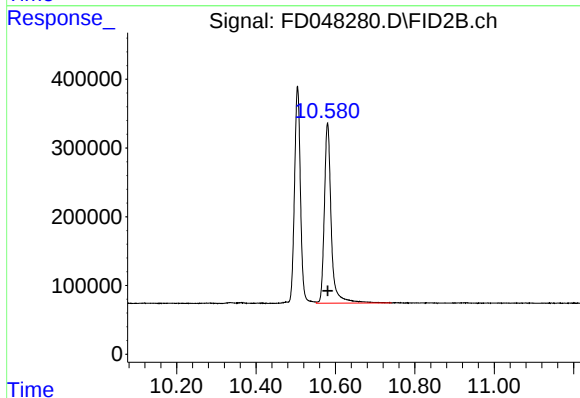
R.T.: 9.118 min
Delta R.T.: 0.000 min
Response: 3412654
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

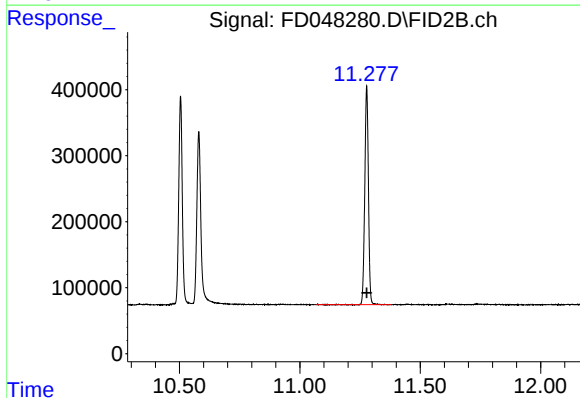
R.T.: 10.505 min
Delta R.T.: 0.000 min
Response: 3260168
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



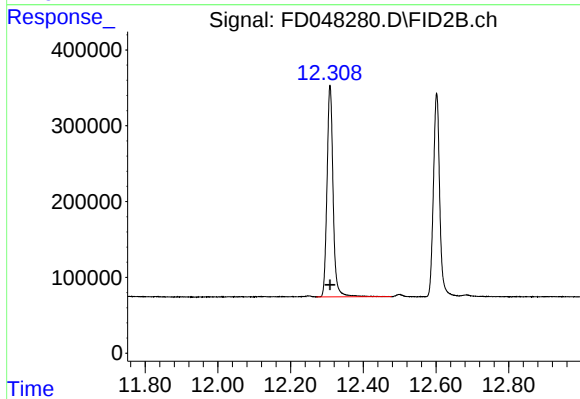
#10 Anthracene (C19.43)

R.T.: 10.580 min
Delta R.T.: 0.000 min
Response: 3152323
Conc: 20.00 ug/ml



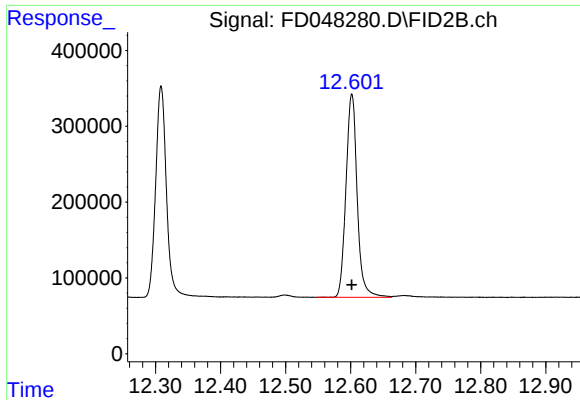
#11 ortho-Terphenyl (SURR)

R.T.: 11.277 min
Delta R.T.: 0.000 min
Response: 3460390
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

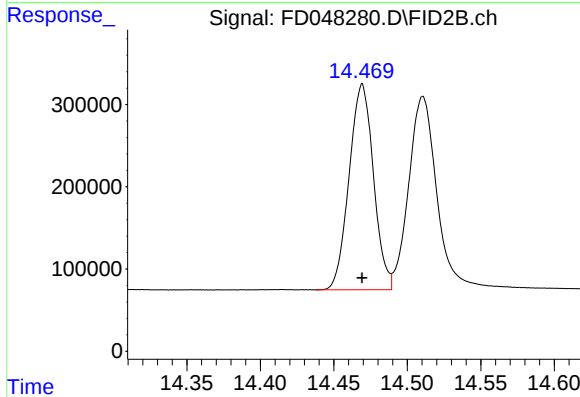
R.T.: 12.309 min
Delta R.T.: 0.000 min
Response: 3242113
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

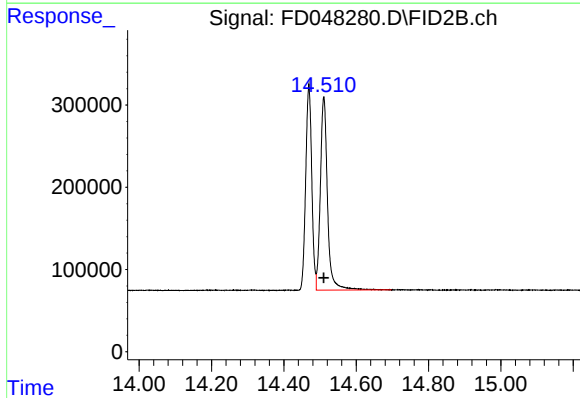
R.T.: 12.602 min
Delta R.T.: 0.000 min
Response: 3215815
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



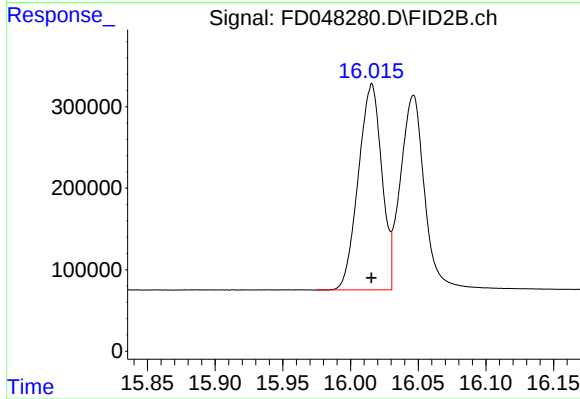
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.469 min
Delta R.T.: 0.000 min
Response: 2887808
Conc: 20.00 ug/ml



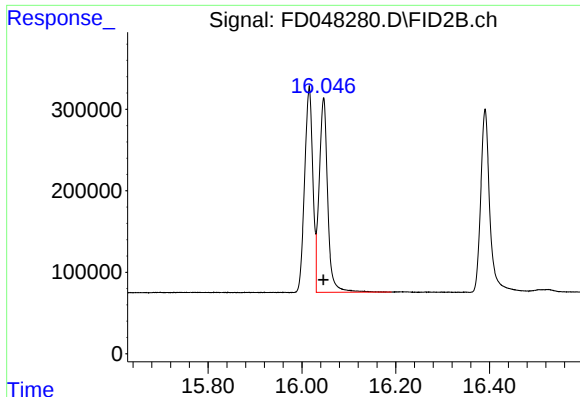
#15 Chrysene (C27.41)

R.T.: 14.511 min
Delta R.T.: 0.000 min
Response: 3249107
Conc: 20.00 ug/ml



#16 benzo[b]fluoranthene (C30.41)

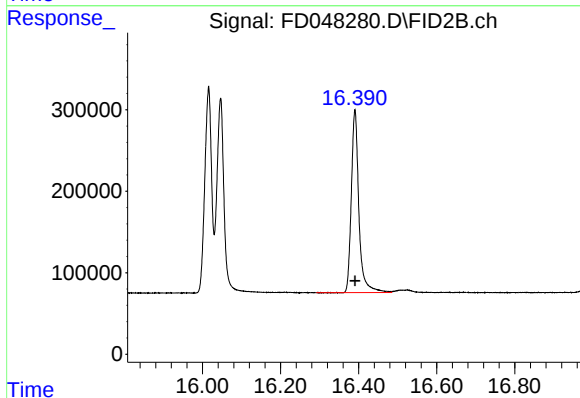
R.T.: 16.015 min
Delta R.T.: 0.000 min
Response: 3047243
Conc: 20.00 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

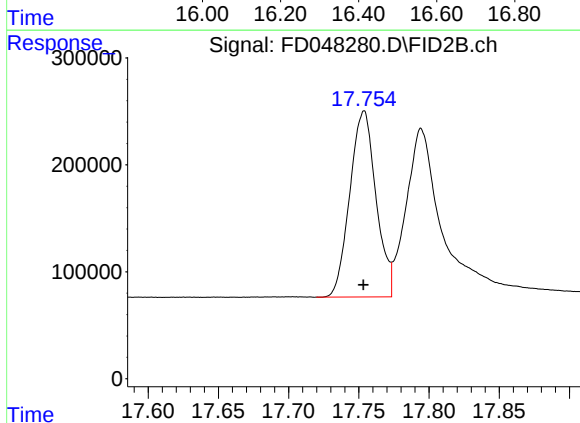
R.T.: 16.046 min
Delta R.T.: 0.000 min
Response: 3013278
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



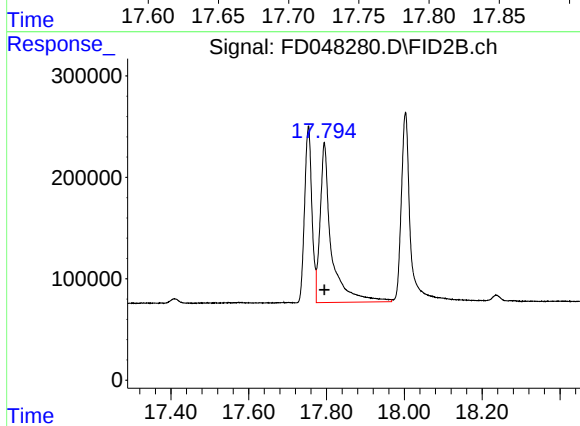
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.391 min
Delta R.T.: 0.000 min
Response: 3017712
Conc: 20.00 ug/ml



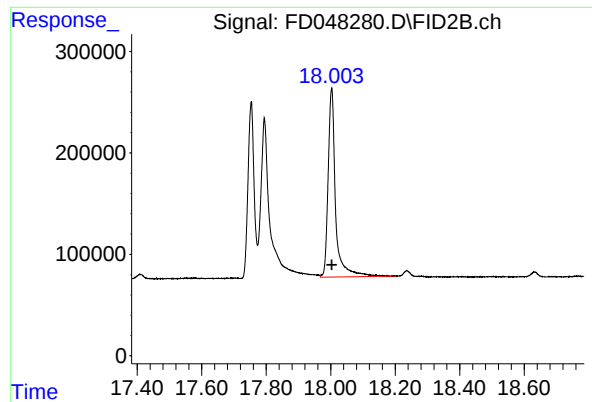
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.753 min
Delta R.T.: 0.000 min
Response: 2261957
Conc: 20.00 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.795 min
Delta R.T.: 0.000 min
Response: 3172852
Conc: 20.00 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.003 min
Delta R.T.: 0.000 min
Response: 2979023
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3

rteres

Area Percent

Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090624AR\
Data File : FD048280.D
Signal(s) : FID2B.ch
Acq On : 06 Sep 2024 09:40
Sample : 20 PPM AROMATIC HC STD3
Misc :
ALS Vial : 63 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH
090624.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.212	4.184	4.275	PV	404142	3535968	96.89%	5.331%
2	5.732	5.661	5.948	BV	371056	3649495	100.00%	5.502%
3	6.779	6.748	6.911	PV	352763	3597819	98.58%	5.424%
4	7.392	7.318	7.505	PV	304573	3062895	83.93%	4.618%
5	8.045	8.021	8.165	BV	359714	3531706	96.77%	5.324%
6	8.243	8.165	8.315	VV	178404	1982169	54.31%	2.988%
7	8.339	8.315	8.465	VV	359417	3599307	98.62%	5.426%
8	9.118	9.028	9.315	BV	317555	3412654	93.51%	5.145%
9	10.505	10.448	10.552	PV	315649	3260168	89.33%	4.915%
10	10.580	10.552	10.742	VV	261228	3152323	86.38%	4.752%
11	11.277	11.068	11.381	BV	330535	3460390	94.82%	5.217%
12	12.309	12.270	12.478	PB	278986	3242113	88.84%	4.888%
13	12.602	12.547	12.663	PV	268443	3215815	88.12%	4.848%
14	14.469	14.438	14.489	BV	247256	2887808	79.13%	4.354%
15	14.511	14.489	14.698	VV	235445	3249107	89.03%	4.898%
16	16.015	15.975	16.030	BV	250388	3047243	83.50%	4.594%
17	16.046	16.030	16.191	VV	237265	3013278	82.57%	4.543%
18	16.391	16.291	16.485	BV	224480	3017712	82.69%	4.549%
19	17.753	17.720	17.773	PV	175533	2261957	61.98%	3.410%
20	17.795	17.773	17.967	VV	157242	3172852	86.94%	4.783%
21	18.003	17.967	18.201	VBA	185971	2979023	81.63%	4.491%
Sum of corrected areas:						66331802		

