

Initial Calibration Report for SequenceID : FD010824AR

AreaCount

Parameter Range	FD047110.D	FD047111.D	FD047112.D	FD047113.D	FD047114.D	
Aromatic C10-C12	30594523.000	15729695.000	6444561.000	3346233.000	1695707.000	
Aromatic C12-C16	46047337.000	23712476.000	9764943.000	5077319.000	2588756.000	
Aromatic C16-C21	58906452.000	30523290.000	12614331.000	6478817.000	3253387.000	
Aromatic C21-C36	122367571.000	64152113.000	26078802.000	13446228.000	6675810.000	
Aromatic EPH	257915883.000	134117574.000	54902637.000	28348597.000	14213660.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aromatic C10-C12	161653.188	4.256				
Aromatic C12-C16	163230.209333	4.797				
Aromatic C16-C21	156440.2985	4.164				
Aromatic C21-C36	144232.0637774	3.722				
Aromatic EPH	152047.0428884	4.033				

Concentration

Parameter Range	FD047110.D	FD047111.D	FD047112.D	FD047113.D	FD047114.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	FD047110.D	FD047111.D	FD047112.D	FD047113.D	FD047114.D	
Aromatic C10-C12	152972.615000	157296.950000	161114.025000	167311.650000	169570.700000	
Aromatic C12-C16	153491.123333	158083.173333	162749.050000	169243.966666	172583.733333	
Aromatic C16-C21	147266.130000	152616.450000	157679.137500	161970.425000	162669.350000	
Aromatic C21-C36	135963.967777	142560.251111	144882.233333	149402.533333	148351.333333	
Aromatic EPH	143286.601666	149019.526666	152507.325000	157492.205555	157929.555555	

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010824AR\
 Data File : FD047110.D
 Signal(s) : FID2B.ch
 Acq On : 08 Jan 2024 12:01
 Operator : YP/AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 08 14:20:01 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010824.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 08 14:16:54 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...	7.476	14474356	97.181 ug/ml
Spiked Amount 50.000		Recovery =	194.36%
6) S 2-Fluorobiphenyl (SURR)	8.329	9802971	97.766 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	195.53%#
11) S ortho-Terphenyl (SURR)	11.368	16535820	96.214 ug/ml
Spiked Amount 50.000		Recovery =	192.43%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.289	14858250	97.785 ug/ml
2) T Naphthalene (C11.7)	5.816	15736273	97.055 ug/ml
3) T 2-Methylnaphthalene (...)	6.865	15951048	97.180 ug/ml
5) T Acenaphthylene (C15.06)	8.134	14622073	97.090 ug/ml
7) T Acenaphthene (C15.5)	8.431	15474216	96.945 ug/ml
8) T Fluorene (C16.55)	9.209	15261811	96.964 ug/ml
9) T Phenanthrene (C19.36)	10.597	14925929	96.817 ug/ml
10) T Anthracene (C19.43)	10.674	14252707	96.383 ug/ml
12) T Fluoranthene (C21.85)	12.402	14889230	96.297 ug/ml
13) T Pyrene (C20.8)	12.697	14466005	96.151 ug/ml
14) T Benzo[a]anthracene (C...	14.560	13439777	97.130 ug/ml
15) T Chrysene (C27.41)	14.608	14116946	95.491 ug/ml
16) T benzo[b]fluoranthene ...	16.106	13846935	97.568 ug/ml
17) T Bnezo[k]fluoranthene ...	16.145	13511686	96.274 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.484	13483115	96.962 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.844	13366712	101.389 ug/ml
20) T Dibenz[a,h]anthracene...	17.885	12680309	94.730 ug/ml
21) T Benzo[g,h,i]perylene ...	18.101	13032861	97.272 ug/ml

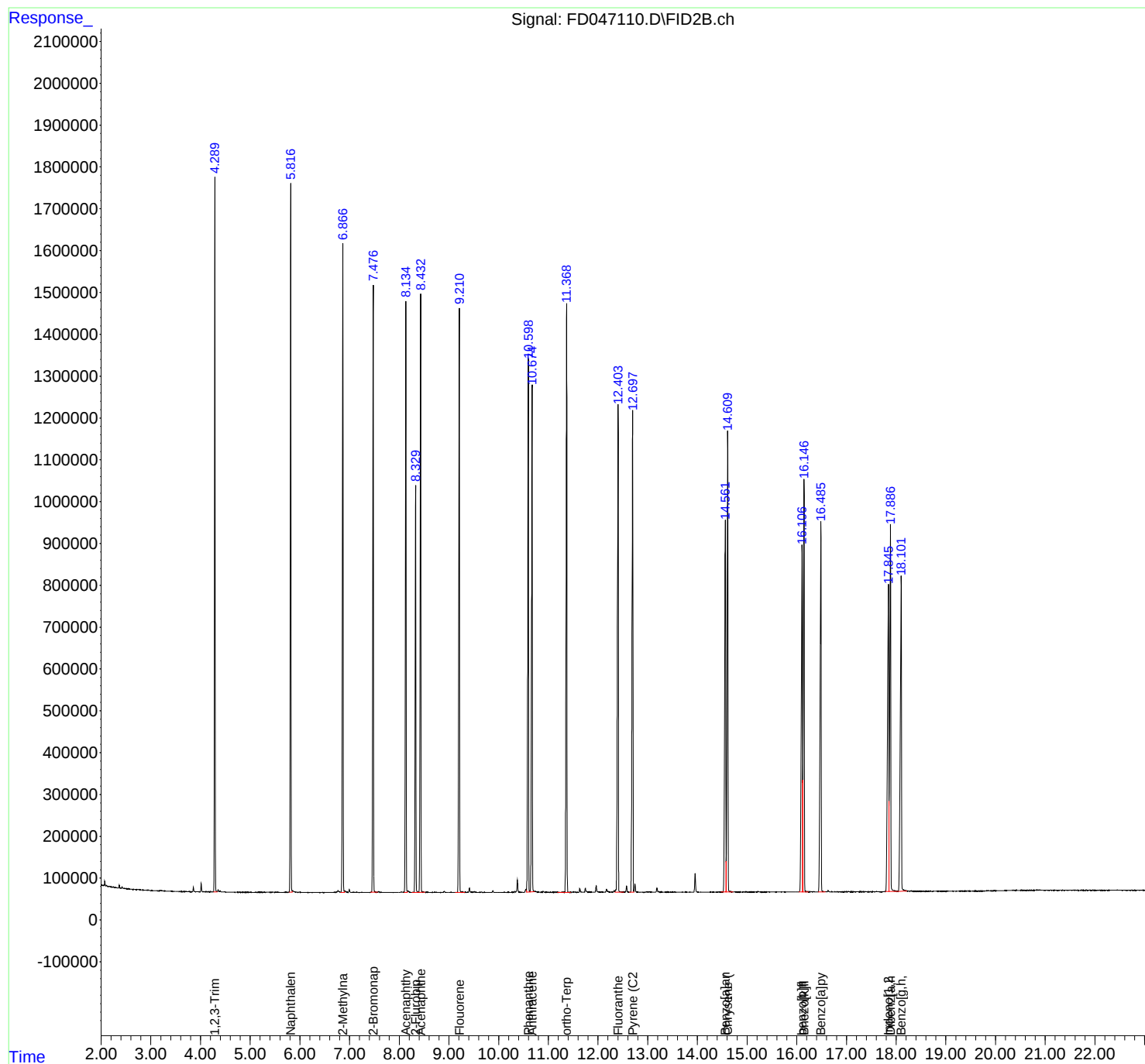
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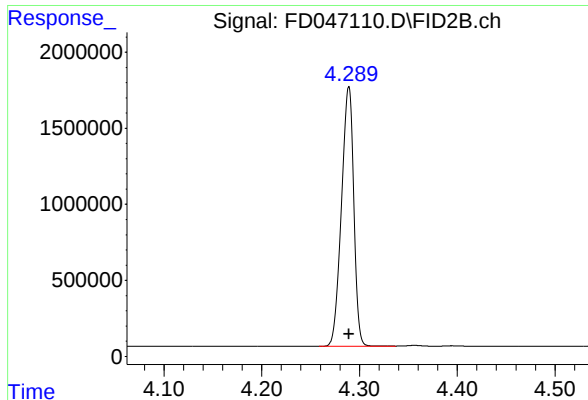
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010824AR\
Data File : FD047110.D
Signal(s) : FID2B.ch
Acq On : 08 Jan 2024 12:01
Operator : YP/AJ
Sample : 100 PPM AROMATIC HC STD1
Misc :
ALS Vial : 66 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Jan 08 14:20:01 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010824.M
Quant Title : GC Extractables
QLast Update : Mon Jan 08 14:16:54 2024
Response via : Initial Calibration
Integrator: ChemStation

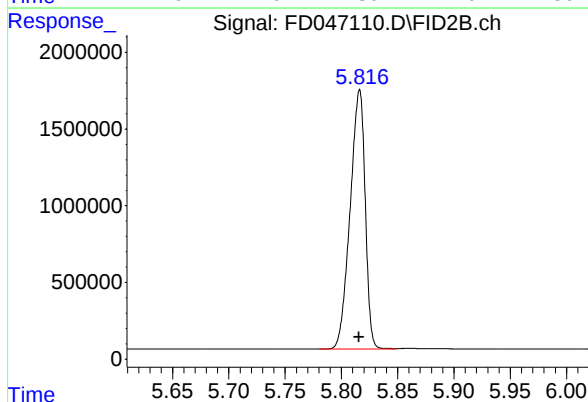
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





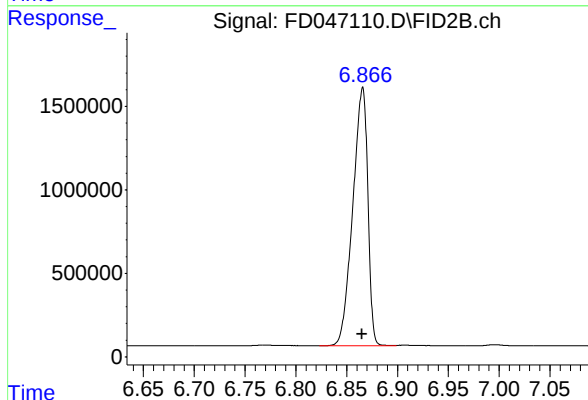
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.289 min
Delta R.T.: 0.000 min
Response: 14858250
Conc: 97.78 ug/ml



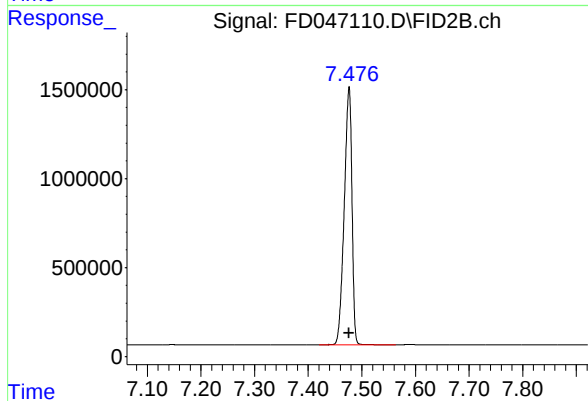
#2 Naphthalene (C11.7)

R.T.: 5.816 min
Delta R.T.: 0.000 min
Response: 15736273
Conc: 97.05 ug/ml



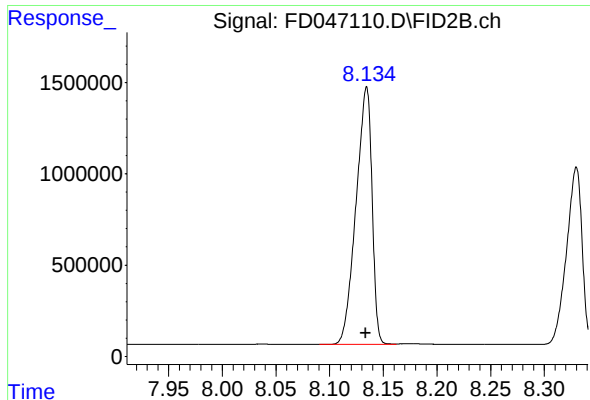
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.865 min
Delta R.T.: 0.000 min
Response: 15951048
Conc: 97.18 ug/ml



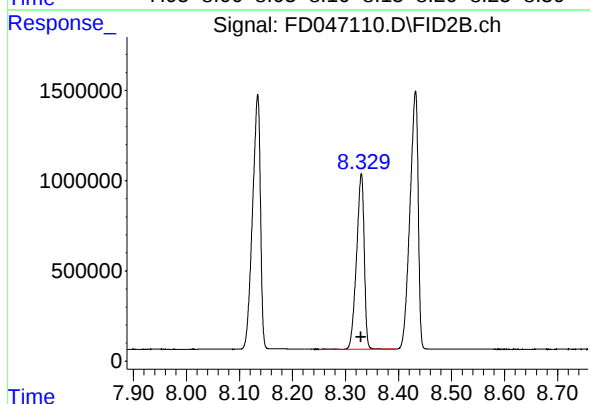
#4 2-Bromonaphthalene (SURR)

R.T.: 7.476 min
Delta R.T.: 0.000 min
Response: 14474356
Conc: 97.18 ug/ml



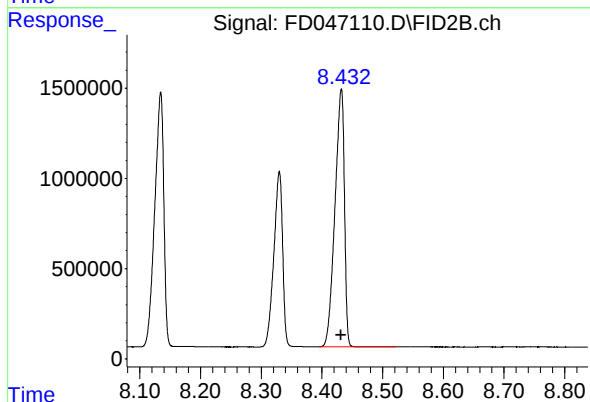
#5 Acenaphthylene (C15.06)

R.T.: 8.134 min
Delta R.T.: 0.000 min
Response: 14622073
Conc: 97.09 ug/ml



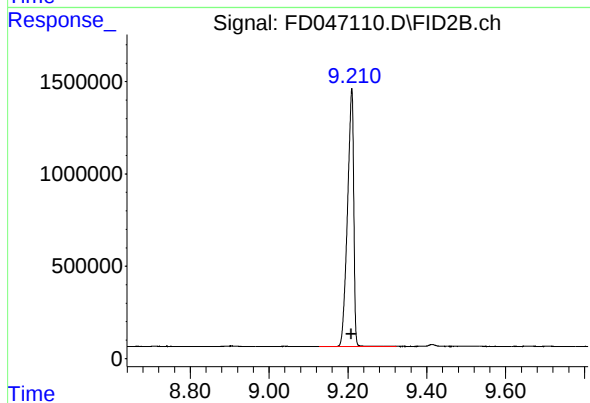
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.329 min
Delta R.T.: 0.000 min
Response: 9802971
Conc: 97.77 ug/ml



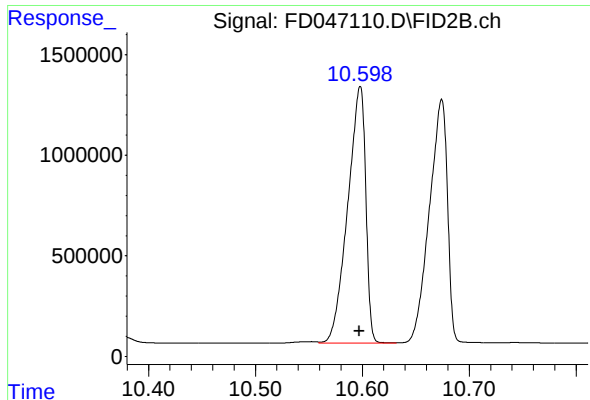
#7 Acenaphthene (C15.5)

R.T.: 8.431 min
Delta R.T.: 0.000 min
Response: 15474216
Conc: 96.95 ug/ml



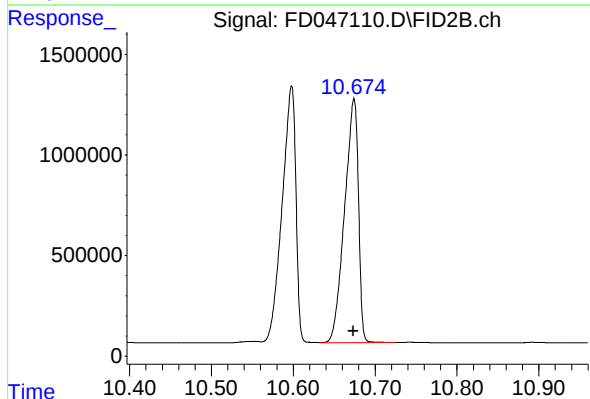
#8 Flouorene (C16.55)

R.T.: 9.209 min
Delta R.T.: 0.000 min
Response: 15261811
Conc: 96.96 ug/ml



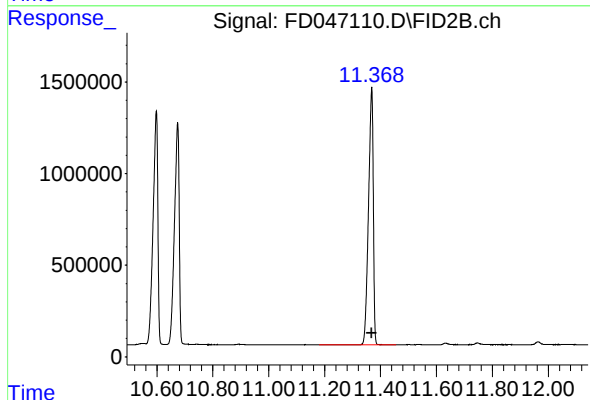
#9 Phenanthrene (C19.36)

R.T.: 10.597 min
Delta R.T.: 0.000 min
Response: 14925929
Conc: 96.82 ug/ml



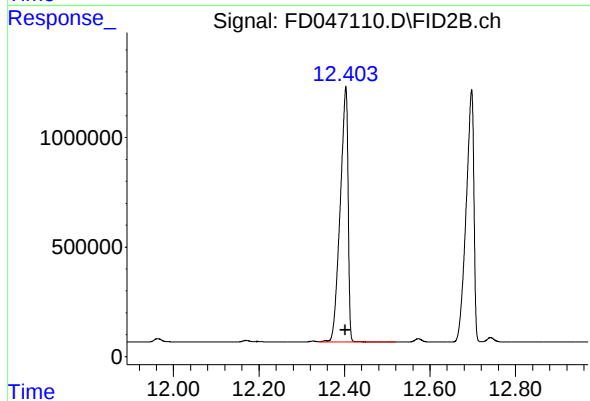
#10 Anthracene (C19.43)

R.T.: 10.674 min
Delta R.T.: 0.000 min
Response: 14252707
Conc: 96.38 ug/ml



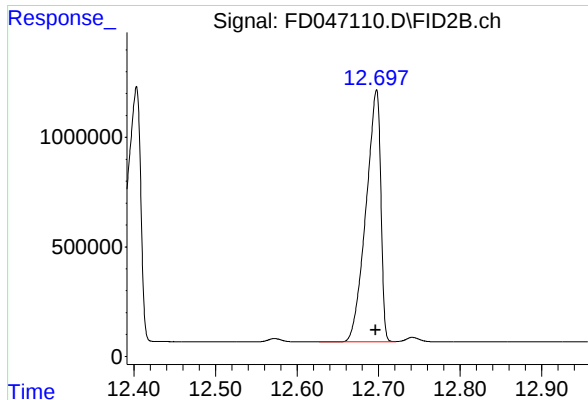
#11 ortho-Terphenyl (SURR)

R.T.: 11.368 min
Delta R.T.: 0.000 min
Response: 16535820
Conc: 96.21 ug/ml



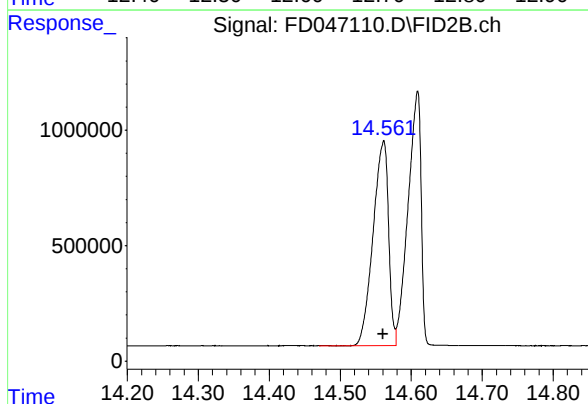
#12 Fluoranthene (C21.85)

