

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091924AR\
 Data File : FG014292.D
 Signal(s) : FID1A.ch
 Acq On : 20 Sep 2024 01:19
 Operator : YP\AJ
 Sample : P4104-14
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 20 02:48:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 090424.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 04 11:28:29 2024
 Response via : Initial Calibration
 Integrator: ChemStation

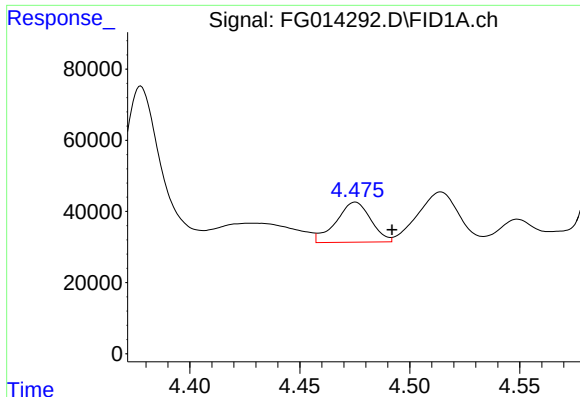
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.879	12896486	115.272 ug/ml
Spiked Amount 50.000		Recovery =	230.54%
6) S 2-Fluorobiphenyl (SURR)	8.756	12276593	168.619 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	337.24%#
11) S ortho-Terphenyl (SURR)	11.832	10557185	78.319 ug/ml
Spiked Amount 50.000		Recovery =	156.64%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.475	123981	0.963 ug/ml
2) T Naphthalene (C11.7)	6.146	663074	5.256 ug/ml
3) T 2-Methylnaphthalene (...)	7.259	28327546	222.409 ug/ml
5) T Acenaphthylene (C15.06)	8.544	19908146	153.170 ug/ml
7) T Acenaphthene (C15.5)	8.872	2965585	21.414 ug/ml
8) T Fluorene (C16.55)	9.675	6277237	48.428 ug/ml
9) T Phenanthrene (C19.36)	11.061	18072894	149.538 ug/ml
10) T Anthracene (C19.43)	11.142	12335808	88.916 ug/ml
12) T Fluoranthene (C21.85)	12.883	10461690	80.699 ug/ml
13) T Pyrene (C20.8)	13.179	9361294	71.693 ug/ml
14) T Benzo[a]anthracene (C...	15.095	837179	7.359 ug/ml
15) T Chrysene (C27.41)	15.140	1044472	7.389 ug/ml
16) T benzo[b]fluoranthene ...	16.665	17974	0.157 ug/ml
17) T Bnezo[k]fluoranthene ...	16.665	17974	0.134 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.053	73887	0.595 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.416	142169	1.438 ug/ml
20) T Dibenz[a,h]anthracene...	18.416	142169	0.966 ug/ml
21) T Benzo[g,h,i]perylene ...	18.627	384608	2.943 ug/ml

(f)=RT Delta > 1/2 Window

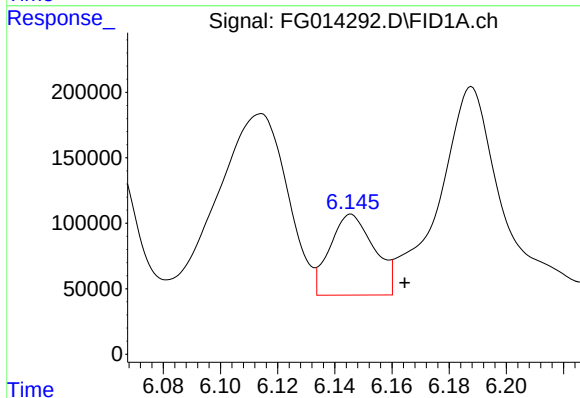
(m)=manual int.



