

Initial Calibration Report for SequenceID : FF093024AR

AreaCount

Parameter Range	FF014570.D	FF014571.D	FF014572.D	FF014573.D	FF014574.D	
Aromatic C10-C12	25653677.000	13151227.000	5274923.000	2559196.000	1306815.000	
Aromatic C12-C16	39110849.000	19908721.000	7835067.000	3819595.000	1975279.000	
Aromatic C16-C21	48773209.000	24754002.000	9686066.000	4581293.000	2298527.000	
Aromatic C21-C36	95488066.000	50883653.000	20393793.000	9778629.000	4837418.000	
Aromatic EPH	209025801.000	108697603.000	43189849.000	20738713.000	10418039.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aromatic C10-C12	130059.006	1.407				
Aromatic C12-C16	130536.7706662	1.555				
Aromatic C16-C21	119247.5065	3.556				
Aromatic C21-C36	109724.219333	2.997				
Aromatic EPH	117568.6846662	2.208				

Concentration

Parameter Range	FF014570.D	FF014571.D	FF014572.D	FF014573.D	FF014574.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	FF014570.D	FF014571.D	FF014572.D	FF014573.D	FF014574.D	
Aromatic C10-C12	128268.385000	131512.270000	131873.075000	127959.800000	130681.500000	
Aromatic C12-C16	130369.496666	132724.806666	130584.450000	127319.833333	131685.266666	
Aromatic C16-C21	121933.022500	123770.010000	121075.825000	114532.325000	114926.350000	
Aromatic C21-C36	106097.851111	113074.784444	113298.850000	108651.433333	107498.177777	
Aromatic EPH	116125.445000	120775.114444	119971.802777	115215.072222	115755.988888	

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF093024AR\
 Data File : FF014570.D
 Signal(s) : FID2B.ch
 Acq On : 30 Sep 2024 18:18
 Operator : YP\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Integration File: autoint1.e
 Quant Time: Oct 01 10:46:46 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 093024.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 10:46:35 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...	7.865	11124158	100.609 ug/ml
Spiked Amount 50.000		Recovery =	201.22%
6) S 2-Fluorobiphenyl (SURR)	8.735	7242377	106.023 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	212.05%#
11) S ortho-Terphenyl (SURR)	11.799	13199509	98.061 ug/ml
Spiked Amount 50.000		Recovery =	196.12%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.477	12592243	97.287 ug/ml
2) T Naphthalene (C11.7)	6.142	13061434	99.928 ug/ml
3) T 2-Methylnaphthalene (...)	7.238	13016572	101.126 ug/ml
5) T Acenaphthylene (C15.06)	8.537	12911159	99.810 ug/ml
7) T Acenaphthene (C15.5)	8.838	13183118	98.856 ug/ml
8) T Fluorene (C16.55)	9.625	12360128	101.574 ug/ml
9) T Phenanthrene (C19.36)	11.029	12326895	102.408 ug/ml
10) T Anthracene (C19.43)	11.104	11694077	98.283 ug/ml
12) T Fluoranthene (C21.85)	12.848	12545702	100.489 ug/ml
13) T Pyrene (C20.8)	13.146	12392109	99.155 ug/ml
14) T Benzo[a]anthracene (C...	15.024	10522480	104.770 ug/ml
15) T Chrysene (C27.41)	15.070	11952729	91.368 ug/ml
16) T benzo[b]fluoranthene ...	16.581	11363968	104.020 ug/ml
17) T Bnezo[k]fluoranthene ...	16.618	11239238	93.011 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.962	10984448	100.324 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.328	7987230	111.705 ug/ml
20) T Dibenz[a,h]anthracene...	18.362	8162878	81.310 ug/ml
21) T Benzo[g,h,i]perylene ...	18.588	10729393	91.504 ug/ml

(f)=RT Delta > 1/2 Window

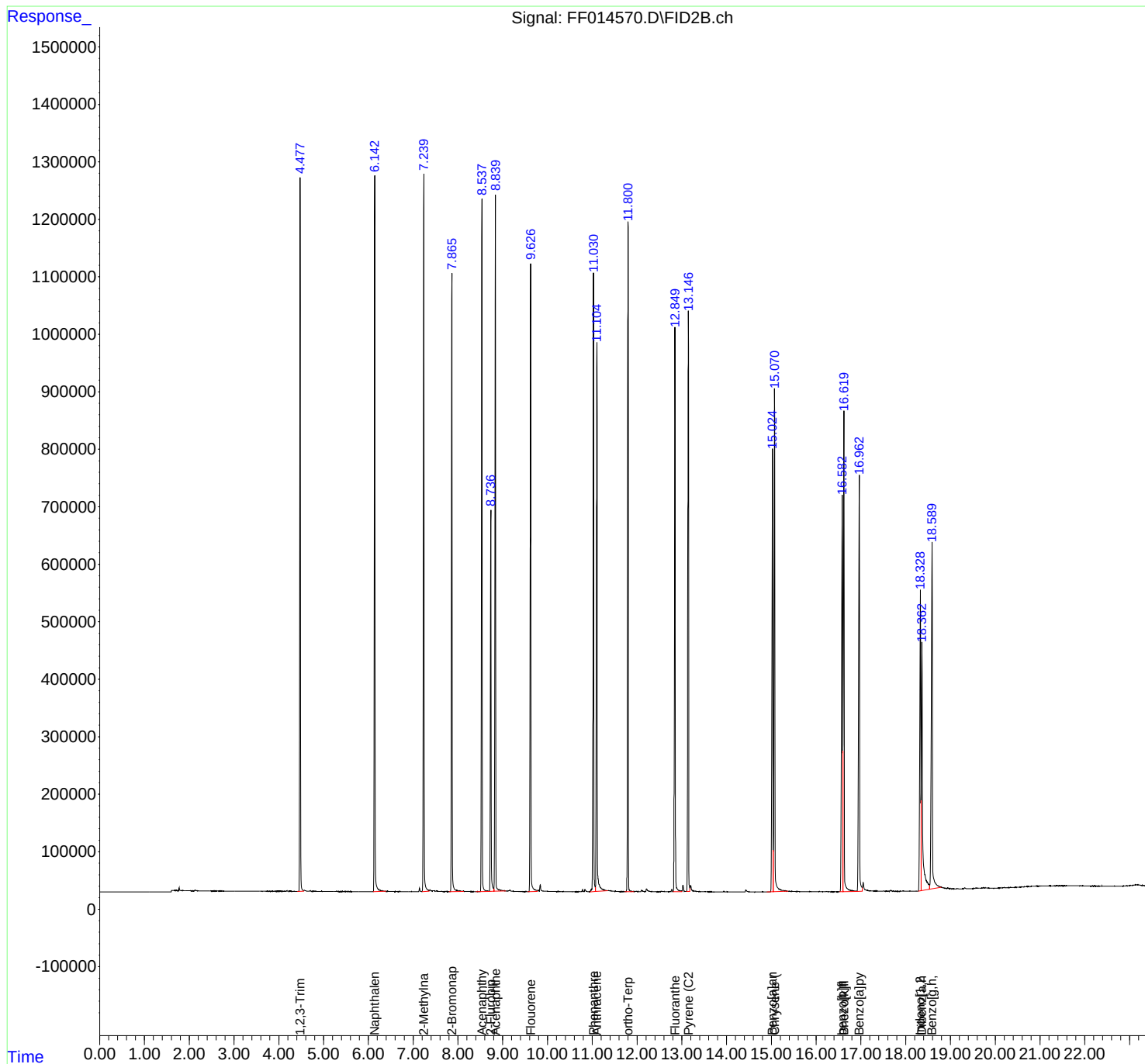
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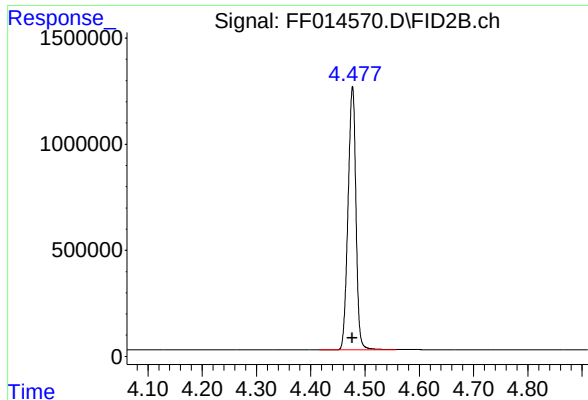
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF093024AR\
Data File : FF014570.D
Signal(s) : FID2B.ch
Acq On : 30 Sep 2024 18:18
Operator : YP\AJ
Sample : 100 PPM AROMATIC HC STD1
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
100 PPM AROMATIC HC STD1

Integration File: autoint1.e
Quant Time: Oct 01 10:46:46 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 093024.M
Quant Title : GC Extractables
QLast Update : Tue Oct 01 10:46:35 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)

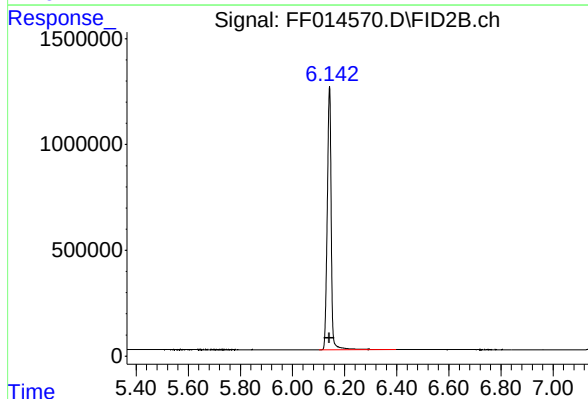
R.T.: 4.477 min
Delta R.T.: 0.000 min
Response: 12592243
Conc: 97.29 ug/ml

Instrument :

FID_F

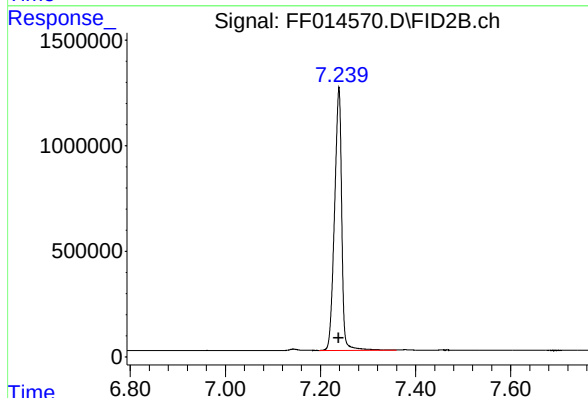
ClientSampleId :

100 PPM AROMATIC HC STD1



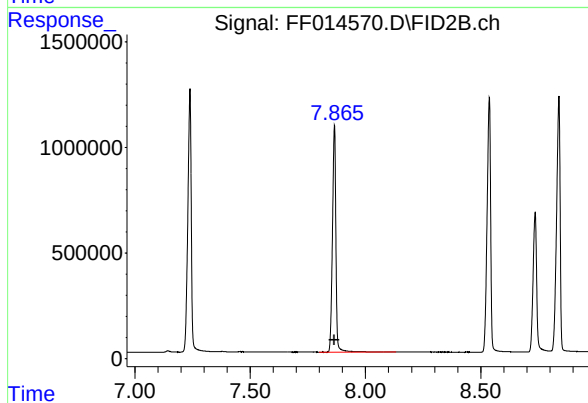
#2 Naphthalene (C11.7)

R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 13061434
Conc: 99.93 ug/ml



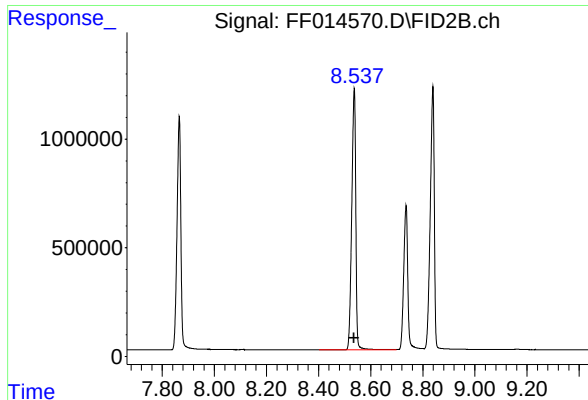
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.238 min
Delta R.T.: 0.000 min
Response: 13016572
Conc: 101.13 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.865 min
Delta R.T.: 0.000 min
Response: 11124158
Conc: 100.61 ug/ml



#5 Acenaphthylene (C15.06)

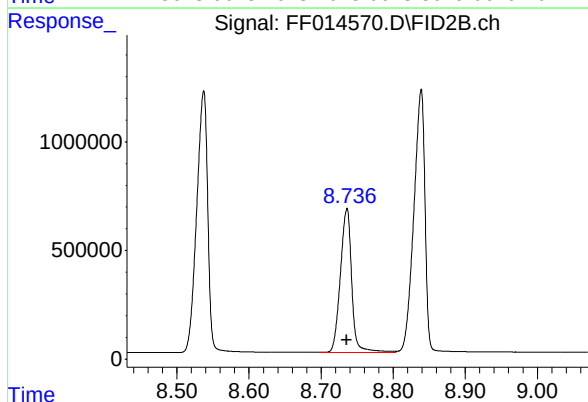
R.T.: 8.537 min
Delta R.T.: 0.000 min
Response: 12911159
Conc: 99.81 ug/ml

Instrument :

FID_F

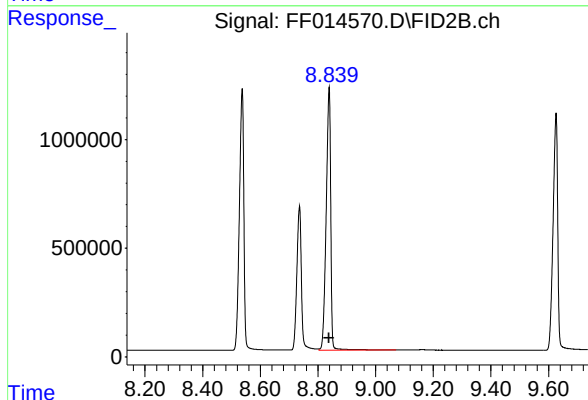
ClientSampleId :

100 PPM AROMATIC HC STD1



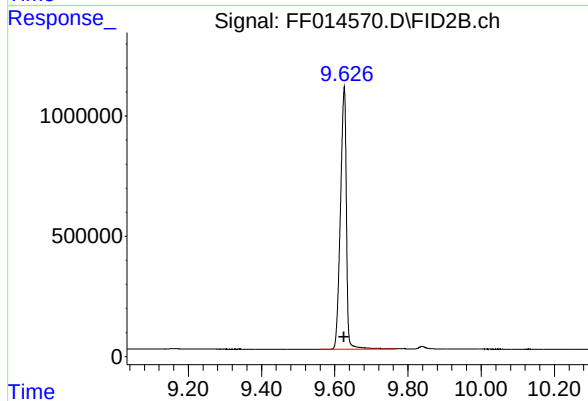
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.735 min
Delta R.T.: 0.000 min
Response: 7242377
Conc: 106.02 ug/ml



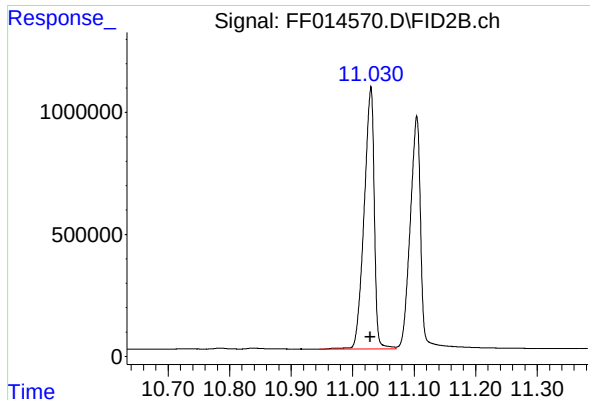
#7 Acenaphthene (C15.5)

R.T.: 8.838 min
Delta R.T.: 0.000 min
Response: 13183118
Conc: 98.86 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.625 min
Delta R.T.: 0.000 min
Response: 12360128
Conc: 101.57 ug/ml



#9 Phenanthrene (C19.36)

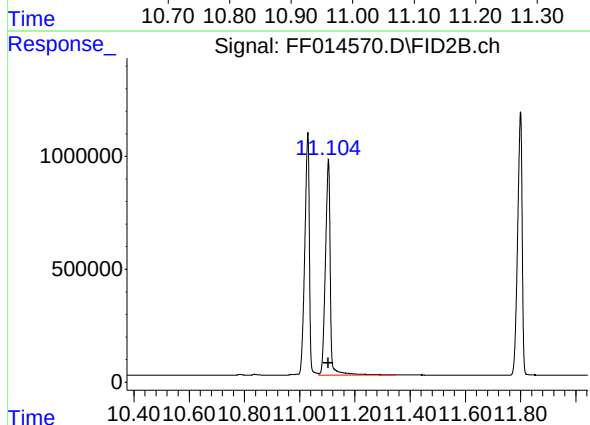
R.T.: 11.029 min
Delta R.T.: 0.000 min
Response: 12326895
Conc: 102.41 ug/ml

Instrument :

FID_F

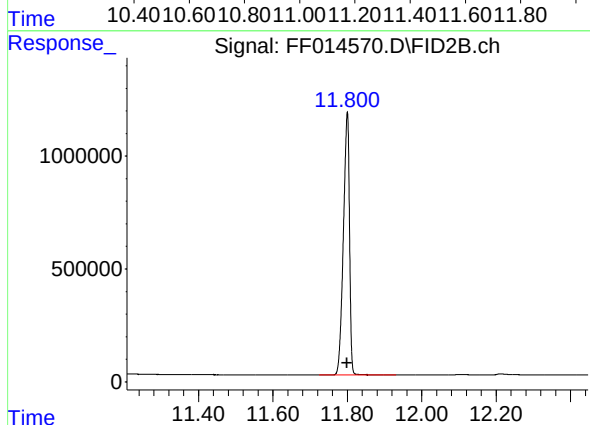
ClientSampleId :

100 PPM AROMATIC HC STD1



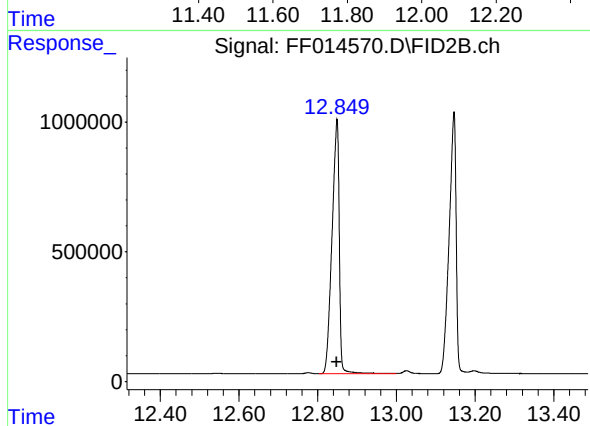
#10 Anthracene (C19.43)

R.T.: 11.104 min
Delta R.T.: 0.000 min
Response: 11694077
Conc: 98.28 ug/ml



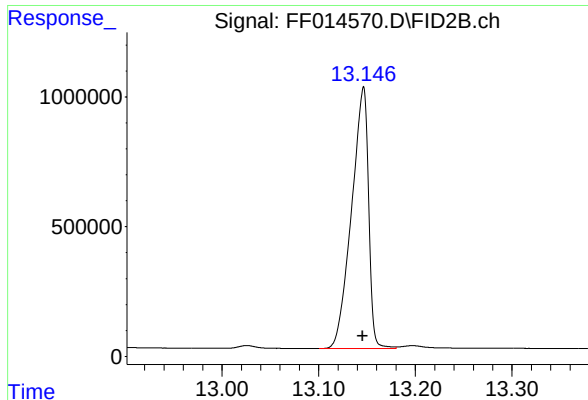
#11 ortho-Terphenyl (SURR)

R.T.: 11.799 min
Delta R.T.: 0.000 min
Response: 13199509
Conc: 98.06 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.848 min
Delta R.T.: 0.000 min
Response: 12545702
Conc: 100.49 ug/ml



#13 Pyrene (C20.8)

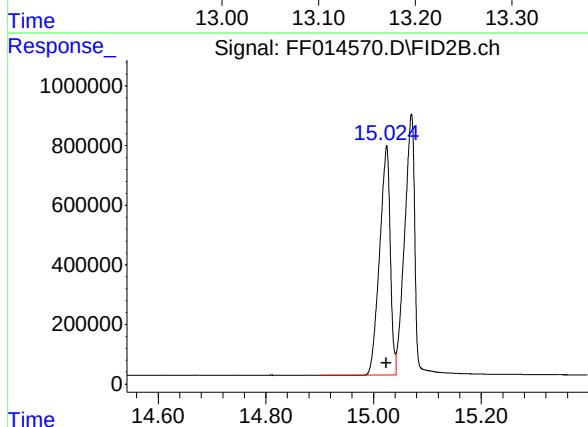
R.T.: 13.146 min
Delta R.T.: 0.000 min
Response: 12392109
Conc: 99.16 ug/ml

Instrument :