R.T.: 12.402 min
Delta R.T.: 0.000 min
Response: 14889230
Conc: 96.30 ug/ml



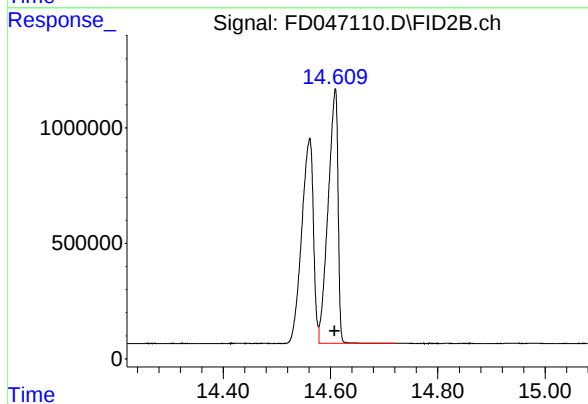
#13 Pyrene (C20.8)

R.T.: 12.697 min
Delta R.T.: 0.000 min
Response: 14466005
Conc: 96.15 ug/ml



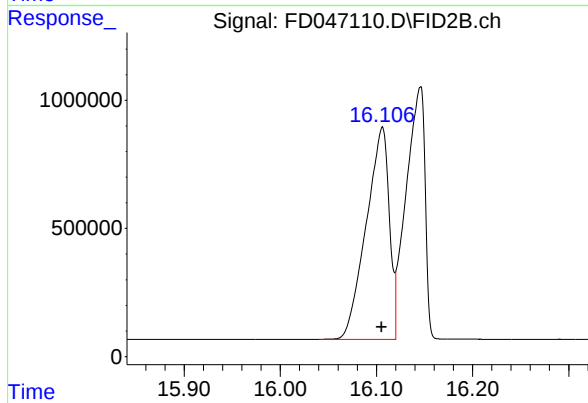
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.560 min
Delta R.T.: 0.000 min
Response: 13439777
Conc: 97.13 ug/ml



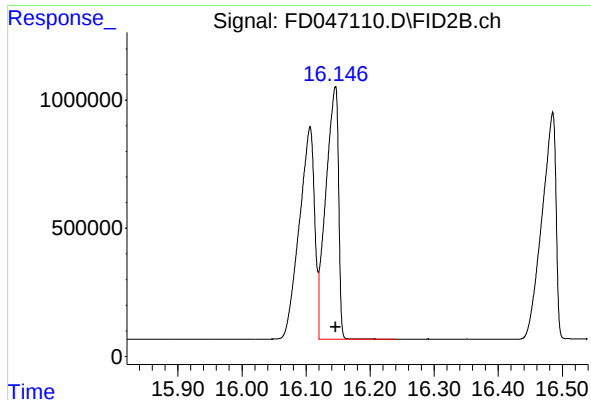
#15 Chrysene (C27.41)

R.T.: 14.608 min
Delta R.T.: 0.000 min
Response: 14116946
Conc: 95.49 ug/ml



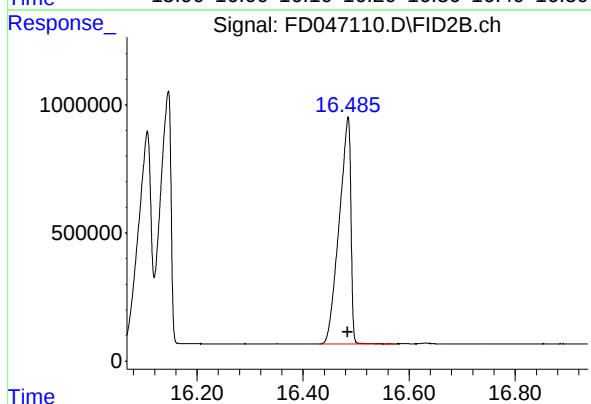
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.106 min
Delta R.T.: 0.000 min
Response: 13846935
Conc: 97.57 ug/ml



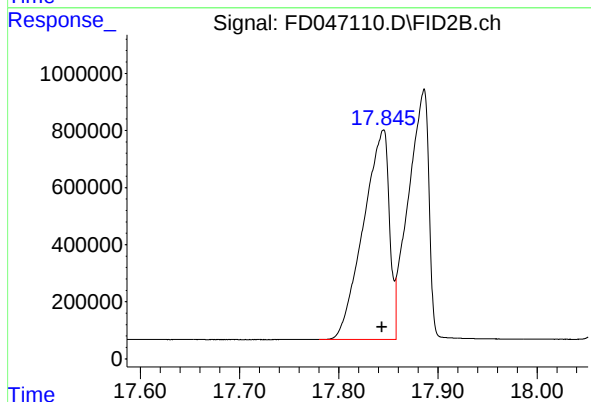
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.145 min
Delta R.T.: -0.002 min
Response: 13511686
Conc: 96.27 ug/ml



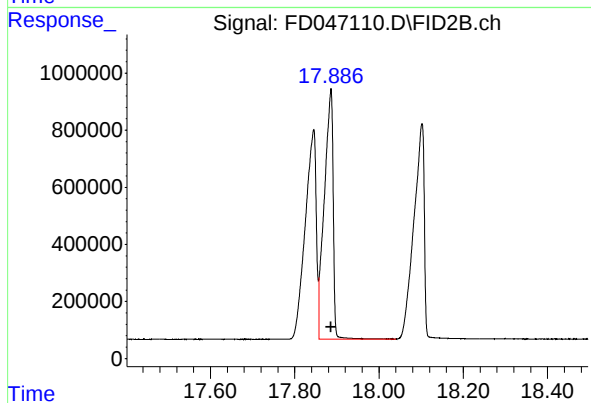
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.484 min
Delta R.T.: 0.000 min
Response: 13483115
Conc: 96.96 ug/ml



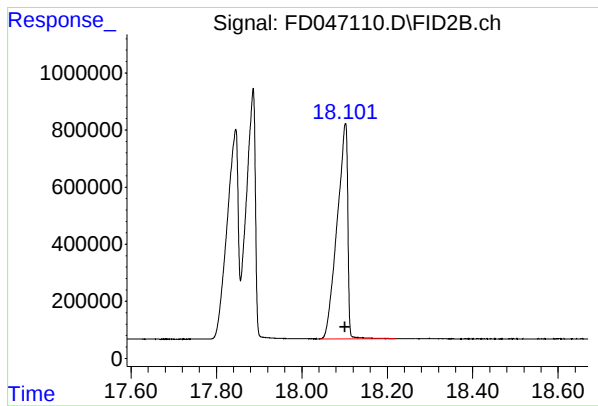
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.844 min
Delta R.T.: 0.000 min
Response: 13366712
Conc: 101.39 ug/ml



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

R.T.: 17.885 min
Delta R.T.: -0.001 min
Response: 12680309
Conc: 94.73 ug/ml



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

R.T.: 18.101 min
Delta R.T.: 0.000 min
Response: 13032861
Conc: 97.27 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010824AR\
 Data File : FD047110.D
 Signal(s) : FID2B.ch
 Acq On : 08 Jan 2024 12:01
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010824.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	4.289	4.259	4.337	BV	1706492	14858250	89.85%	4.974%
2	5.816	5.780	5.849	BV	1680804	15736273	95.16%	5.268%
3	6.865	6.823	6.899	VV	1547256	15951048	96.46%	5.340%
4	7.476	7.420	7.564	BV	1436850	14474356	87.53%	4.845%
5	8.134	8.090	8.162	VV	1405032	14622073	88.43%	4.895%
6	8.329	8.250	8.395	BV	979062	9802971	59.28%	3.282%
7	8.431	8.395	8.522	VB	1435439	15474216	93.58%	5.180%
8	9.209	9.127	9.322	BB	1383162	15261811	92.30%	5.109%
9	10.597	10.560	10.631	VV	1272347	14925929	90.26%	4.996%
10	10.674	10.631	10.725	VV	1209538	14252707	86.19%	4.771%
11	11.368	11.180	11.455	BV	1415763	16535820	100.00%	5.535%
12	12.402	12.340	12.520	VV	1152127	14889230	90.04%	4.984%
13	12.697	12.627	12.721	BV	1147548	14466005	87.48%	4.843%
14	14.560	14.470	14.579	BV	881326	13439777	81.28%	4.499%
15	14.608	14.579	14.722	VB	1104534	14116946	85.37%	4.726%
16	16.106	16.040	16.120	BV	825226	13846935	83.74%	4.635%
17	16.145	16.120	16.240	VB	985064	13511686	81.71%	4.523%
18	16.484	16.430	16.575	BV	876734	13483115	81.54%	4.513%
19	17.844	17.780	17.858	BV	727917	13366712	80.83%	4.475%
20	17.885	17.858	18.040	VV	870690	12680309	76.68%	4.245%
21	18.101	18.040	18.220	PBA	750476	13032861	78.82%	4.363%
Sum of corrected areas:						298729030		

Aromatic EPH 010824.M Tue Jan 09 00:23:13 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010824AR\
 Data File : FD047111.D
 Signal(s) : FID2B.ch
 Acq On : 08 Jan 2024 12:39
 Operator : YP/AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 08 14:21:56 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010824.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 08 14:16:54 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...	7.472	7430372	49.925 ug/ml
Spiked Amount 50.000		Recovery =	99.85%
6) S 2-Fluorobiphenyl (SURR)	8.325	5022345	50.059 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	100.12%
11) S ortho-Terphenyl (SURR)	11.362	8593951	50.003 ug/ml
Spiked Amount 50.000		Recovery =	100.01%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.285	7621693	50.106 ug/ml
2) T Naphthalene (C11.7)	5.811	8108002	50.005 ug/ml
3) T 2-Methylnaphthalene (...)	6.860	8228025	50.085 ug/ml
5) T Acenaphthylene (C15.06)	8.128	7511482	49.917 ug/ml
7) T Acenaphthene (C15.5)	8.425	7972969	49.967 ug/ml
8) T Fluorene (C16.55)	9.202	7860809	49.962 ug/ml
9) T Phenanthrene (C19.36)	10.590	7748190	50.172 ug/ml
10) T Anthracene (C19.43)	10.666	7347787	49.792 ug/ml
12) T Fluoranthene (C21.85)	12.394	7773575	50.184 ug/ml
13) T Pyrene (C20.8)	12.688	7566504	50.194 ug/ml
14) T Benzo[a]anthracene (C...	14.552	7025948	50.515 ug/ml
15) T Chrysene (C27.41)	14.595	7442228	50.227 ug/ml
16) T benzo[b]fluoranthene ...	16.095	7230397	50.627 ug/ml
17) T Bnezo[k]fluoranthene ...	16.130	7170015	50.554 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.471	7064219	50.532 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.828	6781540	50.950 ug/ml
20) T Dibenz[a,h]anthracene...	17.869	6863484	50.520 ug/ml
21) T Benzo[g,h,i]perylene ...	18.083	6800707	50.503 ug/ml

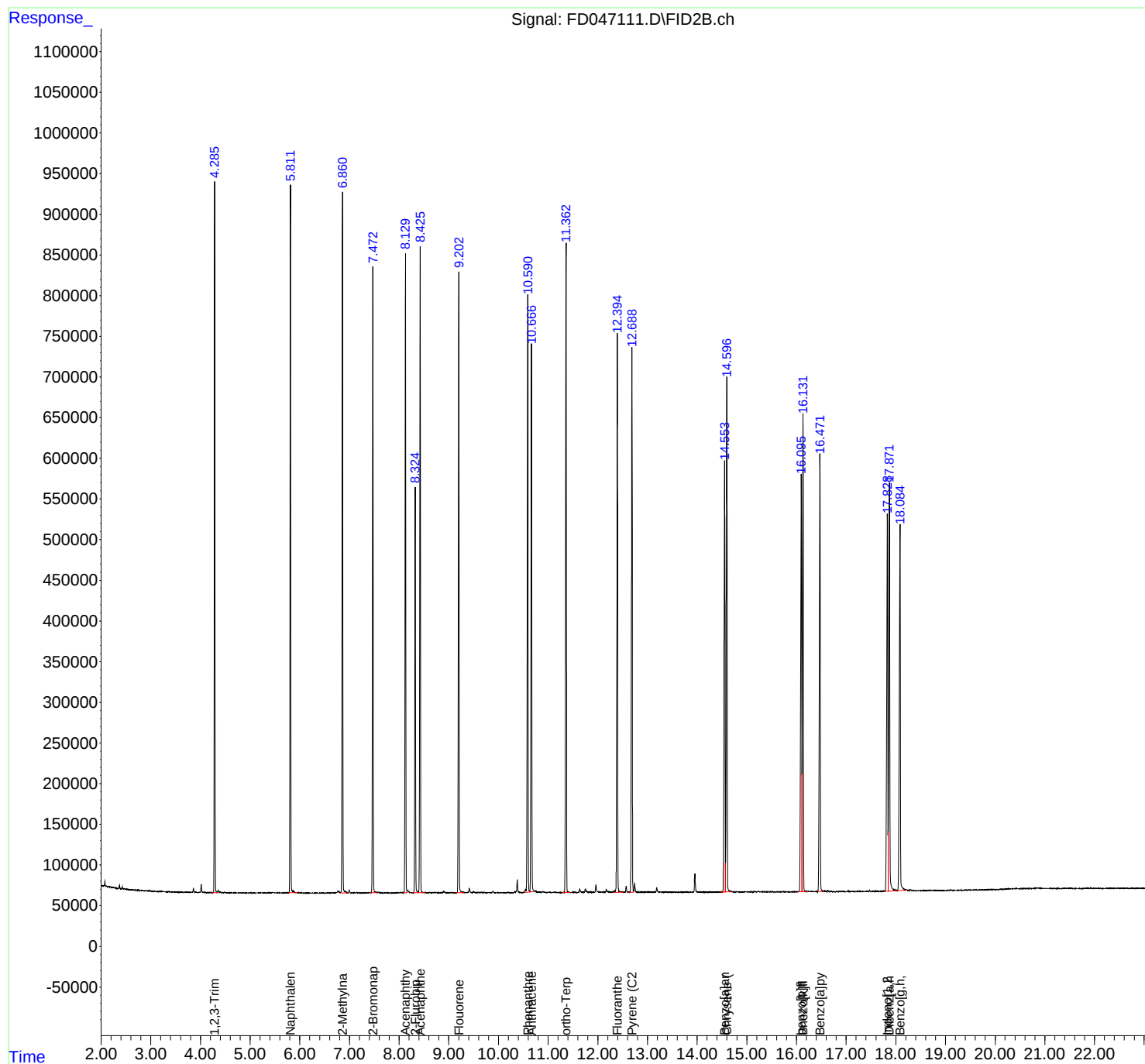
(f)=RT Delta > 1/2 Window

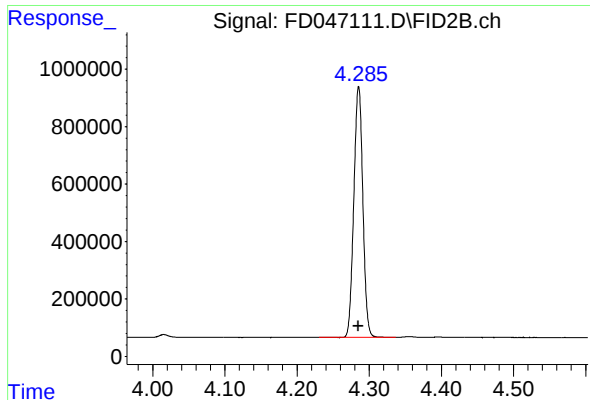
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010824AR\
Data File : FD047111.D
Signal(s) : FID2B.ch
Acq On : 08 Jan 2024 12:39
Operator : YP/AJ
Sample : 50 PPM AROMATIC HC STD2
Misc :
ALS Vial : 67 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Jan 08 14:21:56 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010824.M
Quant Title : GC Extractables
QLast Update : Mon Jan 08 14:16:54 2024
Response via : Initial Calibration
Integrator: ChemStation

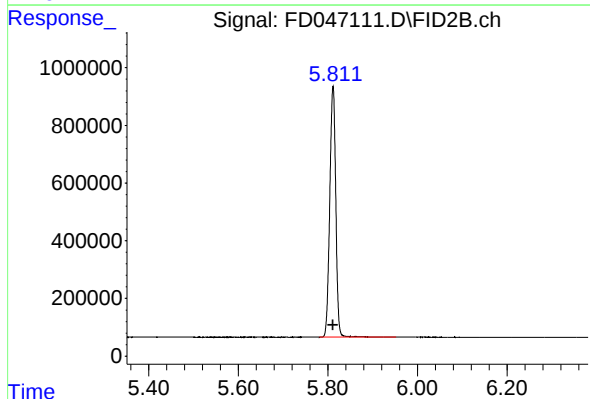
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





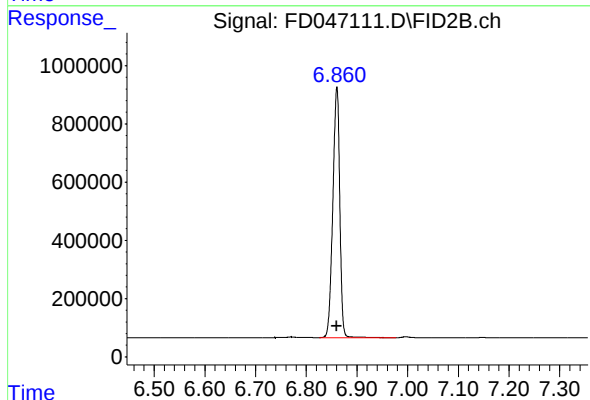
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.285 min
Delta R.T.: 0.000 min
Response: 7621693
Conc: 50.11 ug/ml



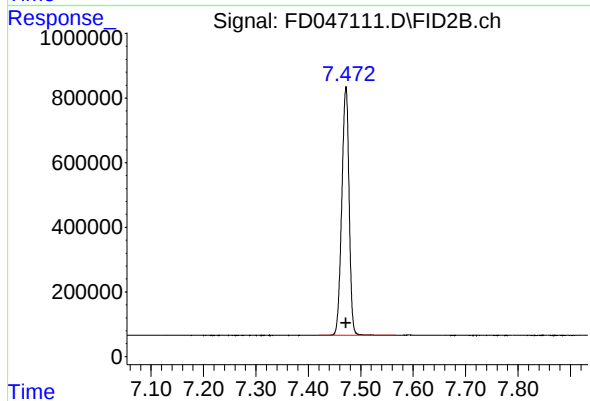
#2 Naphthalene (C11.7)

R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 8108002
Conc: 50.00 ug/ml



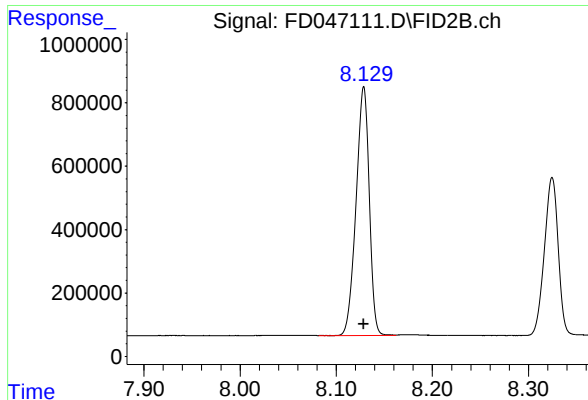
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.860 min
Delta R.T.: 0.000 min
Response: 8228025
Conc: 50.09 ug/ml



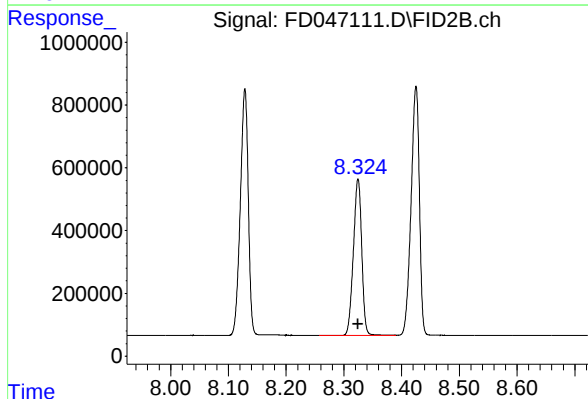
#4 2-Bromonaphthalene (SURR)

R.T.: 7.472 min
Delta R.T.: 0.000 min
Response: 7430372
Conc: 49.93 ug/ml



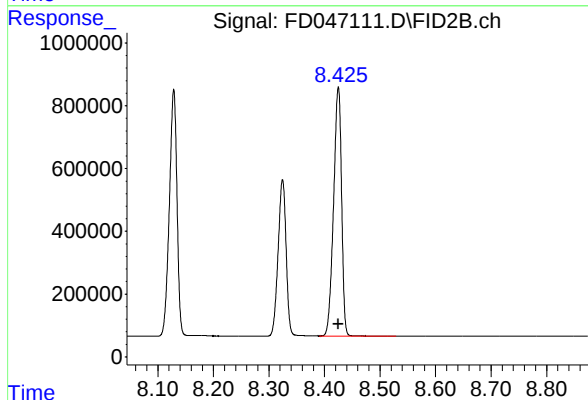
#5 Acenaphthylene (C15.06)