Aromatic EPH 090624.M Sat Sep 07 00:36:19 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090624AR\
 Data File : FD048281.D
 Signal(s) : FID2B.ch
 Acq On : 06 Sep 2024 10:17
 Operator : YP/AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Sep 06 10:52:19 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090624.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 06 10:22:41 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.393	1603671	10.778 ug/ml
Spiked Amount 50.000		Recovery =	21.56%
6) S 2-Fluorobiphenyl (SURR)	8.245	979358	10.071 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	20.14%
11) S ortho-Terphenyl (SURR)	11.278	1811696	10.844 ug/ml
Spiked Amount 50.000		Recovery =	21.69%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.213	1886628	11.094 ug/ml
2) T Naphthalene (C11.7)	5.733	1912829	10.886 ug/ml
3) T 2-Methylnaphthalene (...)	6.780	1882151	10.779 ug/ml
5) T Acenaphthylene (C15.06)	8.045	1847759	10.829 ug/ml
7) T Acenaphthene (C15.5)	8.338	1864207	10.817 ug/ml
8) T Flouorene (C16.55)	9.119	1748955	10.572 ug/ml
9) T Phenanthrene (C19.36)	10.505	1677184	10.458 ug/ml
10) T Anthracene (C19.43)	10.581	1644733	10.644 ug/ml
12) T Fluoranthene (C21.85)	12.310	1707048	10.803 ug/ml
13) T Pyrene (C20.8)	12.602	1657710	10.576 ug/ml
14) T Benzo[a]anthracene (C...	14.470	1437349	9.921 ug/ml
15) T Chrysene (C27.41)	14.510	1824919	11.832 ug/ml
16) T benzo[b]fluoranthene ...	16.014	1557950	10.345 ug/ml
17) T Bnezo[k]fluoranthene ...	16.045	1693300	11.677 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.394	1590670	10.739 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.757	1066398	8.597 ug/ml
20) T Dibenz[a,h]anthracene...	17.801	1716596	11.795 ug/ml
21) T Benzo[g,h,i]perylene ...	18.004	1569993	10.794 ug/ml

(f)=RT Delta > 1/2 Window

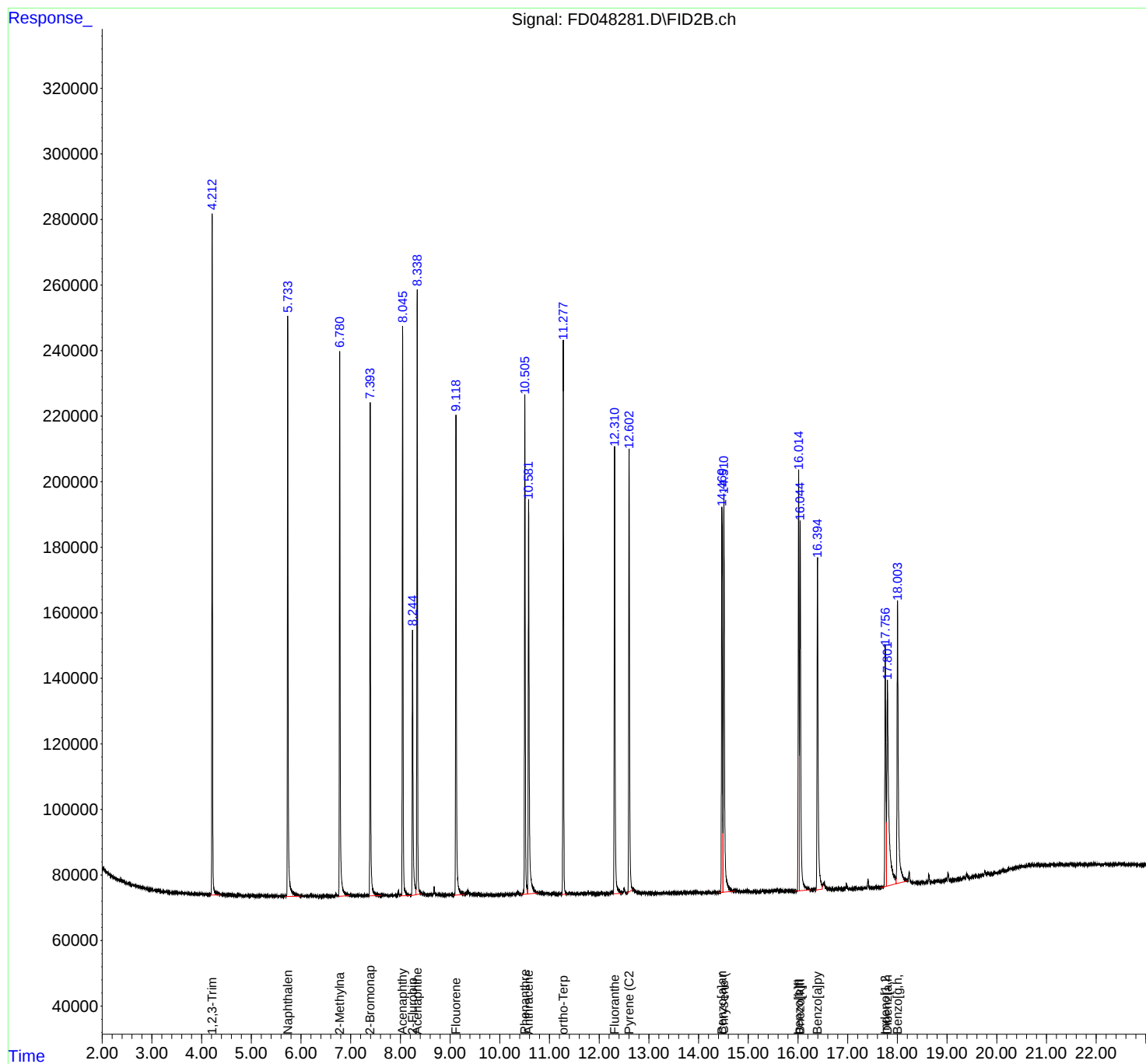
(m)=manual int.

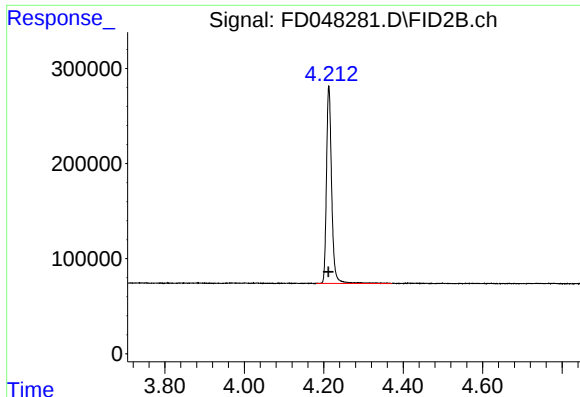
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090624AR\
Data File : FD048281.D
Signal(s) : FID2B.ch
Acq On : 06 Sep 2024 10:17
Operator : YP/AJ
Sample : 10 PPM AROMATIC HC STD4
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4

Integration File: autoint1.e
Quant Time: Sep 06 10:52:19 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090624.M
Quant Title : GC Extractables
QLast Update : Fri Sep 06 10:22:41 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

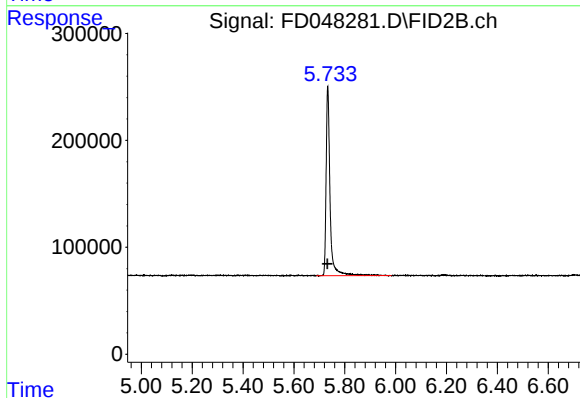




#1 1,2,3-Trimethylbenzene (C10.1)

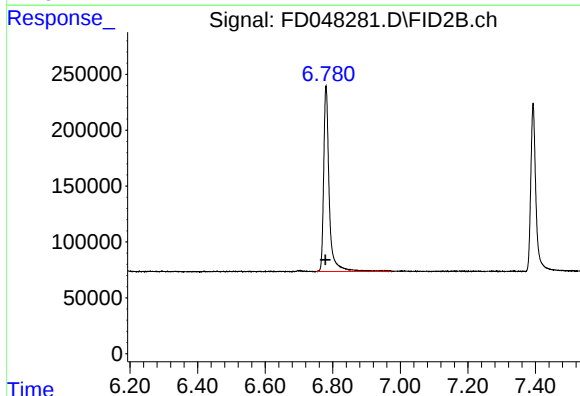
R.T.: 4.213 min
Delta R.T.: 0.001 min
Response: 1886628
Conc: 11.09 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



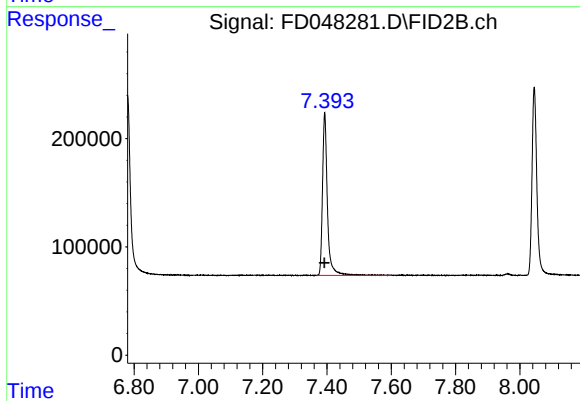
#2 Naphthalene (C11.7)

R.T.: 5.733 min
Delta R.T.: 0.001 min
Response: 1912829
Conc: 10.89 ug/ml



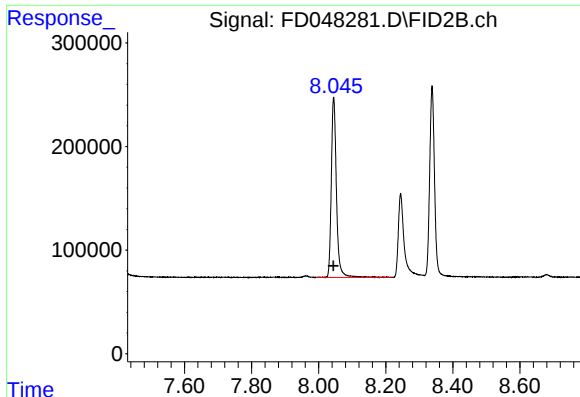
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.780 min
Delta R.T.: 0.002 min
Response: 1882151
Conc: 10.78 ug/ml



#4 2-Bromonaphthalene (SURR)