FID_F

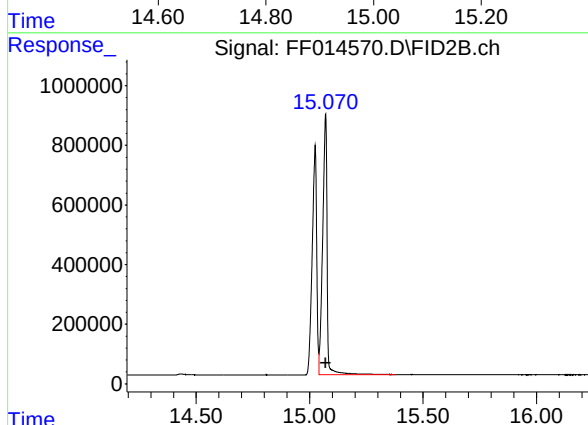
ClientSampleId :

100 PPM AROMATIC HC STD1



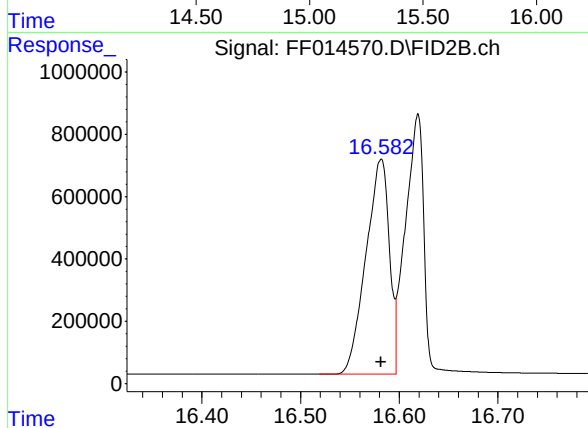
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.024 min
Delta R.T.: 0.000 min
Response: 10522480
Conc: 104.77 ug/ml



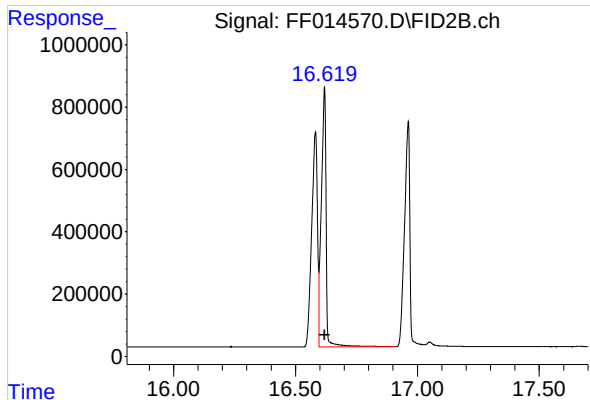
#15 Chrysene (C27.41)

R.T.: 15.070 min
Delta R.T.: 0.000 min
Response: 11952729
Conc: 91.37 ug/ml



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

R.T.: 16.581 min
Delta R.T.: 0.000 min
Response: 11363968
Conc: 104.02 ug/ml



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

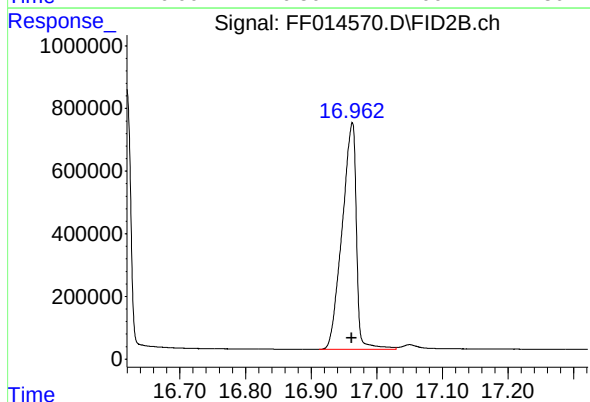
R.T.: 16.618 min
Delta R.T.: 0.000 min
Response: 11239238
Conc: 93.01 ug/ml

Instrument :

FID_F

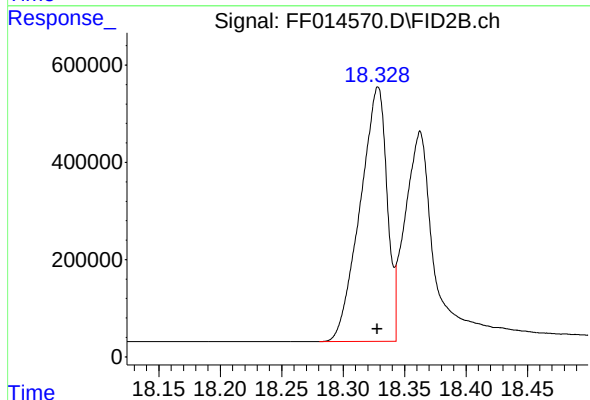
ClientSampleId :

100 PPM AROMATIC HC STD1



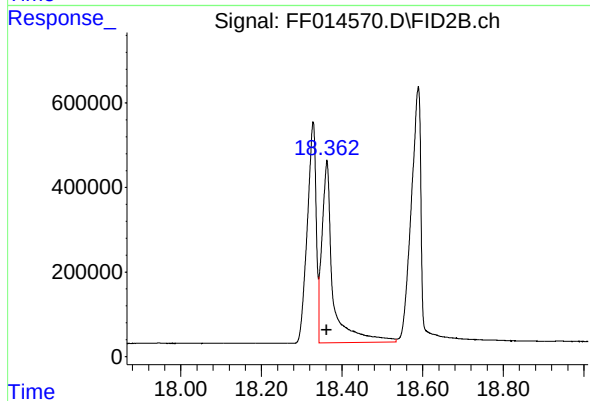
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.962 min
Delta R.T.: 0.000 min
Response: 10984448
Conc: 100.32 ug/ml



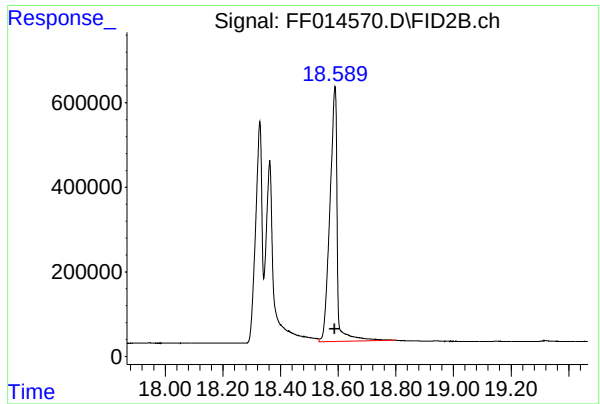
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.328 min
Delta R.T.: 0.000 min
Response: 7987230
Conc: 111.71 ug/ml



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

R.T.: 18.362 min
Delta R.T.: 0.000 min
Response: 8162878
Conc: 81.31 ug/ml



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

R.T.: 18.588 min
Delta R.T.: 0.000 min
Response: 10729393
Conc: 91.50 ug/ml

Instrument :

FID_F

ClientSampleId :

100 PPM AROMATIC HC STD1

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF093024AR\
Data File : FF014570.D
Signal(s) : FID2B.ch
Acq On : 30 Sep 2024 18:18
Sample : 100 PPM AROMATIC HC STD1
Misc :
ALS Vial : 61 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 093024.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	4.477	4.415	4.557	BV	1244019	12592243	95.40%	5.234%
2	6.142	6.102	6.397	BB	1248110	13061434	98.95%	5.429%
3	7.238	7.197	7.359	PV	1250008	13016572	98.61%	5.410%
4	7.865	7.799	8.132	BB	1076925	11124158	84.28%	4.624%
5	8.537	8.402	8.697	BV	1207649	12911159	97.82%	5.366%
6	8.735	8.697	8.804	VV	659486	7242377	54.87%	3.010%
7	8.838	8.804	9.070	VB	1215350	13183118	99.88%	5.479%
8	9.625	9.557	9.767	BV	1088261	12360128	93.64%	5.137%
9	11.029	10.945	11.070	BV	1064608	12326895	93.39%	5.124%
10	11.104	11.070	11.349	VV	954912	11694077	88.59%	4.861%
11	11.799	11.724	11.930	BV	1163017	13199509	100.00%	5.486%
12	12.848	12.803	12.999	PV	982604	12545702	95.05%	5.215%
13	13.146	13.100	13.180	BV	998618	12392109	93.88%	5.151%
14	15.024	14.899	15.042	BV	767996	10522480	79.72%	4.374%
15	15.070	15.042	15.380	VB	879328	11952729	90.55%	4.968%
16	16.581	16.519	16.597	BV	692203	11363968	86.09%	4.723%
17	16.618	16.597	16.912	VV	837791	11239238	85.15%	4.671%
18	16.962	16.912	17.029	VV	723185	10984448	83.22%	4.566%
19	18.328	18.280	18.343	BV	525128	7987230	60.51%	3.320%
20	18.362	18.343	18.534	VV	430706	8162878	61.84%	3.393%
21	18.588	18.534	18.800	VBA	601490	10729393	81.29%	4.460%
Sum of corrected areas:						240591845		

Aromatic EPH 093024.M Wed Oct 02 04:25:24 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF093024AR\
 Data File : FF014571.D
 Signal(s) : FID2B.ch
 Acq On : 30 Sep 2024 18:47
 Operator : YP\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Oct 01 10:49:10 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 093024.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 10:48:36 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...	7.862	5627610	50.595 ug/ml
Spiked Amount 50.000		Recovery =	101.19%
6) S 2-Fluorobiphenyl (SURR)	8.732	3553355	51.328 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	102.66%
11) S ortho-Terphenyl (SURR)	11.794	6770139	50.197 ug/ml
Spiked Amount 50.000		Recovery =	100.39%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.474	6480103	50.043 ug/ml
2) T Naphthalene (C11.7)	6.139	6671124	50.687 ug/ml
3) T 2-Methylnaphthalene (...)	7.234	6577344	50.728 ug/ml
5) T Acenaphthylene (C15.06)	8.533	6558265	50.464 ug/ml
7) T Acenaphthene (C15.5)	8.832	6773112	50.523 ug/ml
8) T Fluorene (C16.55)	9.620	6268972	51.001 ug/ml
9) T Phenanthrene (C19.36)	11.022	6180548	50.890 ug/ml
10) T Anthracene (C19.43)	11.098	6070658	50.676 ug/ml
12) T Fluoranthene (C21.85)	12.840	6335302	50.494 ug/ml
13) T Pyrene (C20.8)	13.137	6233824	49.920 ug/ml
14) T Benzo[a]anthracene (C...	15.016	5337142	52.051 ug/ml
15) T Chrysene (C27.41)	15.058	6393849	49.244 ug/ml
16) T benzo[b]fluoranthene ...	16.573	5715467	51.521 ug/ml
17) T Bnezo[k]fluoranthene ...	16.605	6079429	49.536 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.951	5701002	51.360 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.319	3953467	53.407 ug/ml
20) T Dibenz[a,h]anthracene...	18.356	5369318	52.270 ug/ml
21) T Benzo[g,h,i]perylene ...	18.574	5998677	50.767 ug/ml

(f)=RT Delta > 1/2 Window

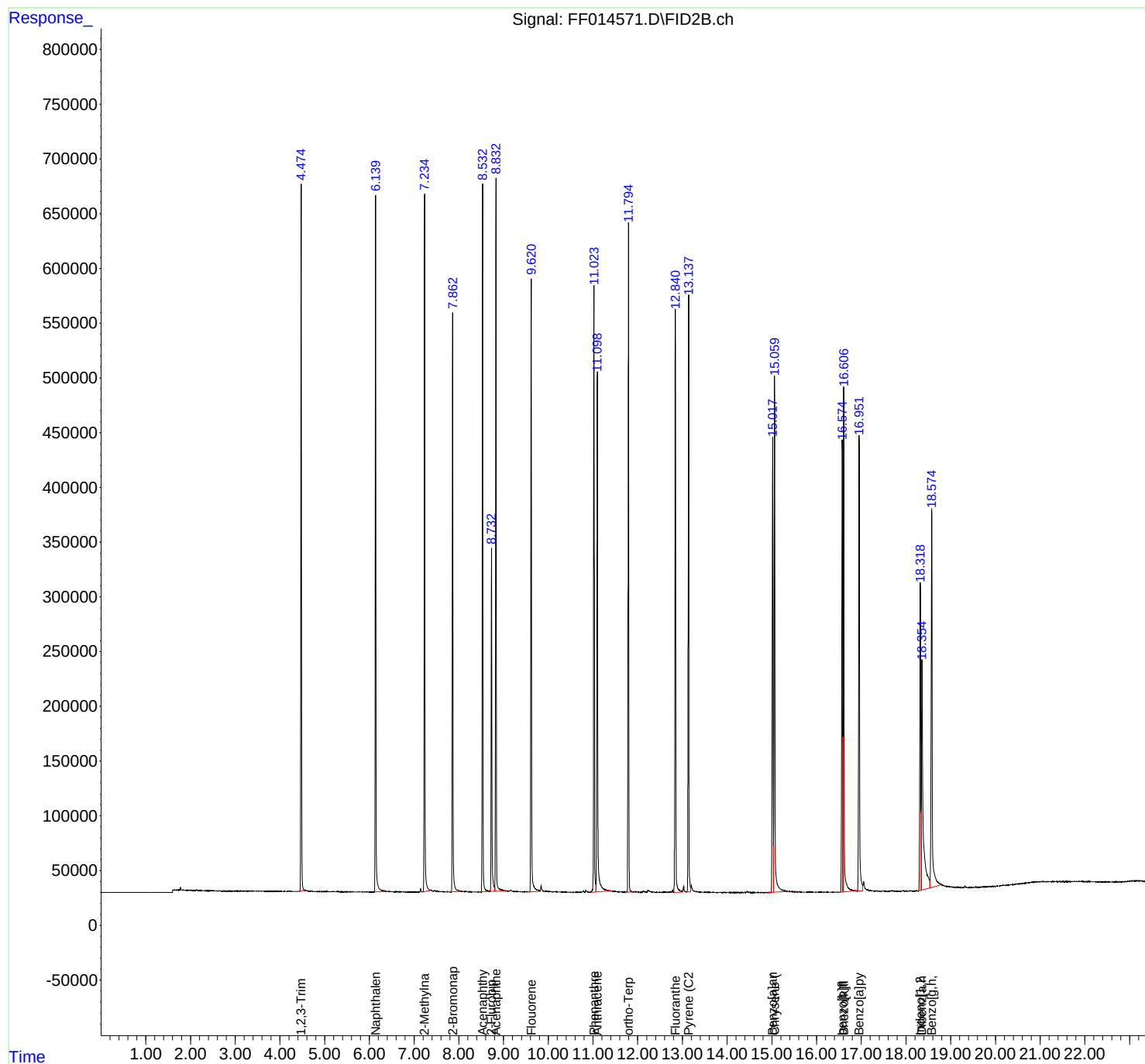
(m)=manual int.

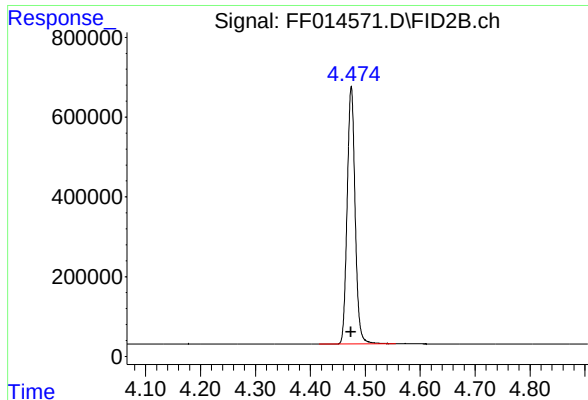
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF093024AR\
Data File : FF014571.D
Signal(s) : FID2B.ch
Acq On : 30 Sep 2024 18:47
Operator : YP\AJ
Sample : 50 PPM AROMATIC HC STD2
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2

Integration File: autoint1.e
Quant Time: Oct 01 10:49:10 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 093024.M
Quant Title : GC Extractables
QLast Update : Tue Oct 01 10:48:36 2024
Response via : Initial Calibration
Integrator: ChemStation

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

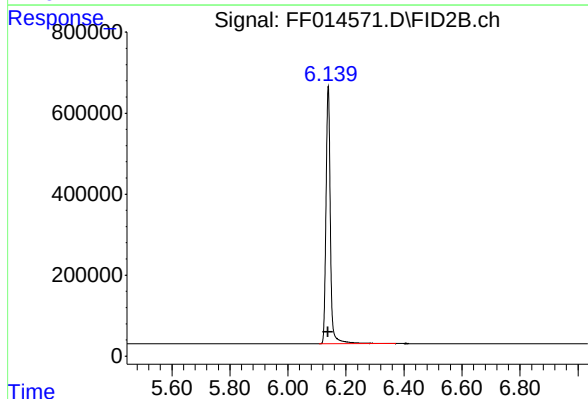




#1 1,2,3-Trimethylbenzene (C10.1)

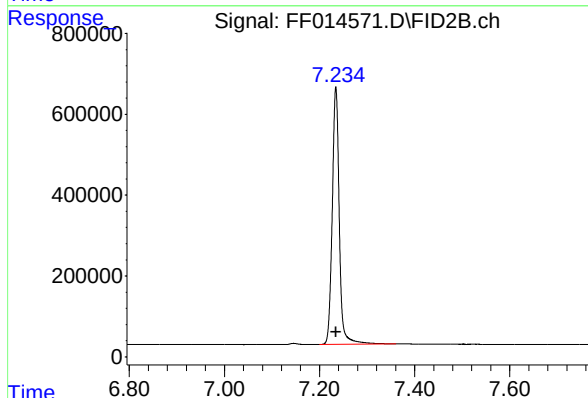
R.T.: 4.474 min
Delta R.T.: 0.000 min
Response: 6480103
Conc: 50.04 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



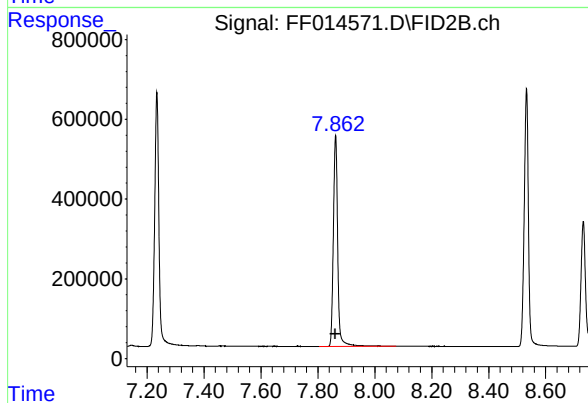
#2 Naphthalene (C11.7)

R.T.: 6.139 min
Delta R.T.: 0.000 min
Response: 6671124
Conc: 50.69 ug/ml



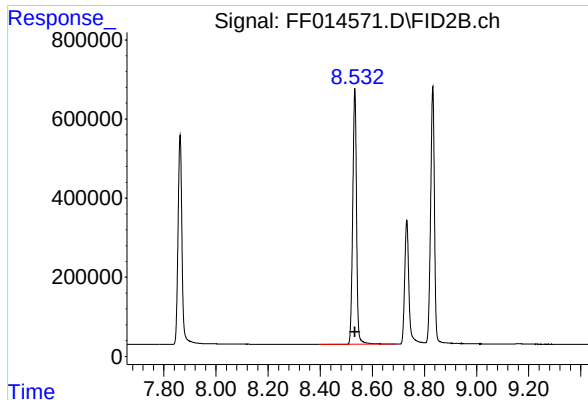
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.234 min
Delta R.T.: 0.000 min
Response: 6577344
Conc: 50.73 ug/ml



#4 2-Bromonaphthalene (SURR)

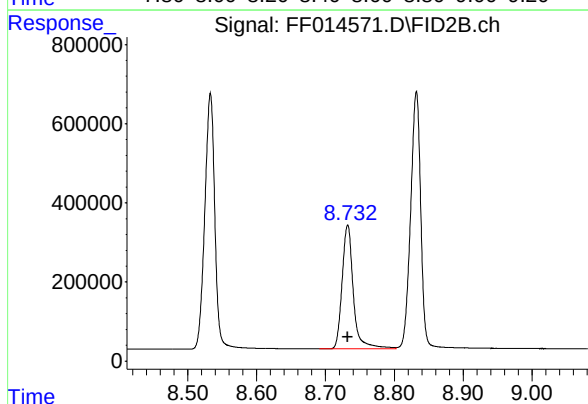
R.T.: 7.862 min
Delta R.T.: 0.000 min
Response: 5627610
Conc: 50.59 ug/ml



#5 Acenaphthylene (C15.06)

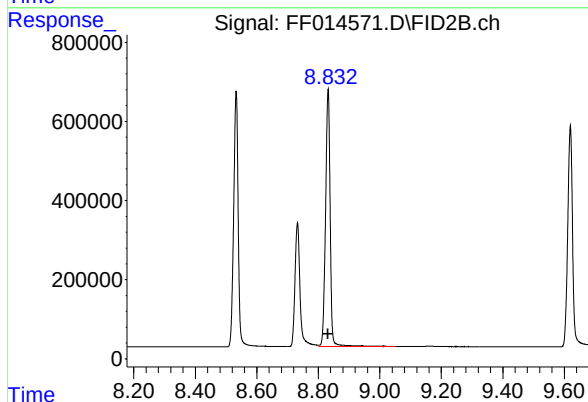
R.T.: 8.533 min
Delta R.T.: 0.000 min
Response: 6558265
Conc: 50.46 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