R.T.: 8.128 min
Delta R.T.: 0.000 min
Response: 7511482
Conc: 49.92 ug/ml



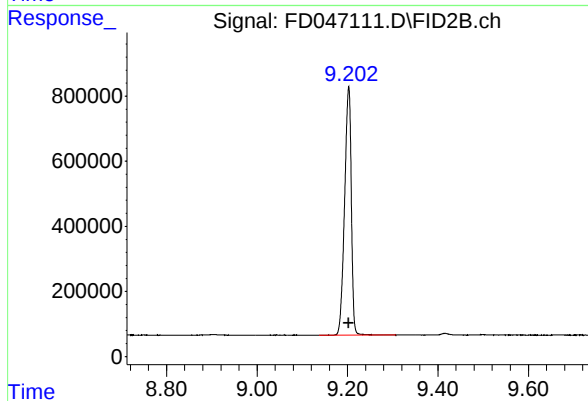
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.325 min
Delta R.T.: 0.000 min
Response: 5022345
Conc: 50.06 ug/ml



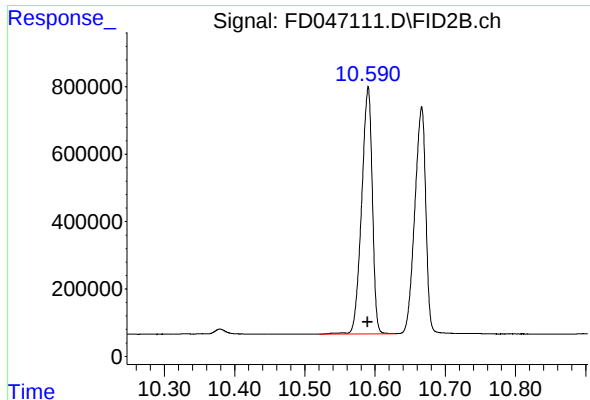
#7 Acenaphthene (C15.5)

R.T.: 8.425 min
Delta R.T.: 0.000 min
Response: 7972969
Conc: 49.97 ug/ml



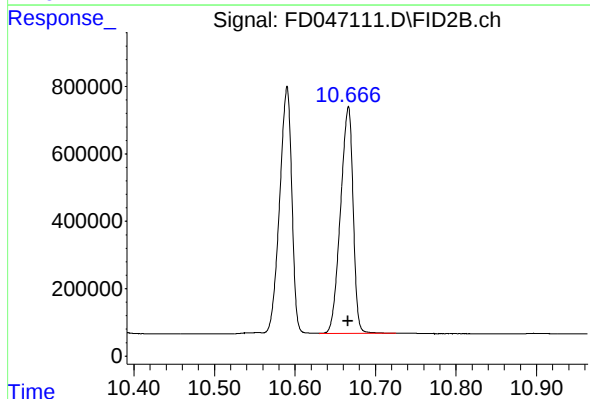
#8 Flouorene (C16.55)

R.T.: 9.202 min
Delta R.T.: 0.000 min
Response: 7860809
Conc: 49.96 ug/ml



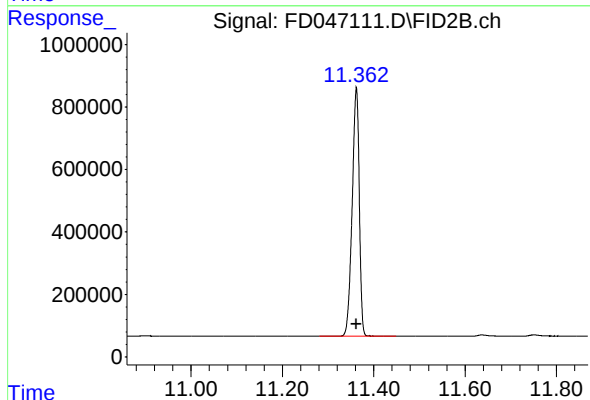
#9 Phenanthrene (C19.36)

R.T.: 10.590 min
Delta R.T.: 0.000 min
Response: 7748190
Conc: 50.17 ug/ml



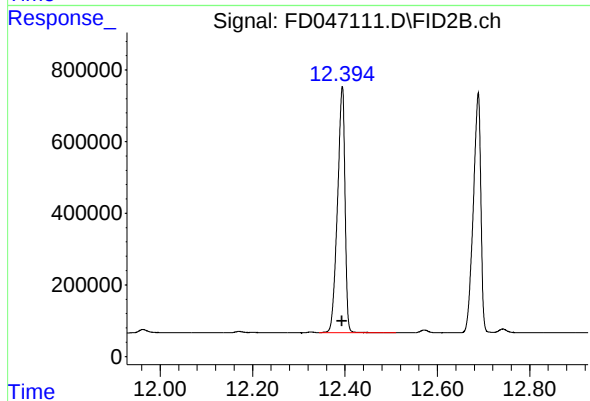
#10 Anthracene (C19.43)

R.T.: 10.666 min
Delta R.T.: 0.000 min
Response: 7347787
Conc: 49.79 ug/ml



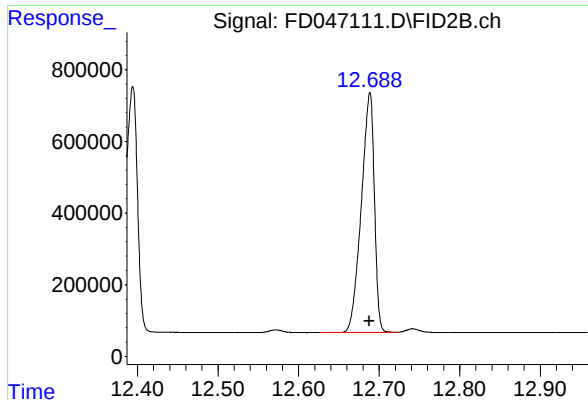
#11 ortho-Terphenyl (SURR)

R.T.: 11.362 min
Delta R.T.: 0.000 min
Response: 8593951
Conc: 50.00 ug/ml



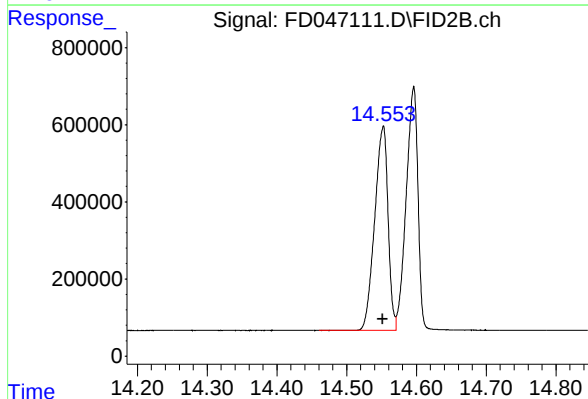
#12 Fluoranthene (C21.85)

R.T.: 12.394 min
Delta R.T.: 0.000 min
Response: 7773575
Conc: 50.18 ug/ml



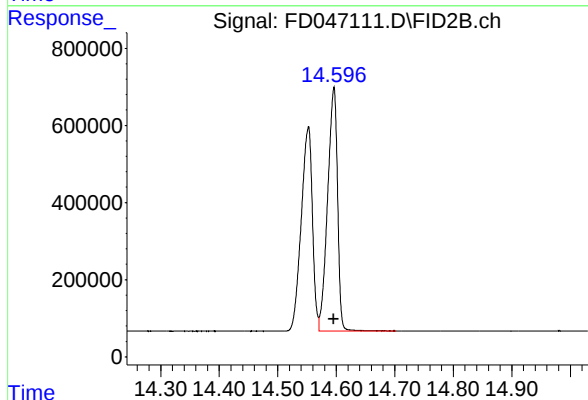
#13 Pyrene (C20.8)

R.T.: 12.688 min
Delta R.T.: 0.000 min
Response: 7566504
Conc: 50.19 ug/ml



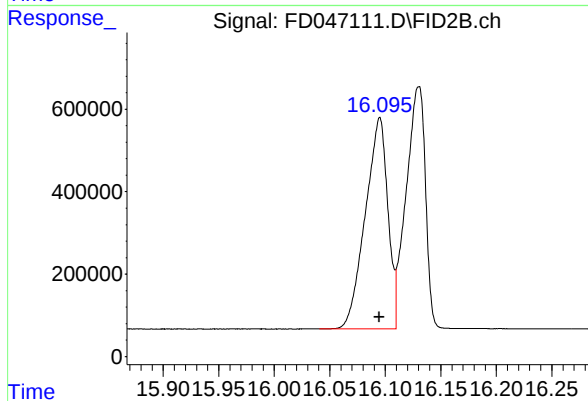
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.552 min
Delta R.T.: 0.000 min
Response: 7025948
Conc: 50.52 ug/ml



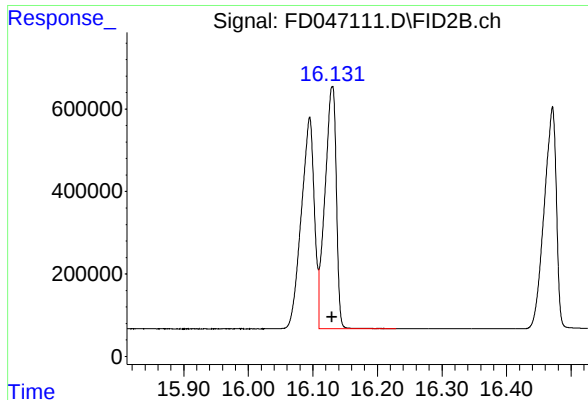
#15 Chrysene (C27.41)

R.T.: 14.595 min
Delta R.T.: 0.000 min
Response: 7442228
Conc: 50.23 ug/ml



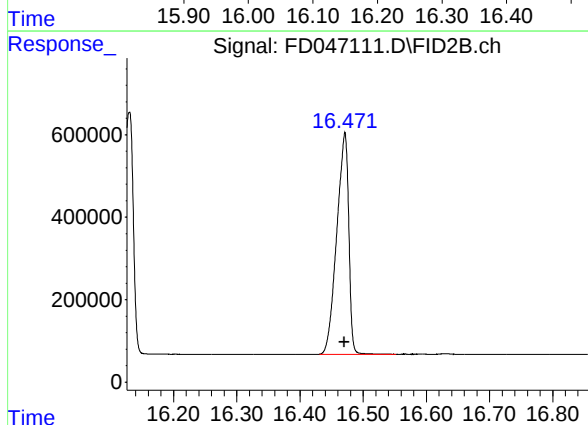
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.095 min
Delta R.T.: 0.000 min
Response: 7230397
Conc: 50.63 ug/ml



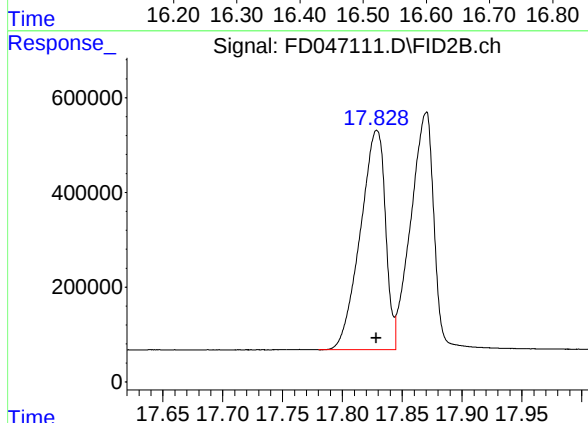
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.130 min
Delta R.T.: 0.000 min
Response: 7170015
Conc: 50.55 ug/ml



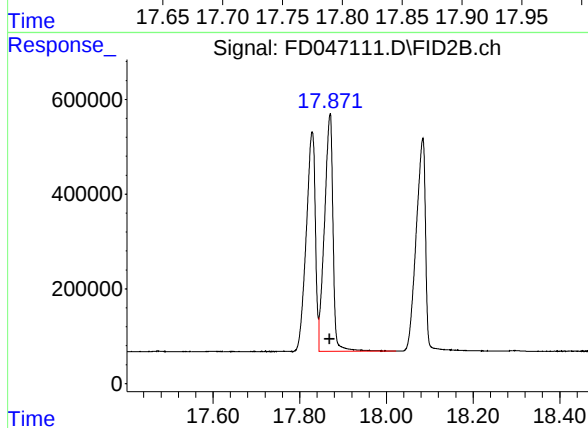
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.471 min
Delta R.T.: 0.000 min
Response: 7064219
Conc: 50.53 ug/ml



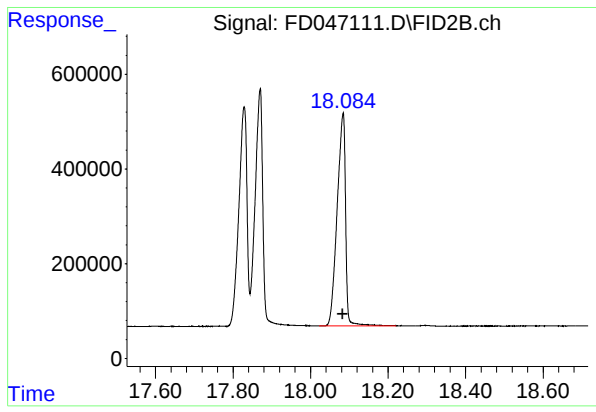
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.828 min
Delta R.T.: 0.000 min
Response: 6781540
Conc: 50.95 ug/ml



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

R.T.: 17.869 min
Delta R.T.: 0.000 min
Response: 6863484
Conc: 50.52 ug/ml



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

R.T.: 18.083 min
Delta R.T.: 0.000 min
Response: 6800707
Conc: 50.50 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010824AR\
 Data File : FD047111.D
 Signal(s) : FID2B.ch
 Acq On : 08 Jan 2024 12:39
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010824.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	4.285	4.230	4.337	BV	875370	7621693	88.69%	4.912%
2	5.811	5.780	5.952	BB	873319	8108002	94.35%	5.225%
3	6.860	6.825	6.977	VV	863769	8228025	95.74%	5.303%
4	7.472	7.420	7.567	BV	772524	7430372	86.46%	4.789%
5	8.128	8.082	8.162	BV	788236	7511482	87.40%	4.841%
6	8.325	8.257	8.390	BV	498972	5022345	58.44%	3.237%
7	8.425	8.390	8.529	VB	798471	7972969	92.77%	5.138%
8	9.202	9.137	9.307	BB	762481	7860809	91.47%	5.066%
9	10.590	10.520	10.630	BV	738468	7748190	90.16%	4.994%
10	10.666	10.630	10.725	VV	668378	7347787	85.50%	4.735%
11	11.362	11.280	11.449	BB	799771	8593951	100.00%	5.539%
12	12.394	12.344	12.510	VB	688024	7773575	90.45%	5.010%
13	12.688	12.625	12.721	BV	675255	7566504	88.04%	4.876%
14	14.552	14.460	14.571	BV	528091	7025948	81.75%	4.528%
15	14.595	14.571	14.702	VB	629444	7442228	86.60%	4.796%
16	16.095	16.040	16.110	BV	516298	7230397	84.13%	4.660%
17	16.130	16.110	16.229	VB	589387	7170015	83.43%	4.621%
18	16.471	16.430	16.552	BV	534339	7064219	82.20%	4.553%
19	17.828	17.780	17.845	BV	464183	6781540	78.91%	4.371%
20	17.869	17.845	18.022	VV	498927	6863484	79.86%	4.423%
21	18.083	18.022	18.220	VBA	449231	6800707	79.13%	4.383%
Sum of corrected areas:						155164241		

Aromatic EPH 010824.M Tue Jan 09 00:23:50 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010824AR\
 Data File : FD047112.D
 Signal(s) : FID2B.ch
 Acq On : 08 Jan 2024 13:17
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 08 14:17:11 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010824.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 08 14:16:54 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...	7.469	3062814	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.322	2050195	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.358	3567453	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.285	3106290	20.000 ug/ml
2) T Naphthalene (C11.7)	5.810	3338271	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	6.858	3375360	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.126	3099700	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.420	3289883	20.000 ug/ml
8) T Fluorene (C16.55)	9.198	3243528	20.000 ug/ml
9) T Phenanthrene (C19.36)	10.586	3181444	20.000 ug/ml
10) T Anthracene (C19.43)	10.660	3064496	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.388	3206875	20.000 ug/ml
13) T Pyrene (C20.8)	12.682	3124863	20.000 ug/ml
14) T Benzo[a]anthracene (C...	14.545	2846803	20.000 ug/ml
15) T Chrysene (C27.41)	14.587	3090006	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.087	2907470	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.119	2939319	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.461	2865578	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.819	2600080	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	17.860	2869883	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.069	2752788	20.000 ug/ml

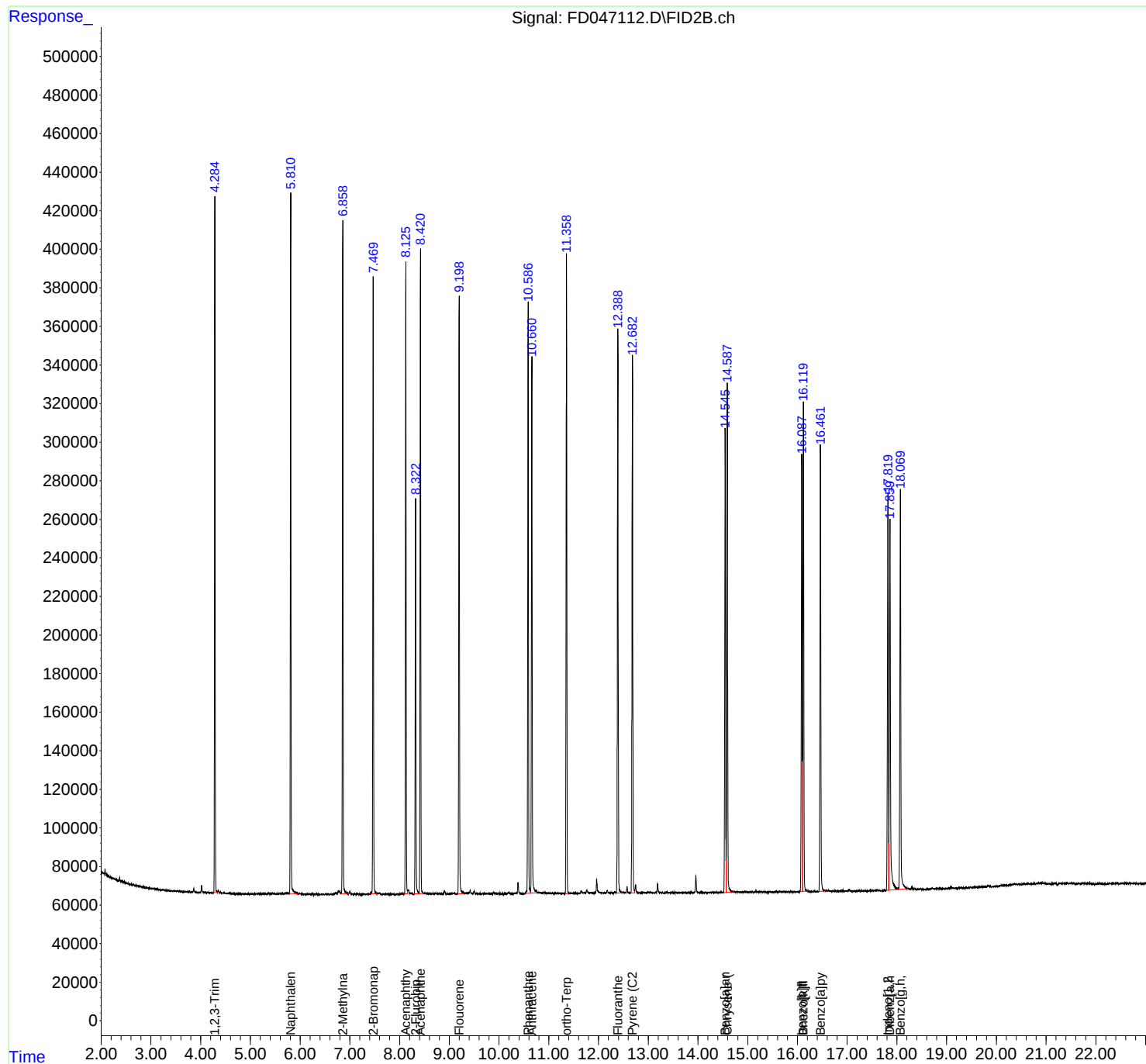
(f)=RT Delta > 1/2 Window

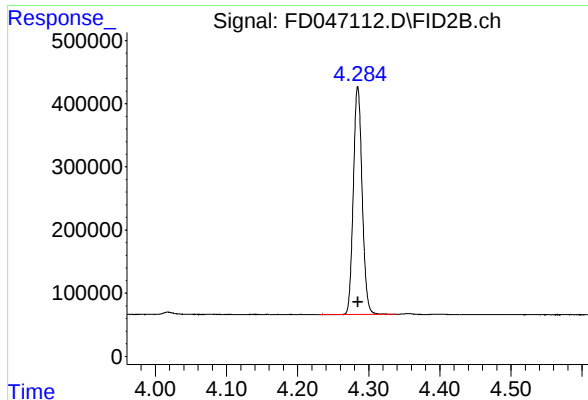
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010824AR\
Data File : FD047112.D
Signal(s) : FID2B.ch
Acq On : 08 Jan 2024 13:17
Operator : YP/AJ
Sample : 20 PPM AROMATIC HC STD3
Misc :
ALS Vial : 68 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Jan 08 14:17:11 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010824.M
Quant Title : GC Extractables
QLast Update : Mon Jan 08 14:16:54 2024
Response via : Initial Calibration
Integrator: ChemStation