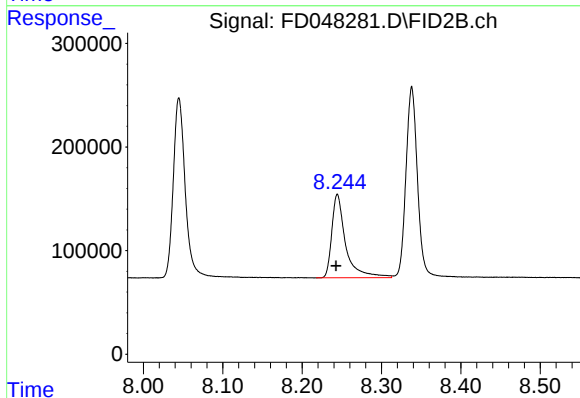
R.T.: 7.393 min
Delta R.T.: 0.001 min
Response: 1603671
Conc: 10.78 ug/ml



#5 Acenaphthylene (C15.06)

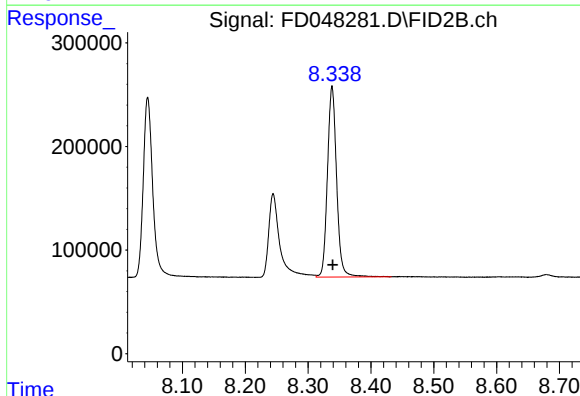
R.T.: 8.045 min
Delta R.T.: 0.000 min
Response: 1847759
Conc: 10.83 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



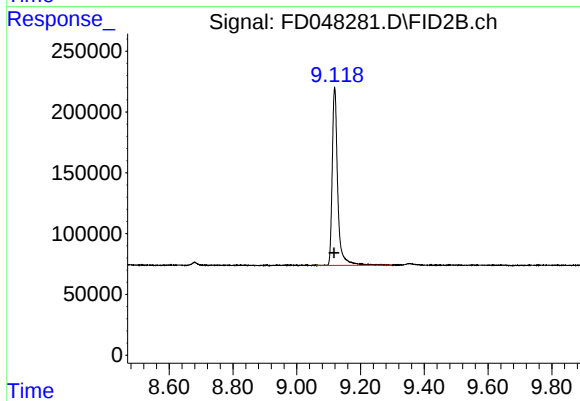
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.245 min
Delta R.T.: 0.002 min
Response: 979358
Conc: 10.07 ug/ml



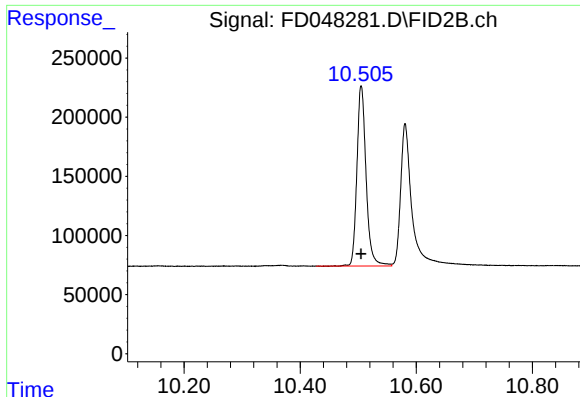
#7 Acenaphthene (C15.5)

R.T.: 8.338 min
Delta R.T.: 0.000 min
Response: 1864207
Conc: 10.82 ug/ml



#8 Fluorene (C16.55)

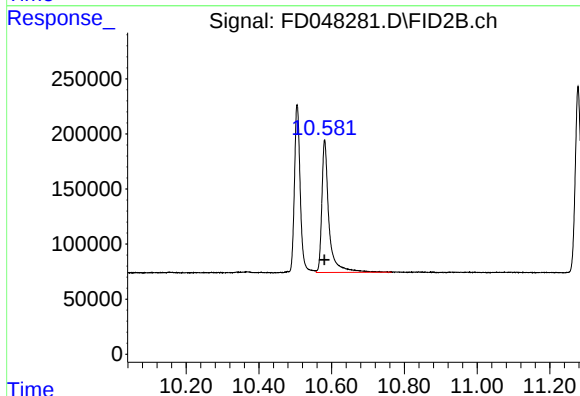
R.T.: 9.119 min
Delta R.T.: 0.001 min
Response: 1748955
Conc: 10.57 ug/ml



#9 Phenanthrene (C19.36)

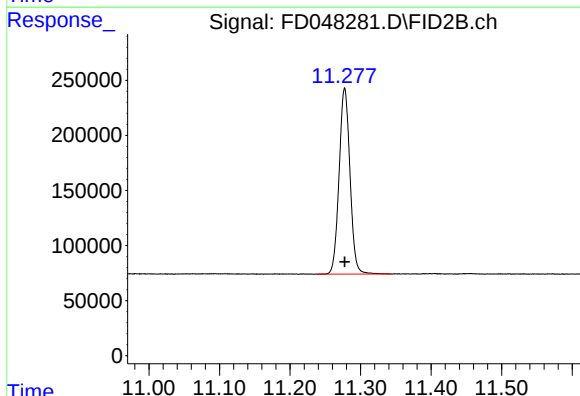
R.T.: 10.505 min
Delta R.T.: 0.000 min
Response: 1677184
Conc: 10.46 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



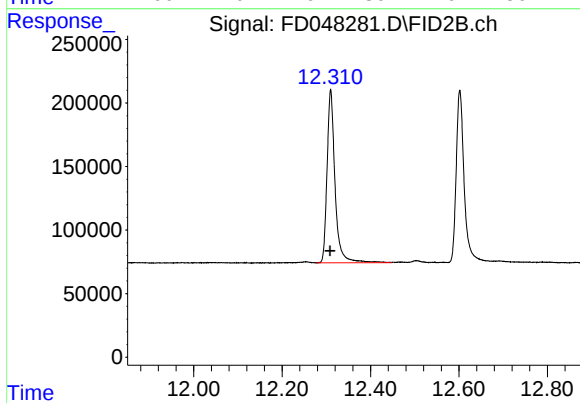
#10 Anthracene (C19.43)

R.T.: 10.581 min
Delta R.T.: 0.000 min
Response: 1644733
Conc: 10.64 ug/ml



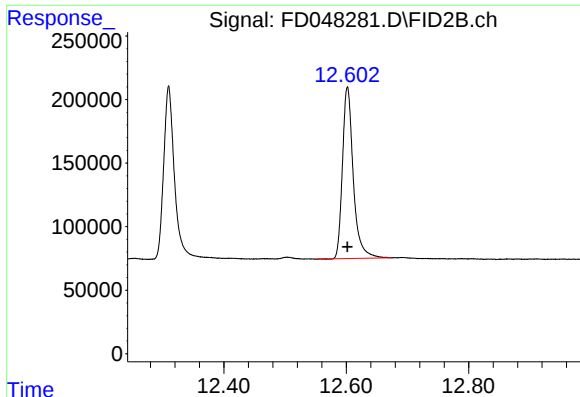
#11 ortho-Terphenyl (SURR)

R.T.: 11.278 min
Delta R.T.: 0.000 min
Response: 1811696
Conc: 10.84 ug/ml



#12 Fluoranthene (C21.85)

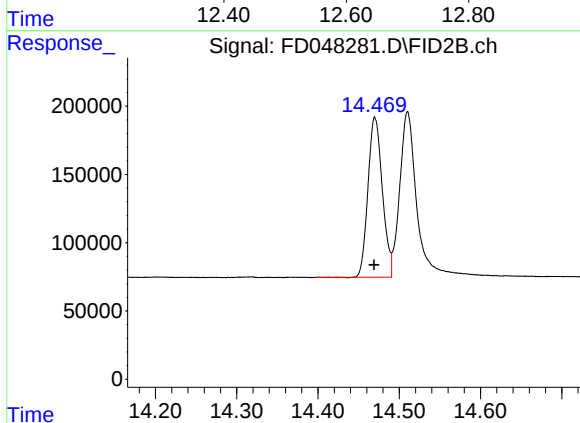
R.T.: 12.310 min
Delta R.T.: 0.001 min
Response: 1707048
Conc: 10.80 ug/ml



#13 Pyrene (C20.8)

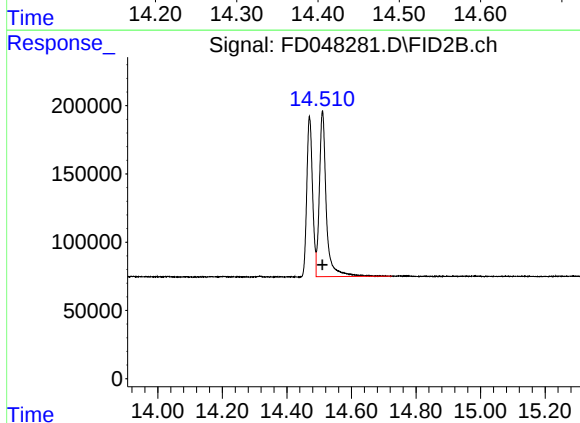
R.T.: 12.602 min
Delta R.T.: 0.000 min
Response: 1657710
Conc: 10.58 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



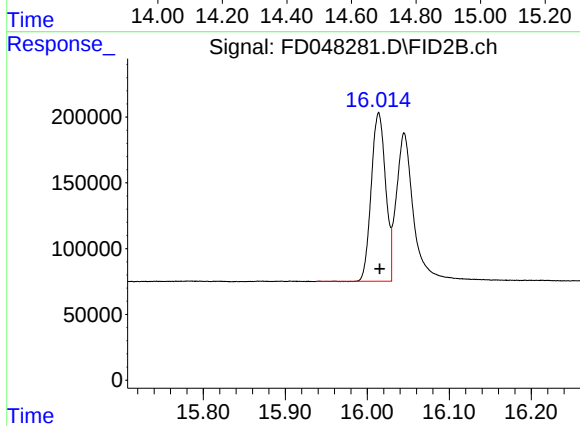
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.470 min
Delta R.T.: 0.001 min
Response: 1437349
Conc: 9.92 ug/ml



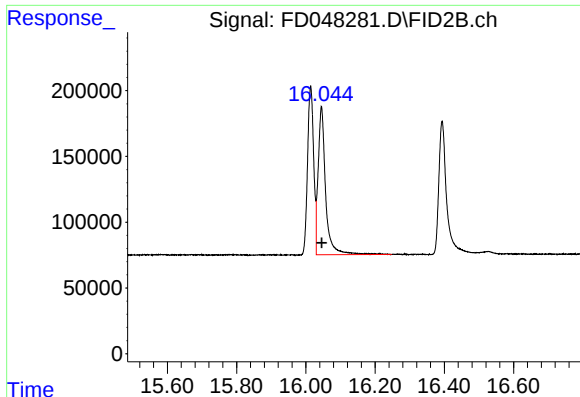
#15 Chrysene (C27.41)

R.T.: 14.510 min
Delta R.T.: 0.000 min
Response: 1824919
Conc: 11.83 ug/ml



#16 benzo[b]fluoranthene (C30.41)

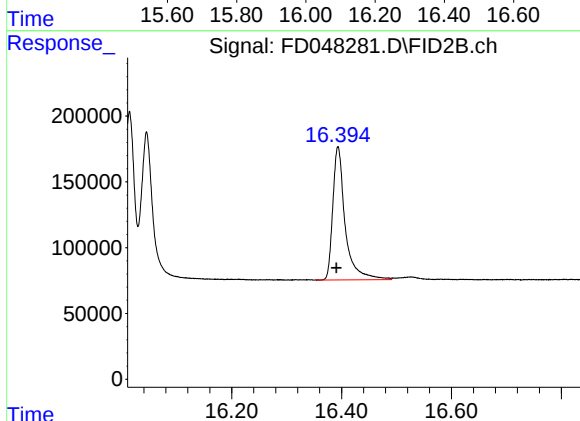
R.T.: 16.014 min
Delta R.T.: -0.001 min
Response: 1557950
Conc: 10.35 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