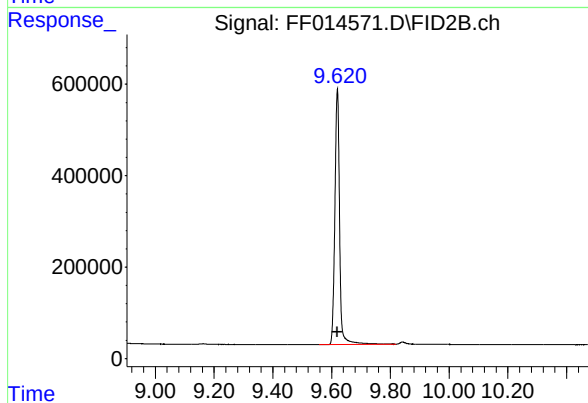
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.732 min
Delta R.T.: 0.000 min
Response: 3553355
Conc: 51.33 ug/ml



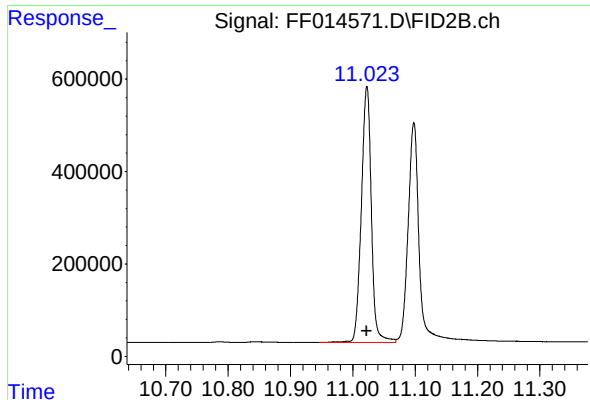
#7 Acenaphthene (C15.5)

R.T.: 8.832 min
Delta R.T.: 0.000 min
Response: 6773112
Conc: 50.52 ug/ml



#8 Fluorene (C16.55)

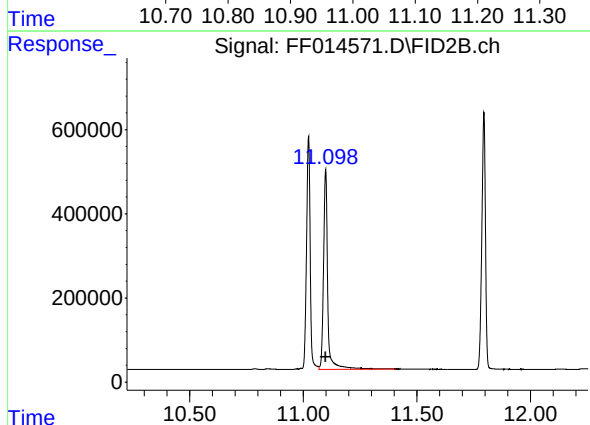
R.T.: 9.620 min
Delta R.T.: 0.000 min
Response: 6268972
Conc: 51.00 ug/ml



#9 Phenanthrene (C19.36)

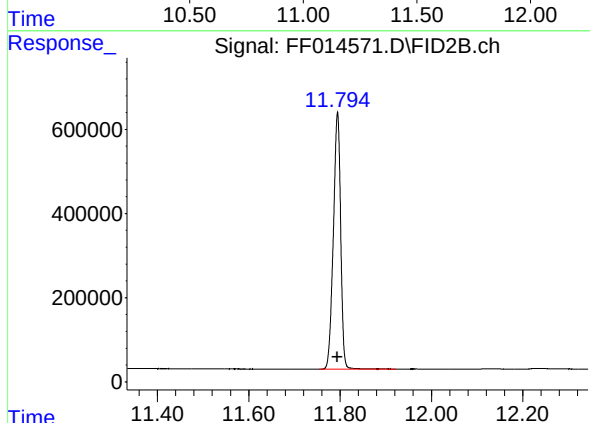
R.T.: 11.022 min
Delta R.T.: 0.000 min
Response: 6180548
Conc: 50.89 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



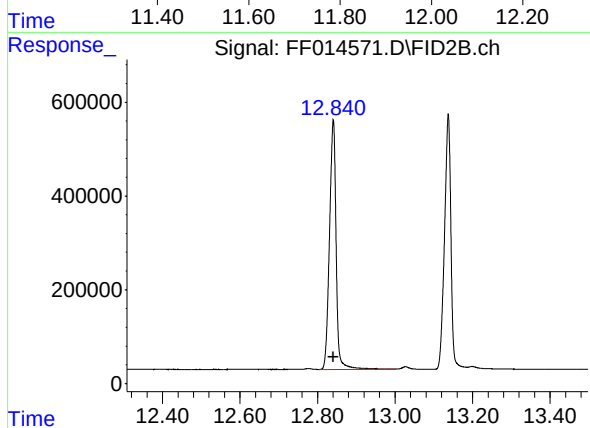
#10 Anthracene (C19.43)

R.T.: 11.098 min
Delta R.T.: 0.000 min
Response: 6070658
Conc: 50.68 ug/ml



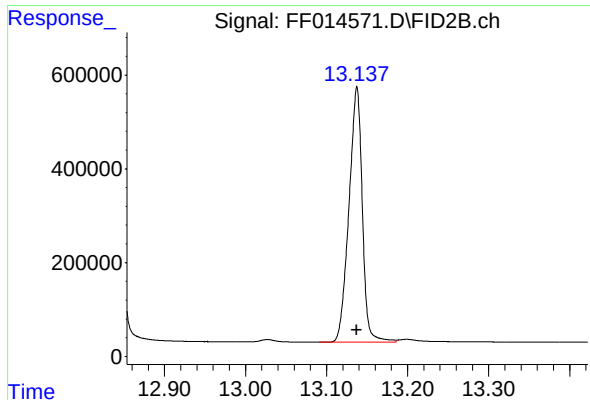
#11 ortho-Terphenyl (SURR)

R.T.: 11.794 min
Delta R.T.: 0.000 min
Response: 6770139
Conc: 50.20 ug/ml



#12 Fluoranthene (C21.85)

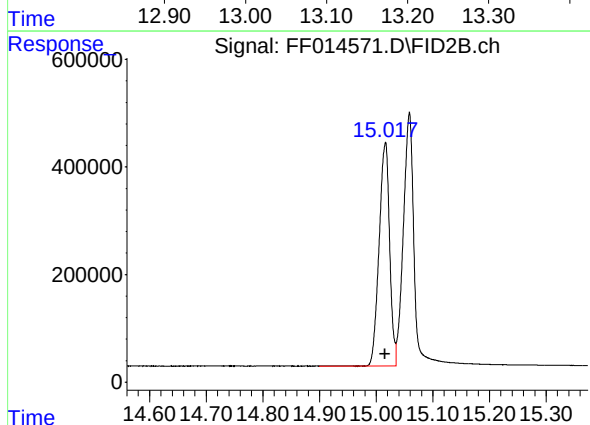
R.T.: 12.840 min
Delta R.T.: 0.000 min
Response: 6335302
Conc: 50.49 ug/ml



#13 Pyrene (C20.8)

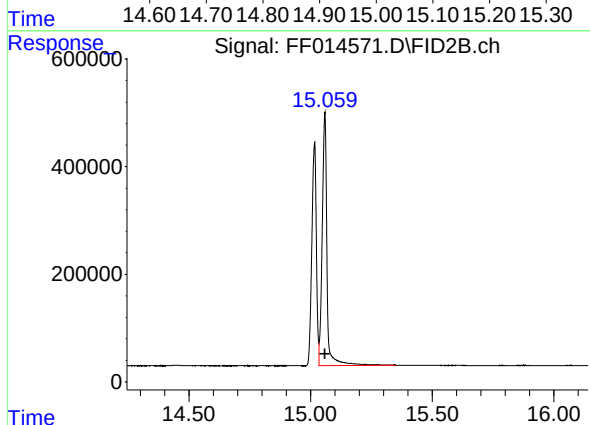
R.T.: 13.137 min
Delta R.T.: 0.000 min
Response: 6233824
Conc: 49.92 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



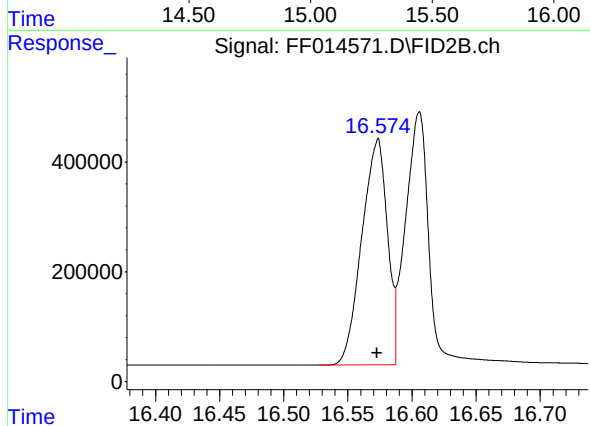
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.016 min
Delta R.T.: 0.000 min
Response: 5337142
Conc: 52.05 ug/ml



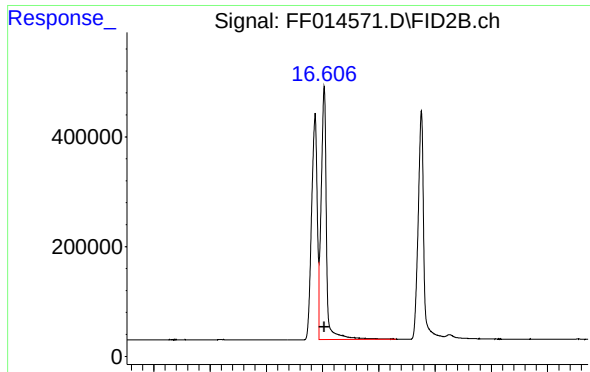
#15 Chrysene (C27.41)

R.T.: 15.058 min
Delta R.T.: 0.000 min
Response: 6393849
Conc: 49.24 ug/ml



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

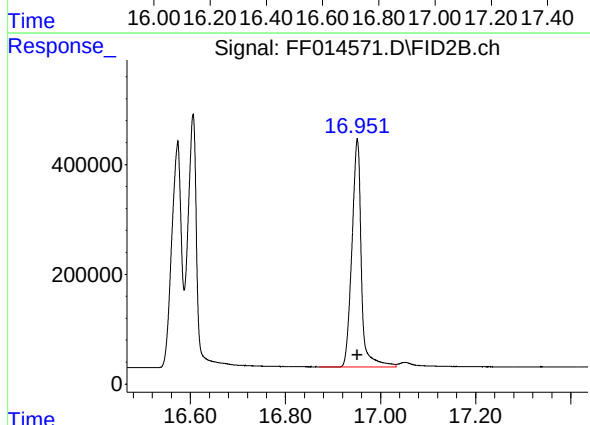
R.T.: 16.573 min
Delta R.T.: 0.000 min
Response: 5715467
Conc: 51.52 ug/ml



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

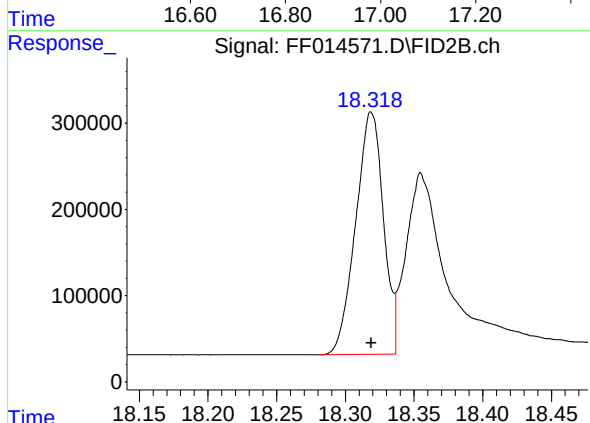
R.T.: 16.605 min
Delta R.T.: 0.000 min
Response: 6079429
Conc: 49.54 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



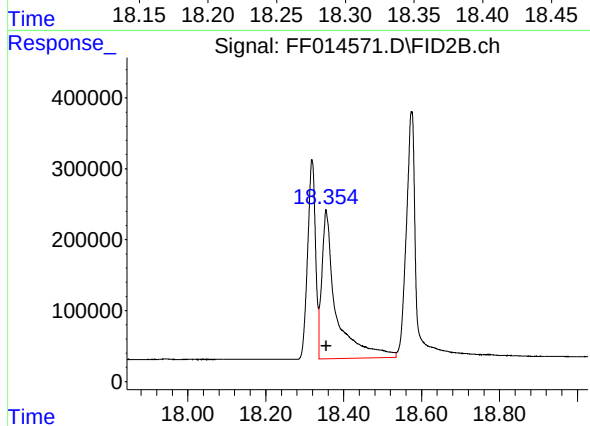
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.951 min
Delta R.T.: 0.000 min
Response: 5701002
Conc: 51.36 ug/ml



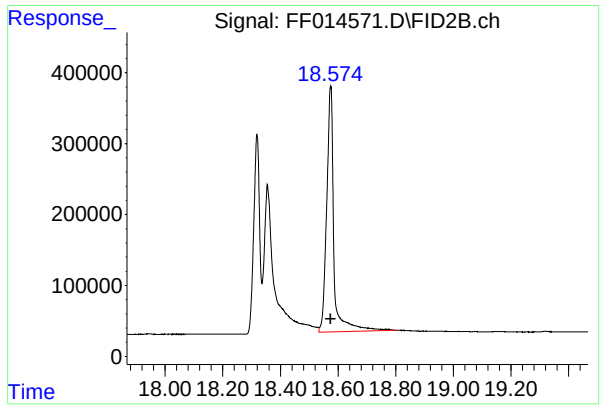
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.319 min
Delta R.T.: 0.000 min
Response: 3953467
Conc: 53.41 ug/ml



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

R.T.: 18.356 min
Delta R.T.: 0.000 min
Response: 5369318
Conc: 52.27 ug/ml



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

R.T.: 18.574 min
Delta R.T.: 0.000 min
Response: 5998677
Conc: 50.77 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF093024AR\
Data File : FF014571.D
Signal(s) : FID2B.ch
Acq On : 30 Sep 2024 18:47
Sample : 50 PPM AROMATIC HC STD2
Misc :
ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 093024.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	4.474	4.416	4.556	BV	644807	6480103	95.67%	5.199%
2	6.139	6.107	6.372	BB	637255	6671124	98.49%	5.352%
3	7.234	7.199	7.361	BV	636905	6577344	97.11%	5.277%
4	7.862	7.804	8.074	BB	530093	5627610	83.09%	4.515%
5	8.533	8.396	8.691	BB	646247	6558265	96.83%	5.261%
6	8.732	8.691	8.802	BV	313845	3553355	52.46%	2.851%
7	8.832	8.802	9.052	VB	653303	6773112	100.00%	5.434%
8	9.620	9.557	9.819	BV	558602	6268972	92.56%	5.029%
9	11.022	10.946	11.069	BV	554738	6180548	91.25%	4.958%
10	11.098	11.069	11.407	VB	475505	6070658	89.63%	4.870%
11	11.794	11.754	11.922	BB	611197	6770139	99.96%	5.431%
12	12.840	12.804	13.002	PV	534502	6335302	93.54%	5.083%
13	13.137	13.091	13.186	BV	546513	6233824	92.04%	5.001%
14	15.016	14.899	15.035	BV	414118	5337142	78.80%	4.282%
15	15.058	15.035	15.351	VB	474176	6393849	94.40%	5.129%
16	16.573	16.527	16.587	BV	407769	5715467	84.38%	4.585%
17	16.605	16.587	16.861	VB	462134	6079429	89.76%	4.877%
18	16.951	16.871	17.032	BV	415603	5701002	84.17%	4.574%
19	18.319	18.281	18.337	BV	280504	3953467	58.37%	3.172%
20	18.356	18.337	18.534	VV	207885	5369318	79.27%	4.308%
21	18.574	18.534	18.801	VBA	346181	5998677	88.57%	4.812%
Sum of corrected areas:						124648709		

Aromatic EPH 093024.M Wed Oct 02 04:26:20 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF093024AR\
 Data File : FF014572.D
 Signal(s) : FID2B.ch
 Acq On : 30 Sep 2024 19:17
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: Oct 01 10:18:48 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 093024.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 10:18:32 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...	7.861	2197883	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.733	1283897	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.791	2744297	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.474	2658885	20.000 ug/ml
2) T Naphthalene (C11.7)	6.139	2616038	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.234	2545328	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.530	2592081	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.829	2697658	20.000 ug/ml
8) T Fluorene (C16.55)	9.618	2395435	20.000 ug/ml
9) T Phenanthrene (C19.36)	11.019	2349422	20.000 ug/ml
10) T Anthracene (C19.43)	11.095	2420546	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.836	2484719	20.000 ug/ml
13) T Pyrene (C20.8)	13.133	2520663	20.000 ug/ml
14) T Benzo[a]anthracene (C...	15.011	1912884	20.000 ug/ml
15) T Chrysene (C27.41)	15.052	2842257	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.566	2097129	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.597	2683975	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.946	2182711	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.319	1262660	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.366	2383095	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.566	2544363	20.000 ug/ml

(f)=RT Delta > 1/2 Window

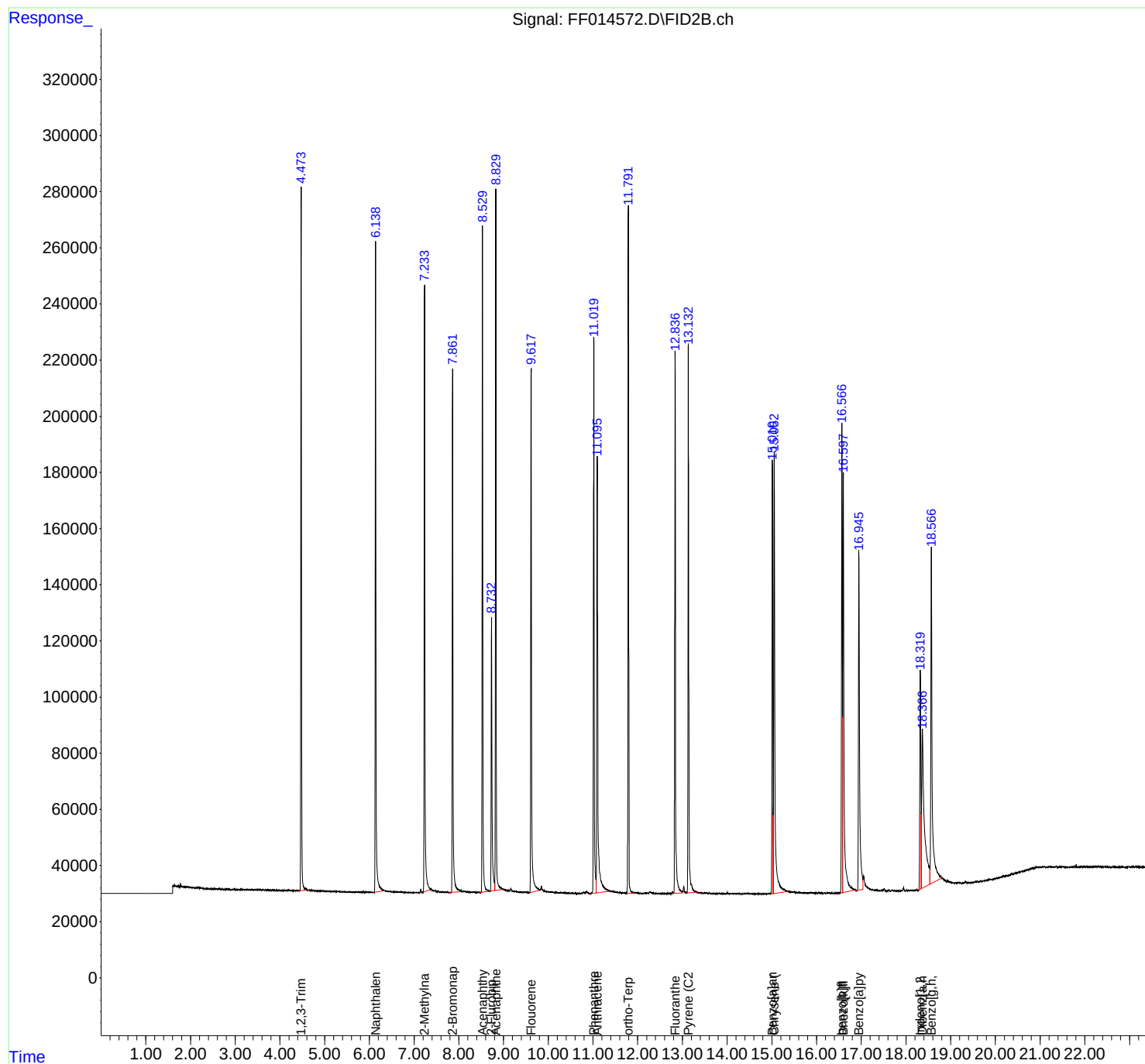
(m)=manual int.