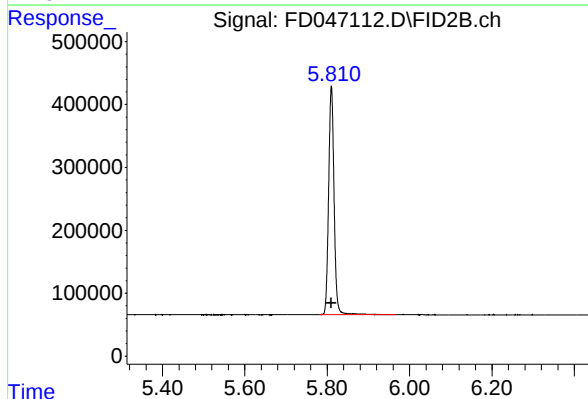
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





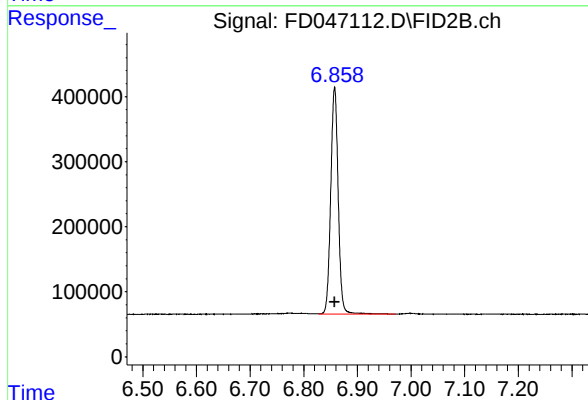
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.285 min
Delta R.T.: 0.000 min
Response: 3106290
Conc: 20.00 ug/ml



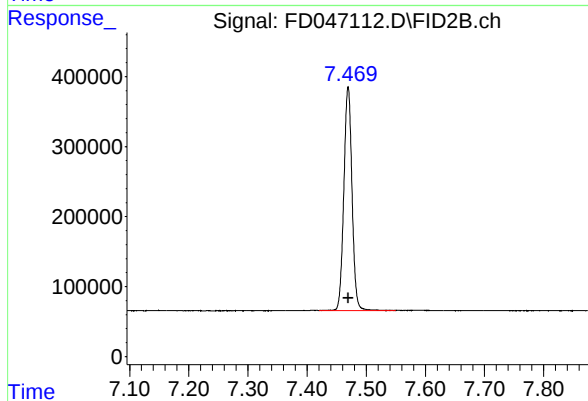
#2 Naphthalene (C11.7)

R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 3338271
Conc: 20.00 ug/ml



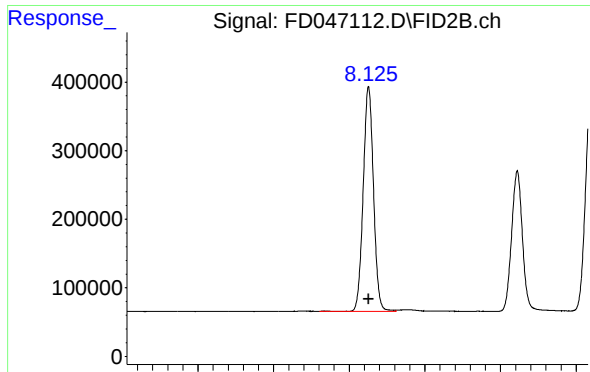
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.858 min
Delta R.T.: 0.000 min
Response: 3375360
Conc: 20.00 ug/ml



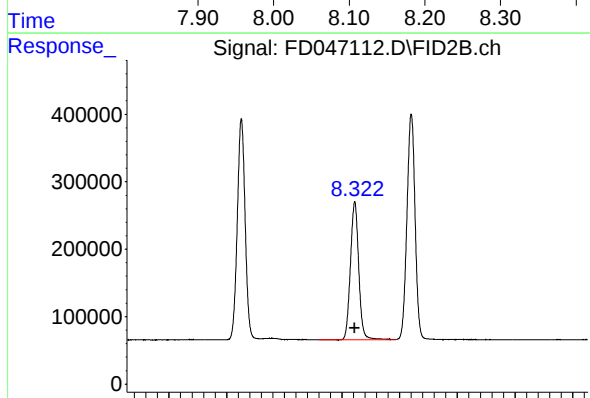
#4 2-Bromonaphthalene (SURR)

R.T.: 7.469 min
Delta R.T.: 0.000 min
Response: 3062814
Conc: 20.00 ug/ml



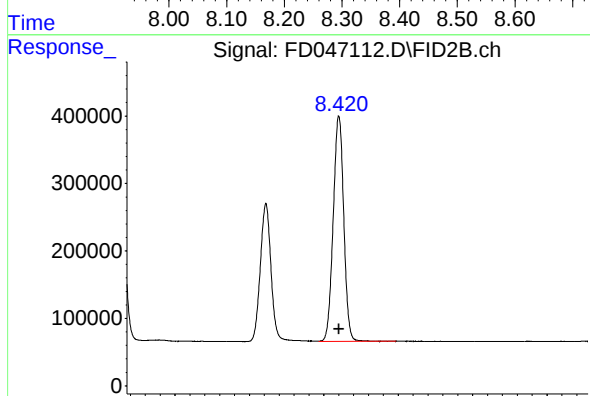
#5 Acenaphthylene (C15.06)

R.T.: 8.126 min
Delta R.T.: 0.000 min
Response: 3099700
Conc: 20.00 ug/ml



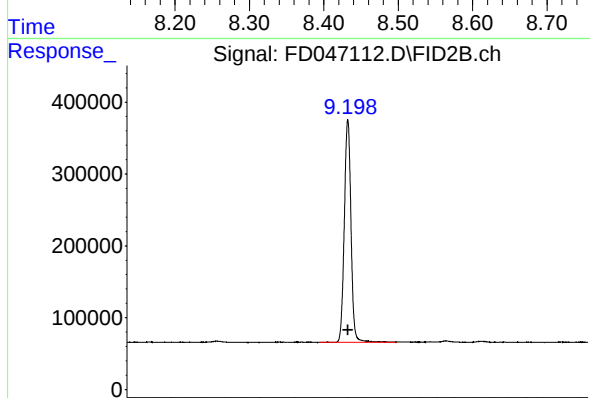
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.322 min
Delta R.T.: 0.000 min
Response: 2050195
Conc: 20.00 ug/ml



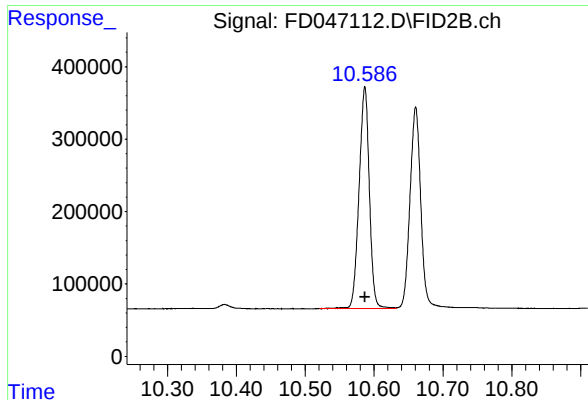
#7 Acenaphthene (C15.5)

R.T.: 8.420 min
Delta R.T.: 0.000 min
Response: 3289883
Conc: 20.00 ug/ml



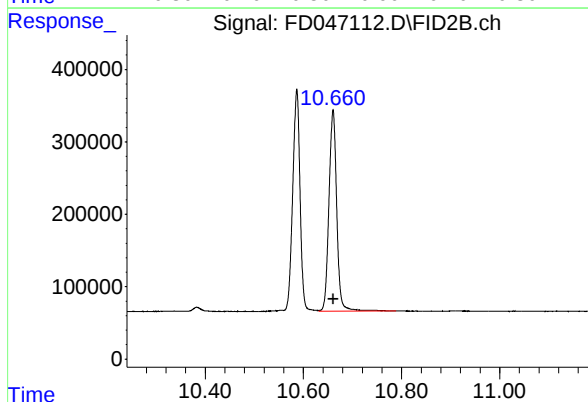
#8 Flouorene (C16.55)

R.T.: 9.198 min
Delta R.T.: 0.000 min
Response: 3243528
Conc: 20.00 ug/ml



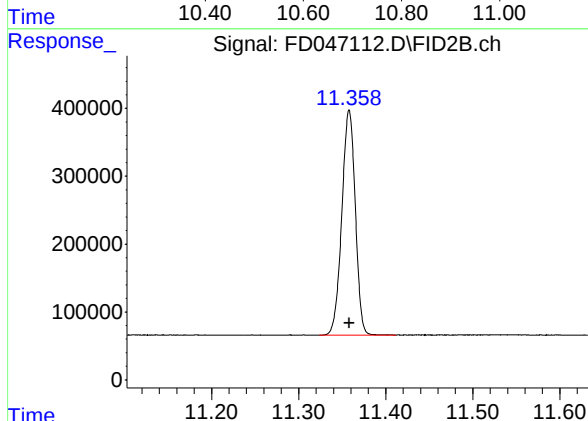
#9 Phenanthrene (C19.36)

R.T.: 10.586 min
Delta R.T.: 0.000 min
Response: 3181444
Conc: 20.00 ug/ml



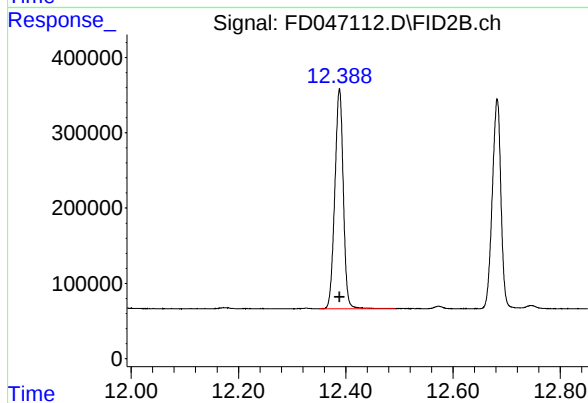
#10 Anthracene (C19.43)

R.T.: 10.660 min
Delta R.T.: 0.000 min
Response: 3064496
Conc: 20.00 ug/ml



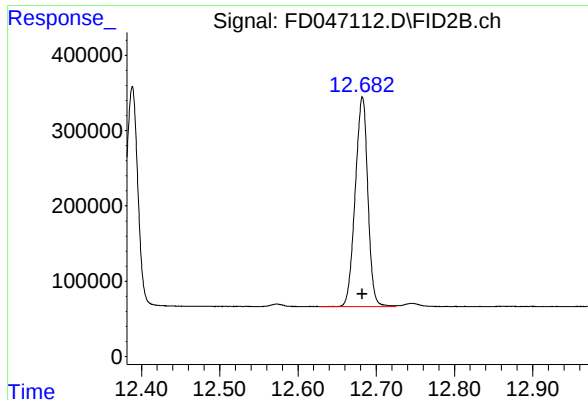
#11 ortho-Terphenyl (SURR)

R.T.: 11.358 min
Delta R.T.: 0.000 min
Response: 3567453
Conc: 20.00 ug/ml



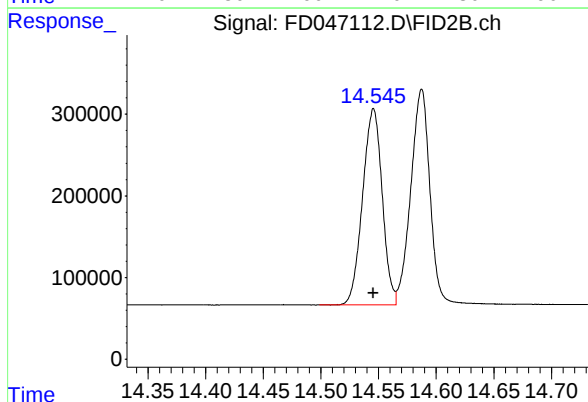
#12 Fluoranthene (C21.85)

R.T.: 12.388 min
Delta R.T.: 0.000 min
Response: 3206875
Conc: 20.00 ug/ml



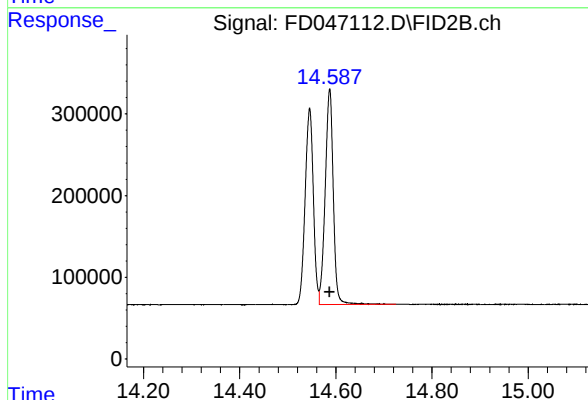
#13 Pyrene (C20.8)

R.T.: 12.682 min
Delta R.T.: 0.000 min
Response: 3124863
Conc: 20.00 ug/ml



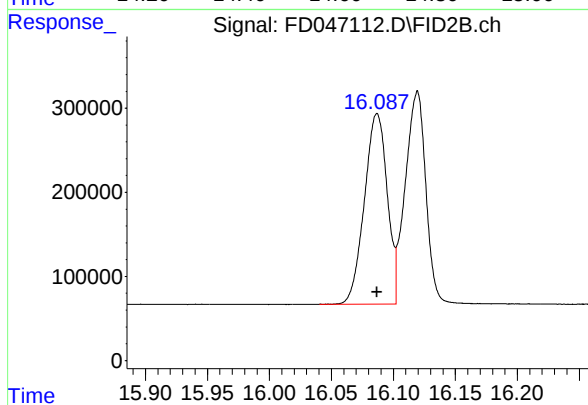
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.545 min
Delta R.T.: 0.000 min
Response: 2846803
Conc: 20.00 ug/ml



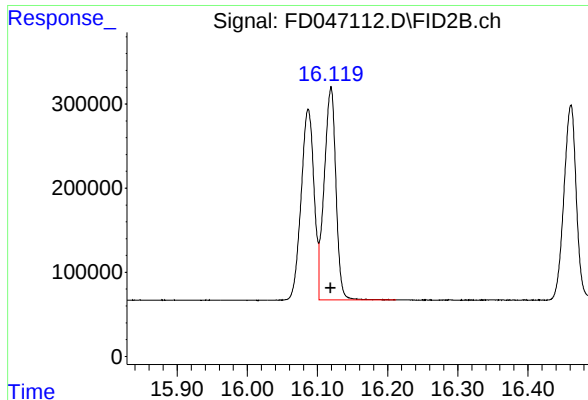
#15 Chrysene (C27.41)

R.T.: 14.587 min
Delta R.T.: 0.000 min
Response: 3090006
Conc: 20.00 ug/ml



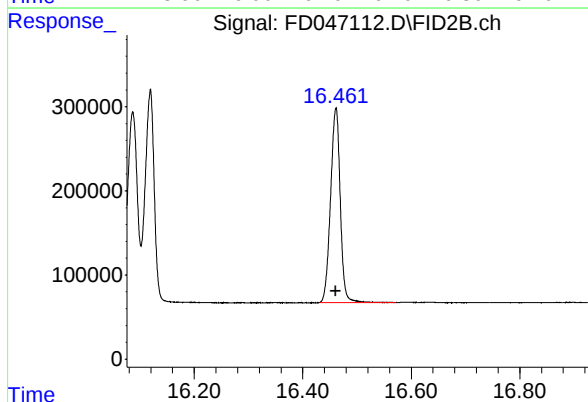
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.087 min
Delta R.T.: 0.000 min
Response: 2907470
Conc: 20.00 ug/ml



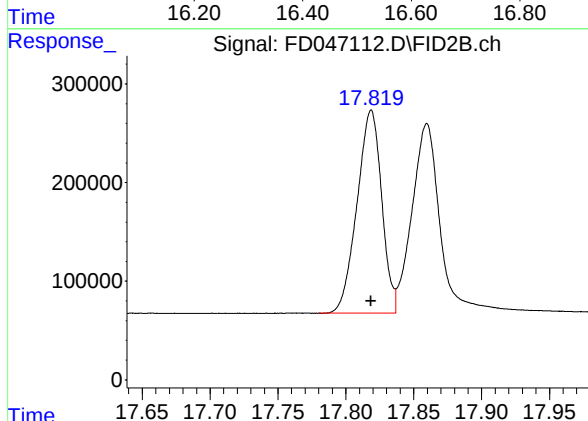
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.119 min
Delta R.T.: 0.000 min
Response: 2939319
Conc: 20.00 ug/ml



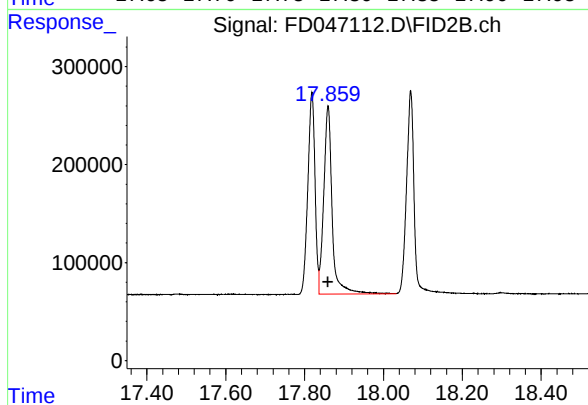
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.461 min
Delta R.T.: 0.000 min
Response: 2865578
Conc: 20.00 ug/ml



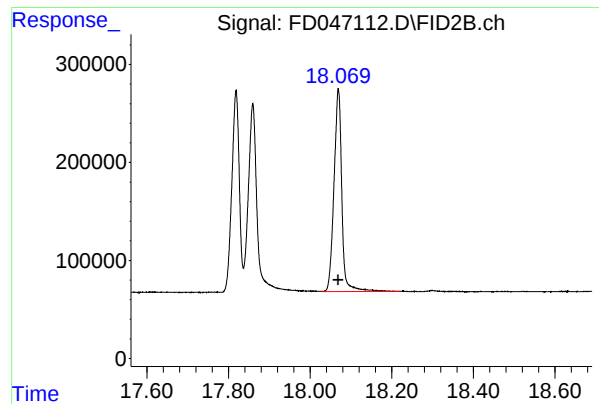
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.819 min
Delta R.T.: 0.000 min
Response: 2600080
Conc: 20.00 ug/ml



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

R.T.: 17.860 min
Delta R.T.: 0.000 min
Response: 2869883
Conc: 20.00 ug/ml



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

R.T.: 18.069 min
Delta R.T.: 0.000 min
Response: 2752788
Conc: 20.00 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010824AR\
Data File : FD047112.D
Signal(s) : FID2B.ch
Acq On : 08 Jan 2024 13:17
Sample : 20 PPM AROMATIC HC STD3
Misc :
ALS Vial : 68 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010824.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	4.285	4.230	4.338	BV	360289	3106290	87.07%	4.885%
2	5.810	5.780	5.967	BV	363394	3338271	93.58%	5.250%
3	6.858	6.828	6.972	VV	348210	3375360	94.62%	5.309%
4	7.469	7.420	7.550	BB	321011	3062814	85.85%	4.817%
5	8.126	8.060	8.162	BV	327694	3099700	86.89%	4.875%
6	8.322	8.260	8.393	BV	204769	2050195	57.47%	3.224%
7	8.420	8.393	8.497	VB	334501	3289883	92.22%	5.174%
8	9.198	9.133	9.307	BB	310059	3243528	90.92%	5.101%
9	10.586	10.520	10.632	BV	307452	3181444	89.18%	5.004%
10	10.660	10.632	10.788	VB	278176	3064496	85.90%	4.820%
11	11.358	11.323	11.412	BB	332180	3567453	100.00%	5.611%
12	12.388	12.350	12.493	PB	293029	3206875	89.89%	5.044%
13	12.682	12.627	12.725	BV	279271	3124863	87.59%	4.915%
14	14.545	14.498	14.565	BV	240937	2846803	79.80%	4.477%
15	14.587	14.565	14.725	VB	264080	3090006	86.62%	4.860%
16	16.087	16.040	16.102	BV	226668	2907470	81.50%	4.573%
17	16.119	16.102	16.212	VB	251543	2939319	82.39%	4.623%
18	16.461	16.430	16.572	BB	232646	2865578	80.33%	4.507%
19	17.819	17.780	17.837	BV	205966	2600080	72.88%	4.089%
20	17.860	17.837	18.032	VV	192859	2869883	80.45%	4.514%
21	18.069	18.032	18.220	VBA	207318	2752788	77.16%	4.329%
Sum of corrected areas:						63583099		