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

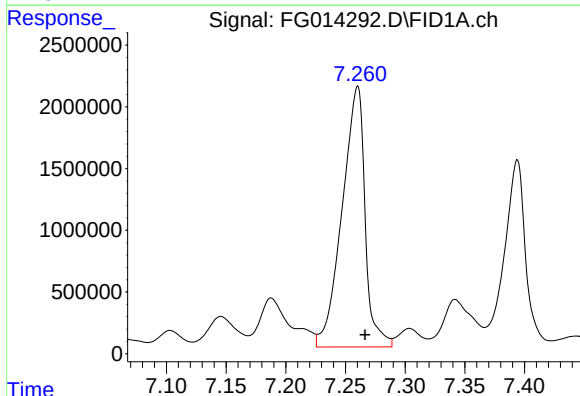
R.T.: 4.475 min
Delta R.T.: -0.017 min
Response: 123981
Conc: 0.96 ug/ml

Instrument :
FID_G
ClientSampleId :



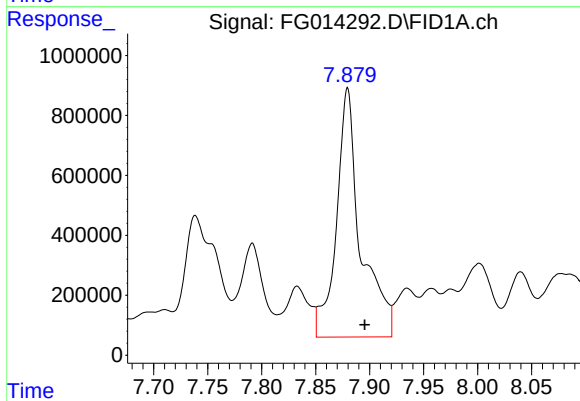
#2 Naphthalene (C11.7)

R.T.: 6.146 min
Delta R.T.: -0.019 min
Response: 663074
Conc: 5.26 ug/ml



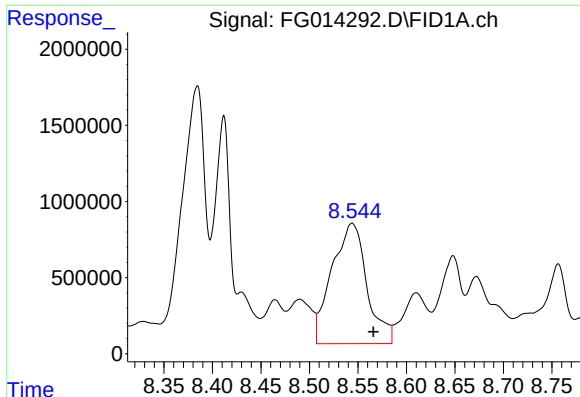
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.259 min
Delta R.T.: -0.007 min
Response: 28327546
Conc: 222.41 ug/ml



#4 2-Bromonaphthalene (SURR)

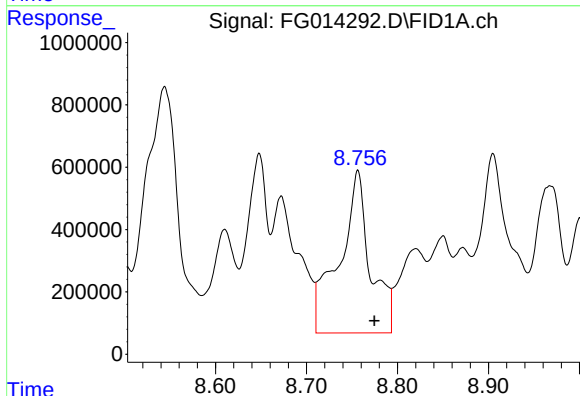
R.T.: 7.879 min
Delta R.T.: -0.016 min
Response: 12896486
Conc: 115.27 ug/ml



#5 Acenaphthylene (C15.06)