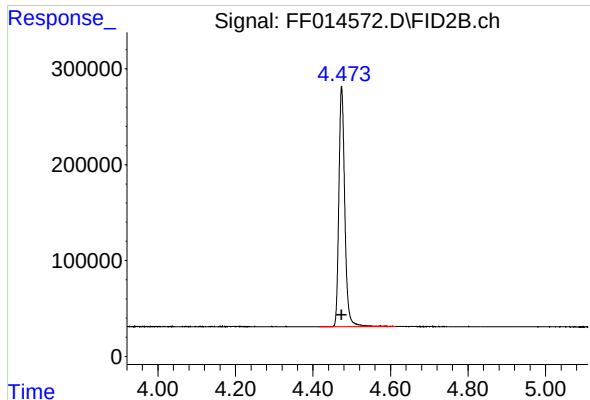
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF093024AR\
Data File : FF014572.D
Signal(s) : FID2B.ch
Acq On : 30 Sep 2024 19:17
Operator : YP\AJ
Sample : 20 PPM AROMATIC HC STD3
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3

Integration File: autoint1.e
Quant Time: Oct 01 10:18:48 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 093024.M
Quant Title : GC Extractables
QLast Update : Tue Oct 01 10:18:32 2024
Response via : Initial Calibration
Integrator: ChemStation

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

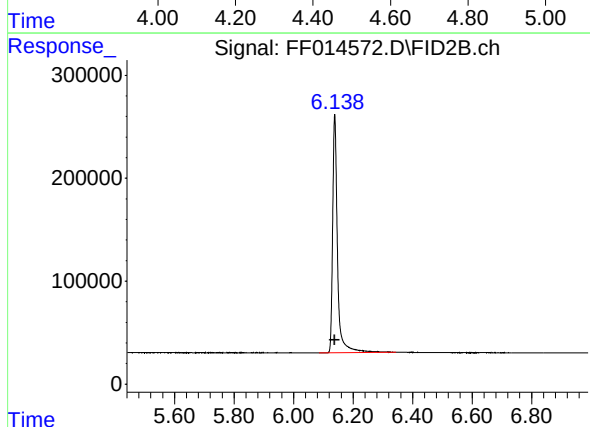




#1 1,2,3-Trimethylbenzene (C10.1)

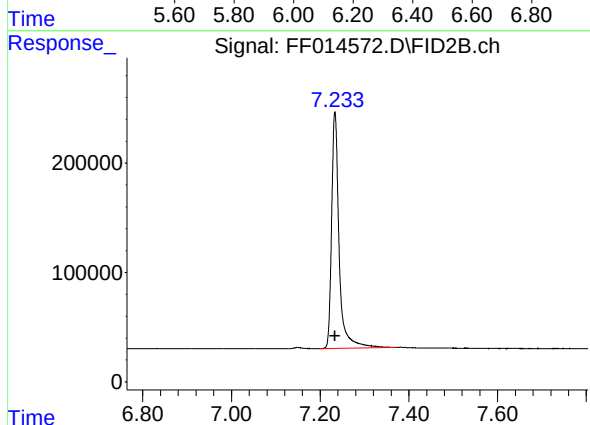
R.T.: 4.474 min
Delta R.T.: 0.000 min
Response: 2658885
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



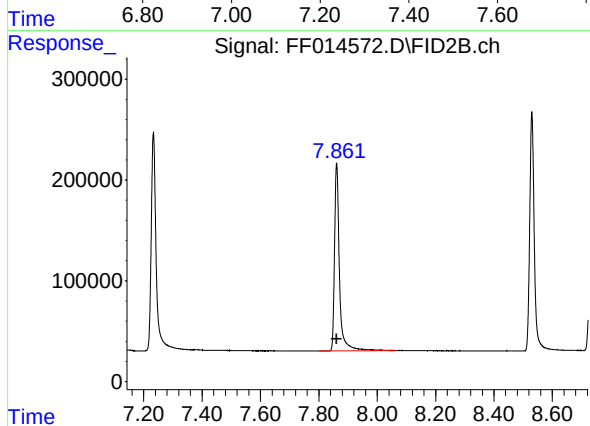
#2 Naphthalene (C11.7)

R.T.: 6.139 min
Delta R.T.: 0.000 min
Response: 2616038
Conc: 20.00 ug/ml



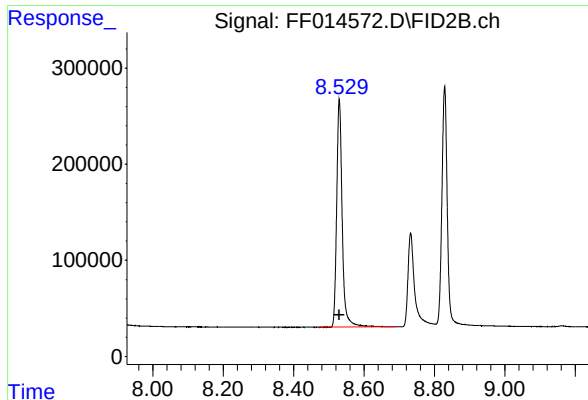
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.234 min
Delta R.T.: 0.000 min
Response: 2545328
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

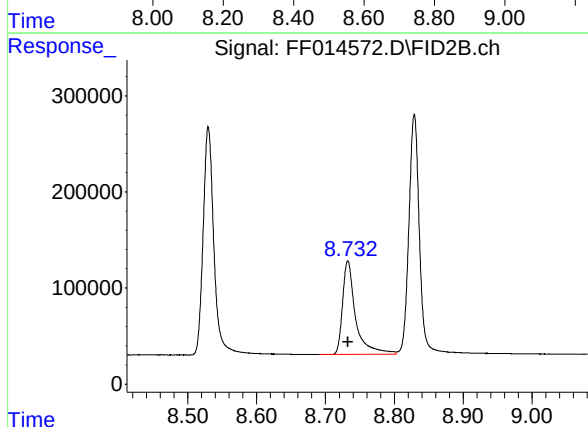
R.T.: 7.861 min
Delta R.T.: 0.000 min
Response: 2197883
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

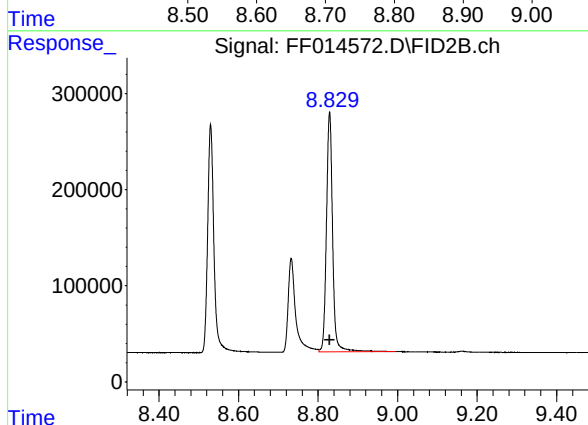
R.T.: 8.530 min
Delta R.T.: 0.000 min
Response: 2592081
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



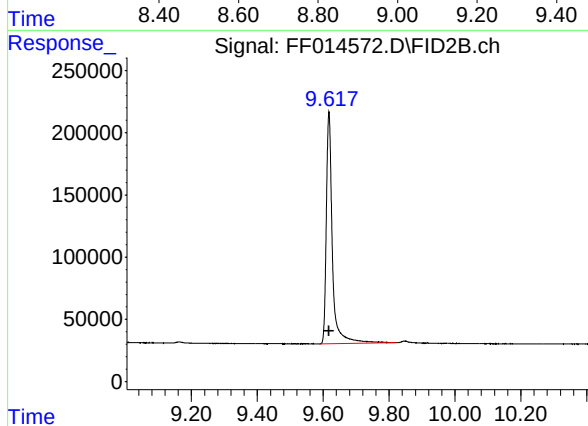
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.733 min
Delta R.T.: 0.000 min
Response: 1283897
Conc: 20.00 ug/ml



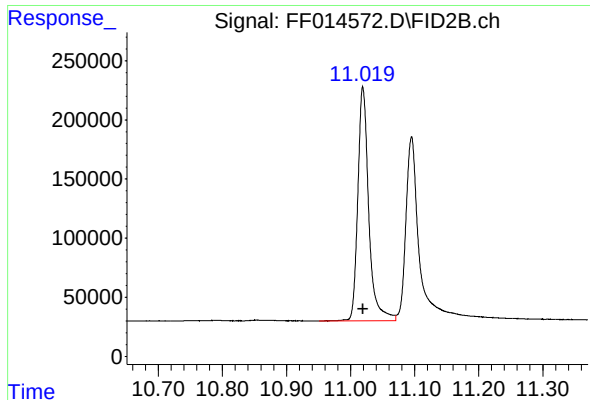
#7 Acenaphthene (C15.5)

R.T.: 8.829 min
Delta R.T.: 0.000 min
Response: 2697658
Conc: 20.00 ug/ml



#8 Fluorene (C16.55)

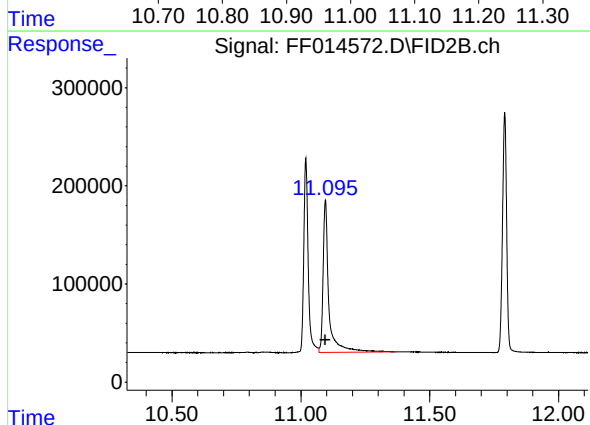
R.T.: 9.618 min
Delta R.T.: 0.000 min
Response: 2395435
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

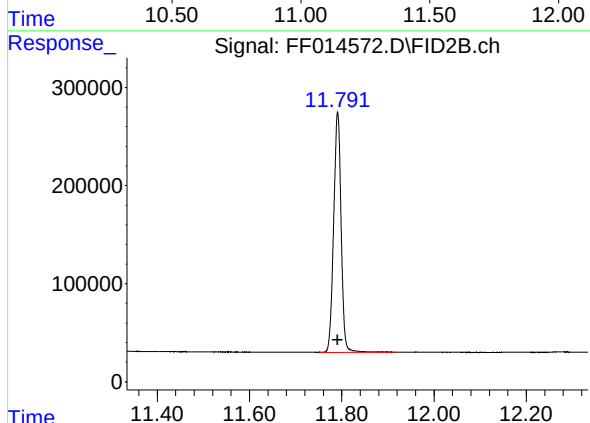
R.T.: 11.019 min
Delta R.T.: 0.000 min
Response: 2349422
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



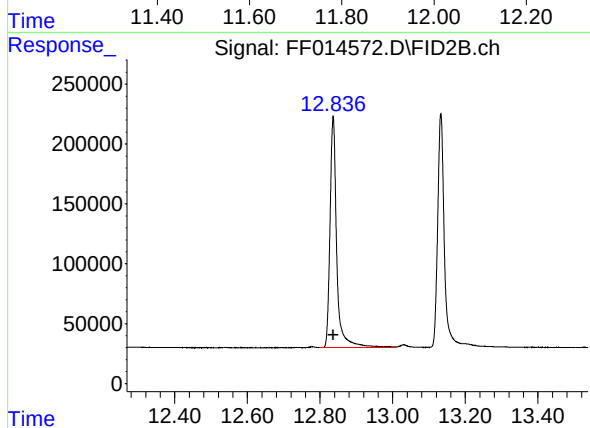
#10 Anthracene (C19.43)

R.T.: 11.095 min
Delta R.T.: 0.000 min
Response: 2420546
Conc: 20.00 ug/ml



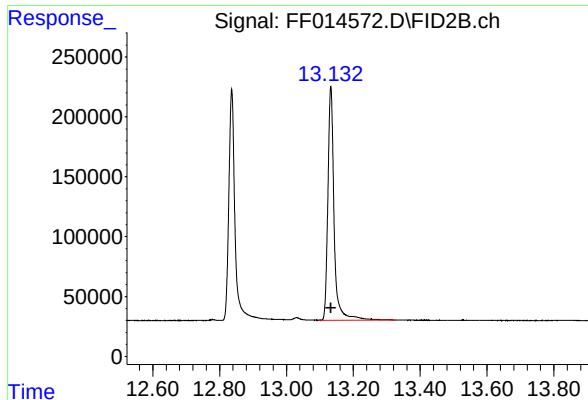
#11 ortho-Terphenyl (SURR)

R.T.: 11.791 min
Delta R.T.: 0.000 min
Response: 2744297
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

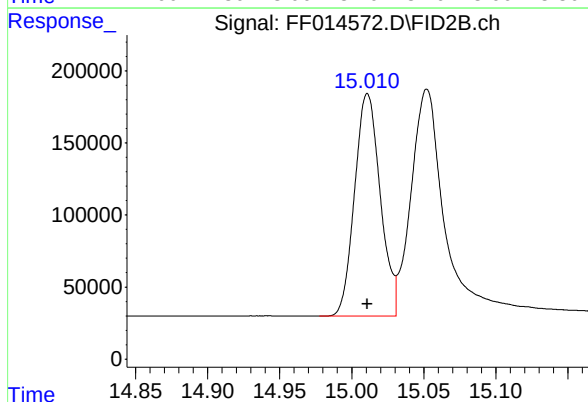
R.T.: 12.836 min
Delta R.T.: 0.000 min
Response: 2484719
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

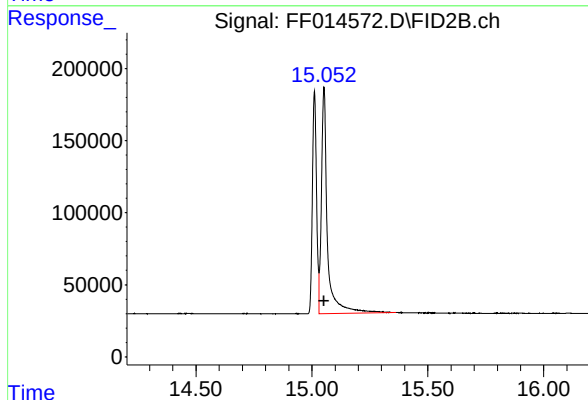
R.T.: 13.133 min
Delta R.T.: 0.000 min
Response: 2520663
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



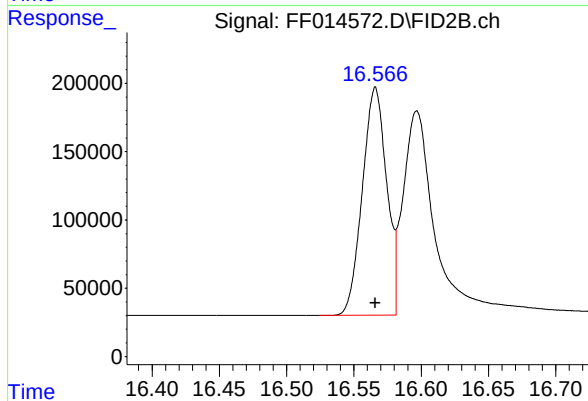
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.011 min
Delta R.T.: 0.000 min
Response: 1912884
Conc: 20.00 ug/ml



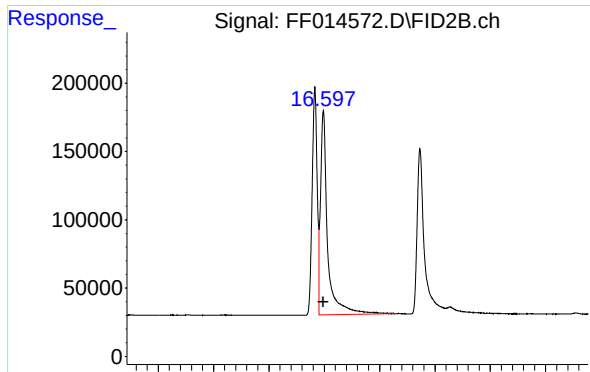
#15 Chrysene (C27.41)

R.T.: 15.052 min
Delta R.T.: 0.000 min
Response: 2842257
Conc: 20.00 ug/ml



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

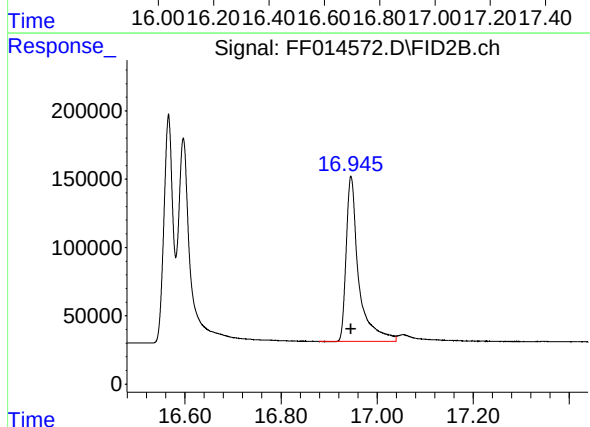
R.T.: 16.566 min
Delta R.T.: 0.000 min
Response: 2097129
Conc: 20.00 ug/ml



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

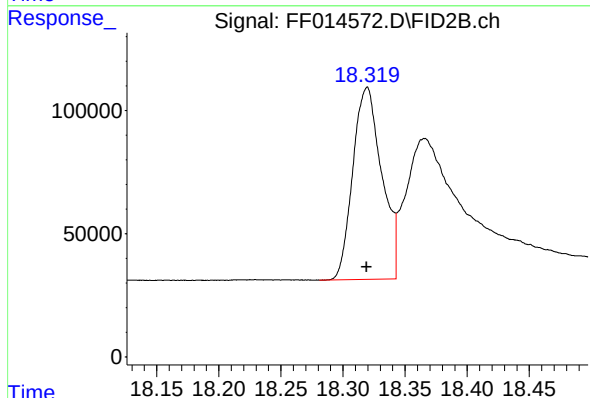
R.T.: 16.597 min
Delta R.T.: 0.000 min
Response: 2683975
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



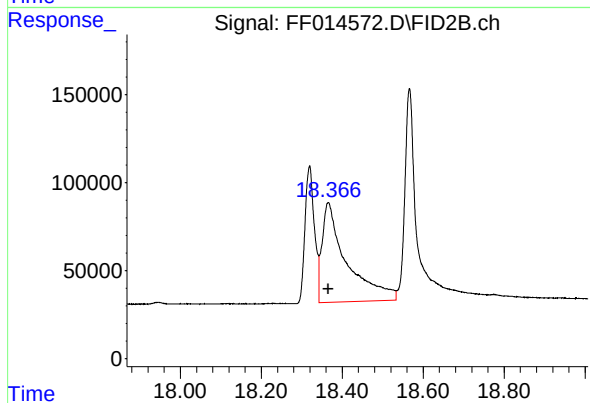
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.946 min
Delta R.T.: 0.000 min
Response: 2182711
Conc: 20.00 ug/ml



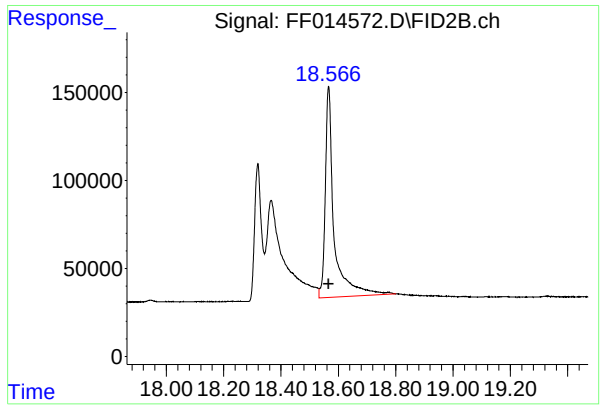
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.319 min
Delta R.T.: 0.000 min
Response: 1262660
Conc: 20.00 ug/ml



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

R.T.: 18.366 min
Delta R.T.: 0.000 min
Response: 2383095
Conc: 20.00 ug/ml



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

R.T.: 18.566 min
Delta R.T.: 0.000 min
Response: 2544363
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF093024AR\
Data File : FF014572.D
Signal(s) : FID2B.ch
Acq On : 30 Sep 2024 19:17
Sample : 20 PPM AROMATIC HC STD3
Misc :
ALS Vial : 63 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 093024.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	4.474	4.416	4.614	BB	249828	2658885	93.55%	5.381%
2	6.139	6.086	6.344	BB	231288	2616038	92.04%	5.294%
3	7.234	7.197	7.371	BV	216166	2545328	89.55%	5.151%
4	7.861	7.801	8.064	BB	186540	2197883	77.33%	4.448%
5	8.530	8.472	8.691	BB	235980	2592081	91.20%	5.245%
6	8.733	8.691	8.802	BV	97405	1283897	45.17%	2.598%
7	8.829	8.802	8.996	VB	249951	2697658	94.91%	5.459%
8	9.618	9.587	9.821	BB	186407	2395435	84.28%	4.847%
9	11.019	10.951	11.071	BV	197483	2349422	82.66%	4.754%
10	11.095	11.071	11.369	VB	155938	2420546	85.16%	4.898%
11	11.791	11.751	11.917	BB	244896	2744297	96.55%	5.553%
12	12.836	12.797	13.009	PV	192901	2484719	87.42%	5.028%
13	13.133	13.097	13.327	BB	195384	2520663	88.69%	5.101%
14	15.011	14.977	15.031	BV	154394	1912884	67.30%	3.871%
15	15.052	15.031	15.362	VB	157552	2842257	100.00%	5.752%
16	16.566	16.524	16.581	BV	167158	2097129	73.78%	4.244%
17	16.597	16.581	16.859	VB	149623	2683975	94.43%	5.431%
18	16.946	16.879	17.039	BV	120733	2182711	76.79%	4.417%
19	18.319	18.281	18.343	BV	77952	1262660	44.42%	2.555%
20	18.366	18.343	18.533	VV	56774	2383095	83.85%	4.823%
21	18.566	18.533	18.801	VBA	119843	2544363	89.52%	5.149%
Sum of corrected areas:							49415927	