Aromatic EPH 010824.M Tue Jan 09 00:25:05 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010824AR\
 Data File : FD047113.D
 Signal(s) : FID2B.ch
 Acq On : 08 Jan 2024 13:56
 Operator : YP/AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 08 15:14:35 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010824.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 08 15:14:26 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...	7.470	1581910	10.284 ug/ml
Spiked Amount 50.000		Recovery =	20.57%
6) S 2-Fluorobiphenyl (SURR)	8.322	1043311	10.212 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	20.42%
11) S ortho-Terphenyl (SURR)	11.356	1850854	10.388 ug/ml
Spiked Amount 50.000		Recovery =	20.78%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.285	1607056	10.316 ug/ml
2) T Naphthalene (C11.7)	5.810	1739177	10.382 ug/ml
3) T 2-Methylnaphthalene (...)	6.857	1762233	10.395 ug/ml
5) T Acenaphthylene (C15.06)	8.125	1605248	10.355 ug/ml
7) T Acenaphthene (C15.5)	8.419	1709838	10.354 ug/ml
8) T Fluorene (C16.55)	9.197	1657601	10.386 ug/ml
9) T Phenanthrene (C19.36)	10.585	1624485	10.262 ug/ml
10) T Anthracene (C19.43)	10.659	1584709	10.338 ug/ml
12) T Fluoranthene (C21.85)	12.386	1656757	10.385 ug/ml
13) T Pyrene (C20.8)	12.680	1612022	10.429 ug/ml
14) T Benzo[a]anthracene (C...	14.543	1438207	10.245 ug/ml
15) T Chrysene (C27.41)	14.584	1617450	10.443 ug/ml
16) T benzo[b]fluoranthene ...	16.084	1496643	10.318 ug/ml
17) T Bnezo[k]fluoranthene ...	16.115	1546814	10.493 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.459	1475830	10.324 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.816	1270872	9.861 ug/ml
20) T Dibenz[a,h]anthracene...	17.857	1520367	10.724 ug/ml
21) T Benzo[g,h,i]perylene ...	18.065	1423288	10.373 ug/ml

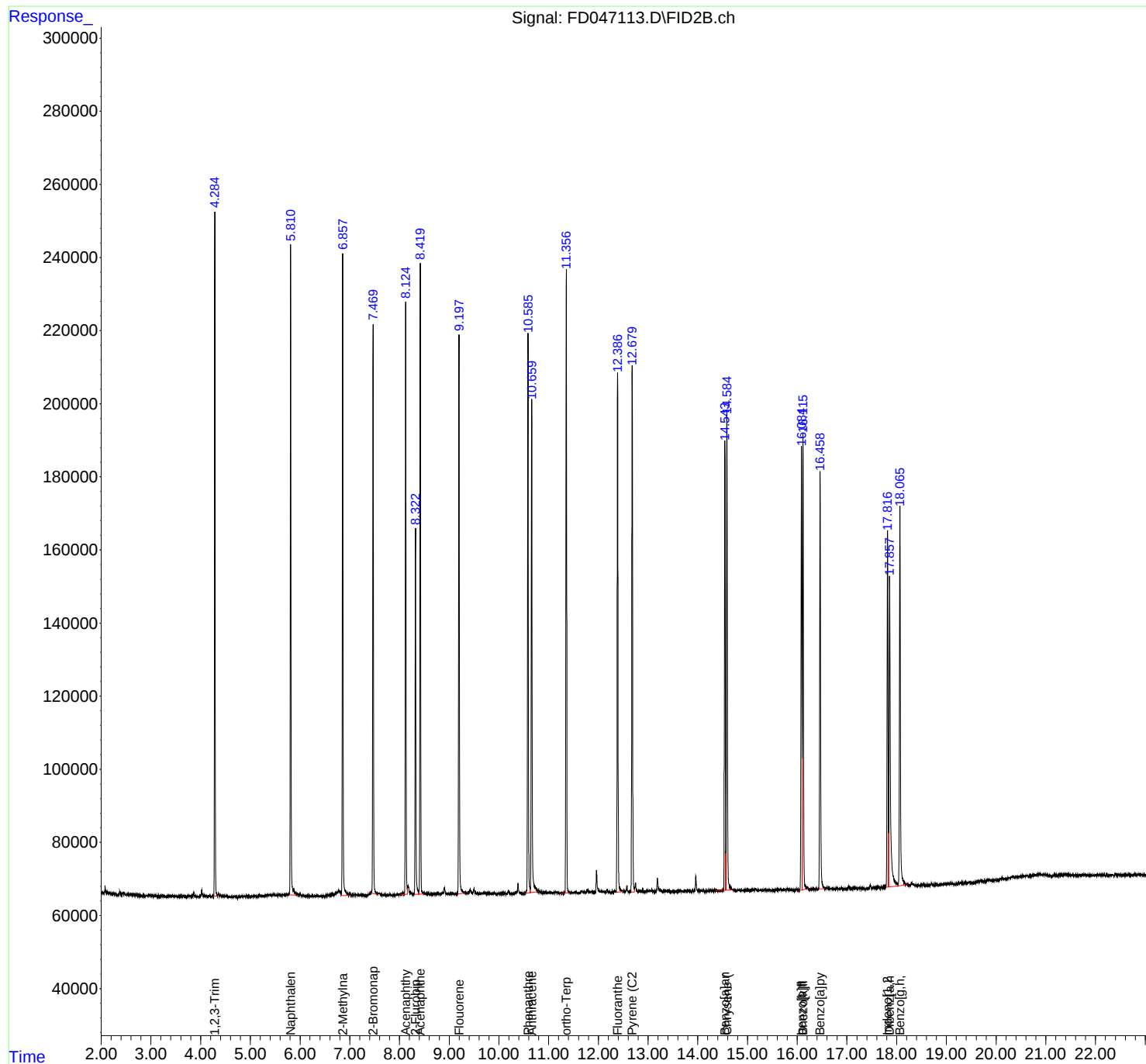
(f)=RT Delta > 1/2 Window

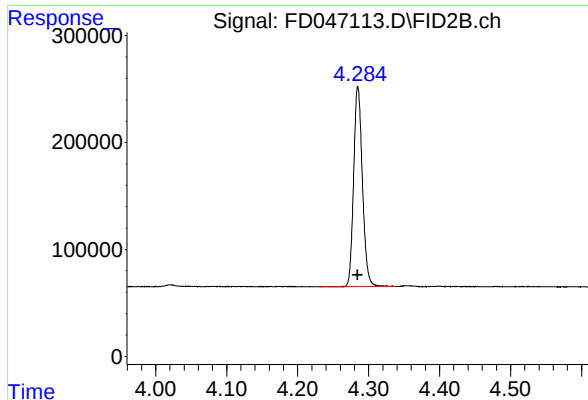
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010824AR\
Data File : FD047113.D
Signal(s) : FID2B.ch
Acq On : 08 Jan 2024 13:56
Operator : YP/AJ
Sample : 10 PPM AROMATIC HC STD4
Misc :
ALS Vial : 69 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Jan 08 15:14:35 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010824.M
Quant Title : GC Extractables
QLast Update : Mon Jan 08 15:14:26 2024
Response via : Initial Calibration
Integrator: ChemStation

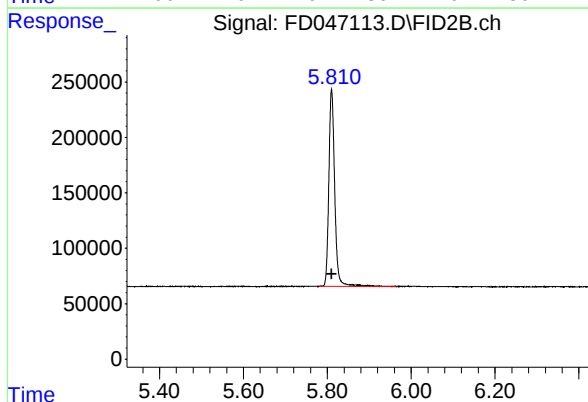
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





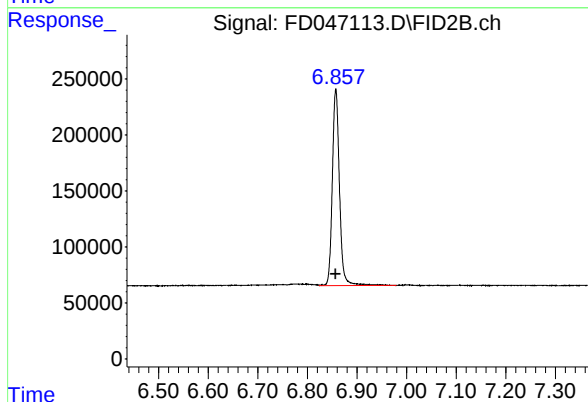
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.285 min
Delta R.T.: 0.000 min
Response: 1607056
Conc: 10.32 ug/ml



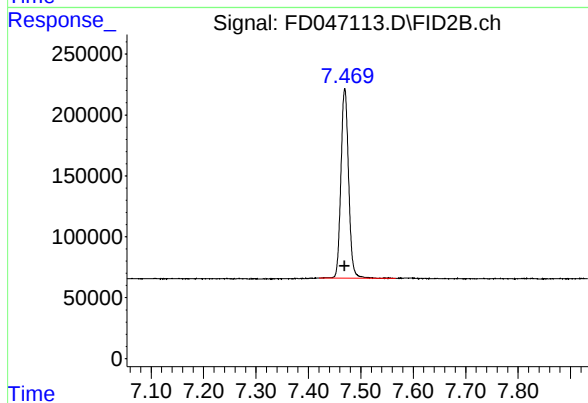
#2 Naphthalene (C11.7)

R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 1739177
Conc: 10.38 ug/ml



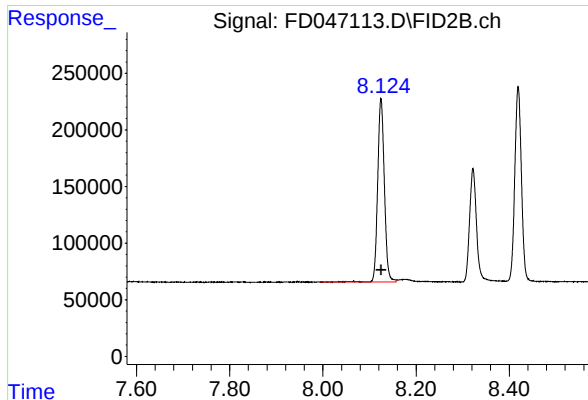
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.857 min
Delta R.T.: 0.000 min
Response: 1762233
Conc: 10.39 ug/ml



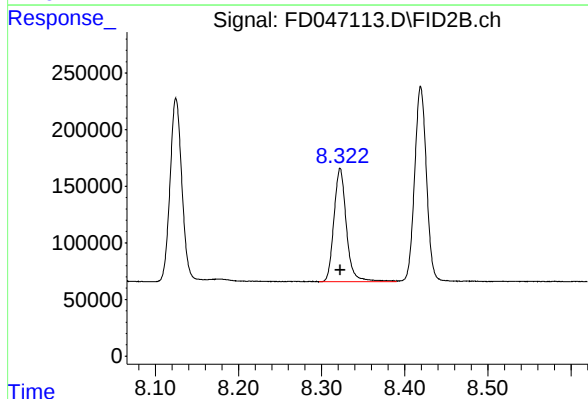
#4 2-Bromonaphthalene (SURR)

R.T.: 7.470 min
Delta R.T.: 0.000 min
Response: 1581910
Conc: 10.28 ug/ml



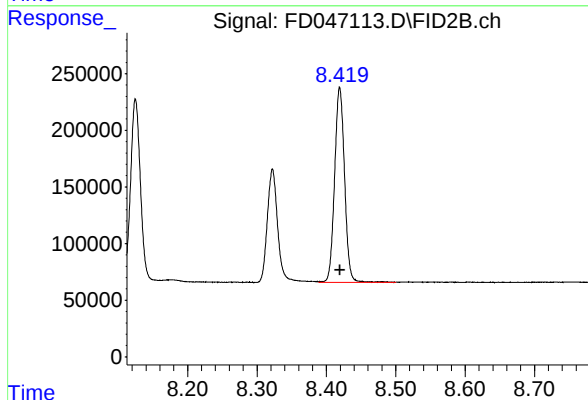
#5 Acenaphthylene (C15.06)

R.T.: 8.125 min
Delta R.T.: 0.000 min
Response: 1605248
Conc: 10.35 ug/ml



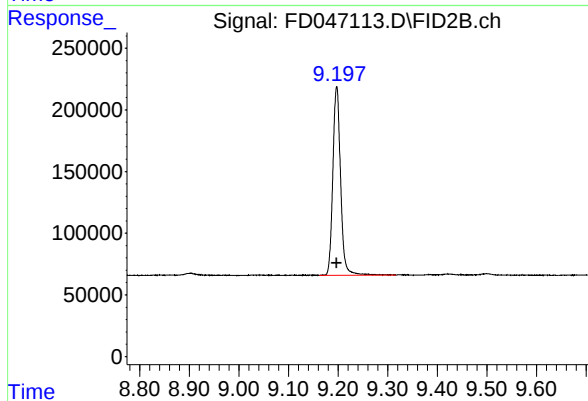
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.322 min
Delta R.T.: 0.000 min
Response: 1043311
Conc: 10.21 ug/ml



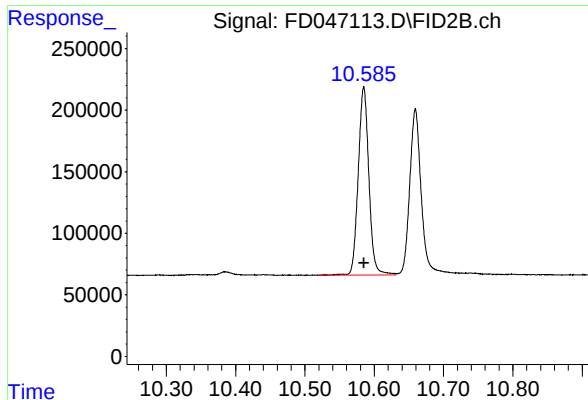
#7 Acenaphthene (C15.5)

R.T.: 8.419 min
Delta R.T.: 0.000 min
Response: 1709838
Conc: 10.35 ug/ml



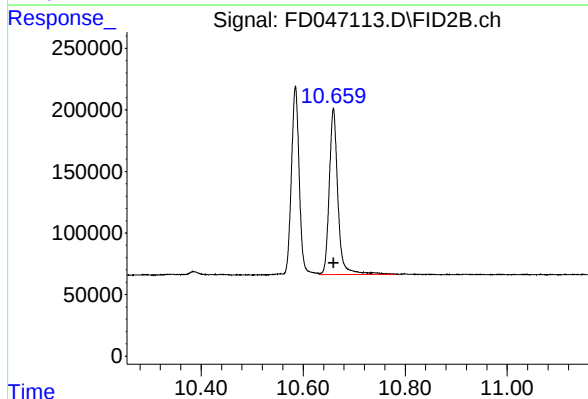
#8 Fluorene (C16.55)

R.T.: 9.197 min
Delta R.T.: 0.000 min
Response: 1657601
Conc: 10.39 ug/ml



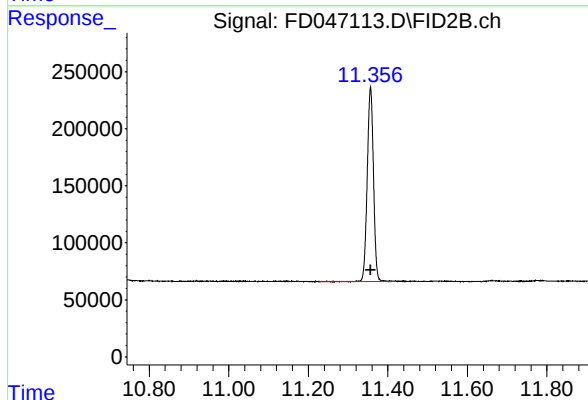
#9 Phenanthrene (C19.36)

R.T.: 10.585 min
Delta R.T.: 0.000 min
Response: 1624485
Conc: 10.26 ug/ml



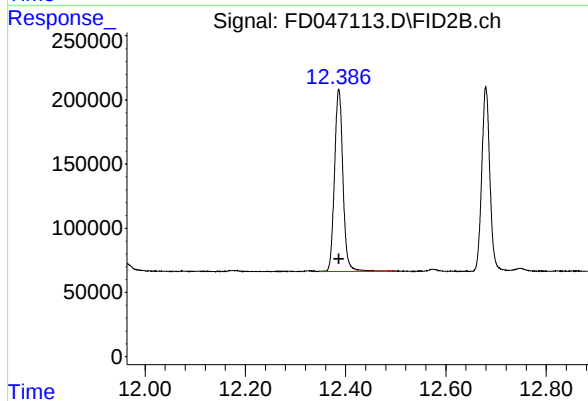
#10 Anthracene (C19.43)

R.T.: 10.659 min
Delta R.T.: 0.000 min
Response: 1584709
Conc: 10.34 ug/ml



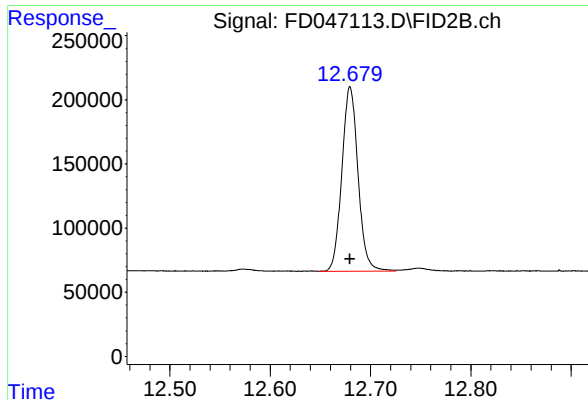
#11 ortho-Terphenyl (SURR)

R.T.: 11.356 min
Delta R.T.: 0.000 min
Response: 1850854
Conc: 10.39 ug/ml



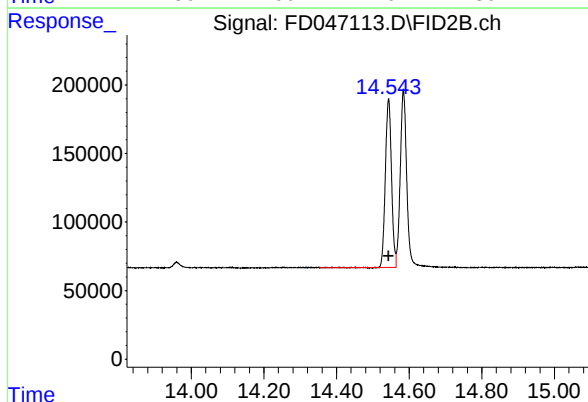
#12 Fluoranthene (C21.85)

R.T.: 12.386 min
Delta R.T.: 0.000 min
Response: 1656757
Conc: 10.38 ug/ml



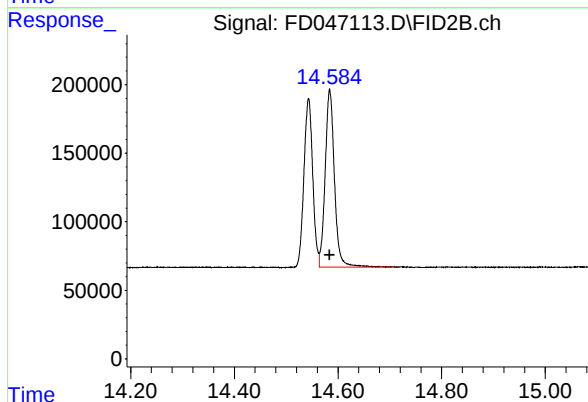
#13 Pyrene (C20.8)

R.T.: 12.680 min
Delta R.T.: 0.000 min
Response: 1612022
Conc: 10.43 ug/ml



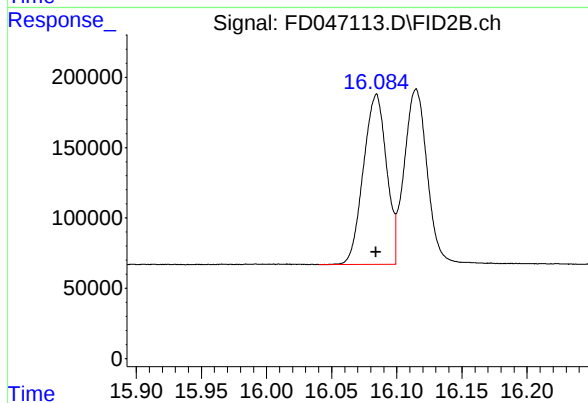
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.543 min
Delta R.T.: 0.000 min
Response: 1438207
Conc: 10.24 ug/ml