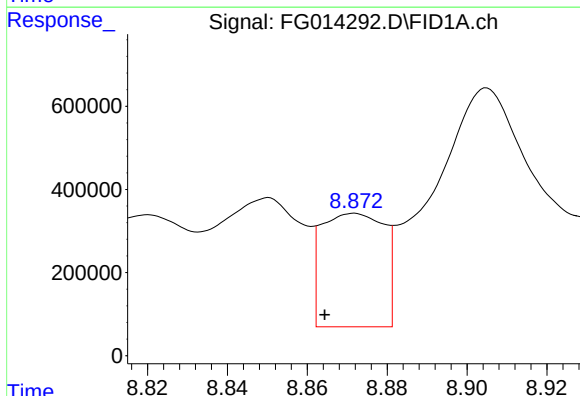
R.T.: 8.544 min
Delta R.T.: -0.022 min
Response: 19908146
Conc: 153.17 ug/ml

Instrument :
FID_G
ClientSampleId :



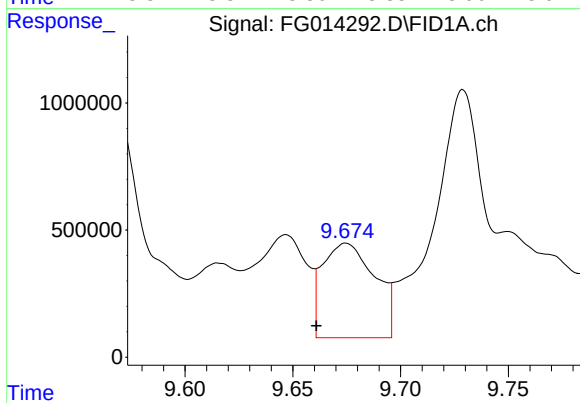
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.756 min
Delta R.T.: -0.018 min
Response: 12276593
Conc: 168.62 ug/ml



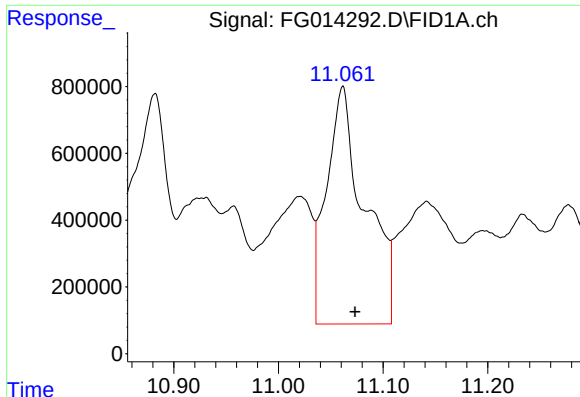
#7 Acenaphthene (C15.5)

R.T.: 8.872 min
Delta R.T.: 0.007 min
Response: 2965585
Conc: 21.41 ug/ml



#8 Fluorene (C16.55)

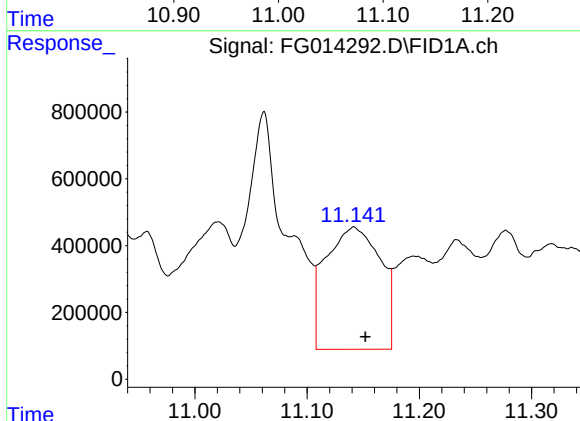
R.T.: 9.675 min
Delta R.T.: 0.014 min
Response: 6277237
Conc: 48.43 ug/ml



#9 Phenanthrene (C19.36)