Aromatic EPH 093024.M Wed Oct 02 04:26:54 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF093024AR\
 Data File : FF014573.D
 Signal(s) : FID2B.ch
 Acq On : 30 Sep 2024 19:46
 Operator : YP\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/02/2024
 Supervised By :Ankita Jodhani 10/02/2024

Integration File: autoint1.e
 Quant Time: Oct 01 10:51:14 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 093024.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 10:51:06 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...	7.864	1019739	9.363 ug/ml
Spiked Amount 50.000		Recovery =	18.73%
6) S 2-Fluorobiphenyl (SURR)	8.738	542023	8.279 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	16.56%
11) S ortho-Terphenyl (SURR)	11.791	1358154	10.052 ug/ml
Spiked Amount 50.000		Recovery =	20.10%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.475	1316326	10.124 ug/ml
2) T Naphthalene (C11.7)	6.141	1242870	9.577 ug/ml
3) T 2-Methylnaphthalene (...)	7.235	1226115	9.587 ug/ml
5) T Acenaphthylene (C15.06)	8.531	1252480	9.726 ug/ml
7) T Acenaphthene (C15.5)	8.829	1341000	10.002 ug/ml
8) T Fluorene (C16.55)	9.621	1124943	9.350 ug/ml
9) T Phenanthrene (C19.36)	11.022	1085625	9.182 ug/ml
10) T Anthracene (C19.43)	11.100	1158780	9.753 ug/ml
12) T Fluoranthene (C21.85)	12.839	1179150	9.542 ug/ml
13) T Pyrene (C20.8)	13.135	1211945	9.777 ug/ml
14) T Benzo[a]anthracene (C...	15.017	752217	7.859 ug/ml
15) T Chrysene (C27.41)	15.056	1543005	11.349 ug/ml
16) T benzo[b]fluoranthene ...	16.570	827420	7.965 ug/ml
17) T Bnezo[k]fluoranthene ...	16.603	1493653	11.544 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.956	1102556	9.950 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.333	521062	7.592 ug/ml
20) T Dibenz[a,h]anthracene...	18.387	1119300	10.394 ug/ml
21) T Benzo[g,h,i]perylene ...	18.574	1240266	10.368 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF093024AR\
Data File : FF014573.D
Signal(s) : FID2B.ch
Acq On : 30 Sep 2024 19:46
Operator : YP\AJ
Sample : 10 PPM AROMATIC HC STD4
Misc :
ALS Vial : 64 Sample Multiplier: 1

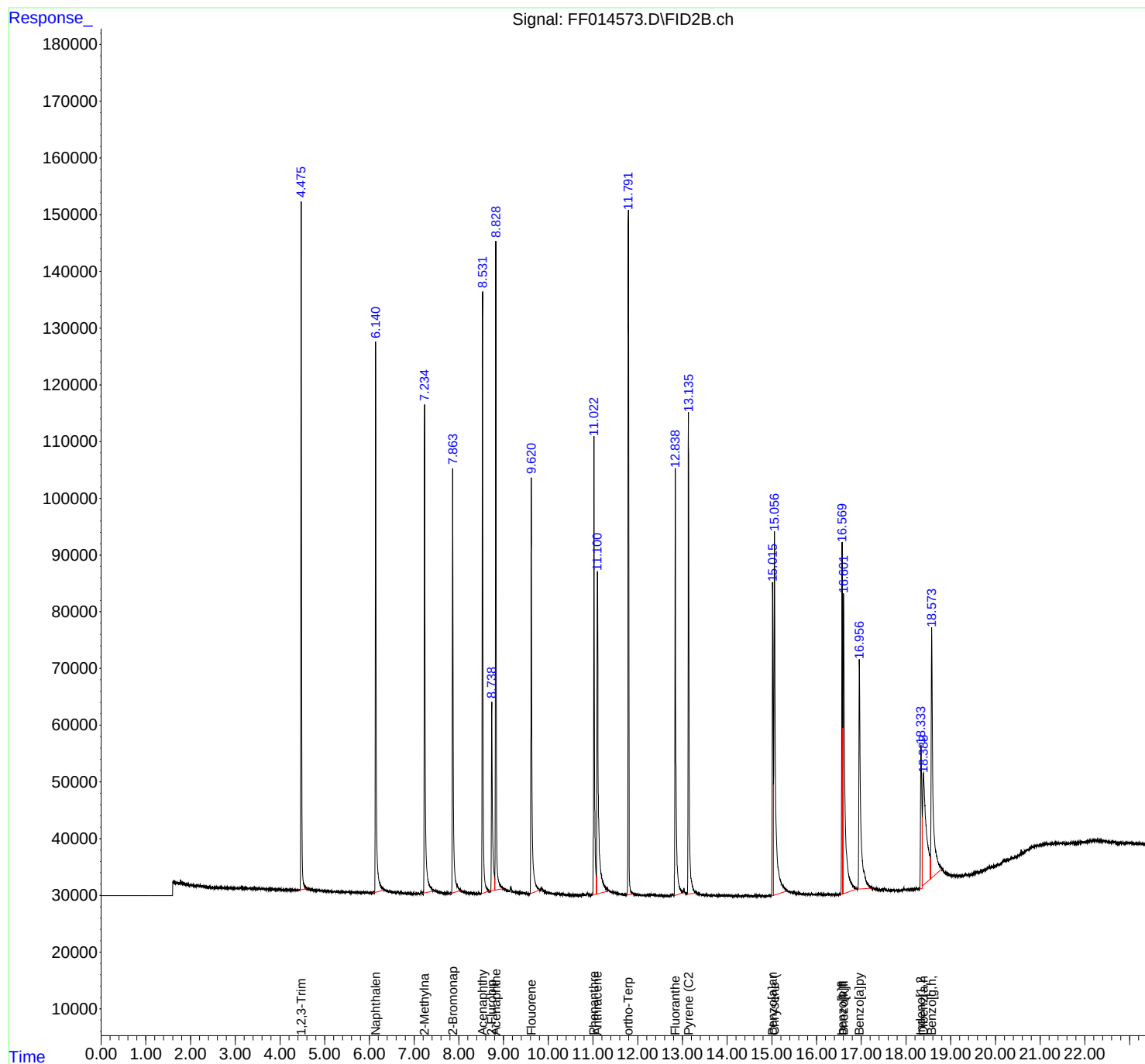
Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4

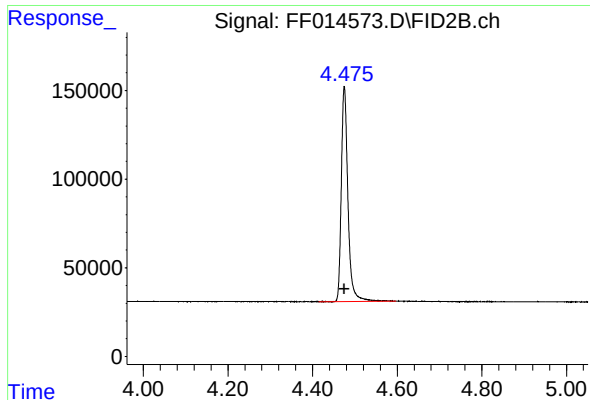
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/02/2024
Supervised By :Ankita Jodhani 10/02/2024

Integration File: autoint1.e
Quant Time: Oct 01 10:51:14 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 093024.M
Quant Title : GC Extractables
QLast Update : Tue Oct 01 10:51:06 2024
Response via : Initial Calibration
Integrator: ChemStation

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





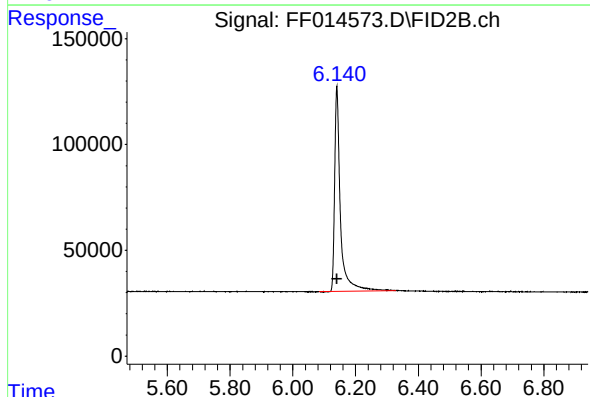
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.475 min
Delta R.T.: 0.000 min
Response: 1316326
Conc: 10.12 ug/ml

Instrument : FID_F
ClientSampleId : 10 PPM AROMATIC HC STD4

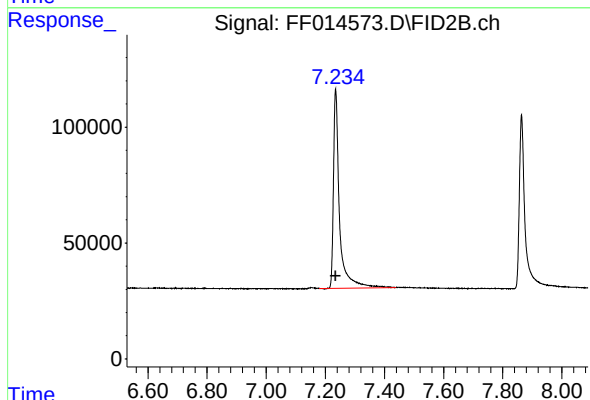
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/02/2024
Supervised By :Ankita Jodhani 10/02/2024



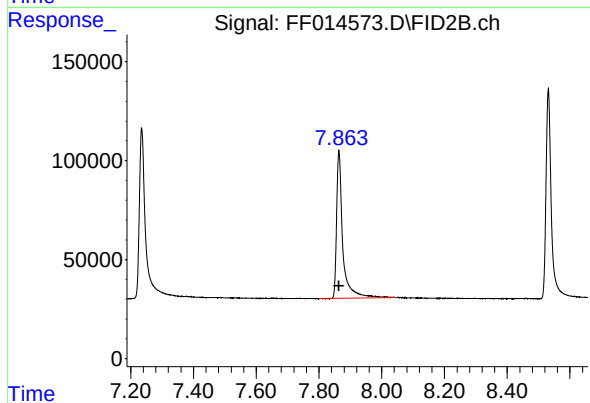
#2 Naphthalene (C11.7)

R.T.: 6.141 min
Delta R.T.: 0.000 min
Response: 1242870
Conc: 9.58 ug/ml



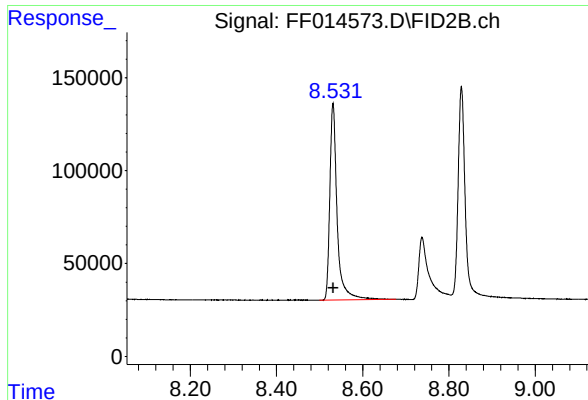
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.235 min
Delta R.T.: 0.000 min
Response: 1226115
Conc: 9.59 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.864 min
Delta R.T.: 0.000 min
Response: 1019739
Conc: 9.36 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.531 min
Delta R.T.: 0.000 min
Response: 1252480
Conc: 9.73 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/02/2024
Supervised By :Ankita Jodhani 10/02/2024

#6 2-Fluorobiphenyl (SURR)

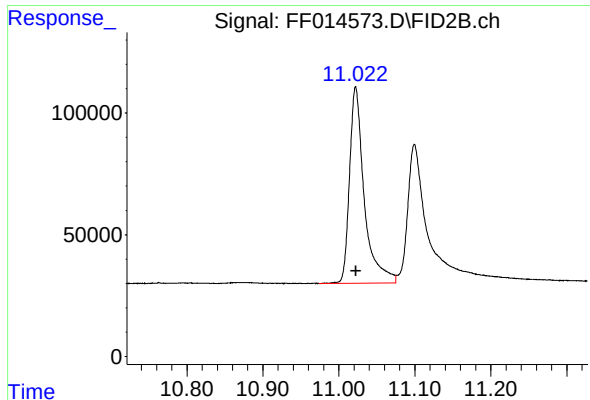
R.T.: 8.738 min
Delta R.T.: 0.000 min
Response: 542023
Conc: 8.28 ug/ml

#7 Acenaphthene (C15.5)

R.T.: 8.829 min
Delta R.T.: 0.000 min
Response: 1341000
Conc: 10.00 ug/ml

#8 Flouorene (C16.55)

R.T.: 9.621 min
Delta R.T.: 0.000 min
Response: 1124943
Conc: 9.35 ug/ml



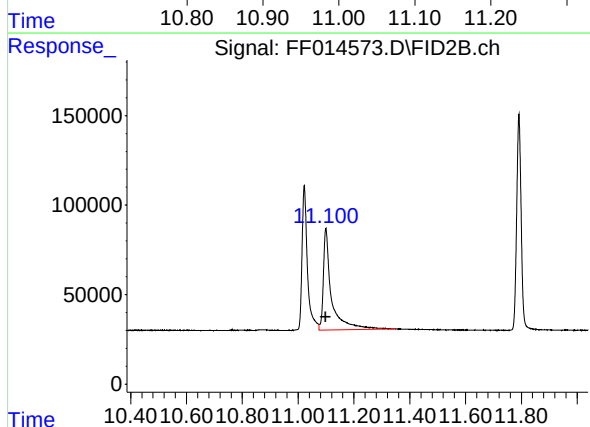
#9 Phenanthrene (C19.36)

R.T.: 11.022 min
Delta R.T.: 0.000 min
Response: 1085625
Conc: 9.18 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4

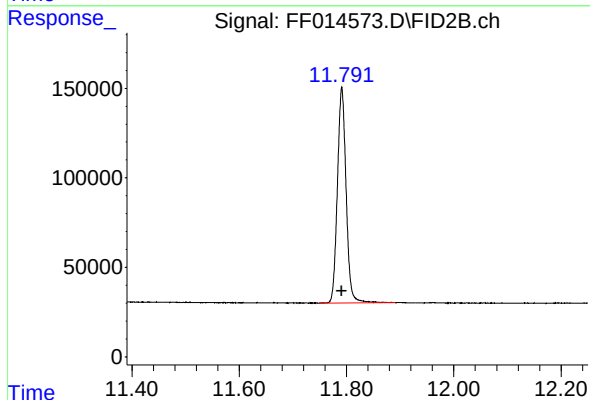
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/02/2024
Supervised By :Ankita Jodhani 10/02/2024



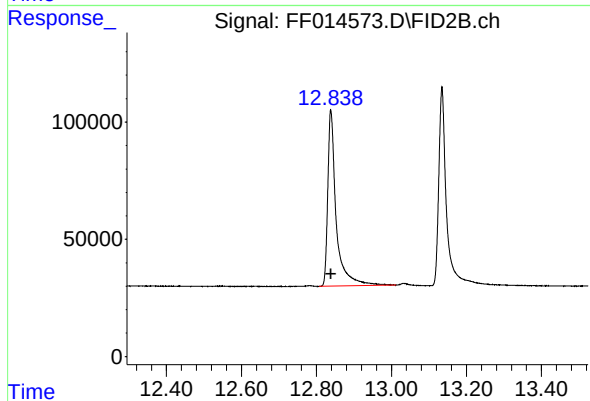
#10 Anthracene (C19.43)

R.T.: 11.100 min
Delta R.T.: 0.000 min
Response: 1158780
Conc: 9.75 ug/ml



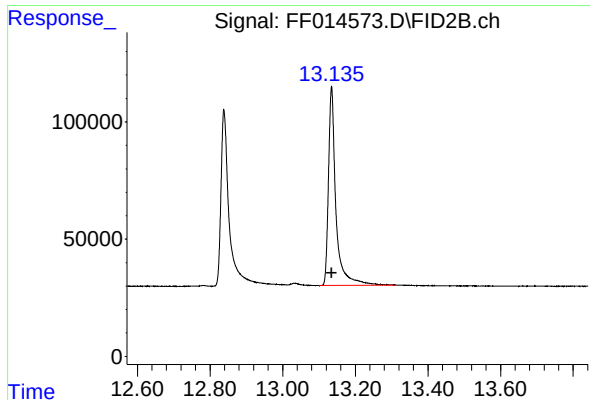
#11 ortho-Terphenyl (SURR)

R.T.: 11.791 min
Delta R.T.: 0.000 min
Response: 1358154
Conc: 10.05 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.839 min
Delta R.T.: 0.000 min
Response: 1179150
Conc: 9.54 ug/ml



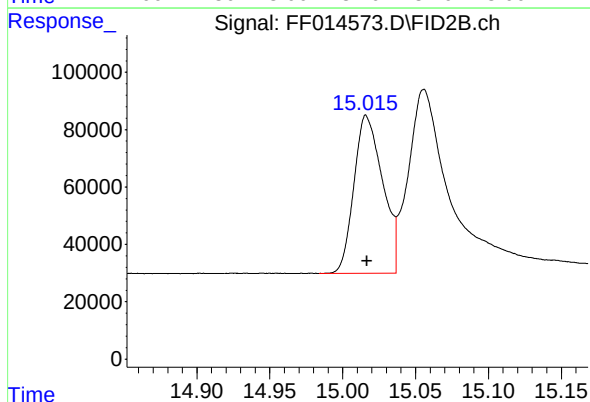
#13 Pyrene (C20.8)

R.T.: 13.135 min
Delta R.T.: 0.000 min
Response: 1211945
Conc: 9.78 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4

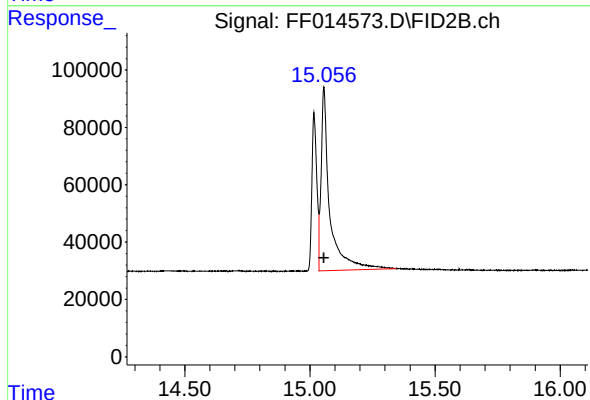
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/02/2024
Supervised By :Ankita Jodhani 10/02/2024



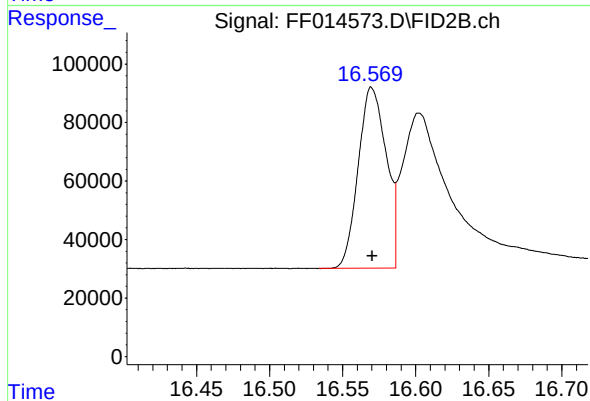
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.017 min
Delta R.T.: 0.000 min
Response: 752217
Conc: 7.86 ug/ml



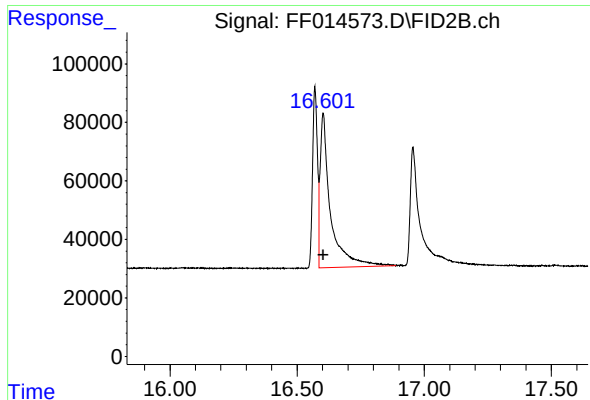
#15 Chrysene (C27.41)

R.T.: 15.056 min
Delta R.T.: 0.000 min
Response: 1543005
Conc: 11.35 ug/ml



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

R.T.: 16.570 min
Delta R.T.: 0.000 min
Response: 827420
Conc: 7.96 ug/ml



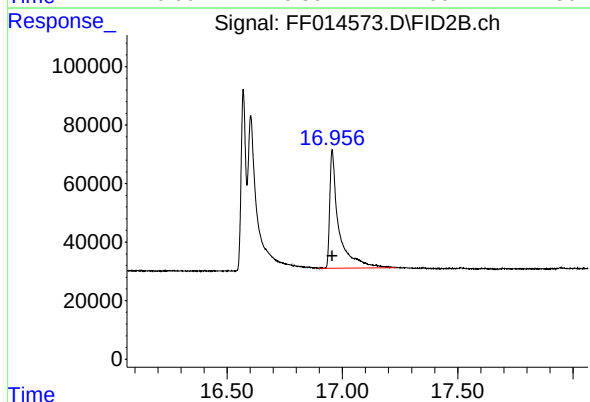
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.603 min
Delta R.T.: 0.000 min
Response: 1493653
Conc: 11.54 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4