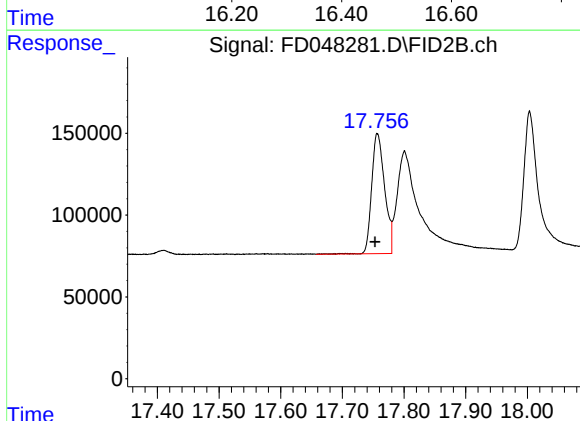
R.T.: 16.045 min
Delta R.T.: -0.001 min
Response: 1693300
Conc: 11.68 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



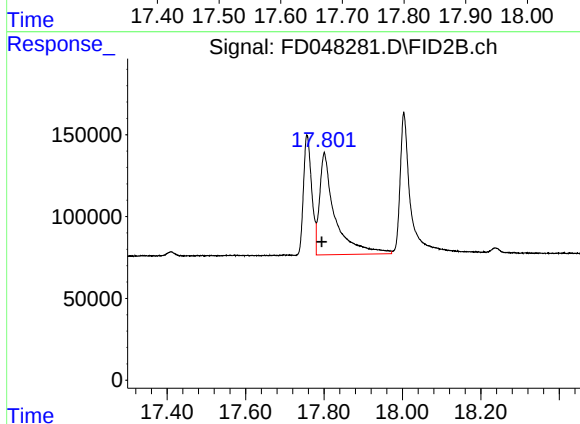
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.394 min
Delta R.T.: 0.003 min
Response: 1590670
Conc: 10.74 ug/ml



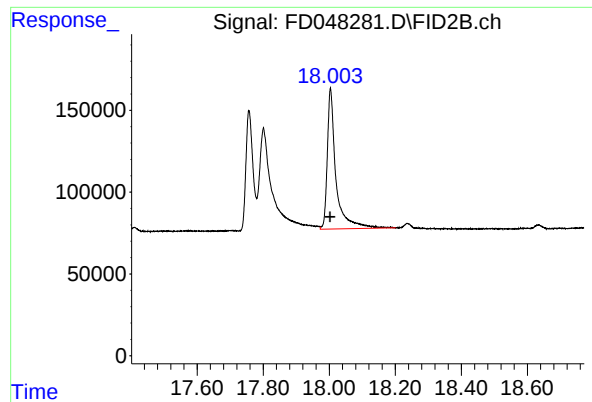
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.757 min
Delta R.T.: 0.004 min
Response: 1066398
Conc: 8.60 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.801 min
Delta R.T.: 0.007 min
Response: 1716596
Conc: 11.80 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.004 min
Delta R.T.: 0.001 min
Response: 1569993
Conc: 10.79 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4

rteres

Area Percent

Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090624AR\
Data File : FD048281.D
Signal(s) : FID2B.ch
Acq On : 06 Sep 2024 10:17
Sample : 10 PPM AROMATIC HC STD4
Misc :
ALS Vial : 64 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH
090624.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.213	4.181	4.371	BB	204560	1886628	98.63%	5.440%
2	5.733	5.688	5.984	BB	174303	1912829	100.00%	5.515%
3	6.780	6.751	6.974	BV	164991	1882151	98.40%	5.427%
4	7.393	7.366	7.601	PB	148647	1603671	83.84%	4.624%
5	8.045	7.993	8.218	PV	173768	1847759	96.60%	5.328%
6	8.245	8.218	8.313	PV	80432	979358	51.20%	2.824%
7	8.338	8.313	8.433	VB	183150	1864207	97.46%	5.375%
8	9.119	9.061	9.298	BV	146005	1748955	91.43%	5.043%
9	10.505	10.428	10.558	BV	153161	1677184	87.68%	4.836%
10	10.581	10.558	10.765	VV	120119	1644733	85.98%	4.742%
11	11.278	11.237	11.344	PV	168644	1811696	94.71%	5.224%
12	12.310	12.277	12.448	PV	135283	1707048	89.24%	4.922%
13	12.602	12.551	12.674	PV	135096	1657710	86.66%	4.780%
14	14.470	14.398	14.491	BV	116601	1437349	75.14%	4.144%
15	14.510	14.491	14.724	VV	121044	1824919	95.40%	5.262%
16	16.014	15.938	16.030	BV	127999	1557950	81.45%	4.492%
17	16.045	16.030	16.248	VB	112589	1693300	88.52%	4.882%
18	16.394	16.354	16.491	PV	101111	1590670	83.16%	4.587%
19	17.757	17.658	17.780	PV	73107	1066398	55.75%	3.075%
20	17.801	17.780	17.972	VV	62274	1716596	89.74%	4.950%
21	18.004	17.972	18.201	VBA	85473	1569993	82.08%	4.527%
Sum of corrected areas:						34681103		

Aromatic EPH 090624.M Sat Sep 07 00:36:59 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090624AR\
 Data File : FD048282.D
 Signal(s) : FID2B.ch
 Acq On : 06 Sep 2024 10:54
 Operator : YP/AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/09/2024
 Supervised By :Ankita Jodhani 09/09/2024

Integration File: autoint1.e
 Quant Time: Sep 06 11:27:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090624.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 06 10:53:21 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.396	757871	4.996 ug/ml
Spiked Amount 50.000		Recovery =	9.99%
6) S 2-Fluorobiphenyl (SURR)	8.252	440302	4.520 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	9.04%
11) S ortho-Terphenyl (SURR)	11.278	877363	5.143 ug/ml
Spiked Amount 50.000		Recovery =	10.29%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.215	915922	5.242 ug/ml
2) T Naphthalene (C11.7)	5.737	928794	5.171 ug/ml
3) T 2-Methylnaphthalene (...)	6.783	912423	5.126 ug/ml
5) T Acenaphthylene (C15.06)	8.048	884617	5.079 ug/ml
7) T Acenaphthene (C15.5)	8.340	929168	5.284 ug/ml
8) T Flouorene (C16.55)	9.123	830263	4.948 ug/ml
9) T Phenanthrene (C19.36)	10.510	792099	4.883 ug/ml
10) T Anthracene (C19.43)	10.588	838119	5.338 ug/ml
12) T Fluoranthene (C21.85)	12.315	829047	5.143 ug/ml
13) T Pyrene (C20.8)	12.606	828436	5.210 ug/ml
14) T Benzo[a]anthracene (C...	14.477	610152	4.220 ug/ml
15) T Chrysene (C27.41)	14.515	891898	5.529 ug/ml
16) T benzo[b]fluoranthene ...	16.021	676478	4.454 ug/ml
17) T Bnezo[k]fluoranthene ...	16.053	828557	5.484 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.404	681662	4.519 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.771	430892	3.600 ug/ml
20) T Dibenz[a,h]anthracene...	17.817	773973	5.090 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.013	718269	4.842 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090624AR\
Data File : FD048282.D
Signal(s) : FID2B.ch
Acq On : 06 Sep 2024 10:54
Operator : YP/AJ
Sample : 5 PPM AROMATIC HC STD5
Misc :
ALS Vial : 65 Sample Multiplier: 1

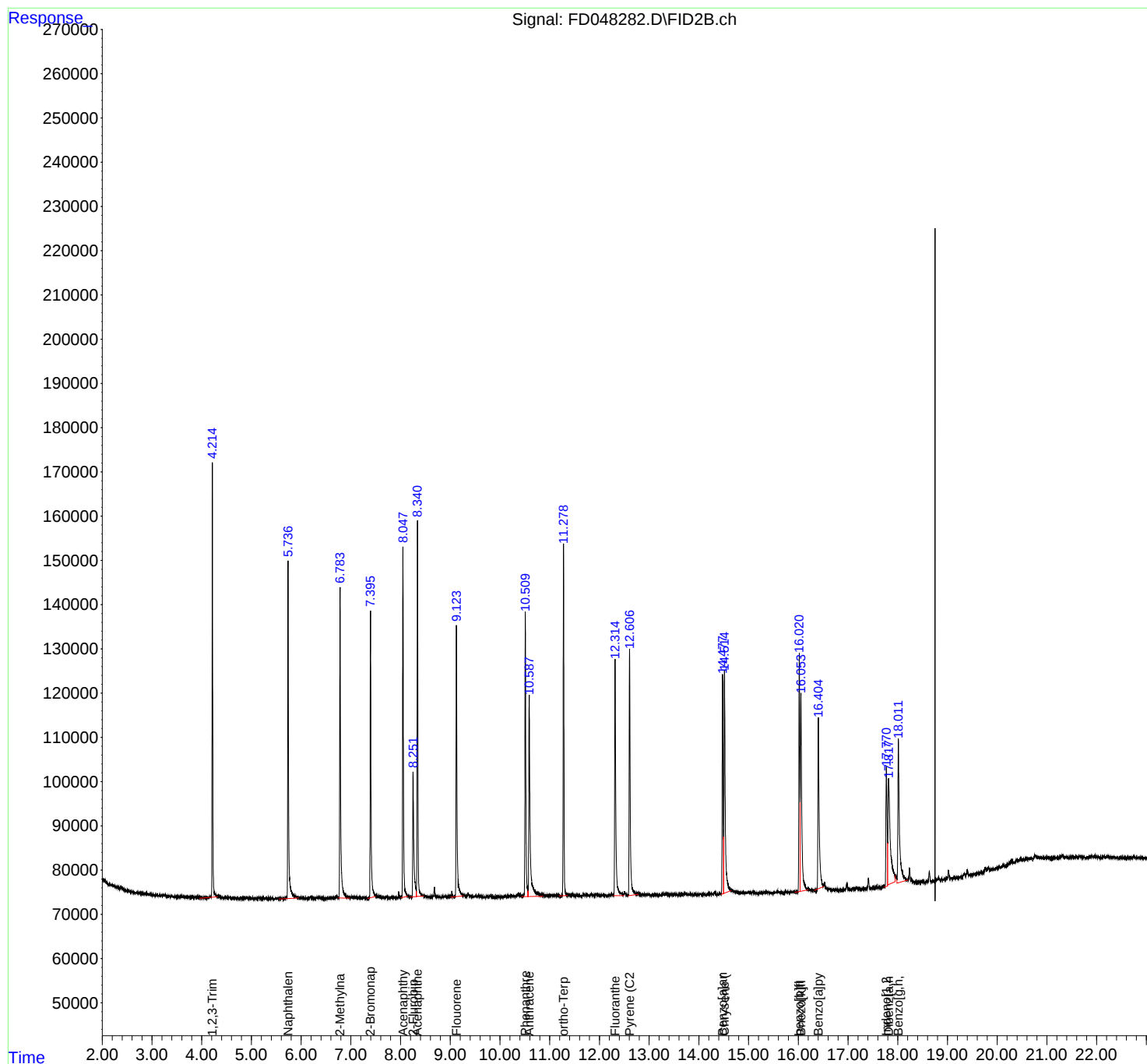
Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5

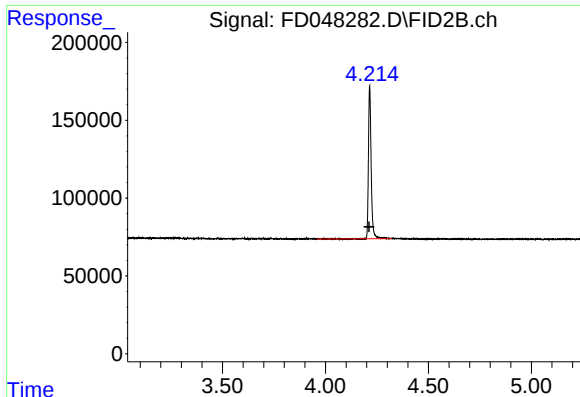
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024

Integration File: autoint1.e
Quant Time: Sep 06 11:27:59 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090624.M
Quant Title : GC Extractables
QLast Update : Fri Sep 06 10:53:21 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