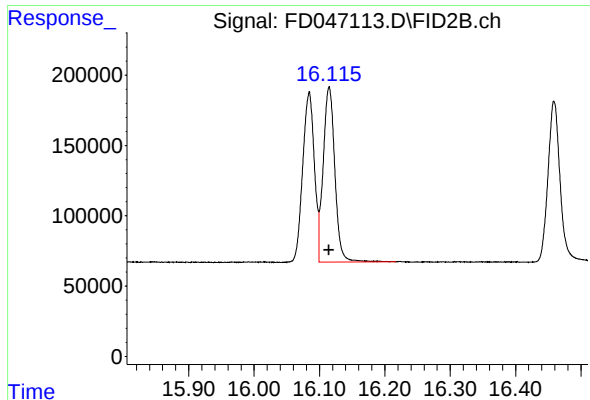
#15 Chrysene (C27.41)

R.T.: 14.584 min
Delta R.T.: 0.000 min
Response: 1617450
Conc: 10.44 ug/ml



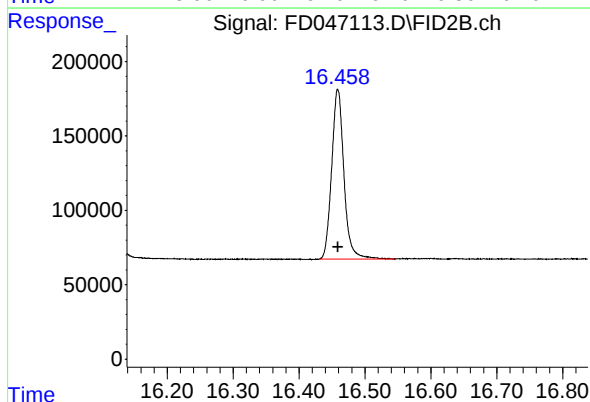
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.084 min
Delta R.T.: 0.000 min
Response: 1496643
Conc: 10.32 ug/ml



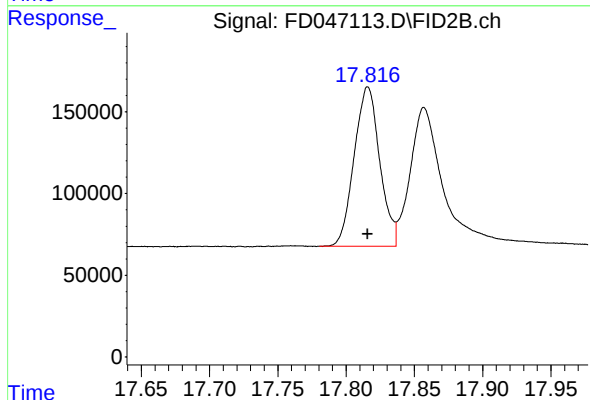
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.115 min
Delta R.T.: 0.000 min
Response: 1546814
Conc: 10.49 ug/ml



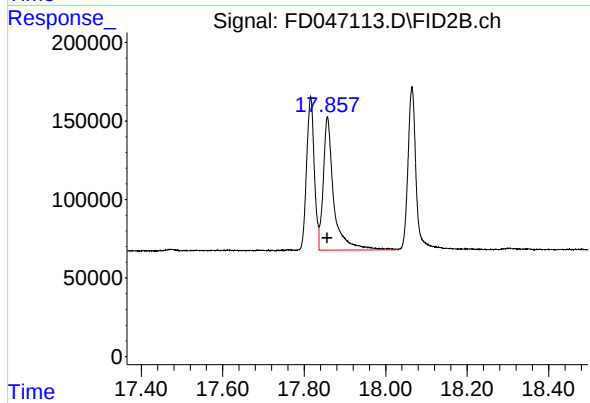
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.459 min
Delta R.T.: 0.000 min
Response: 1475830
Conc: 10.32 ug/ml



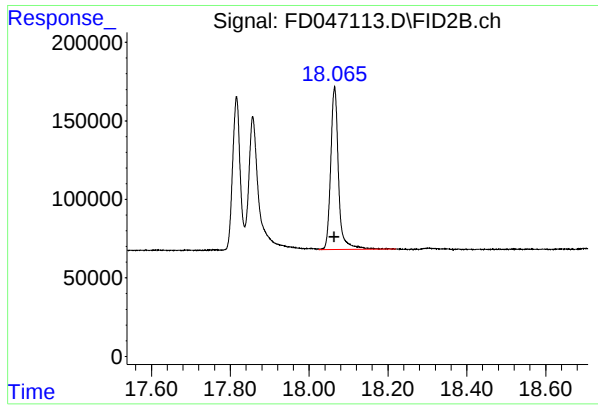
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.816 min
Delta R.T.: 0.000 min
Response: 1270872
Conc: 9.86 ug/ml



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

R.T.: 17.857 min
Delta R.T.: 0.000 min
Response: 1520367
Conc: 10.72 ug/ml



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

R.T.: 18.065 min
Delta R.T.: 0.000 min
Response: 1423288
Conc: 10.37 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010824AR\
Data File : FD047113.D
Signal(s) : FID2B.ch
Acq On : 08 Jan 2024 13:56
Sample : 10 PPM AROMATIC HC STD4
Misc :
ALS Vial : 69 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010824.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	4.285	4.230	4.339	BV	186495	1607056	86.83%	4.896%
2	5.810	5.780	5.964	BB	177447	1739177	93.97%	5.298%
3	6.857	6.824	6.979	VV	175402	1762233	95.21%	5.369%
4	7.470	7.420	7.567	BV	156109	1581910	85.47%	4.819%
5	8.125	7.992	8.157	BV	161580	1605248	86.73%	4.890%
6	8.322	8.297	8.389	BV	100280	1043311	56.37%	3.178%
7	8.419	8.389	8.500	VB	172315	1709838	92.38%	5.209%
8	9.197	9.162	9.317	BB	153066	1657601	89.56%	5.050%
9	10.585	10.520	10.631	BV	153267	1624485	87.77%	4.949%
10	10.659	10.631	10.782	VV	134465	1584709	85.62%	4.828%
11	11.356	11.227	11.420	BB	170668	1850854	100.00%	5.639%
12	12.386	12.347	12.500	VB	142143	1656757	89.51%	5.047%
13	12.680	12.649	12.725	BV	143563	1612022	87.10%	4.911%
14	14.543	14.352	14.564	BV	123123	1438207	77.71%	4.381%
15	14.584	14.564	14.712	VB	129779	1617450	87.39%	4.928%
16	16.084	16.040	16.099	BV	120466	1496643	80.86%	4.560%
17	16.115	16.099	16.217	VB	124960	1546814	83.57%	4.712%
18	16.459	16.430	16.547	BV	114242	1475830	79.74%	4.496%
19	17.816	17.780	17.837	BV	97817	1270872	68.66%	3.872%
20	17.857	17.837	18.025	VV	84916	1520367	82.14%	4.632%
21	18.065	18.025	18.220	VBA	103916	1423288	76.90%	4.336%
Sum of corrected areas:						32824673		

Aromatic EPH 010824.M Tue Jan 09 00:25:32 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010824AR\
 Data File : FD047114.D
 Signal(s) : FID2B.ch
 Acq On : 08 Jan 2024 14:34
 Operator : YP/AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 08 15:10:43 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010824.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 08 15:10:31 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...	7.471	822003	5.382 ug/ml
Spiked Amount 50.000		Recovery =	10.76%
6) S 2-Fluorobiphenyl (SURR)	8.324	527458	5.191 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	10.38%
11) S ortho-Terphenyl (SURR)	11.356	950800	5.389 ug/ml
Spiked Amount 50.000		Recovery =	10.78%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.287	809508	5.238 ug/ml
2) T Naphthalene (C11.7)	5.812	886199	5.341 ug/ml
3) T 2-Methylnaphthalene (...)	6.859	892920	5.320 ug/ml
5) T Acenaphthylene (C15.06)	8.126	815769	5.309 ug/ml
7) T Acenaphthene (C15.5)	8.420	880067	5.377 ug/ml
8) T Fluorene (C16.55)	9.199	801047	5.068 ug/ml
9) T Phenanthrene (C19.36)	10.586	828660	5.269 ug/ml
10) T Anthracene (C19.43)	10.661	826501	5.437 ug/ml
12) T Fluoranthene (C21.85)	12.387	836569	5.295 ug/ml
13) T Pyrene (C20.8)	12.681	797179	5.213 ug/ml
14) T Benzo[a]anthracene (C...	14.544	704292	5.048 ug/ml
15) T Chrysene (C27.41)	14.583	840709	5.489 ug/ml
16) T benzo[b]fluoranthene ...	16.083	735851	5.113 ug/ml
17) T Bnezo[k]fluoranthene ...	16.114	784566	5.389 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.461	738830	5.211 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.819	589979	4.562 ug/ml
20) T Dibenz[a,h]anthracene...	17.864	746138	5.360 ug/ml
21) T Benzo[g,h,i]perylene ...	18.065	698876	5.141 ug/ml

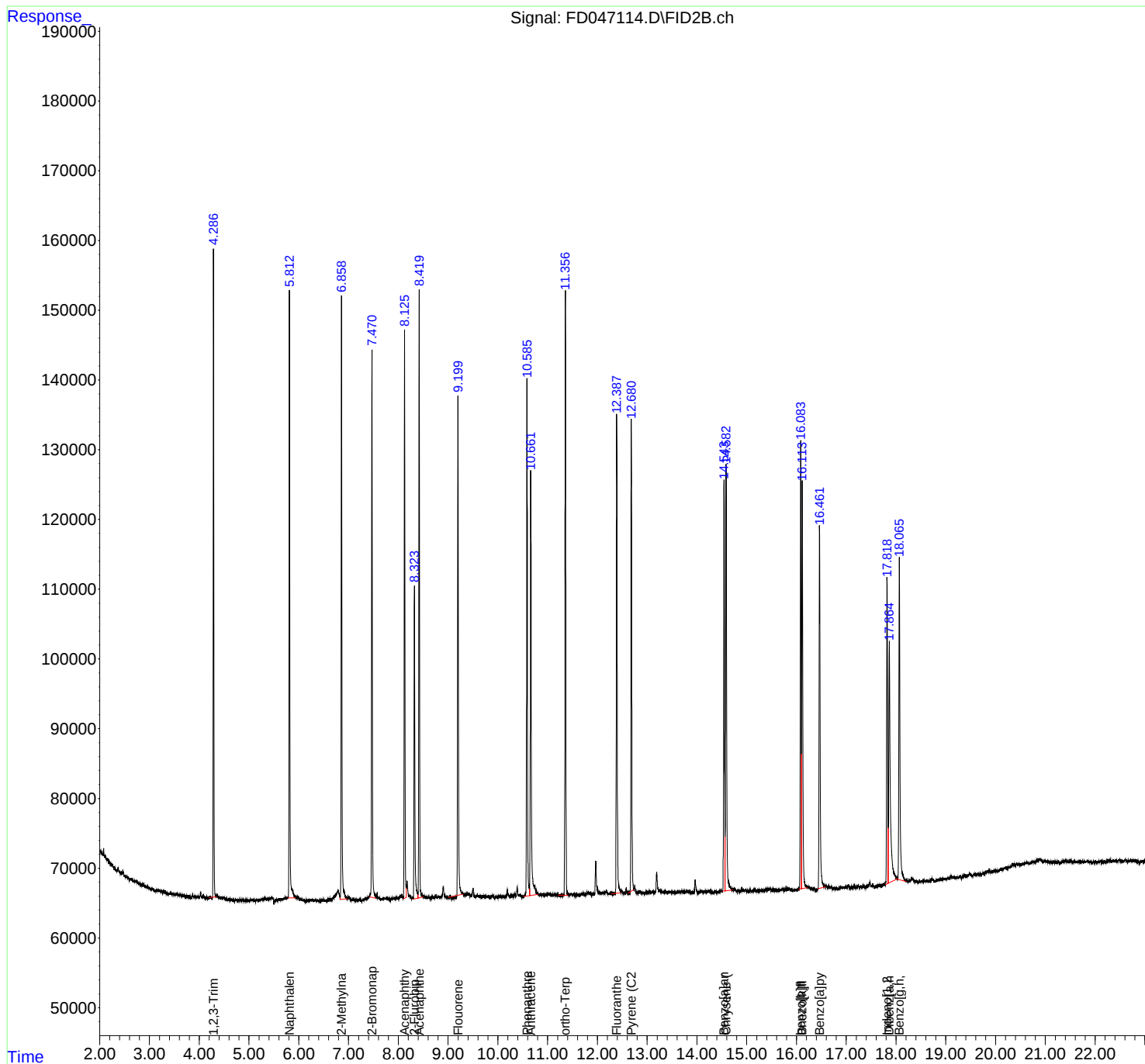
(f)=RT Delta > 1/2 Window

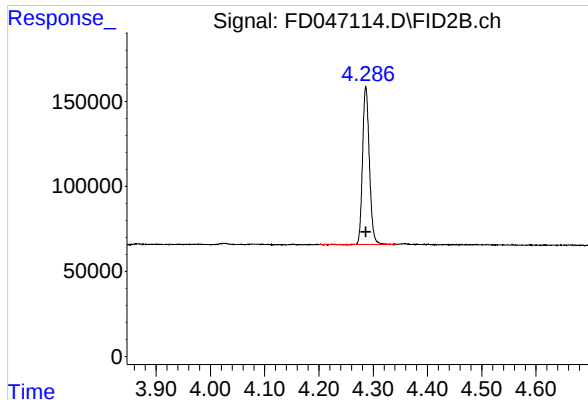
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010824AR\
Data File : FD047114.D
Signal(s) : FID2B.ch
Acq On : 08 Jan 2024 14:34
Operator : YP/AJ
Sample : 5 PPM AROMATIC HC STD5
Misc :
ALS Vial : 70 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Jan 08 15:10:43 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010824.M
Quant Title : GC Extractables
QLast Update : Mon Jan 08 15:10:31 2024
Response via : Initial Calibration
Integrator: ChemStation

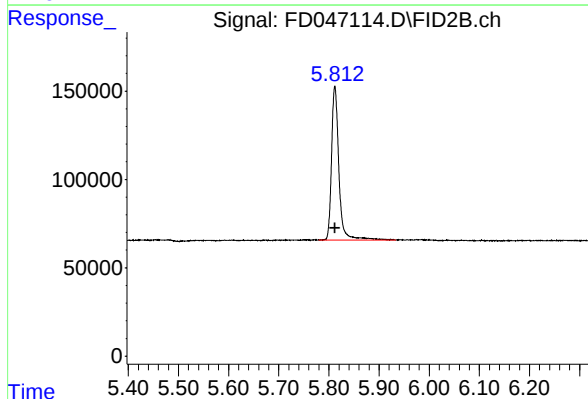
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





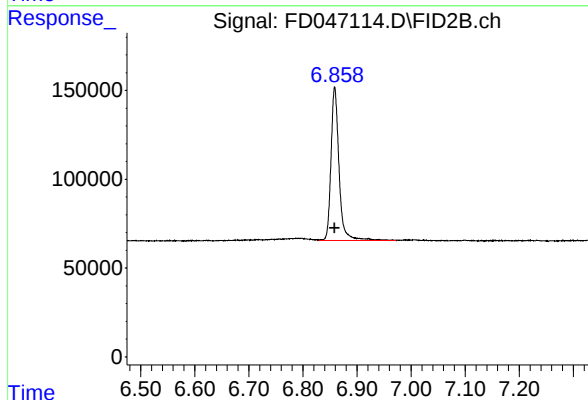
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.287 min
Delta R.T.: 0.000 min
Response: 809508
Conc: 5.24 ug/ml



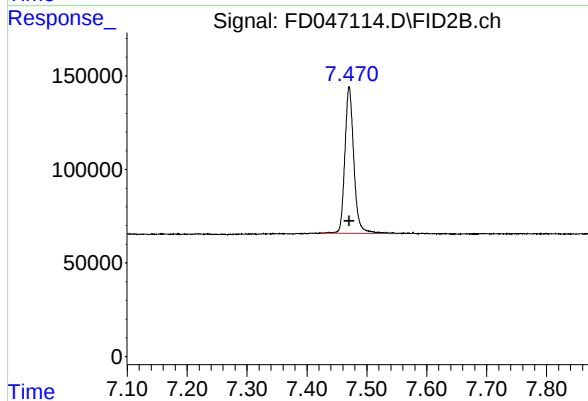
#2 Naphthalene (C11.7)

R.T.: 5.812 min
Delta R.T.: 0.000 min
Response: 886199
Conc: 5.34 ug/ml



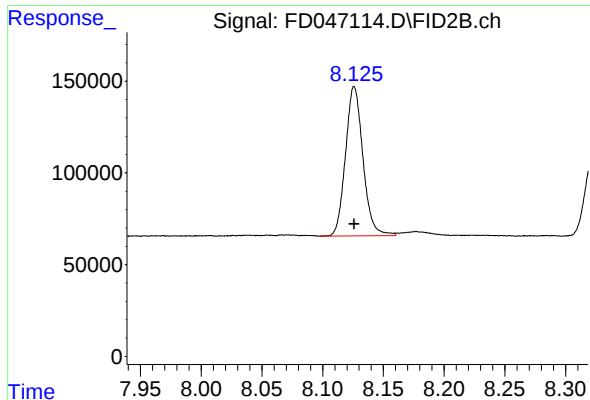
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.859 min
Delta R.T.: 0.000 min
Response: 892920
Conc: 5.32 ug/ml



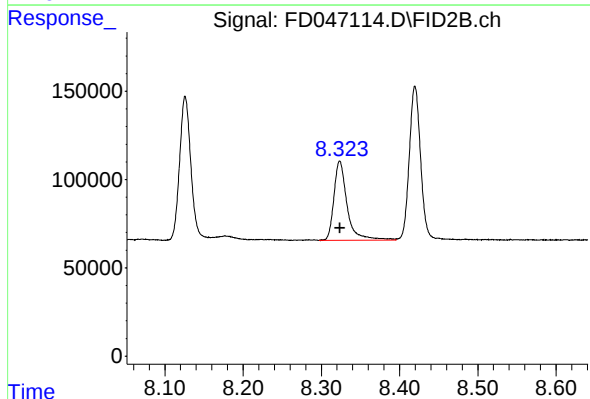
#4 2-Bromonaphthalene (SURR)

R.T.: 7.471 min
Delta R.T.: 0.000 min
Response: 822003
Conc: 5.38 ug/ml



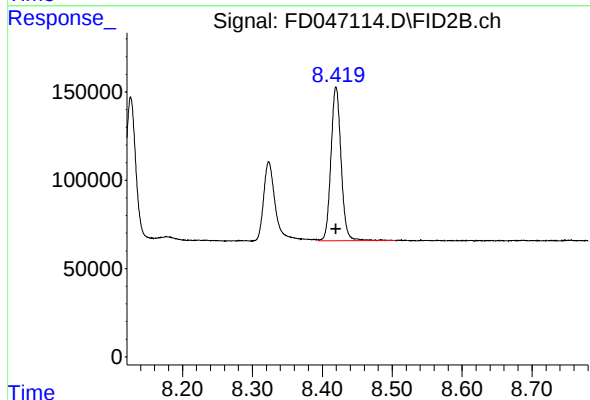
#5 Acenaphthylene (C15.06)

R.T.: 8.126 min
Delta R.T.: 0.000 min
Response: 815769
Conc: 5.31 ug/ml



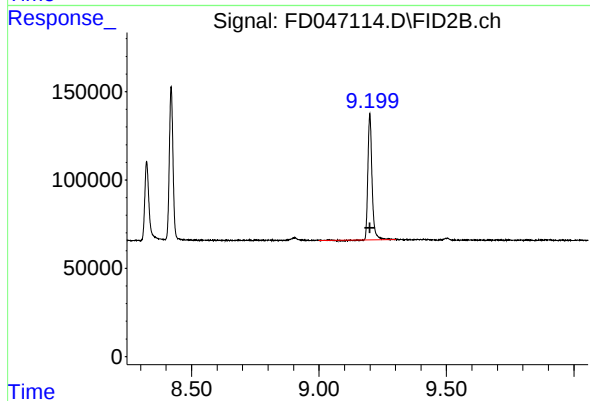
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.324 min
Delta R.T.: 0.000 min
Response: 527458
Conc: 5.19 ug/ml