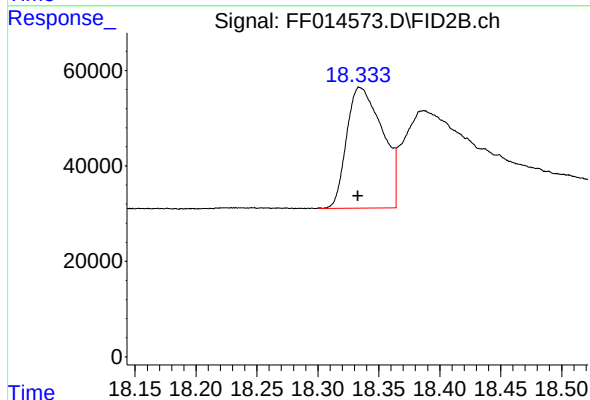
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/02/2024
Supervised By :Ankita Jodhani 10/02/2024



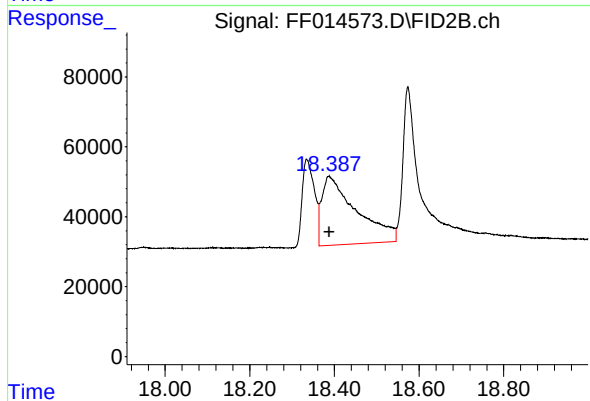
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.956 min
Delta R.T.: 0.000 min
Response: 1102556
Conc: 9.95 ug/ml



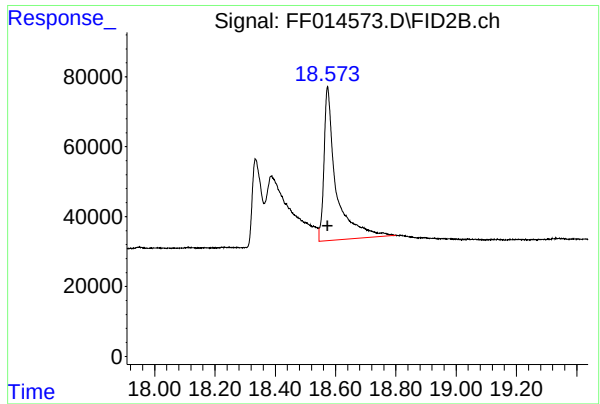
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.333 min
Delta R.T.: 0.000 min
Response: 521062
Conc: 7.59 ug/ml m



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

R.T.: 18.387 min
Delta R.T.: -0.001 min
Response: 1119300
Conc: 10.39 ug/ml



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

R.T.: 18.574 min
Delta R.T.: 0.000 min
Response: 1240266
Conc: 10.37 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/02/2024
Supervised By :Ankita Jodhani 10/02/2024

riteres

Instrument :
FID_F
LabSampleId :
10 PPM AROMATIC HC STD4
Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF093024
Data File : FF014573.D
Signal(s) : FID2B.ch
Acq On : 30 Sep 2024 19:46
Sample : 10 PPM AROMATIC HC STD4
Misc :
ALS Vial : 64 Sample Multiplier: 1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/02/2024
Supervised By :Ankita Jodhani 10/02/2024

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 093024.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	4.475	4.415	4.597	BB	121067	1316326	85.31%	5.568%
2	6.141	6.084	6.329	BB	96738	1242870	80.55%	5.257%
3	7.235	7.179	7.439	BB	85469	1226115	79.46%	5.186%
4	7.864	7.800	8.045	BB	74685	1019739	66.09%	4.313%
5	8.531	8.499	8.677	BB	105948	1252480	81.17%	5.298%
6	8.738	8.677	8.803	BV	33068	542023	35.13%	2.293%
7	8.829	8.803	8.994	VB	114294	1341000	86.91%	5.672%
8	9.621	9.585	9.807	BB	73436	1124943	72.91%	4.758%
9	11.022	10.974	11.075	BV	80635	1085625	70.36%	4.592%
10	11.100	11.075	11.350	VB	56812	1158780	75.10%	4.902%
11	11.791	11.749	11.892	BB	120411	1358154	88.02%	5.745%
12	12.839	12.807	13.012	BV	74737	1179150	76.42%	4.988%
13	13.135	13.100	13.312	BB	85031	1211945	78.54%	5.126%
14	15.017	14.984	15.037	BV	54267	752217	48.75%	3.182%
15	15.056	15.037	15.344	VB	63973	1543005	100.00%	6.527%
16	16.570	16.534	16.586	BV	61491	827420	53.62%	3.500%
17	16.603	16.586	16.889	VB	52939	1493653	96.80%	6.318%
18	16.956	16.899	17.232	BB	40433	1102556	71.46%	4.664%
19	18.335	18.280	18.364	BV	24878	503354	32.62%	2.129%
20	18.387	18.364	18.545	VV	19749	1119300	72.54%	4.735%
21	18.574	18.545	18.800	VBA	44096	1240266	80.38%	5.246%
Sum of corrected areas:						23640920		

Aromatic EPH 093024.M Wed Oct 02 04:27:15 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF093024AR\
 Data File : FF014574.D
 Signal(s) : FID2B.ch
 Acq On : 30 Sep 2024 20:15
 Operator : YP\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/02/2024
 Supervised By :Ankita Jodhani 10/02/2024

Integration File: autoint1.e
 Quant Time: Oct 01 10:54:22 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 093024.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 10:53:55 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...	7.869	502322	4.685 ug/ml
Spiked Amount 50.000		Recovery =	9.37%
6) S 2-Fluorobiphenyl (SURR)	8.749	235302	3.822 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	7.64%
11) S ortho-Terphenyl (SURR)	11.791	720513	5.263 ug/ml
Spiked Amount 50.000		Recovery =	10.53%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.476	687141	5.225 ug/ml
2) T Naphthalene (C11.7)	6.144	619674	4.818 ug/ml
3) T 2-Methylnaphthalene (...)	7.240	590374	4.688 ug/ml
5) T Acenaphthylene (C15.06)	8.534	656006	5.075 ug/ml
7) T Acenaphthene (C15.5)	8.830	728899	5.343 ug/ml
8) T Flouorene (C16.55)	9.627	580094	4.856 ug/ml
9) T Phenanthrene (C19.36)	11.029	514976	4.471 ug/ml
10) T Anthracene (C19.43)	11.110	578934	4.898 ug/ml
12) T Fluoranthene (C21.85)	12.848	586488	4.795 ug/ml
13) T Pyrene (C20.8)	13.140	624523	5.031 ug/ml
14) T Benzo[a]anthracene (C...	15.032	291906	3.346 ug/mlm
15) T Chrysene (C27.41)	15.071	873055	6.076 ug/ml
16) T benzo[b]fluoranthene ...	16.585	338179	3.499 ug/ml
17) T Bnezo[k]fluoranthene ...	16.620	809250	5.956 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.975	524529	4.784 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.360	231820	3.619 ug/mlm
20) T Dibenz[a,h]anthracene...	18.418	536288	4.930 ug/ml
21) T Benzo[g,h,i]perylene ...	18.587	645903	5.314 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF093024AR\
Data File : FF014574.D
Signal(s) : FID2B.ch
Acq On : 30 Sep 2024 20:15
Operator : YP\AJ
Sample : 5 PPM AROMATIC HC STD5
Misc :
ALS Vial : 65 Sample Multiplier: 1

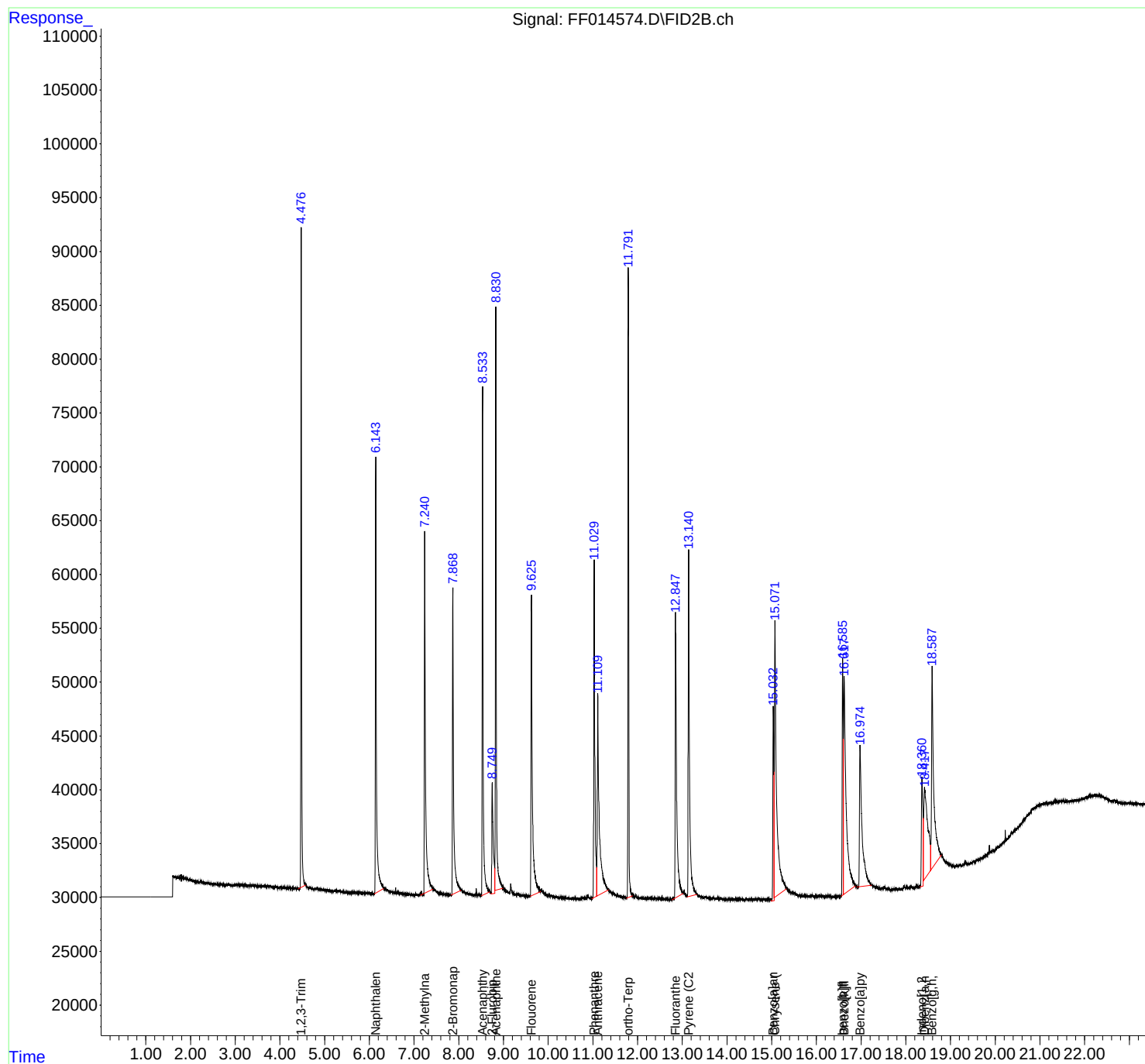
Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5

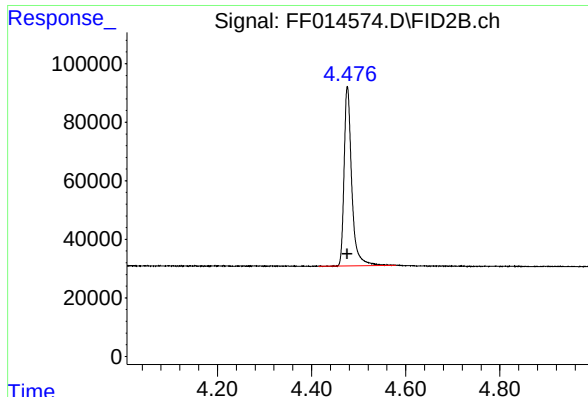
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/02/2024
Supervised By :Ankita Jodhani 10/02/2024

Integration File: autoint1.e
Quant Time: Oct 01 10:54:22 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 093024.M
Quant Title : GC Extractables
QLast Update : Tue Oct 01 10:53:55 2024
Response via : Initial Calibration
Integrator: ChemStation

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





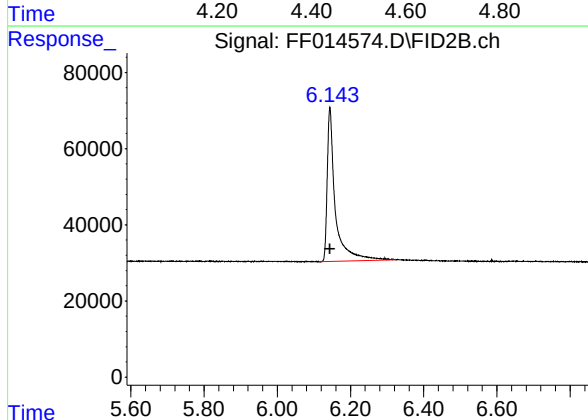
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.476 min
Delta R.T.: 0.000 min
Response: 687141
Conc: 5.23 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5

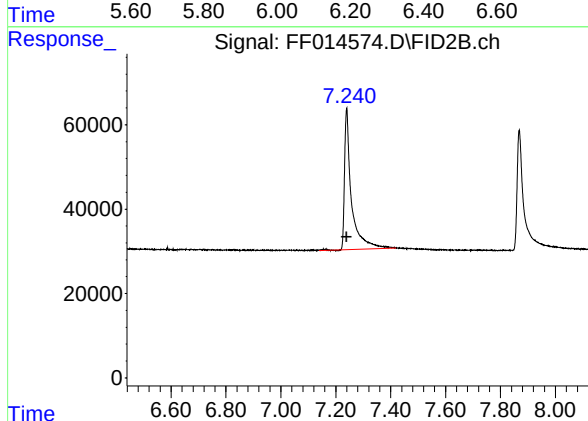
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/02/2024
Supervised By :Ankita Jodhani 10/02/2024



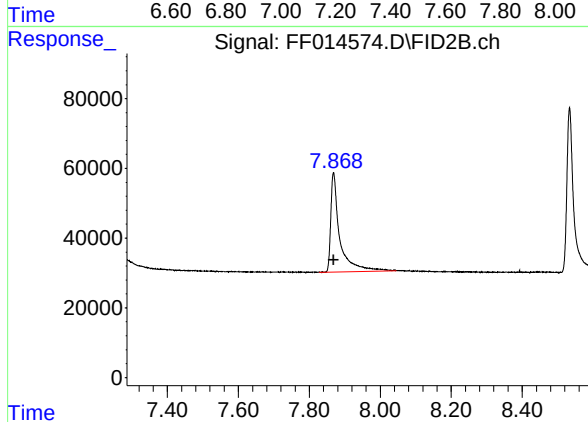
#2 Naphthalene (C11.7)

R.T.: 6.144 min
Delta R.T.: 0.000 min
Response: 619674
Conc: 4.82 ug/ml



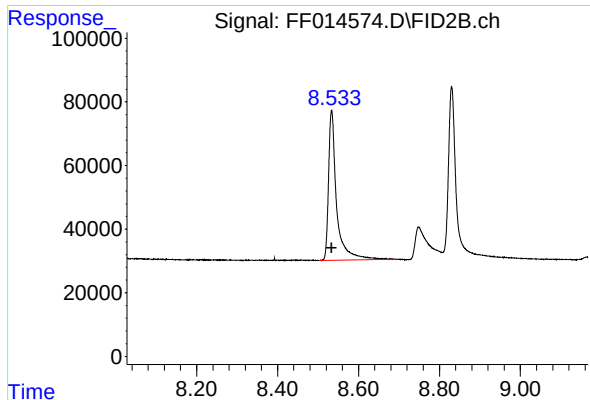
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.240 min
Delta R.T.: 0.000 min
Response: 590374
Conc: 4.69 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.869 min
Delta R.T.: 0.000 min
Response: 502322
Conc: 4.68 ug/ml



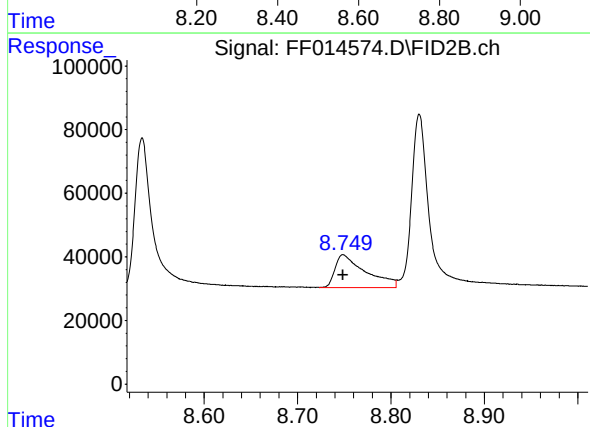
#5 Acenaphthylene (C15.06)

R.T.: 8.534 min
Delta R.T.: 0.000 min
Response: 656006
Conc: 5.07 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5

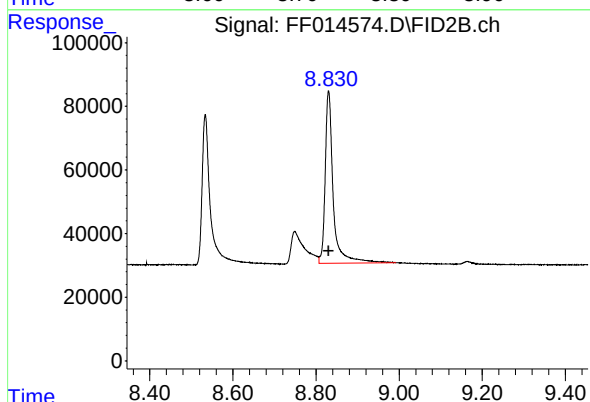
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/02/2024
Supervised By :Ankita Jodhani 10/02/2024



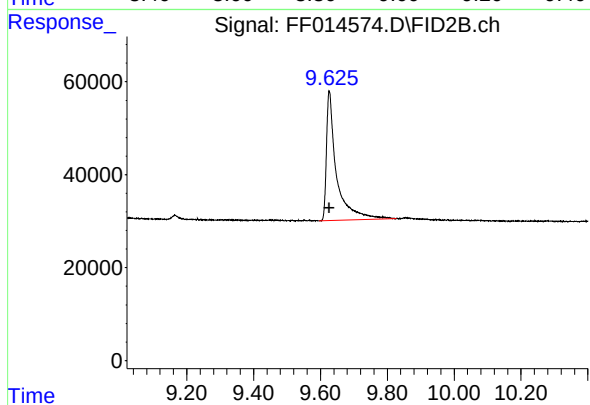
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.749 min
Delta R.T.: 0.000 min
Response: 235302
Conc: 3.82 ug/ml m



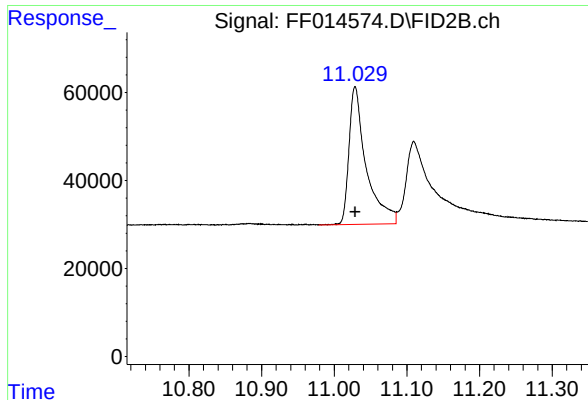
#7 Acenaphthene (C15.5)

R.T.: 8.830 min
Delta R.T.: 0.000 min
Response: 728899
Conc: 5.34 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.627 min
Delta R.T.: 0.000 min
Response: 580094
Conc: 4.86 ug/ml



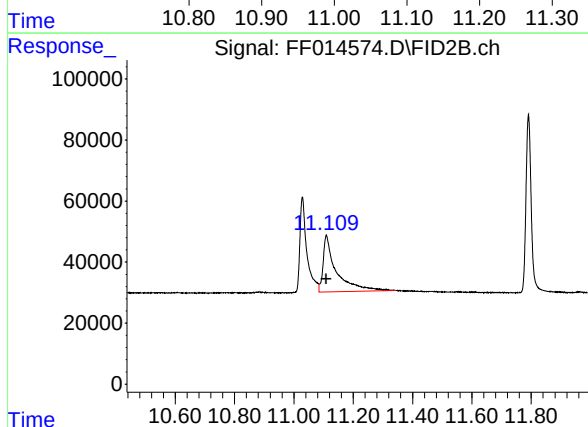
#9 Phenanthrene (C19.36)