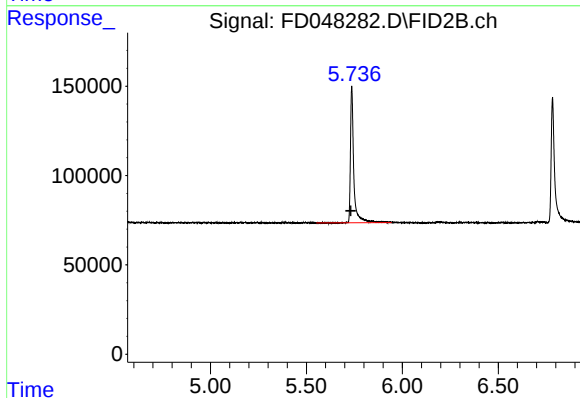
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.215 min
Delta R.T.: 0.003 min
Response: 915922
Conc: 5.24 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5

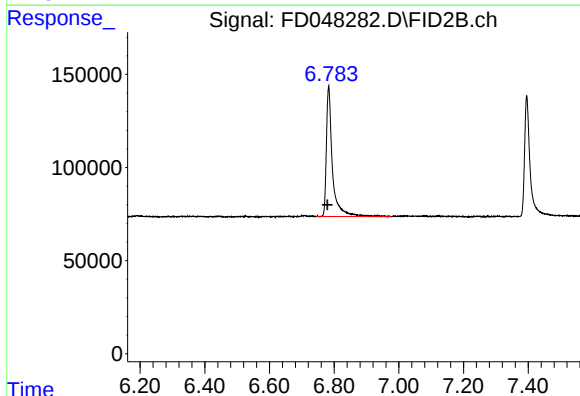
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024



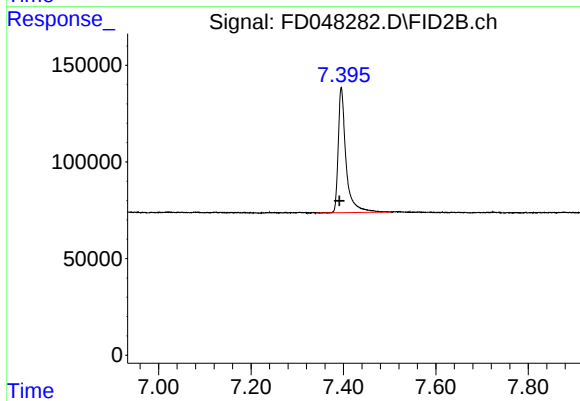
#2 Naphthalene (C11.7)

R.T.: 5.737 min
Delta R.T.: 0.005 min
Response: 928794
Conc: 5.17 ug/ml



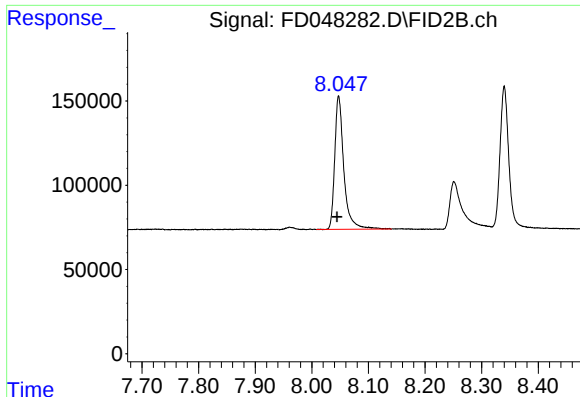
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.783 min
Delta R.T.: 0.004 min
Response: 912423
Conc: 5.13 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.396 min
Delta R.T.: 0.004 min
Response: 757871
Conc: 5.00 ug/ml



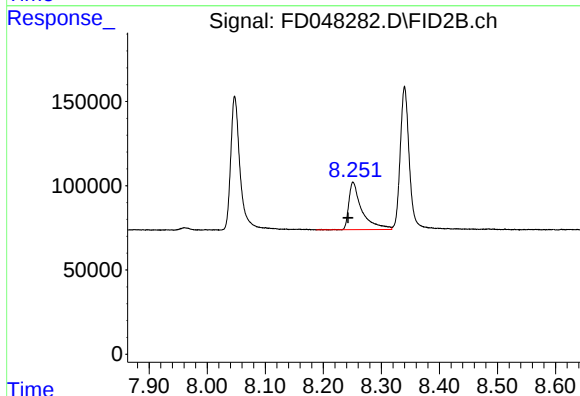
#5 Acenaphthylene (C15.06)

R.T.: 8.048 min
Delta R.T.: 0.003 min
Response: 884617
Conc: 5.08 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5

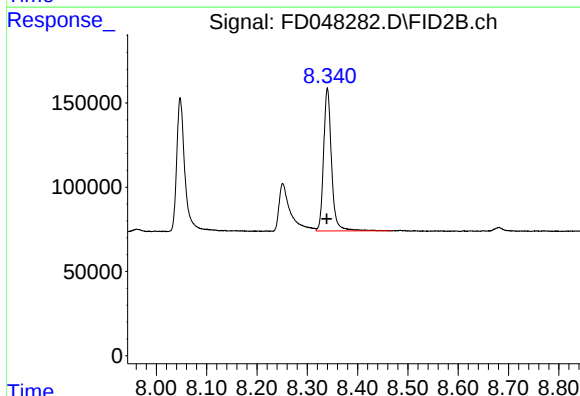
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024



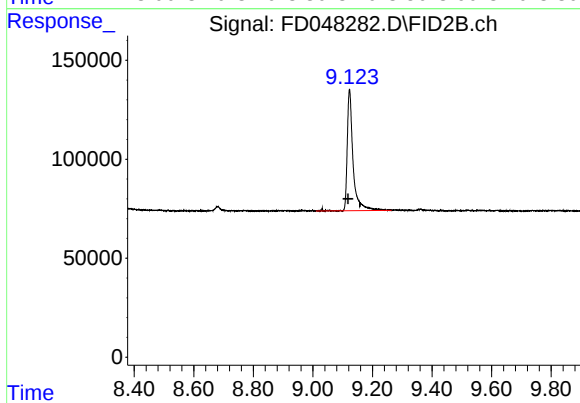
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.252 min
Delta R.T.: 0.009 min
Response: 440302
Conc: 4.52 ug/ml



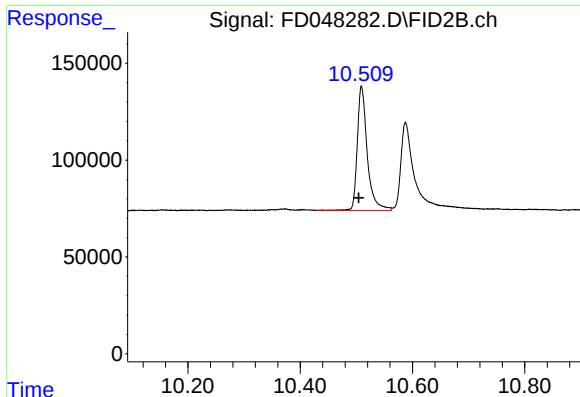
#7 Acenaphthene (C15.5)

R.T.: 8.340 min
Delta R.T.: 0.001 min
Response: 929168
Conc: 5.28 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.123 min
Delta R.T.: 0.006 min
Response: 830263
Conc: 4.95 ug/ml



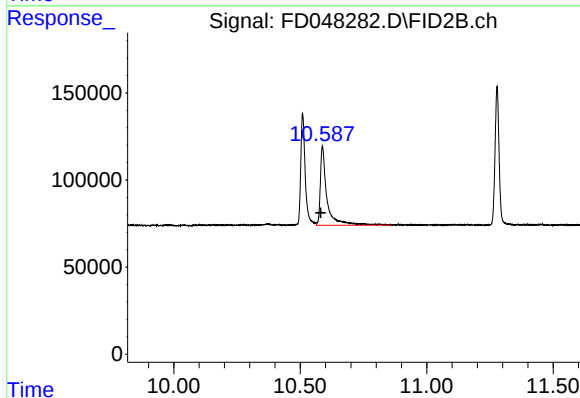
#9 Phenanthrene (C19.36)

R.T.: 10.510 min
Delta R.T.: 0.005 min
Response: 792099
Conc: 4.88 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5

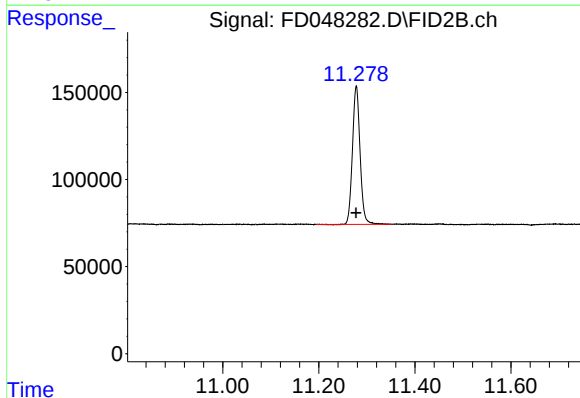
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024



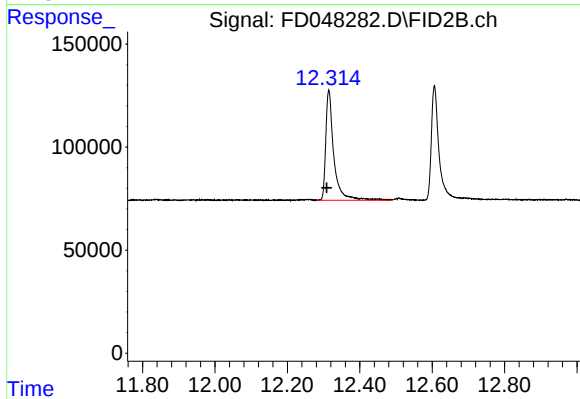
#10 Anthracene (C19.43)

R.T.: 10.588 min
Delta R.T.: 0.008 min
Response: 838119
Conc: 5.34 ug/ml



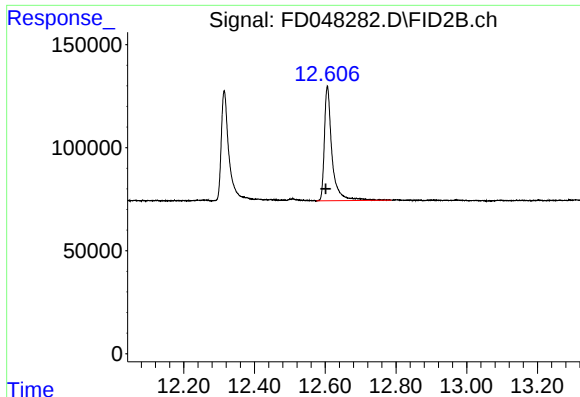
#11 ortho-Terphenyl (SURR)

R.T.: 11.278 min
Delta R.T.: 0.000 min
Response: 877363
Conc: 5.14 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.315 min
Delta R.T.: 0.006 min
Response: 829047
Conc: 5.14 ug/ml



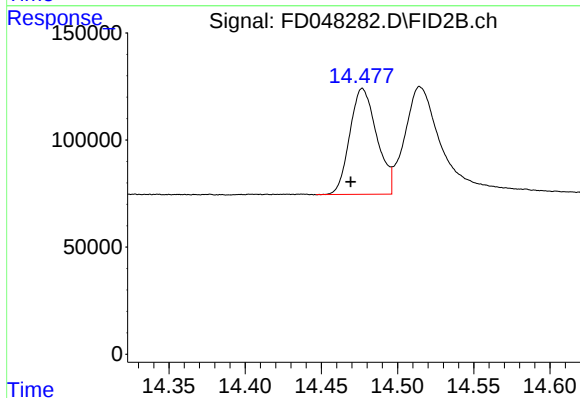
#13 Pyrene (C20.8)

R.T.: 12.606 min
Delta R.T.: 0.005 min
Response: 828436
Conc: 5.21 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5

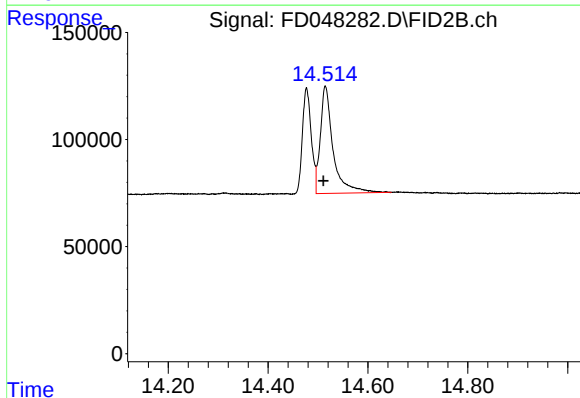
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024