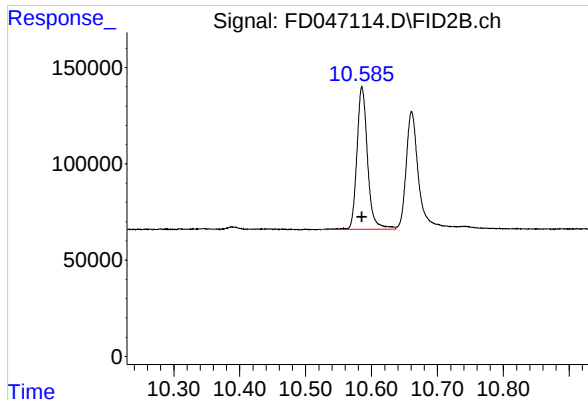
#7 Acenaphthene (C15.5)

R.T.: 8.420 min
Delta R.T.: 0.000 min
Response: 880067
Conc: 5.38 ug/ml



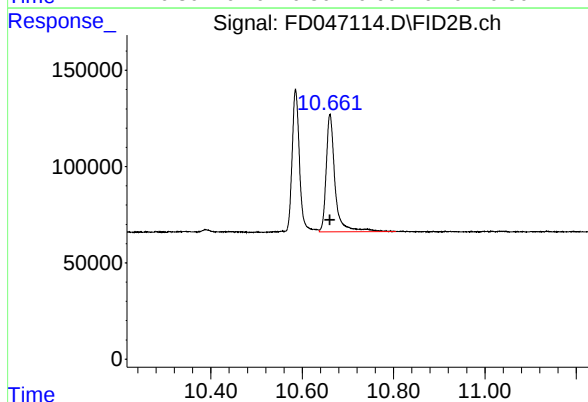
#8 Flouorene (C16.55)

R.T.: 9.199 min
Delta R.T.: 0.000 min
Response: 801047
Conc: 5.07 ug/ml



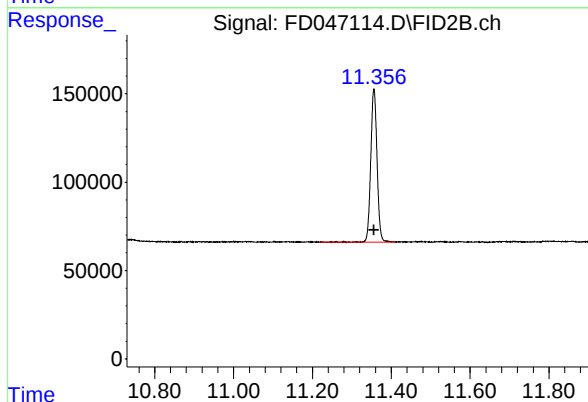
#9 Phenanthrene (C19.36)

R.T.: 10.586 min
Delta R.T.: 0.000 min
Response: 828660
Conc: 5.27 ug/ml



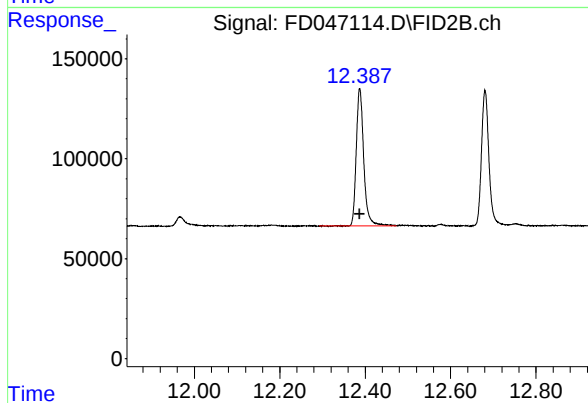
#10 Anthracene (C19.43)

R.T.: 10.661 min
Delta R.T.: 0.000 min
Response: 826501
Conc: 5.44 ug/ml



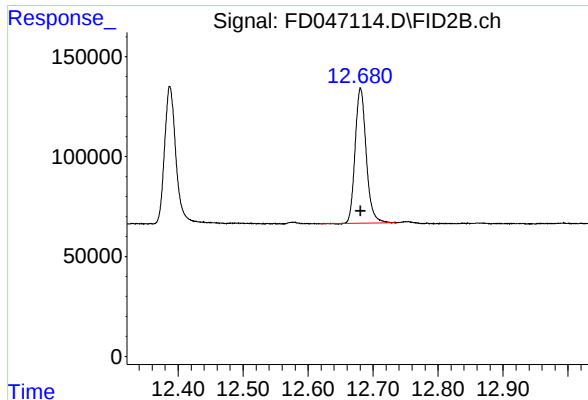
#11 ortho-Terphenyl (SURR)

R.T.: 11.356 min
Delta R.T.: 0.000 min
Response: 950800
Conc: 5.39 ug/ml



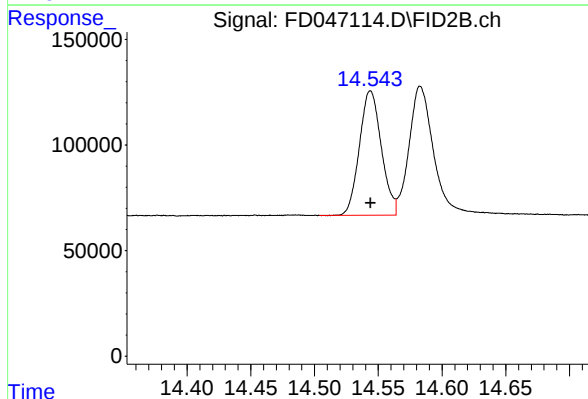
#12 Fluoranthene (C21.85)

R.T.: 12.387 min
Delta R.T.: 0.000 min
Response: 836569
Conc: 5.29 ug/ml



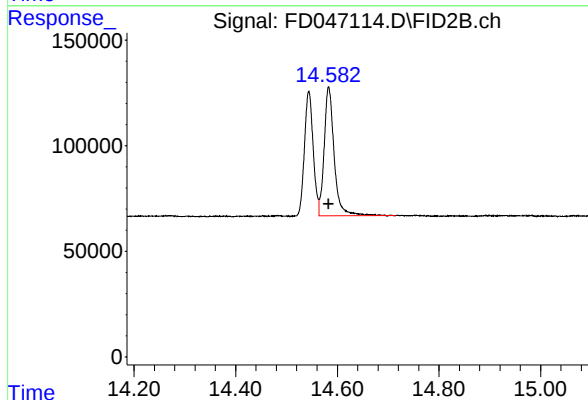
#13 Pyrene (C20.8)

R.T.: 12.681 min
Delta R.T.: 0.000 min
Response: 797179
Conc: 5.21 ug/ml



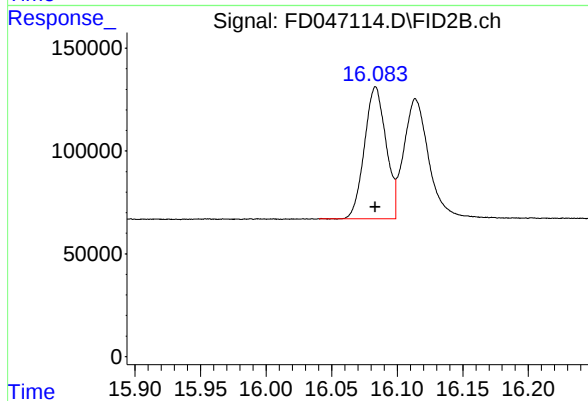
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.544 min
Delta R.T.: 0.000 min
Response: 704292
Conc: 5.05 ug/ml



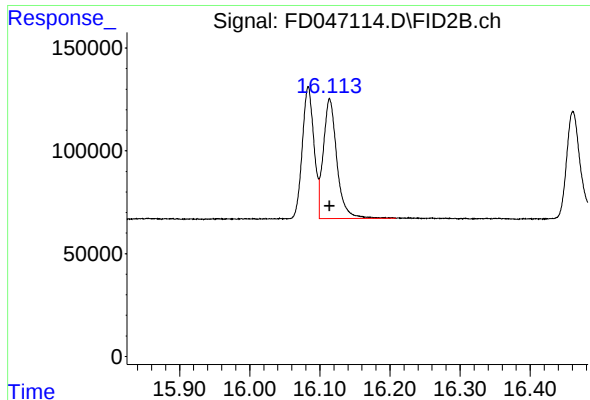
#15 Chrysene (C27.41)

R.T.: 14.583 min
Delta R.T.: 0.000 min
Response: 840709
Conc: 5.49 ug/ml



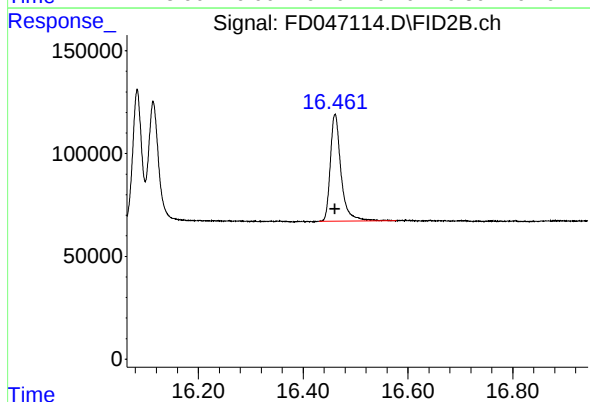
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.083 min
Delta R.T.: 0.000 min
Response: 735851
Conc: 5.11 ug/ml



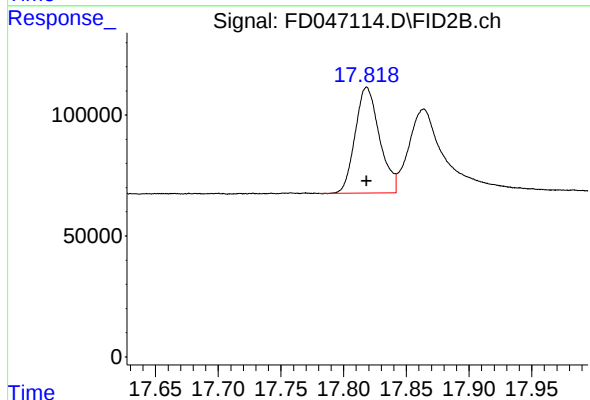
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.114 min
Delta R.T.: 0.000 min
Response: 784566
Conc: 5.39 ug/ml



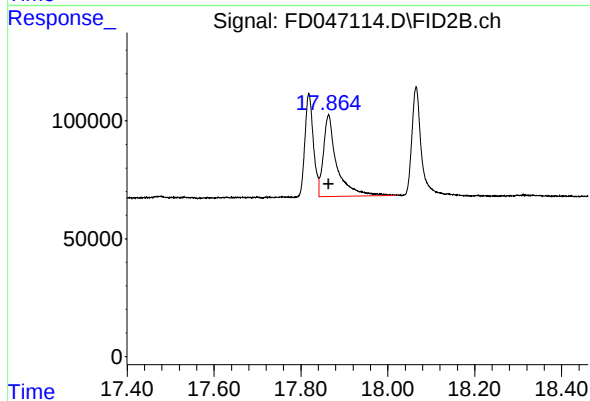
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.461 min
Delta R.T.: 0.000 min
Response: 738830
Conc: 5.21 ug/ml



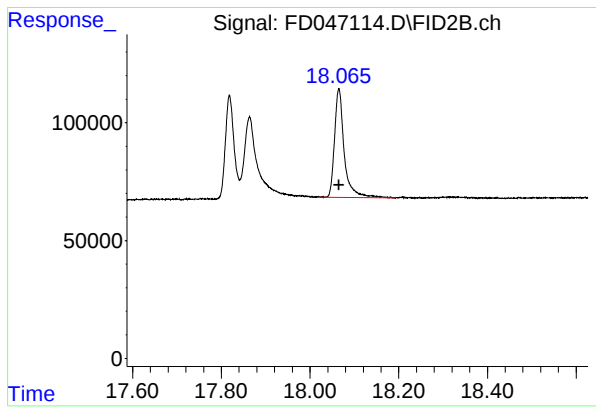
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.819 min
Delta R.T.: 0.000 min
Response: 589979
Conc: 4.56 ug/ml



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

R.T.: 17.864 min
Delta R.T.: 0.000 min
Response: 746138
Conc: 5.36 ug/ml



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

R.T.: 18.065 min
Delta R.T.: 0.000 min
Response: 698876
Conc: 5.14 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010824AR\
Data File : FD047114.D
Signal(s) : FID2B.ch
Acq On : 08 Jan 2024 14:34
Sample : 5 PPM AROMATIC HC STD5
Misc :
ALS Vial : 70 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010824.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	4.287	4.200	4.342	BV	92762	809508	85.14%	4.902%
2	5.812	5.780	5.934	BB	86953	886199	93.21%	5.366%
3	6.859	6.830	6.972	VB	86360	892920	93.91%	5.407%
4	7.471	7.420	7.549	BB	78428	822003	86.45%	4.978%
5	8.126	8.097	8.160	PV	81117	815769	85.80%	4.940%
6	8.324	8.297	8.395	PV	44862	527458	55.48%	3.194%
7	8.420	8.395	8.505	VB	87050	880067	92.56%	5.329%
8	9.199	9.000	9.302	BB	71588	801047	84.25%	4.851%
9	10.586	10.520	10.637	BV	73864	828660	87.15%	5.018%
10	10.661	10.637	10.805	VB	60899	826501	86.93%	5.005%
11	11.356	11.217	11.412	BB	86567	950800	100.00%	5.758%
12	12.388	12.292	12.472	BB	68793	836569	87.99%	5.066%
13	12.681	12.617	12.735	BV	67583	797179	83.84%	4.827%
14	14.544	14.504	14.564	BV	58912	704292	74.07%	4.265%
15	14.583	14.564	14.715	VB	60933	840709	88.42%	5.091%
16	16.083	16.040	16.099	BV	64314	735851	77.39%	4.456%
17	16.114	16.099	16.209	VB	58305	784566	82.52%	4.751%
18	16.461	16.430	16.577	BB	51938	738830	77.71%	4.474%
19	17.819	17.780	17.842	BV	43828	589979	62.05%	3.573%
20	17.864	17.842	18.019	VB	34548	746138	78.47%	4.518%
21	18.065	18.020	18.194	BV	46245	698876	73.50%	4.232%
Sum of corrected areas:						16513922		

Aromatic EPH 010824.M Tue Jan 09 00:25:54 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010824AR\
 Data File : FD047115.D
 Signal(s) : FID2B.ch
 Acq On : 08 Jan 2024 15:12
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 08 17:09:54 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010824.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 08 15:15:30 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...	7.469	3001484	19.513 ug/ml
Spiked Amount 50.000		Recovery =	39.03%
6) S 2-Fluorobiphenyl (SURR)	8.322	2006808	19.643 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.29%
11) S ortho-Terphenyl (SURR)	11.358	3494951	19.616 ug/ml
Spiked Amount 50.000		Recovery =	39.23%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.284	3037998	19.501 ug/ml
2) T Naphthalene (C11.7)	5.810	3259798	19.459 ug/ml
3) T 2-Methylnaphthalene (...)	6.858	3310669	19.529 ug/ml
5) T Acenaphthylene (C15.06)	8.125	3032079	19.559 ug/ml
7) T Acenaphthene (C15.5)	8.420	3239284	19.616 ug/ml
8) T Fluorene (C16.55)	9.198	3156612	19.779 ug/ml
9) T Phenanthrene (C19.36)	10.586	3107603	19.632 ug/ml
10) T Anthracene (C19.43)	10.661	2940942	19.185 ug/ml
12) T Fluoranthene (C21.85)	12.388	3131492	19.628 ug/ml
13) T Pyrene (C20.8)	12.681	3055423	19.767 ug/ml
14) T Benzo[a]anthracene (C...	14.545	2779567	19.799 ug/ml
15) T Chrysene (C27.41)	14.587	3019283	19.494 ug/ml
16) T benzo[b]fluoranthene ...	16.087	2843987	19.606 ug/ml
17) T Bnezo[k]fluoranthene ...	16.118	2868457	19.458 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.461	2801862	19.600 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.817	2550009	19.786 ug/ml
20) T Dibenz[a,h]anthracene...	17.859	2811828	19.834 ug/ml
21) T Benzo[g,h,i]perylene ...	18.068	2700244	19.679 ug/ml

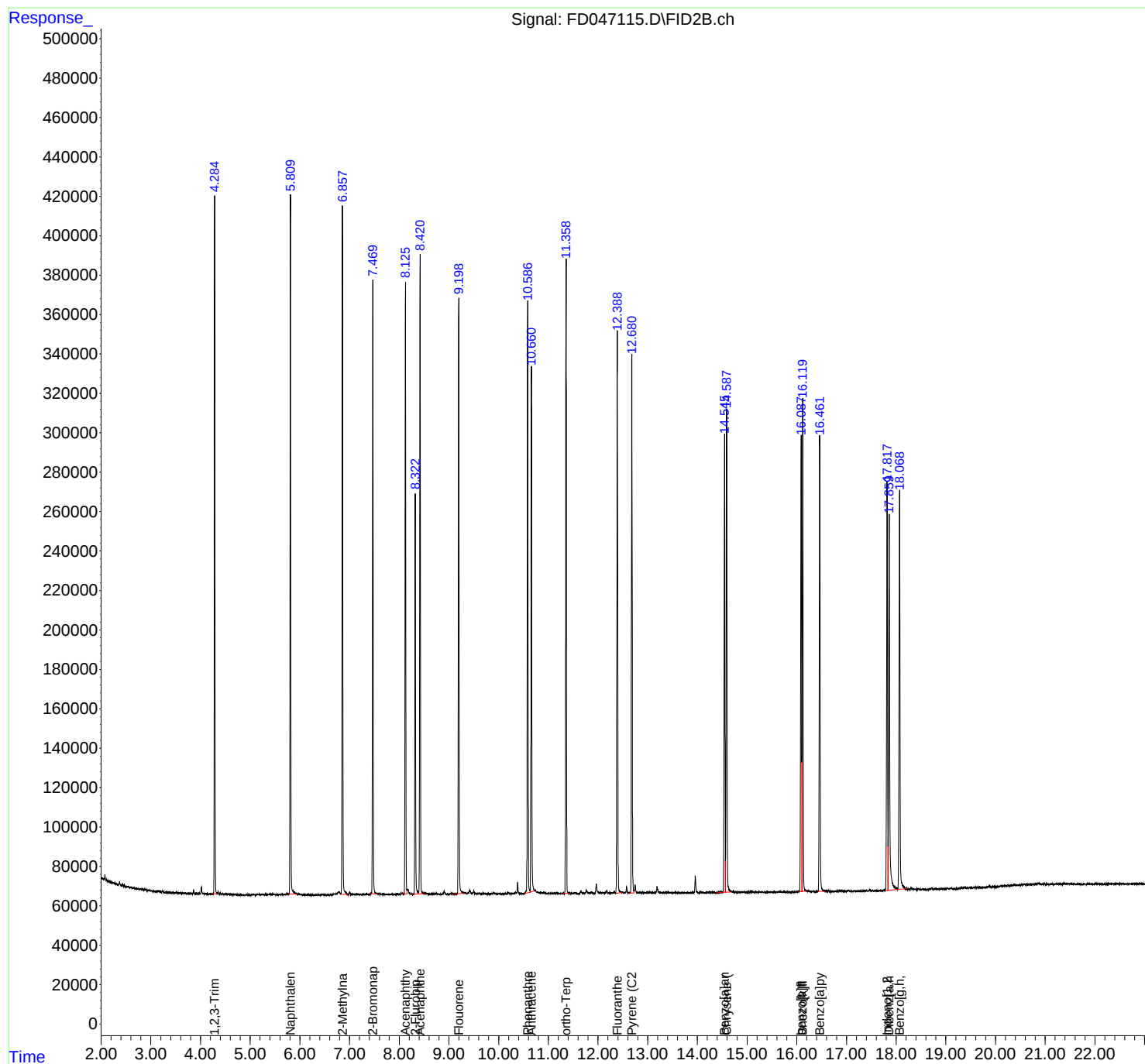
(f)=RT Delta > 1/2 Window

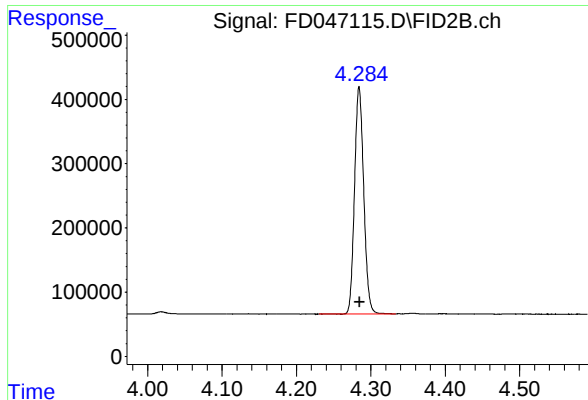
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010824AR\
Data File : FD047115.D
Signal(s) : FID2B.ch
Acq On : 08 Jan 2024 15:12
Operator : YP/AJ
Sample : 20 PPM AROMATIC HC STD ICV
Misc :
ALS Vial : 71 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Jan 08 17:09:54 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010824.M
Quant Title : GC Extractables
QLast Update : Mon Jan 08 15:15:30 2024
Response via : Initial Calibration
Integrator: ChemStation