R.T.: 11.029 min
Delta R.T.: 0.000 min
Response: 514976
Conc: 4.47 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5

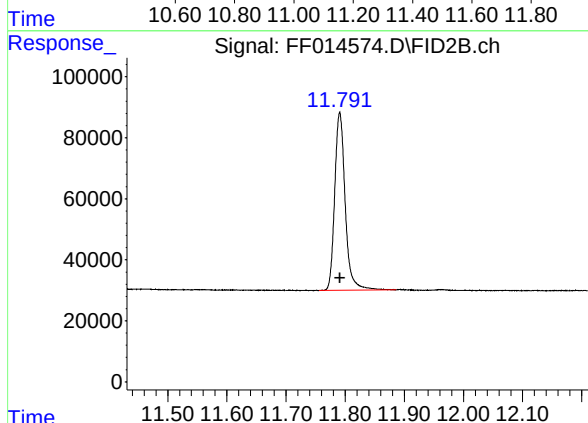
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/02/2024
Supervised By :Ankita Jodhani 10/02/2024



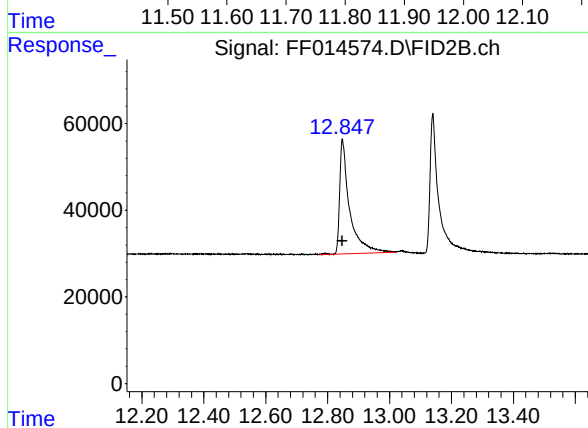
#10 Anthracene (C19.43)

R.T.: 11.110 min
Delta R.T.: 0.000 min
Response: 578934
Conc: 4.90 ug/ml



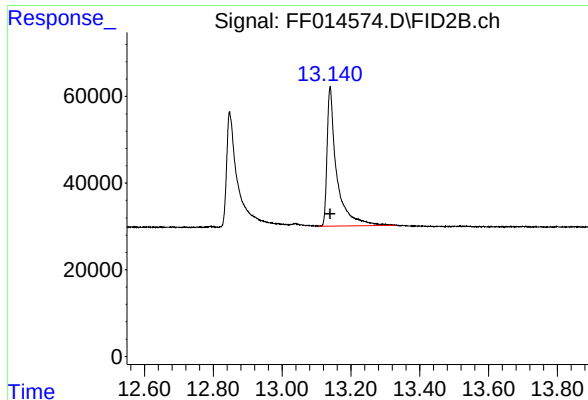
#11 ortho-Terphenyl (SURR)

R.T.: 11.791 min
Delta R.T.: 0.000 min
Response: 720513
Conc: 5.26 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.848 min
Delta R.T.: 0.000 min
Response: 586488
Conc: 4.79 ug/ml



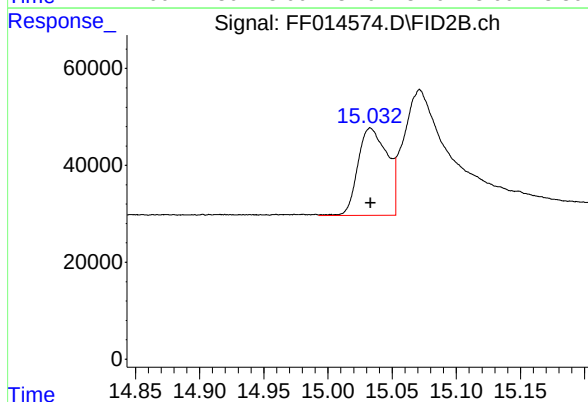
#13 Pyrene (C20.8)

R.T.: 13.140 min
Delta R.T.: 0.000 min
Response: 624523
Conc: 5.03 ug/ml

Instrument : FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5

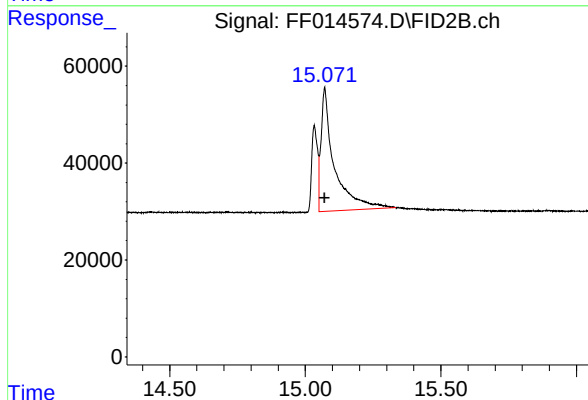
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/02/2024
Supervised By :Ankita Jodhani 10/02/2024



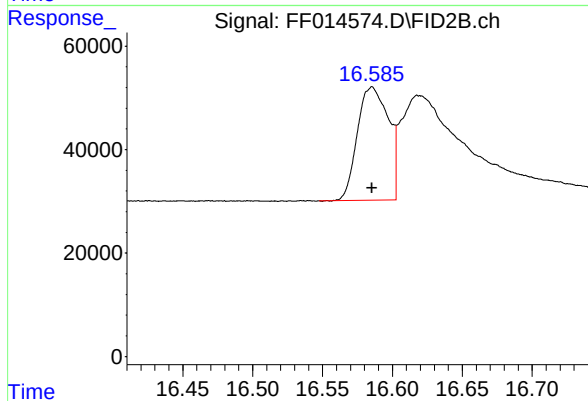
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.032 min
Delta R.T.: 0.000 min
Response: 291906
Conc: 3.35 ug/ml m



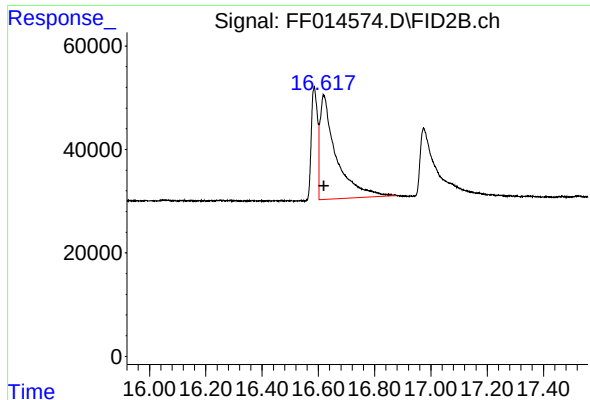
#15 Chrysene (C27.41)

R.T.: 15.071 min
Delta R.T.: 0.000 min
Response: 873055
Conc: 6.08 ug/ml



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

R.T.: 16.585 min
Delta R.T.: 0.000 min
Response: 338179
Conc: 3.50 ug/ml



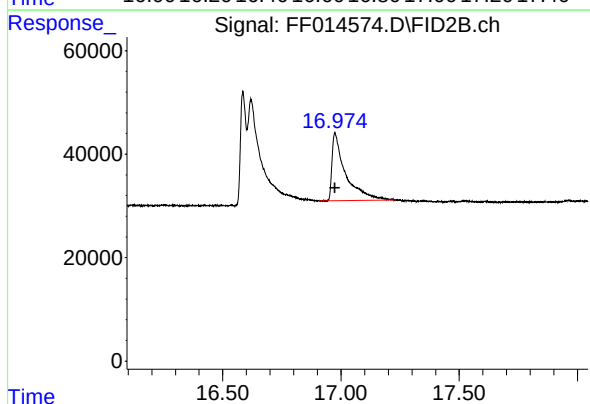
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.620 min
Delta R.T.: 0.000 min
Response: 809250
Conc: 5.96 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5

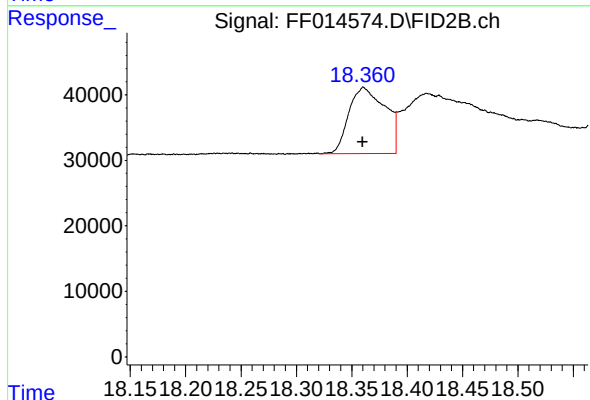
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/02/2024
Supervised By :Ankita Jodhani 10/02/2024



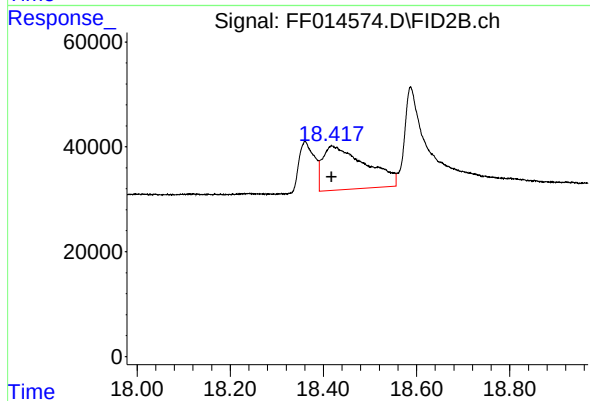
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.975 min
Delta R.T.: 0.000 min
Response: 524529
Conc: 4.78 ug/ml



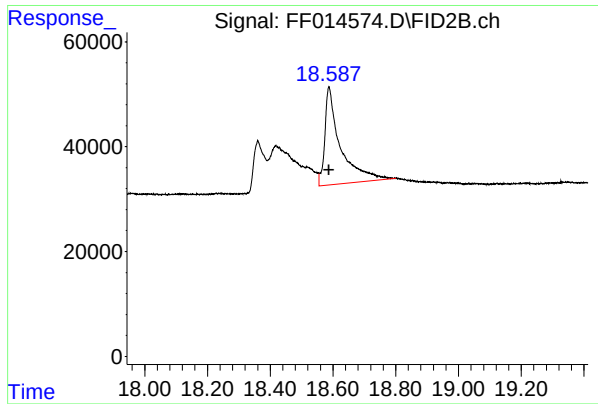
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.360 min
Delta R.T.: 0.000 min
Response: 231820
Conc: 3.62 ug/ml m



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

R.T.: 18.418 min
Delta R.T.: 0.000 min
Response: 536288
Conc: 4.93 ug/ml



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

R.T.: 18.587 min
Delta R.T.: 0.000 min
Response: 645903
Conc: 5.31 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/02/2024
Supervised By :Ankita Jodhani 10/02/2024

nteres

Instrument :
FID_F
LabSampleId :
5 PPM AROMATIC HC STD5
Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/02/2024
Supervised By :Ankita Jodhani 10/02/2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF093024.M
Data File : FF014574.D
Signal(s) : FID2B.ch
Acq On : 30 Sep 2024 20:15
Sample : 5 PPM AROMATIC HC STD5
Misc :
ALS Vial : 65 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 093024.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	4.476	4.416	4.579	BB	61291	687141	78.71%	5.810%
2	6.144	6.114	6.324	BB	40370	619674	70.98%	5.239%
3	7.240	7.139	7.419	BB	33557	590374	67.62%	4.992%
4	7.869	7.827	8.044	BB	28411	502322	57.54%	4.247%
5	8.534	8.502	8.692	BB	47188	656006	75.14%	5.547%
6	8.749	8.692	8.807	BV	10080	224662	25.73%	1.900%
7	8.830	8.807	8.992	VB	54093	728899	83.49%	6.163%
8	9.627	9.596	9.826	BB	27631	580094	66.44%	4.905%
9	11.029	10.979	11.085	BV	31296	514976	58.99%	4.354%
10	11.110	11.085	11.344	VB	18698	578934	66.31%	4.895%
11	11.791	11.756	11.886	BB	58372	720513	82.53%	6.092%
12	12.848	12.772	13.021	BV	26044	586488	67.18%	4.959%
13	13.140	13.107	13.331	BB	32127	624523	71.53%	5.280%
14	15.033	14.996	15.051	BV	17717	266664	30.54%	2.255%
15	15.071	15.051	15.334	VB	25634	873055	100.00%	7.382%
16	16.585	16.547	16.602	BV	22006	338179	38.74%	2.859%
17	16.620	16.602	16.876	VB	20064	809250	92.69%	6.842%
18	16.975	16.907	17.232	BB	13122	524529	60.08%	4.435%
19	18.361	18.294	18.391	BV	9789	218877	25.07%	1.851%
20	18.418	18.391	18.556	VV	8498	536288	61.43%	4.534%
21	18.588	18.556	18.801	VBA	18749	645903	73.98%	5.461%
Sum of corrected areas:						11827351		

Aromatic EPH 093024.M Wed Oct 02 04:27:40 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF093024AR\
 Data File : FF014575.D
 Signal(s) : FID2B.ch
 Acq On : 30 Sep 2024 20:44
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/02/2024
 Supervised By :Ankita Jodhani 10/02/2024

Integration File: autoint1.e
 Quant Time: Oct 01 11:03:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 093024.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 11:02:50 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...	7.862	2264839	21.122 ug/ml
Spiked Amount 50.000		Recovery =	42.24%
6) S 2-Fluorobiphenyl (SURR)	8.732	1330407	21.531 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.06%
11) S ortho-Terphenyl (SURR)	11.791	2843284	20.768 ug/ml
Spiked Amount 50.000		Recovery =	41.54%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.474	2728738	20.750 ug/ml
2) T Naphthalene (C11.7)	6.139	2709209	21.065 ug/ml
3) T 2-Methylnaphthalene (...)	7.233	2687558	21.341 ug/ml
5) T Acenaphthylene (C15.06)	8.530	2676198	20.703 ug/ml
7) T Acenaphthene (C15.5)	8.829	2802730	20.546 ug/ml
8) T Fluorene (C16.55)	9.618	2513957	21.046 ug/ml
9) T Phenanthrene (C19.36)	11.020	2436662	21.155 ug/ml
10) T Anthracene (C19.43)	11.096	2544710	21.527 ug/ml
12) T Fluoranthene (C21.85)	12.837	2583318	21.119 ug/ml
13) T Pyrene (C20.8)	13.134	2616183	21.073 ug/ml
14) T Benzo[a]anthracene (C...	15.011	1975006	22.381 ug/mlm
15) T Chrysene (C27.41)	15.053	2854096	19.863 ug/ml
16) T benzo[b]fluoranthene ...	16.567	2156108	22.311 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.597	2759728	20.310 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.946	2228357	20.326 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.320	1178757	18.387 ug/mlm
20) T Dibenz[a,h]anthracene...	18.367	2060619	19.537 ug/ml
21) T Benzo[g,h,i]perylene ...	18.566	2345174	19.296 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF093024AR\
Data File : FF014575.D
Signal(s) : FID2B.ch
Acq On : 30 Sep 2024 20:44
Operator : YP\AJ
Sample : 20 PPM AROMATIC HC STD ICV
Misc :
ALS Vial : 66 Sample Multiplier: 1

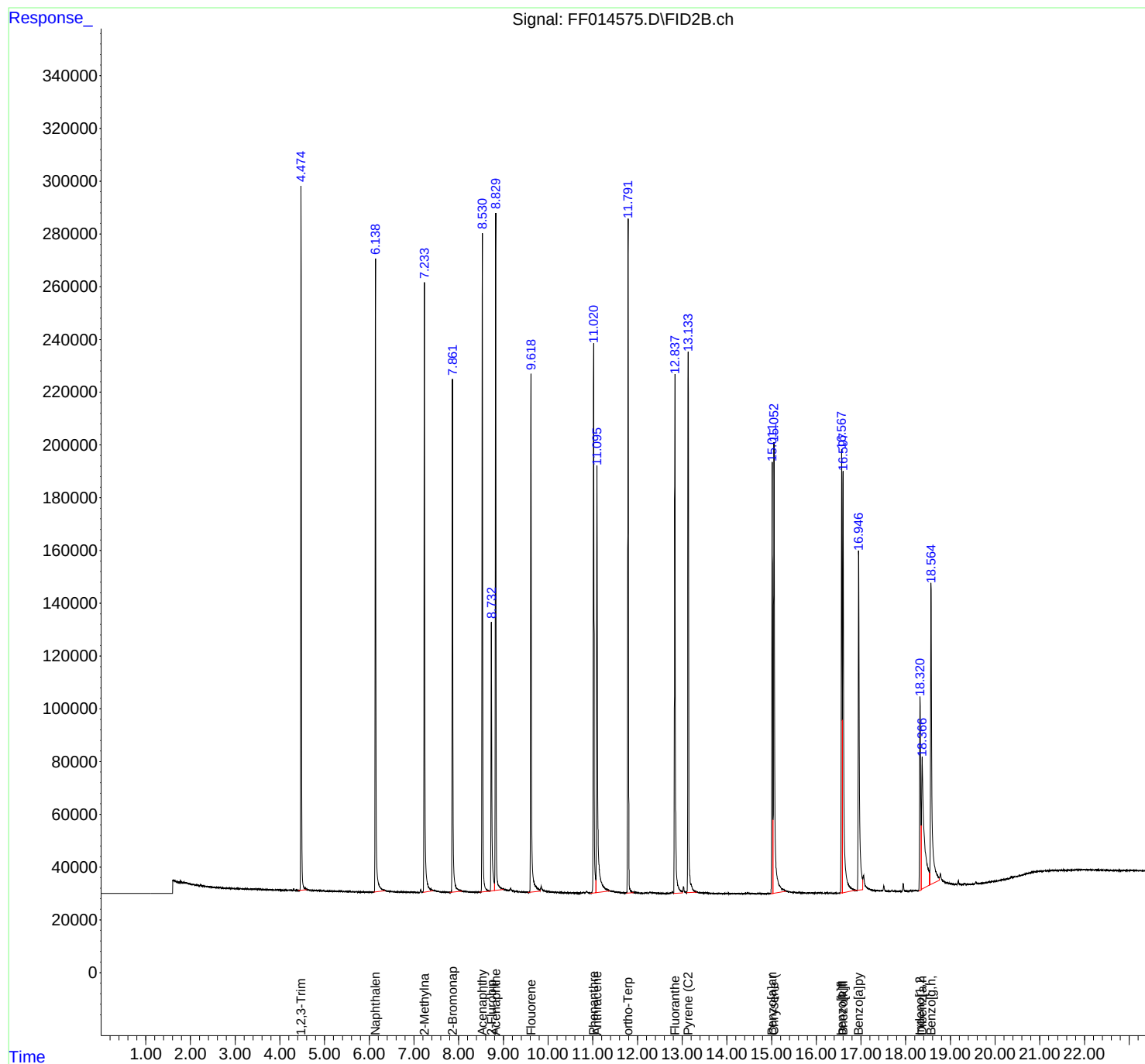
Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD ICV

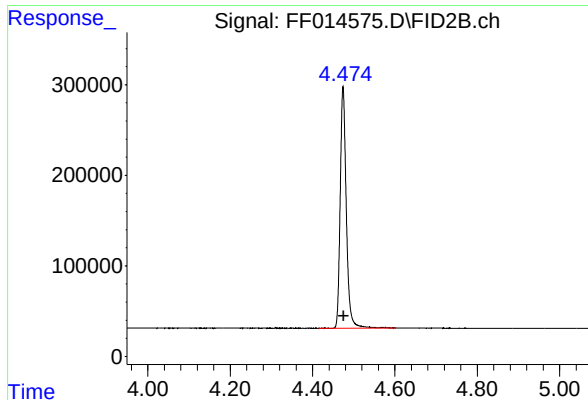
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/02/2024
Supervised By :Ankita Jodhani 10/02/2024

Integration File: autoint1.e
Quant Time: Oct 01 11:03:36 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 093024.M
Quant Title : GC Extractables
QLast Update : Tue Oct 01 11:02:50 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.: 4.474 min
Delta R.T.: -0.002 min
Response: 2728738
Conc: 20.75 ug/ml

Instrument :

FID_F

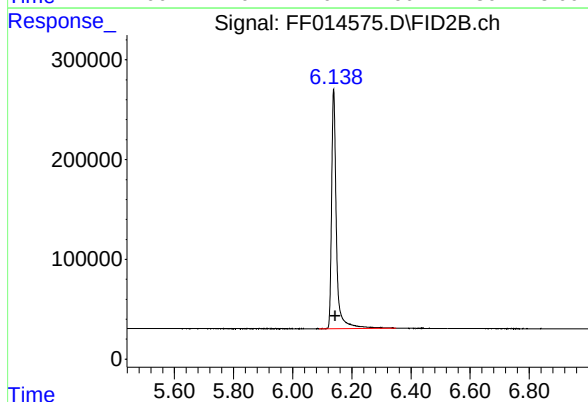
ClientSampleId :