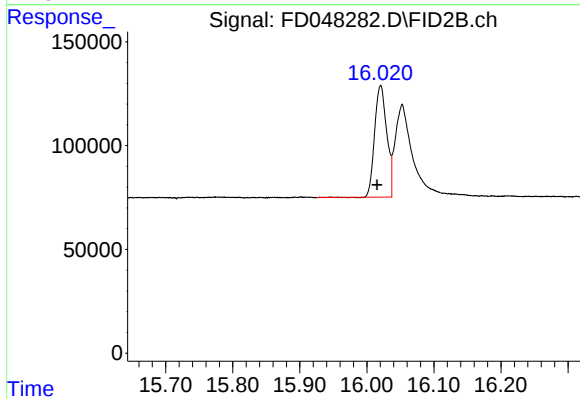
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.477 min
Delta R.T.: 0.008 min
Response: 610152
Conc: 4.22 ug/ml



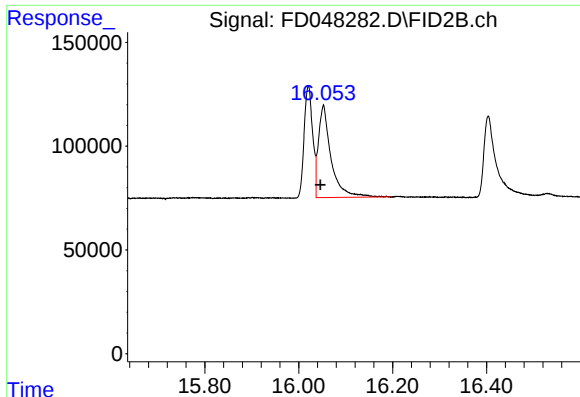
#15 Chrysene (C27.41)

R.T.: 14.515 min
Delta R.T.: 0.005 min
Response: 891898
Conc: 5.53 ug/ml



#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.021 min
Delta R.T.: 0.005 min
Response: 676478
Conc: 4.45 ug/ml



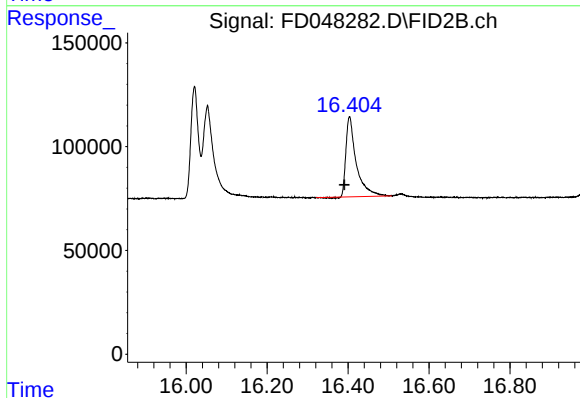
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.053 min
Delta R.T.: 0.006 min
Response: 828557
Conc: 5.48 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5

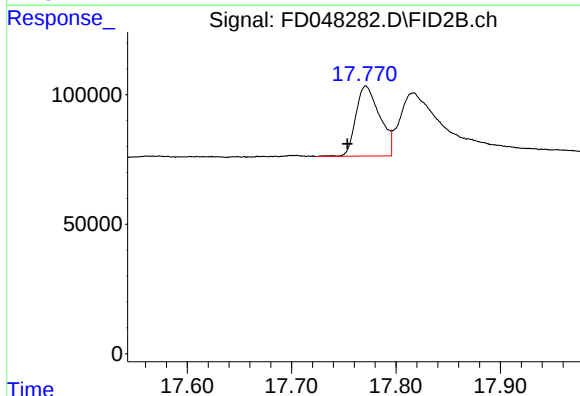
Manual Integrations
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Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024



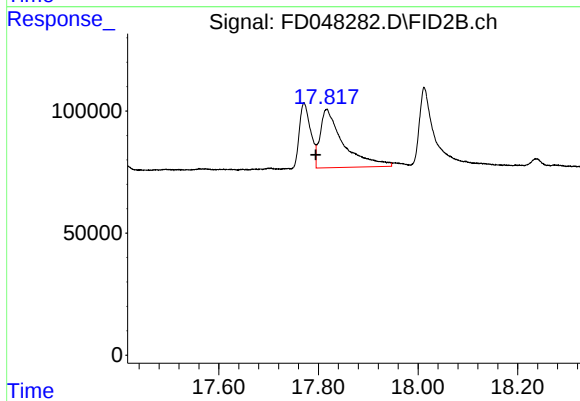
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.404 min
Delta R.T.: 0.013 min
Response: 681662
Conc: 4.52 ug/ml



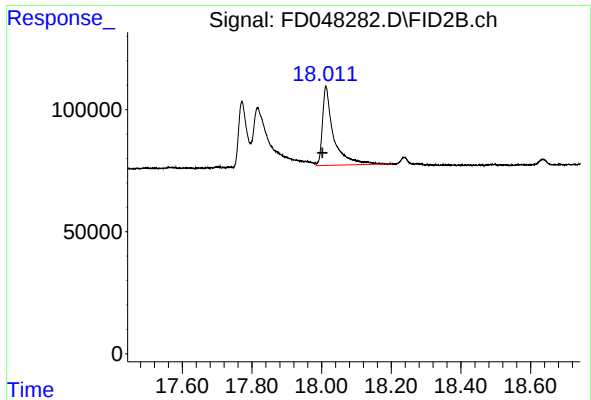
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.771 min
Delta R.T.: 0.018 min
Response: 430892
Conc: 3.60 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.817 min
Delta R.T.: 0.022 min
Response: 773973
Conc: 5.09 ug/ml m



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.013 min
Delta R.T.: 0.010 min
Response: 718269
Conc: 4.84 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024

rteres

Instrument :
FID_D
LabSampleId :
5 PPM AROMATIC HC STD5

Area Percent

Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data
Data File : FD048282.D
Signal(s) : FID2B.ch
Acq On : 06 Sep 2024 10:54
Sample : 5 PPM AROMATIC HC STD5
Misc :
ALS Vial : 65 Sample Multiplier: 1

Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH
090624.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.215	3.955	4.321	PV	97992	915922	98.57%	5.571%
2	5.737	5.551	5.944	BB	75191	928794	99.96%	5.650%
3	6.783	6.744	6.978	BB	69128	912423	98.20%	5.550%
4	7.396	7.341	7.504	BV	64511	757871	81.56%	4.610%
5	8.048	8.008	8.141	BV	78856	884617	95.21%	5.381%
6	8.252	8.188	8.318	BV	28169	440302	47.39%	2.678%
7	8.340	8.318	8.468	VV	84253	929168	100.00%	5.652%
8	9.123	9.011	9.264	BV	60760	830263	89.36%	5.050%
9	10.510	10.428	10.563	PV	62960	792099	85.25%	4.818%
10	10.588	10.563	10.861	VV	45272	838119	90.20%	5.098%
11	11.278	11.194	11.352	BV	79347	877363	94.42%	5.337%
12	12.315	12.280	12.488	PV	53313	829047	89.22%	5.043%
13	12.606	12.574	12.788	PV	55264	828436	89.16%	5.039%
14	14.477	14.447	14.496	PV	49203	610152	65.67%	3.711%
15	14.515	14.496	14.647	VV	50137	891898	95.99%	5.425%
16	16.021	15.924	16.037	PV	53922	676478	72.80%	4.115%
17	16.053	16.037	16.198	VV	43985	828557	89.17%	5.040%
18	16.404	16.321	16.507	BV	38623	681662	73.36%	4.146%
19	17.771	17.723	17.796	PV	27026	430892	46.37%	2.621%
20	17.817	17.796	17.984	VV	24306	837634	90.15%	5.095%
21	18.013	17.984	18.201	VBA	32566	718269	77.30%	4.369%
Sum of corrected areas:						16439965		

Aromatic EPH 090624.M Sat Sep 07 00:37:35 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090624AR\
 Data File : FD048283.D
 Signal(s) : FID2B.ch
 Acq On : 06 Sep 2024 11:32
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/09/2024
 Supervised By :Ankita Jodhani 09/09/2024

Integration File: autoint1.e
 Quant Time: Sep 06 12:05:57 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090624.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 06 11:53:01 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.394	2948973	19.444 ug/ml
Spiked Amount 50.000		Recovery =	38.89%
6) S 2-Fluorobiphenyl (SURR)	8.245	1873322	19.606 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.21%
11) S ortho-Terphenyl (SURR)	11.280	3312038	19.304 ug/ml
Spiked Amount 50.000		Recovery =	38.61%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.214	3347073	18.973 ug/ml
2) T Naphthalene (C11.7)	5.734	3476244	19.223 ug/ml
3) T 2-Methylnaphthalene (...)	6.781	3463769	19.361 ug/ml
5) T Acenaphthylene (C15.06)	8.047	3379188	19.341 ug/ml
7) T Acenaphthene (C15.5)	8.341	3428384	19.276 ug/ml
8) T Flouorene (C16.55)	9.120	3240561	19.352 ug/ml
9) T Phenanthrene (C19.36)	10.507	3104983	19.232 ug/ml
10) T Anthracene (C19.43)	10.582	3038526	19.095 ug/ml
12) T Fluoranthene (C21.85)	12.310	3131576	19.317 ug/ml
13) T Pyrene (C20.8)	12.604	3086017	19.247 ug/ml
14) T Benzo[a]anthracene (C...	14.472	2769113	19.768 ug/ml
15) T Chrysene (C27.41)	14.513	3118233	18.931 ug/ml
16) T benzo[b]fluoranthene ...	16.018	2947909	19.841 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.048	2845488	18.475 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.393	2883681	19.491 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.756	2081112	18.418 ug/ml
20) T Dibenz[a,h]anthracene...	17.798	2879324	18.867 ug/ml
21) T Benzo[g,h,i]perylene ...	18.005	2781536	18.870 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090624AR\
Data File : FD048283.D
Signal(s) : FID2B.ch
Acq On : 06 Sep 2024 11:32
Operator : YP/AJ
Sample : 20 PPM AROMATIC HC STD ICV
Misc :
ALS Vial : 66 Sample Multiplier: 1