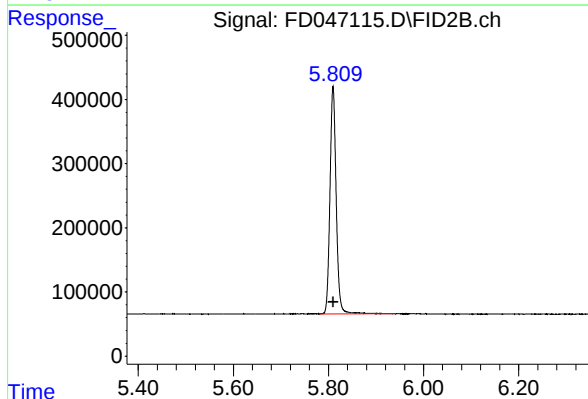
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





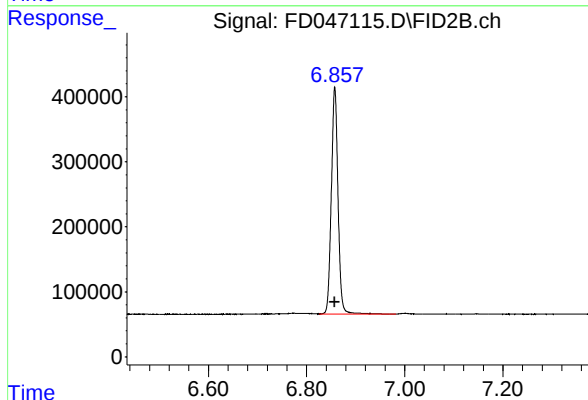
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.284 min
Delta R.T.: 0.000 min
Response: 3037998
Conc: 19.50 ug/ml



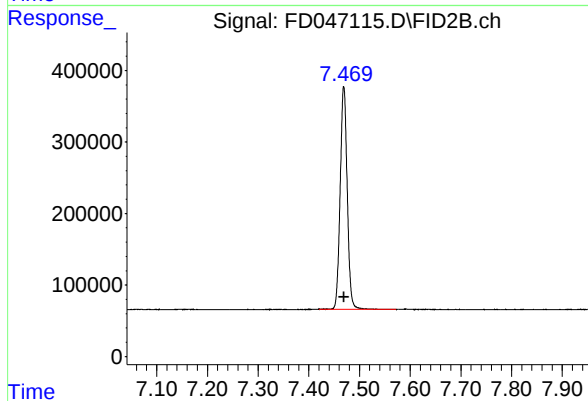
#2 Naphthalene (C11.7)

R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 3259798
Conc: 19.46 ug/ml



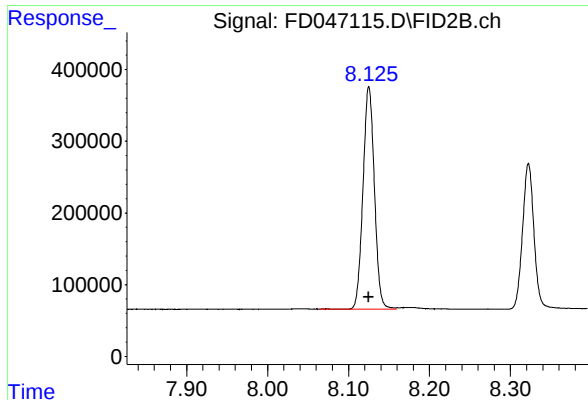
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.858 min
Delta R.T.: 0.000 min
Response: 3310669
Conc: 19.53 ug/ml



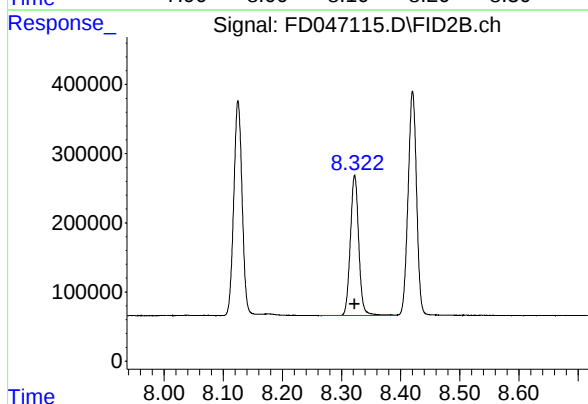
#4 2-Bromonaphthalene (SURR)

R.T.: 7.469 min
Delta R.T.: 0.000 min
Response: 3001484
Conc: 19.51 ug/ml



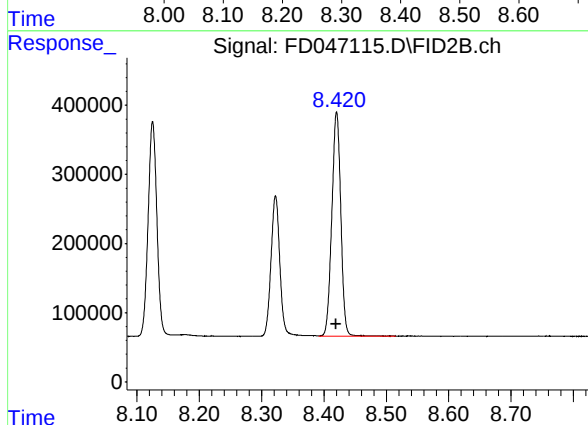
#5 Acenaphthylene (C15.06)

R.T.: 8.125 min
Delta R.T.: 0.000 min
Response: 3032079
Conc: 19.56 ug/ml



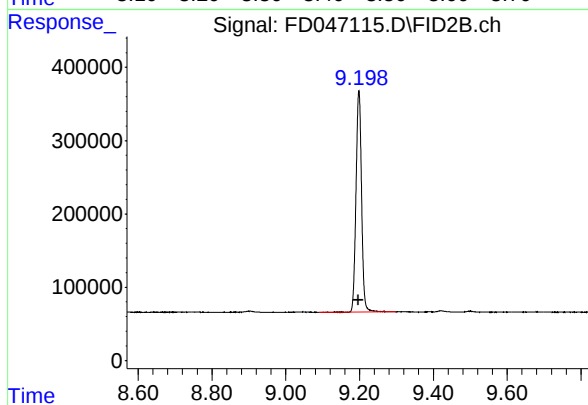
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.322 min
Delta R.T.: 0.000 min
Response: 2006808
Conc: 19.64 ug/ml



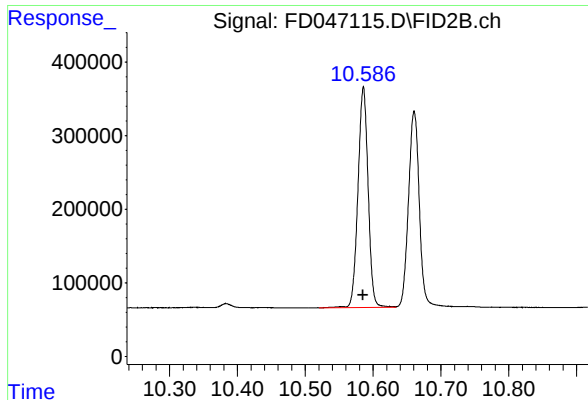
#7 Acenaphthene (C15.5)

R.T.: 8.420 min
Delta R.T.: 0.000 min
Response: 3239284
Conc: 19.62 ug/ml



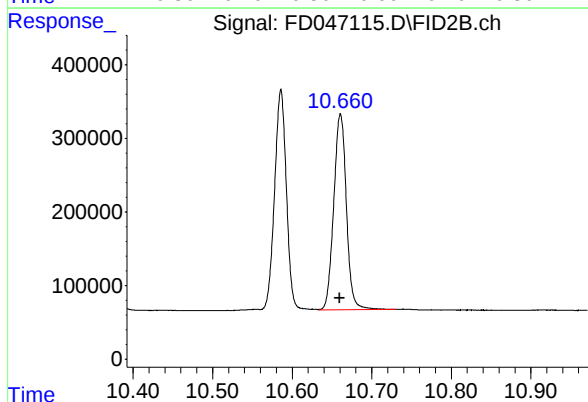
#8 Flouorene (C16.55)

R.T.: 9.198 min
Delta R.T.: 0.000 min
Response: 3156612
Conc: 19.78 ug/ml



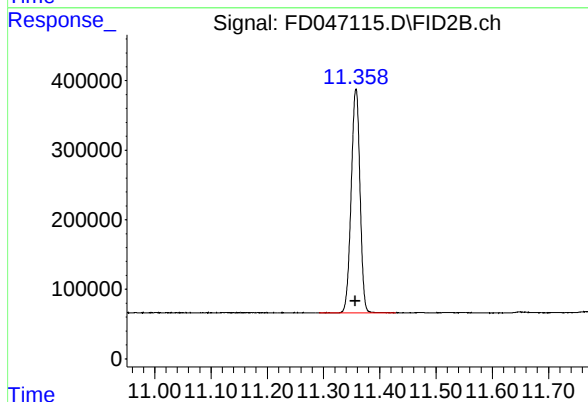
#9 Phenanthrene (C19.36)

R.T.: 10.586 min
Delta R.T.: 0.000 min
Response: 3107603
Conc: 19.63 ug/ml



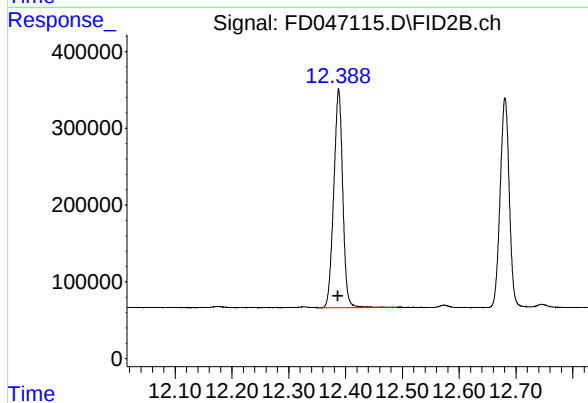
#10 Anthracene (C19.43)

R.T.: 10.661 min
Delta R.T.: 0.001 min
Response: 2940942
Conc: 19.18 ug/ml



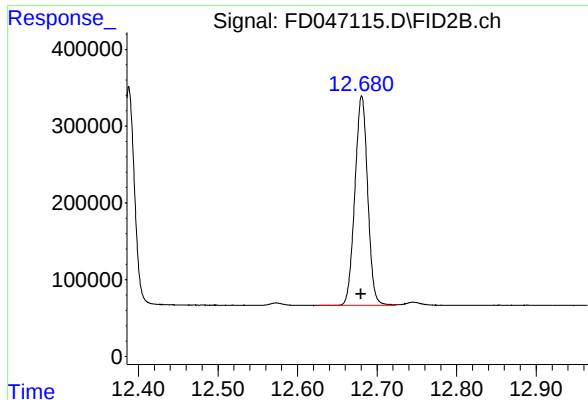
#11 ortho-Terphenyl (SURR)

R.T.: 11.358 min
Delta R.T.: 0.001 min
Response: 3494951
Conc: 19.62 ug/ml



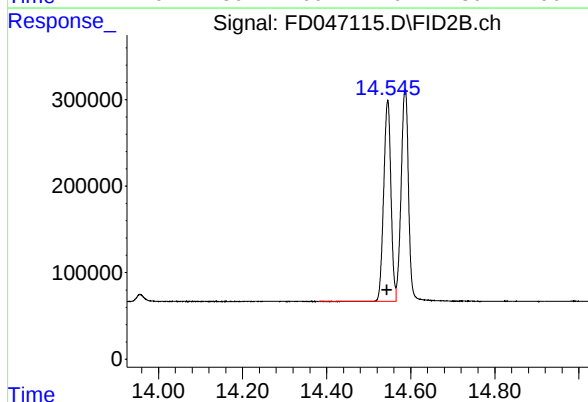
#12 Fluoranthene (C21.85)

R.T.: 12.388 min
Delta R.T.: 0.001 min
Response: 3131492
Conc: 19.63 ug/ml



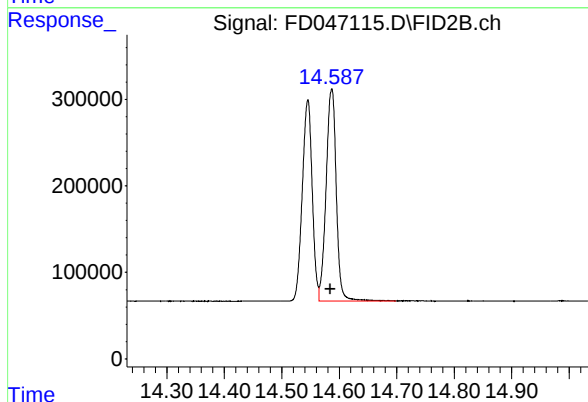
#13 Pyrene (C20.8)

R.T.: 12.681 min
Delta R.T.: 0.000 min
Response: 3055423
Conc: 19.77 ug/ml



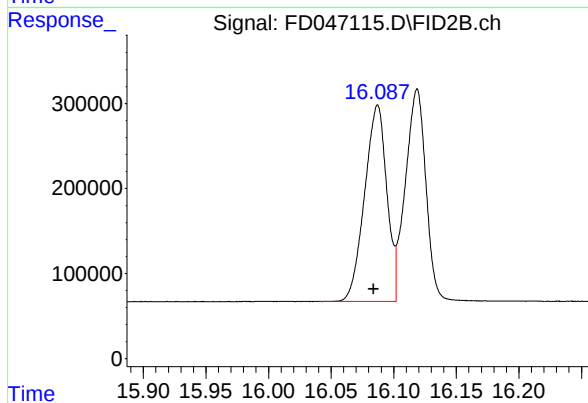
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.545 min
Delta R.T.: 0.002 min
Response: 2779567
Conc: 19.80 ug/ml



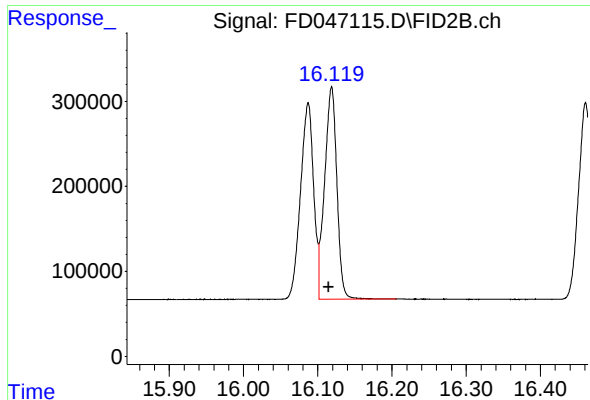
#15 Chrysene (C27.41)

R.T.: 14.587 min
Delta R.T.: 0.002 min
Response: 3019283
Conc: 19.49 ug/ml



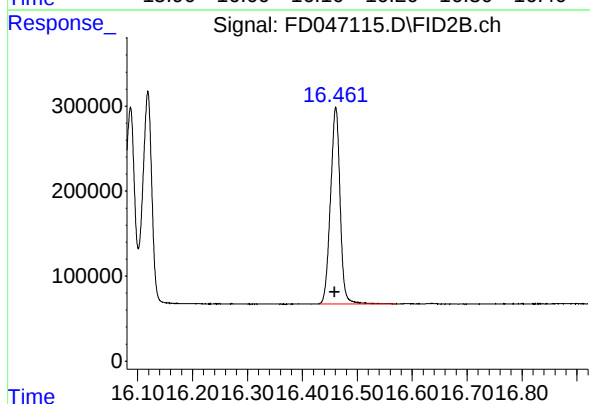
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.087 min
Delta R.T.: 0.003 min
Response: 2843987
Conc: 19.61 ug/ml



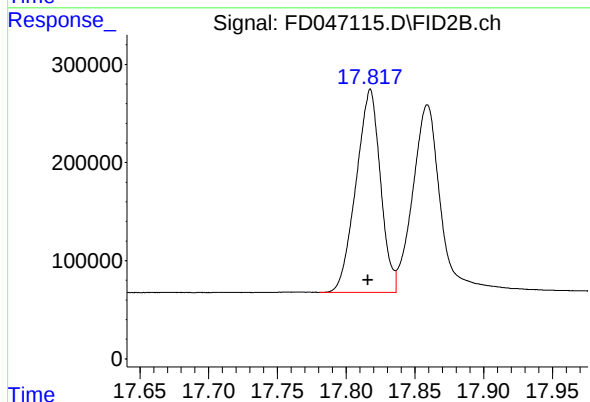
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.118 min
Delta R.T.: 0.004 min
Response: 2868457
Conc: 19.46 ug/ml



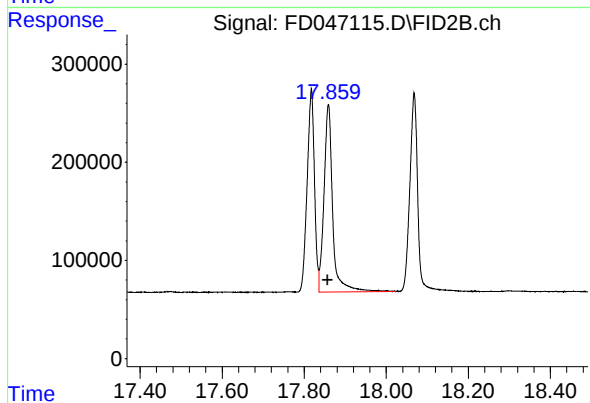
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.461 min
Delta R.T.: 0.002 min
Response: 2801862
Conc: 19.60 ug/ml



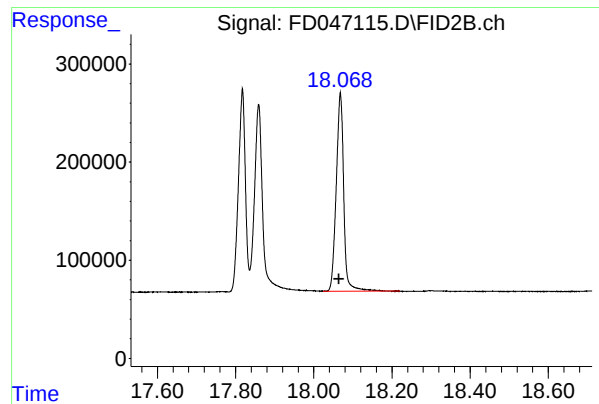
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.817 min
Delta R.T.: 0.001 min
Response: 2550009
Conc: 19.79 ug/ml



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

R.T.: 17.859 min
Delta R.T.: 0.002 min
Response: 2811828
Conc: 19.83 ug/ml



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

R.T.: 18.068 min
Delta R.T.: 0.003 min
Response: 2700244
Conc: 19.68 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010824AR\
Data File : FD047115.D
Signal(s) : FID2B.ch
Acq On : 08 Jan 2024 15:12
Sample : 20 PPM AROMATIC HC STD ICV
Misc :
ALS Vial : 71 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010824.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	4.284	4.230	4.334	BV	353243	3037998	86.93%	4.888%
2	5.810	5.780	5.942	BB	354369	3259798	93.27%	5.245%
3	6.858	6.825	6.982	VV	349308	3310669	94.73%	5.327%
4	7.469	7.420	7.572	BV	311951	3001484	85.88%	4.829%
5	8.125	8.064	8.159	BV	310101	3032079	86.76%	4.879%
6	8.322	8.262	8.392	BV	202976	2006808	57.42%	3.229%
7	8.420	8.392	8.515	VB	324298	3239284	92.68%	5.212%
8	9.198	9.090	9.299	BB	302604	3156612	90.32%	5.079%
9	10.586	10.520	10.634	BV	299114	3107603	88.92%	5.000%
10	10.661	10.634	10.730	VV	266006	2940942	84.15%	4.732%
11	11.358	11.292	11.429	BB	321993	3494951	100.00%	5.623%
12	12.388	12.353	12.489	PB	285360	3131492	89.60%	5.039%
13	12.681	12.627	12.724	BV	273300	3055423	87.42%	4.916%
14	14.545	14.382	14.565	BV	232775	2779567	79.53%	4.472%
15	14.587	14.565	14.699	VB	245493	3019283	86.39%	4.858%
16	16.087	16.040	16.102	BV	231725	2843987	81.37%	4.576%
17	16.118	16.102	16.205	VB	250269	2868457	82.07%	4.615%
18	16.461	16.430	16.570	BV	230946	2801862	80.17%	4.508%
19	17.817	17.780	17.836	BV	206806	2550009	72.96%	4.103%
20	17.859	17.836	18.024	VV	191162	2811828	80.45%	4.524%
21	18.068	18.024	18.220	VBA	202243	2700244	77.26%	4.345%
Sum of corrected areas:						62150379		

Aromatic EPH 010824.M Tue Jan 09 00:26:22 2024