20 PPM AROMATIC HC STD ICV

Manual Integrations

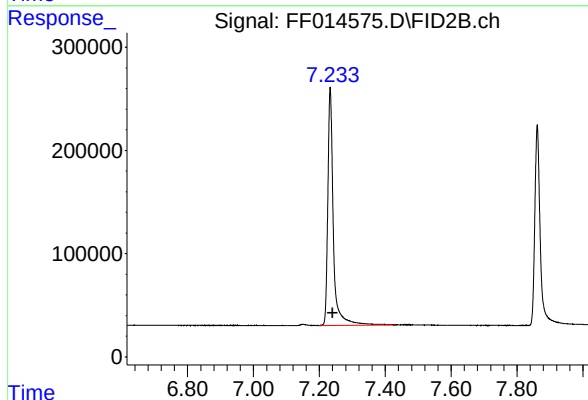
APPROVED

Reviewed By :Yogesh Patel 10/02/2024
Supervised By :Ankita Jodhani 10/02/2024



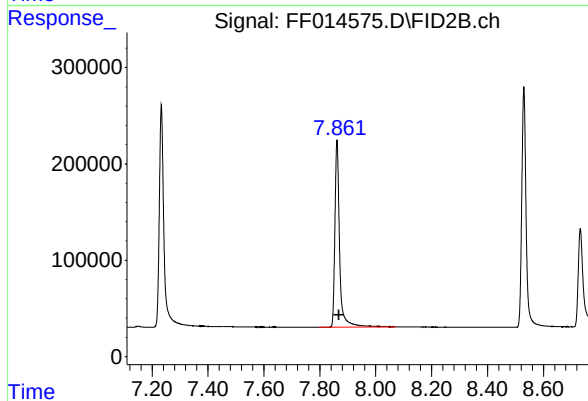
#2 Naphthalene (C11.7)

R.T.: 6.139 min
Delta R.T.: -0.005 min
Response: 2709209
Conc: 21.06 ug/ml



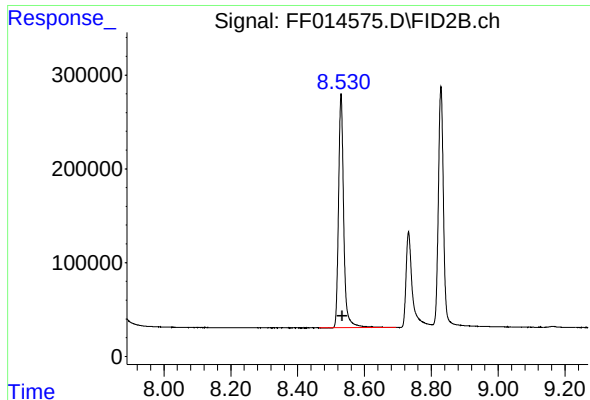
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.233 min
Delta R.T.: -0.007 min
Response: 2687558
Conc: 21.34 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.862 min
Delta R.T.: -0.007 min
Response: 2264839
Conc: 21.12 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.530 min
Delta R.T.: -0.004 min
Response: 2676198
Conc: 20.70 ug/ml

Instrument :

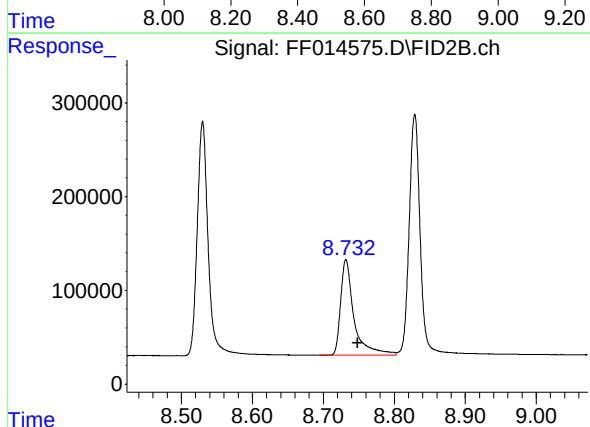
FID_F

ClientSampleId :

20 PPM AROMATIC HC STD ICV

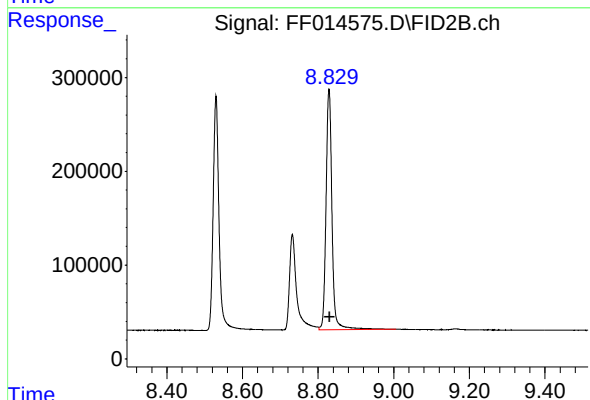
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/02/2024
Supervised By :Ankita Jodhani 10/02/2024



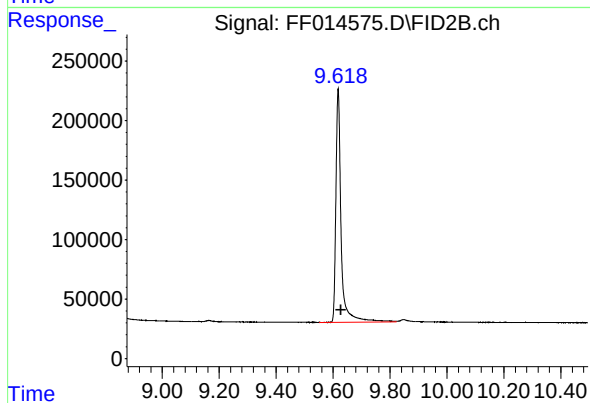
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.732 min
Delta R.T.: -0.016 min
Response: 1330407
Conc: 21.53 ug/ml



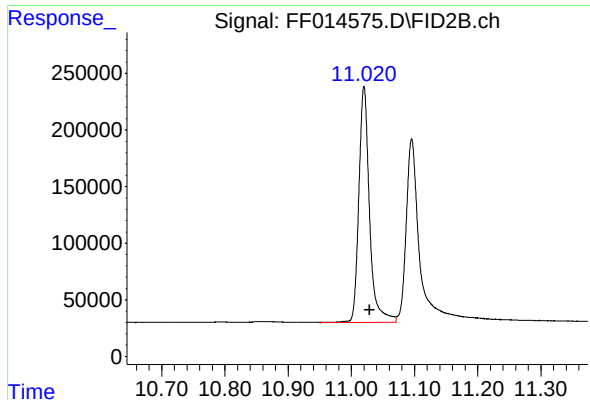
#7 Acenaphthene (C15.5)

R.T.: 8.829 min
Delta R.T.: -0.002 min
Response: 2802730
Conc: 20.55 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.618 min
Delta R.T.: -0.009 min
Response: 2513957
Conc: 21.05 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 11.020 min
Delta R.T.: -0.009 min
Response: 2436662
Conc: 21.15 ug/ml

Instrument :

FID_F

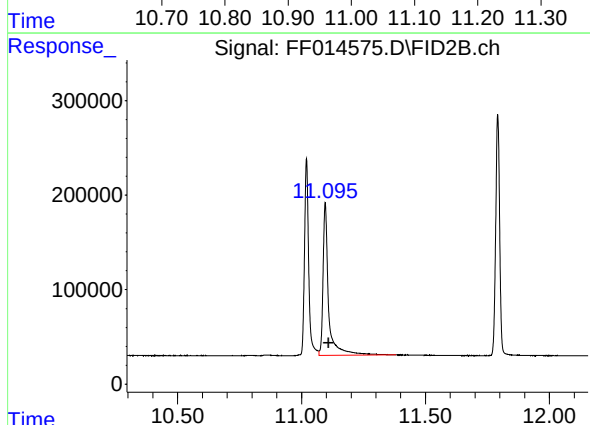
ClientSampleId :

20 PPM AROMATIC HC STD ICV

Manual Integrations

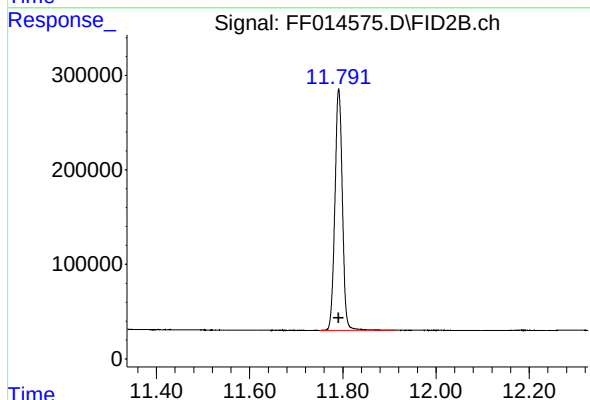
APPROVED

Reviewed By :Yogesh Patel 10/02/2024
Supervised By :Ankita Jodhani 10/02/2024



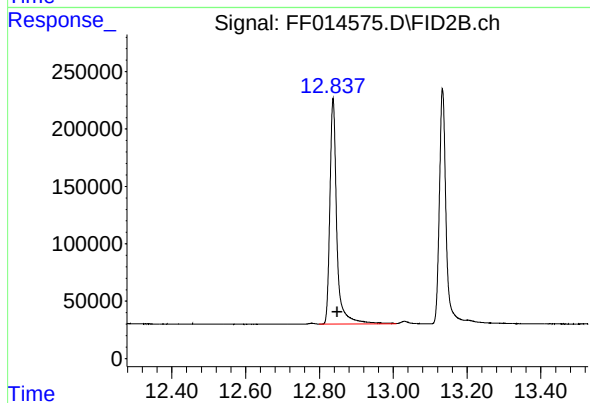
#10 Anthracene (C19.43)

R.T.: 11.096 min
Delta R.T.: -0.014 min
Response: 2544710
Conc: 21.53 ug/ml



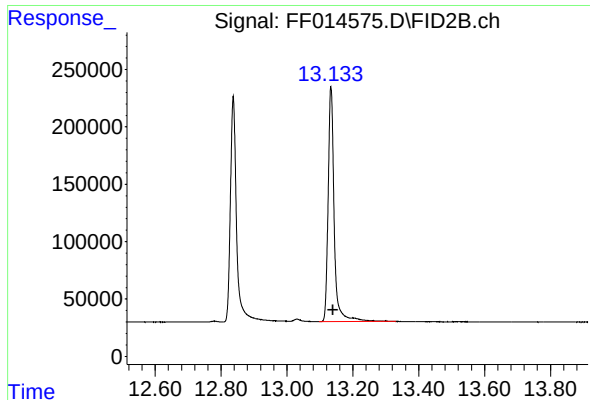
#11 ortho-Terphenyl (SURR)

R.T.: 11.791 min
Delta R.T.: 0.000 min
Response: 2843284
Conc: 20.77 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.837 min
Delta R.T.: -0.011 min
Response: 2583318
Conc: 21.12 ug/ml



#13 Pyrene (C20.8)

R.T.: 13.134 min
Delta R.T.: -0.006 min
Response: 2616183
Conc: 21.07 ug/ml

Instrument :

FID_F

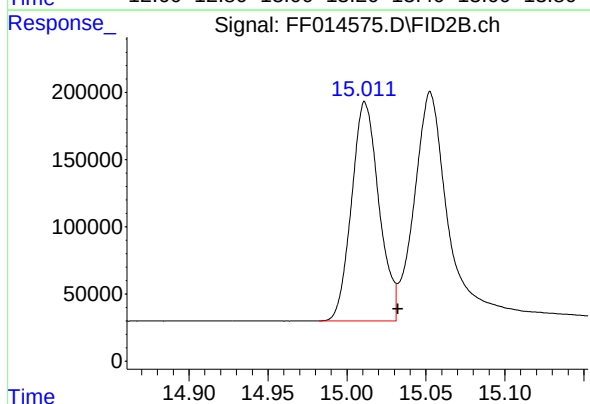
ClientSampleId :

20 PPM AROMATIC HC STD ICV

Manual Integrations

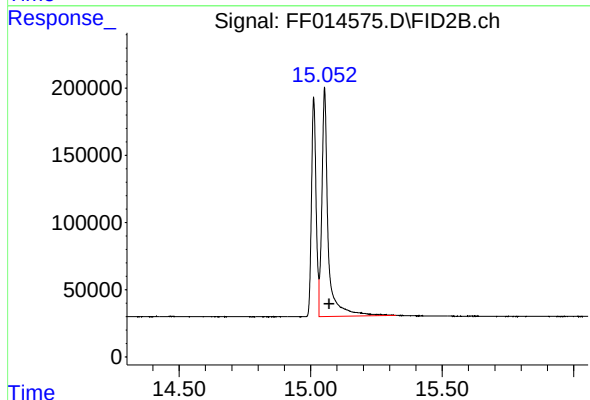
APPROVED

Reviewed By :Yogesh Patel 10/02/2024
Supervised By :Ankita Jodhani 10/02/2024



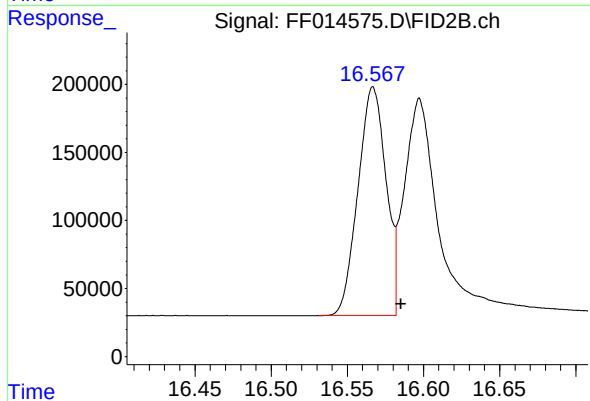
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.011 min
Delta R.T.: -0.022 min
Response: 1975006
Conc: 22.38 ug/ml m



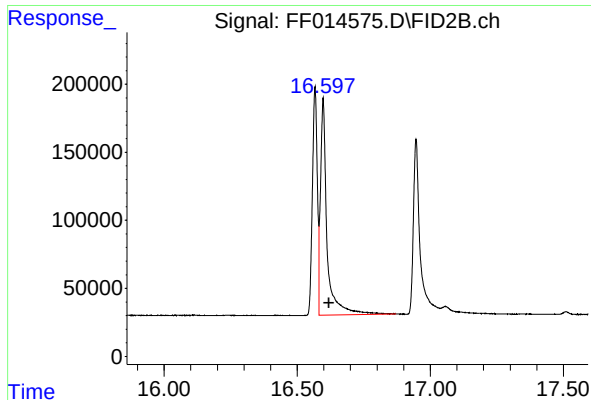
#15 Chrysene (C27.41)

R.T.: 15.053 min
Delta R.T.: -0.019 min
Response: 2854096
Conc: 19.86 ug/ml



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

R.T.: 16.567 min
Delta R.T.: -0.019 min
Response: 2156108
Conc: 22.31 ug/ml m



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

R.T.: 16.597 min
Delta R.T.: -0.022 min
Response: 2759728
Conc: 20.31 ug/ml

Instrument :

FID_F

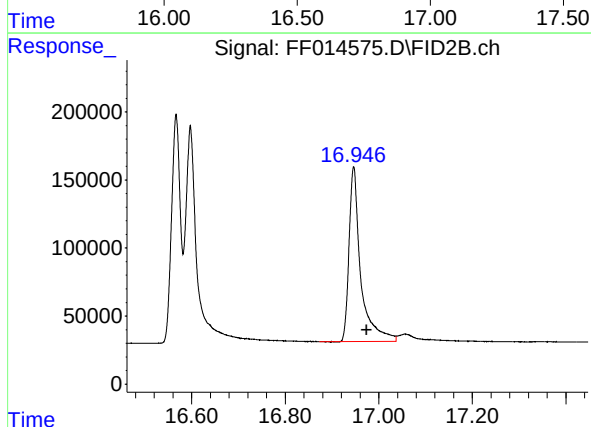
ClientSampleId :

20 PPM AROMATIC HC STD ICV

Manual Integrations

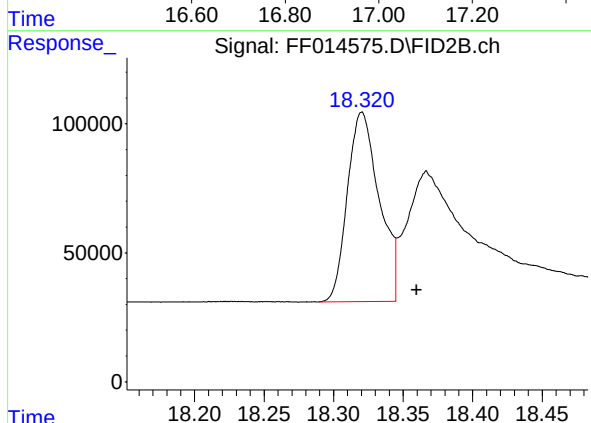
APPROVED

Reviewed By :Yogesh Patel 10/02/2024
Supervised By :Ankita Jodhani 10/02/2024



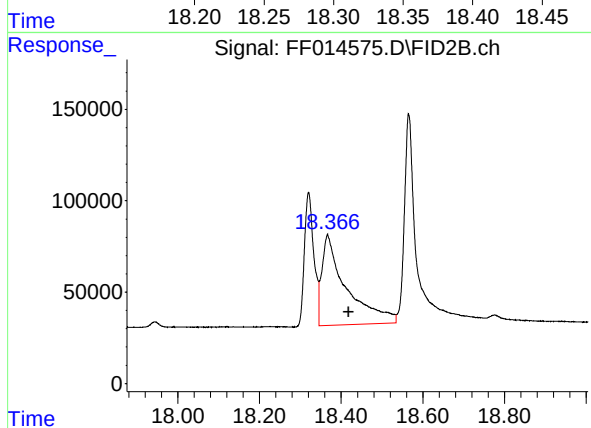
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.946 min
Delta R.T.: -0.028 min
Response: 2228357
Conc: 20.33 ug/ml



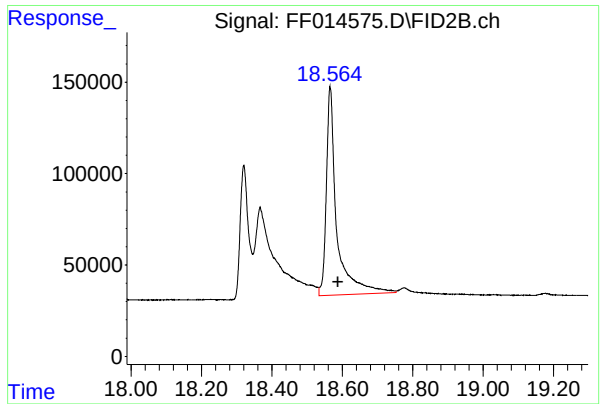
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.320 min
Delta R.T.: -0.039 min
Response: 1178757
Conc: 18.39 ug/ml m



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

R.T.: 18.367 min
Delta R.T.: -0.051 min
Response: 2060619
Conc: 19.54 ug/ml



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

R.T.: 18.566 min
Delta R.T.: -0.022 min
Response: 2345174
Conc: 19.30 ug/ml

Instrument :

FID_F

ClientSampleId :

20 PPM AROMATIC HC STD ICV

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/02/2024
Supervised By :Ankita Jodhani 10/02/2024

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Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD ICV
Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/02/2024
Supervised By :Ankita Jodhani 10/02/2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF093024.M
Data File : FF014575.D
Signal(s) : FID2B.ch
Acq On : 30 Sep 2024 20:44
Sample : 20 PPM AROMATIC HC STD ICV
Misc :
ALS Vial : 66 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 093024.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	4.474	4.416	4.602	BB	266305	2728738	95.61%	5.426%
2	6.139	6.089	6.349	BB	239218	2709209	94.92%	5.387%
3	7.233	7.199	7.432	BB	230632	2687558	94.16%	5.344%
4	7.862	7.797	8.072	BB	194183	2264839	79.35%	4.504%
5	8.530	8.464	8.694	BB	250183	2676198	93.77%	5.322%
6	8.732	8.694	8.802	BV	101574	1330407	46.61%	2.645%
7	8.829	8.802	9.006	VB	256995	2802730	98.20%	5.573%
8	9.618	9.551	9.821	BV	196062	2513957	88.08%	4.999%
9	11.020	10.949	11.071	BV	208559	2436662	85.37%	4.845%
10	11.096	11.071	11.381	VB	161829	2544710	89.16%	5.060%
11	11.791	11.749	11.914	BB	255376	2843284	99.62%	5.654%
12	12.837	12.799	13.007	PV	196738	2583318	90.51%	5.137%
13	13.134	13.097	13.331	BB	203810	2616183	91.66%	5.202%
14	15.012	14.977	15.032	BV	161421	1976262	69.24%	3.930%
15	15.053	15.032	15.324	VB	170636	2854096	100.00%	5.675%
16	16.567	16.512	16.582	BV	167912	2149168	75.30%	4.274%
17	16.597	16.582	16.871	VB	159641	2759728	96.69%	5.488%
18	16.946	16.872	17.037	BV	128589	2228357	78.08%	4.431%
19	18.320	18.281	18.346	BV	73199	1178684	41.30%	2.344%
20	18.367	18.346	18.534	VV	49784	2060619	72.20%	4.097%
21	18.566	18.534	18.752	VV	113489	2345174	82.17%	4.663%
Sum of corrected areas:							50289881	

Aromatic EPH 093024.M Wed Oct 02 04:28:17 2024