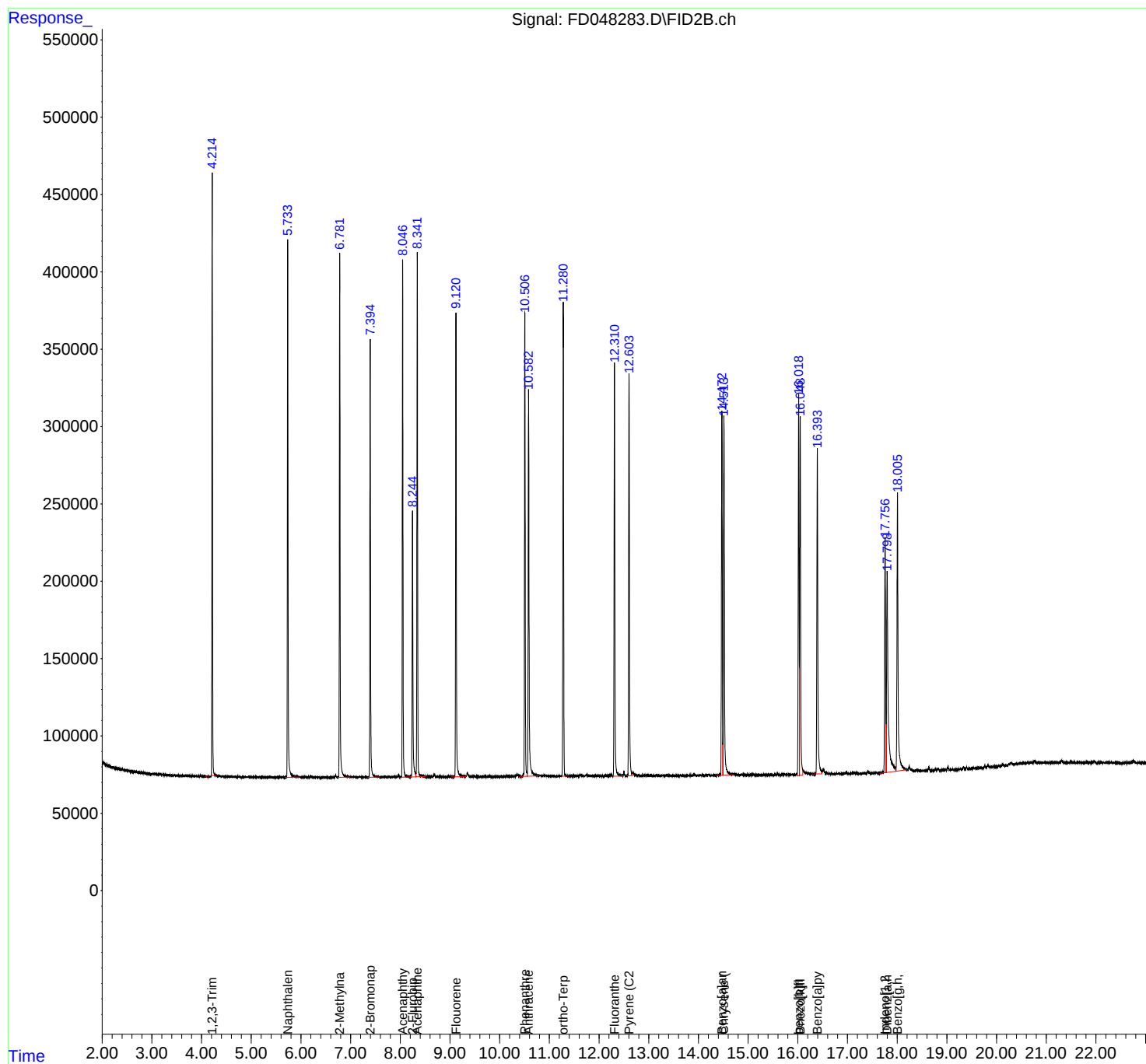
Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD ICV

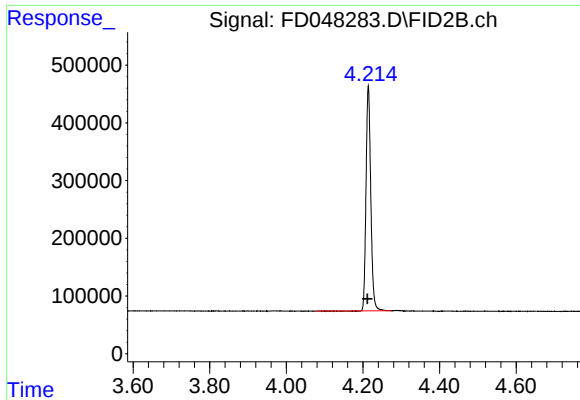
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024

Integration File: autoint1.e
Quant Time: Sep 06 12:05:57 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090624.M
Quant Title : GC Extractables
QLast Update : Fri Sep 06 11:53:01 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





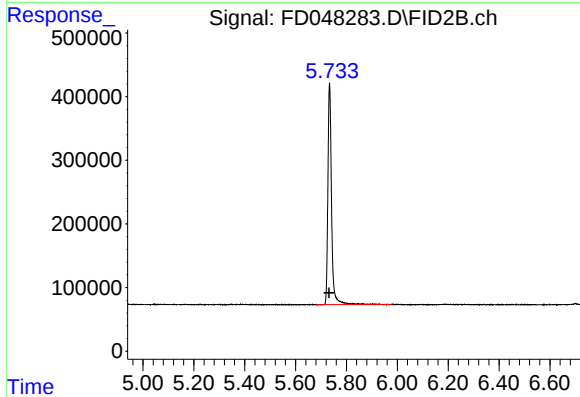
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.214 min
Delta R.T.: 0.002 min
Response: 3347073
Conc: 18.97 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD ICV

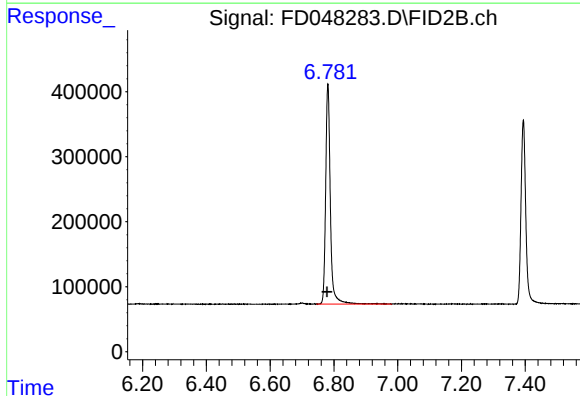
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024



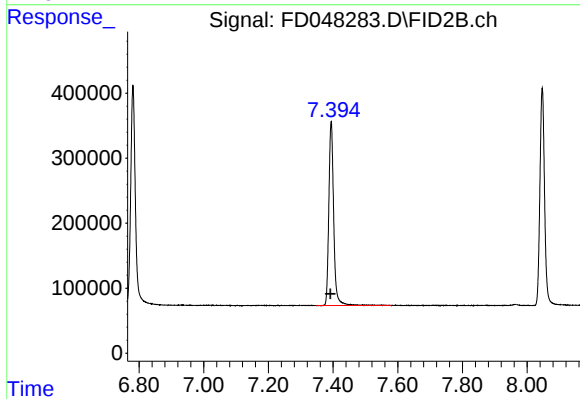
#2 Naphthalene (C11.7)

R.T.: 5.734 min
Delta R.T.: 0.002 min
Response: 3476244
Conc: 19.22 ug/ml



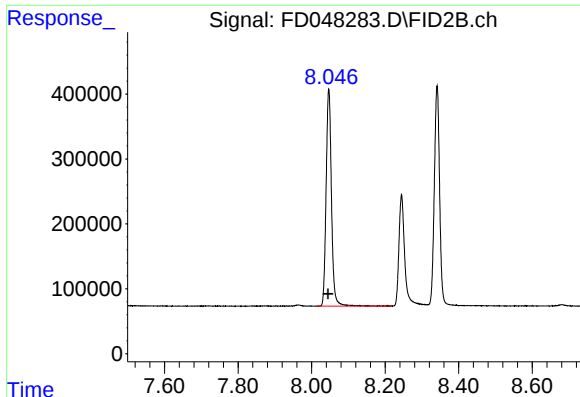
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.781 min
Delta R.T.: 0.002 min
Response: 3463769
Conc: 19.36 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.394 min
Delta R.T.: 0.003 min
Response: 2948973
Conc: 19.44 ug/ml



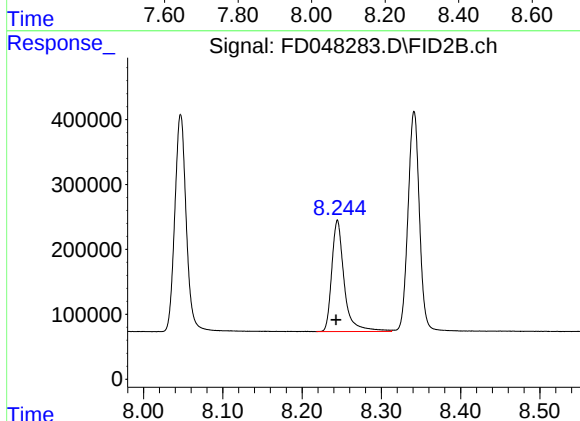
#5 Acenaphthylene (C15.06)

R.T.: 8.047 min
Delta R.T.: 0.002 min
Response: 3379188
Conc: 19.34 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD ICV

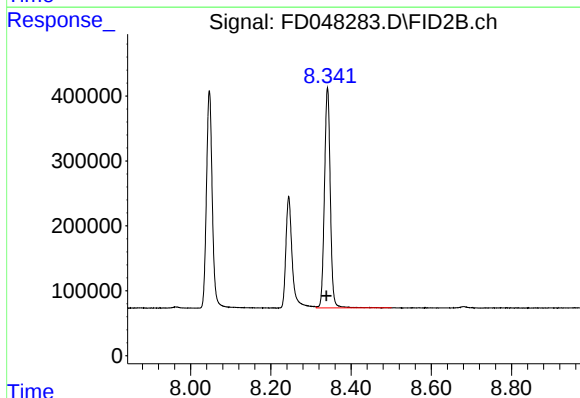
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024



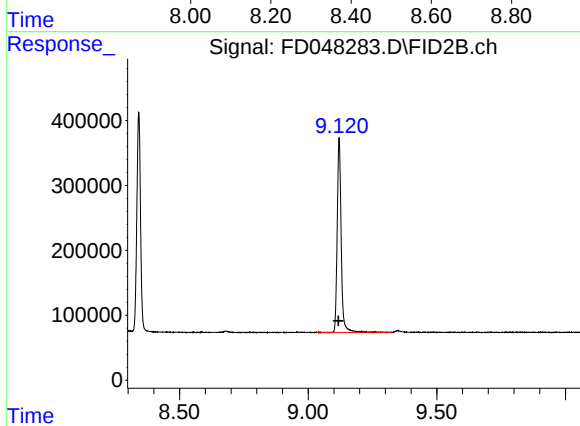
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.245 min
Delta R.T.: 0.002 min
Response: 1873322
Conc: 19.61 ug/ml



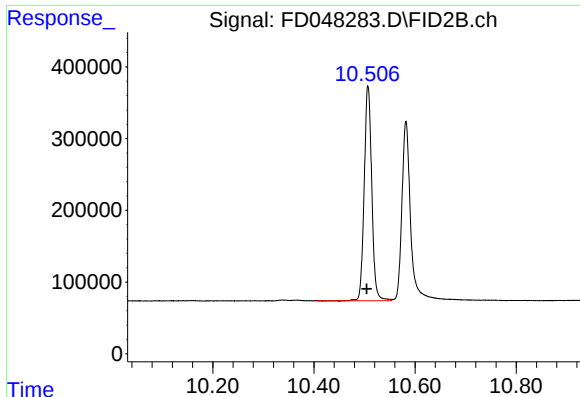
#7 Acenaphthene (C15.5)

R.T.: 8.341 min
Delta R.T.: 0.002 min
Response: 3428384
Conc: 19.28 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.120 min
Delta R.T.: 0.003 min
Response: 3240561
Conc: 19.35 ug/ml



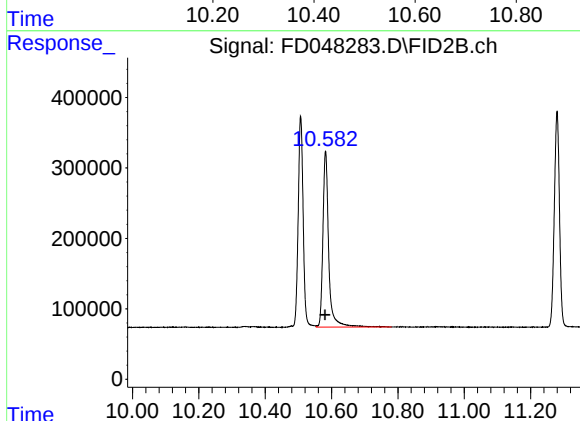
#9 Phenanthrene (C19.36)

R.T.: 10.507 min
Delta R.T.: 0.003 min
Response: 3104983
Conc: 19.23 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD ICV

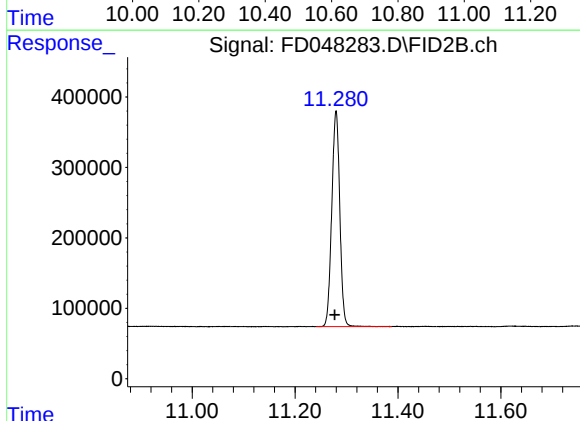
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024



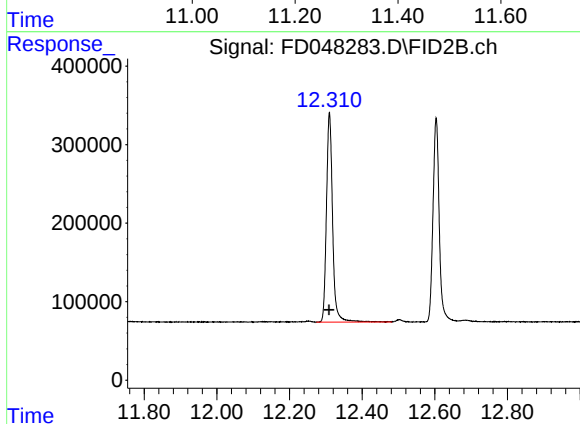
#10 Anthracene (C19.43)

R.T.: 10.582 min
Delta R.T.: 0.002 min
Response: 3038526
Conc: 19.09 ug/ml



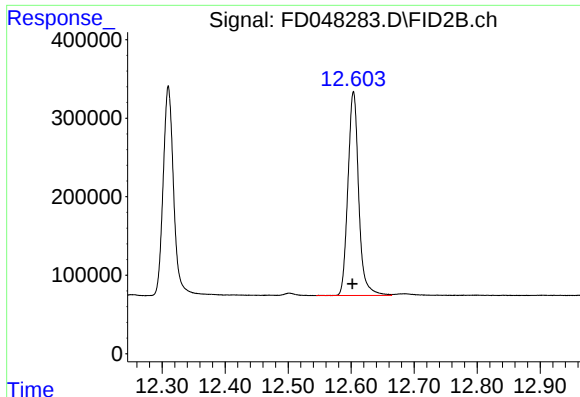
#11 ortho-Terphenyl (SURR)

R.T.: 11.280 min
Delta R.T.: 0.002 min
Response: 3312038
Conc: 19.30 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.310 min
Delta R.T.: 0.001 min
Response: 3131576
Conc: 19.32 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.604 min
Delta R.T.: 0.002 min
Response: 3086017
Conc: 19.25 ug/ml

Instrument :

FID_D

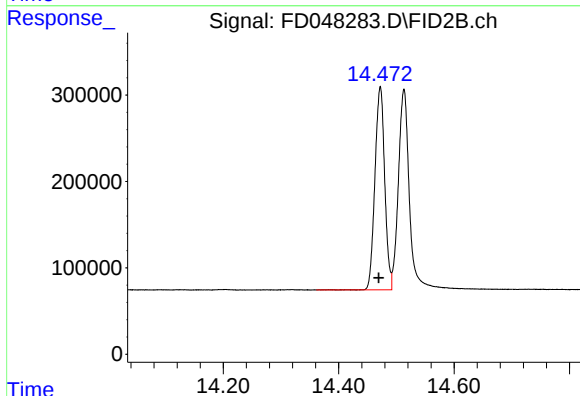
ClientSampleId :

20 PPM AROMATIC HC STD ICV

Manual Integrations

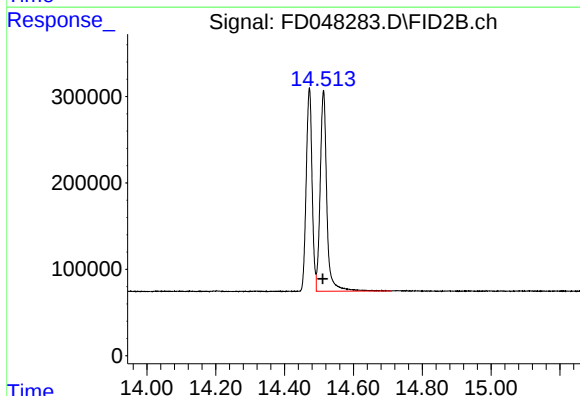
APPROVED

Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024



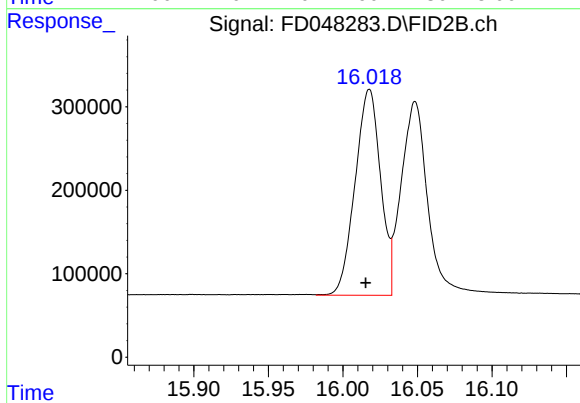
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.472 min
Delta R.T.: 0.002 min
Response: 2769113
Conc: 19.77 ug/ml



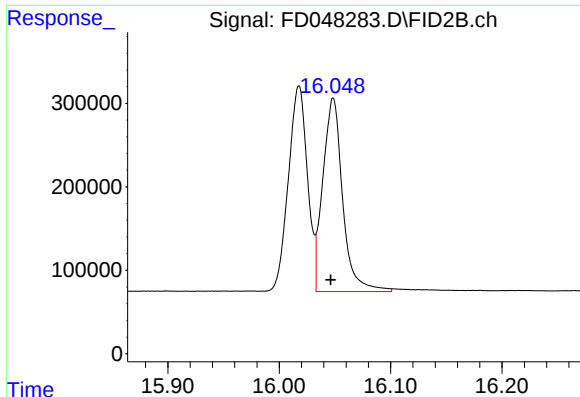
#15 Chrysene (C27.41)

R.T.: 14.513 min
Delta R.T.: 0.002 min
Response: 3118233
Conc: 18.93 ug/ml



#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.018 min
Delta R.T.: 0.002 min
Response: 2947909
Conc: 19.84 ug/ml m



#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.048 min
Delta R.T.: 0.002 min
Response: 2845488
Conc: 18.48 ug/ml

Instrument :

FID_D

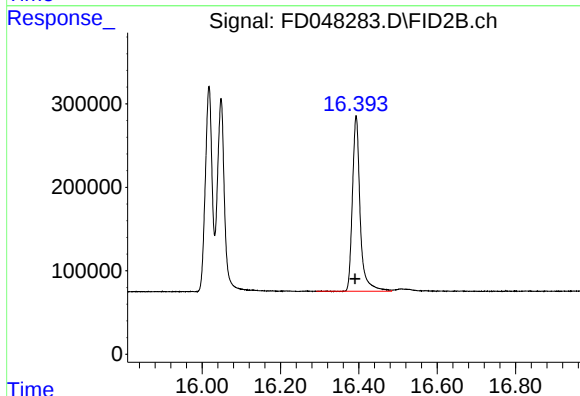
ClientSampleId :

20 PPM AROMATIC HC STD ICV

Manual Integrations

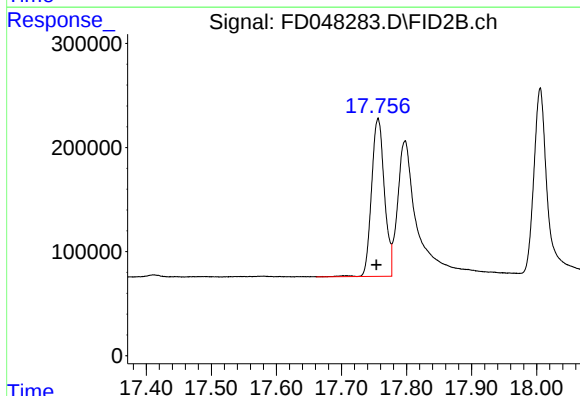
APPROVED

Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024



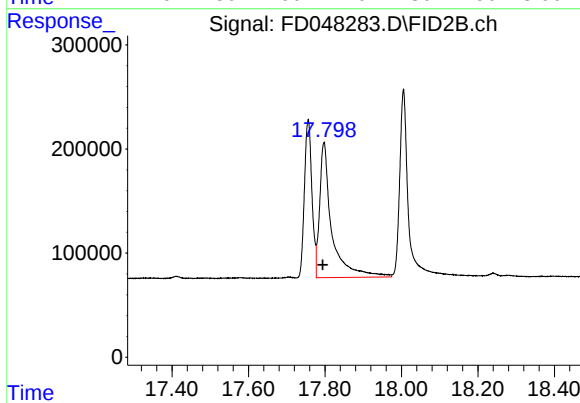
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.393 min
Delta R.T.: 0.002 min
Response: 2883681
Conc: 19.49 ug/ml



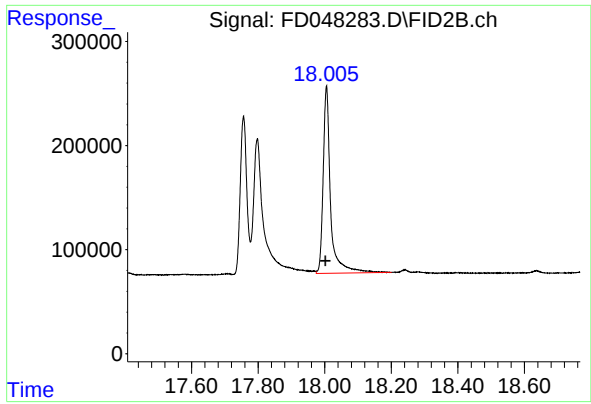
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.756 min
Delta R.T.: 0.003 min
Response: 2081112
Conc: 18.42 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.798 min
Delta R.T.: 0.003 min
Response: 2879324
Conc: 18.87 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.005 min
Delta R.T.: 0.002 min
Response: 2781536
Conc: 18.87 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD ICV

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024

rteres

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD ICV

Area Percent

Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data
Data File : FD048283.D
Signal(s) : FID2B.ch
Acq On : 06 Sep 2024 11:32
Sample : 20 PPM AROMATIC HC STD ICV
Misc :
ALS Vial : 66 Sample Multiplier: 1

Reviewed By :Yogesh Patel 09/09/2024
Supervised By :Ankita Jodhani 09/09/2024

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH
090624.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.214	4.078	4.275	BV	387289	3347073	96.28%	5.303%
2	5.734	5.681	5.978	BB	345981	3476244	100.00%	5.508%
3	6.781	6.744	6.981	VV	338134	3463769	99.64%	5.488%
4	7.394	7.348	7.581	BB	283335	2948973	84.83%	4.673%
5	8.047	8.013	8.218	PV	335114	3379188	97.21%	5.354%
6	8.245	8.218	8.313	PV	170828	1873322	53.89%	2.968%
7	8.341	8.313	8.501	VB	339347	3428384	98.62%	5.432%
8	9.120	9.031	9.324	BV	298772	3240561	93.22%	5.135%
9	10.507	10.404	10.554	BV	298574	3104983	89.32%	4.920%
10	10.582	10.554	10.781	VB	249443	3038526	87.41%	4.814%
11	11.280	11.241	11.388	BV	305841	3312038	95.28%	5.248%
12	12.310	12.273	12.481	PV	264804	3131576	90.09%	4.962%
13	12.604	12.544	12.664	PV	260573	3086017	88.77%	4.890%
14	14.472	14.361	14.492	BV	234664	2769113	79.66%	4.388%
15	14.513	14.492	14.711	VV	234434	3118233	89.70%	4.941%
16	16.018	15.986	16.034	M	246315	2992925	86.10%	4.742%
17	16.048	16.034	16.109	M	231216	2775565	79.84%	4.398%
18	16.393	16.291	16.484	BV	210910	2883681	82.95%	4.569%
19	17.756	17.661	17.777	BV	151715	2081112	59.87%	3.297%
20	17.798	17.777	17.974	VV	129702	2879324	82.83%	4.562%
21	18.005	17.974	18.201	VBA	179082	2781536	80.02%	4.407%
Sum of corrected areas:						63112144		

Aromatic EPH 090624.M Sat Sep 07 00:39:17 2024