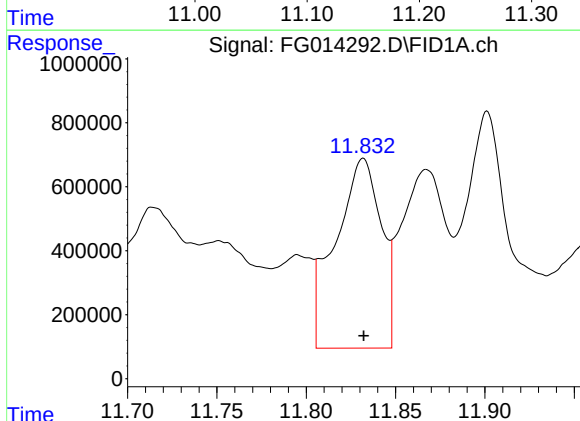
R.T.: 11.061 min
Delta R.T.: -0.012 min
Response: 18072894
Conc: 149.54 ug/ml

Instrument :
FID_G
ClientSampleId :



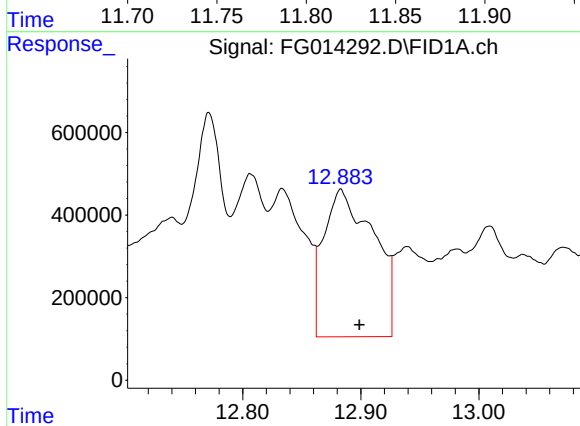
#10 Anthracene (C19.43)

R.T.: 11.142 min
Delta R.T.: -0.010 min
Response: 12335808
Conc: 88.92 ug/ml



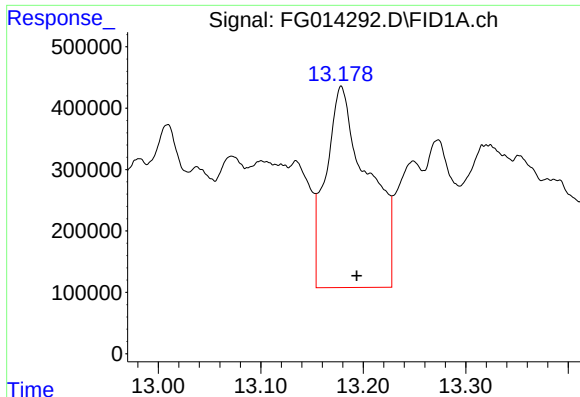
#11 ortho-Terphenyl (SURR)

R.T.: 11.832 min
Delta R.T.: 0.000 min
Response: 10557185
Conc: 78.32 ug/ml



#12 Fluoranthene (C21.85)

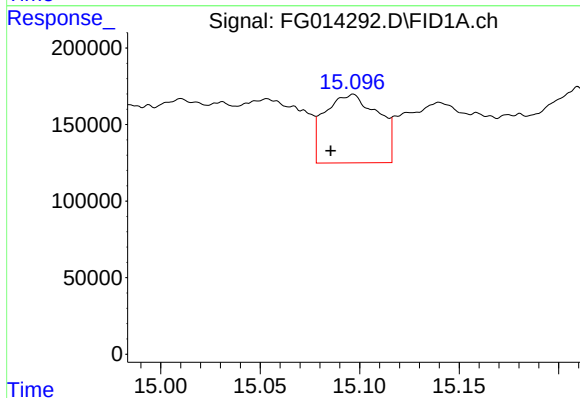
R.T.: 12.883 min
Delta R.T.: -0.016 min
Response: 10461690
Conc: 80.70 ug/ml



#13 Pyrene (C20.8)

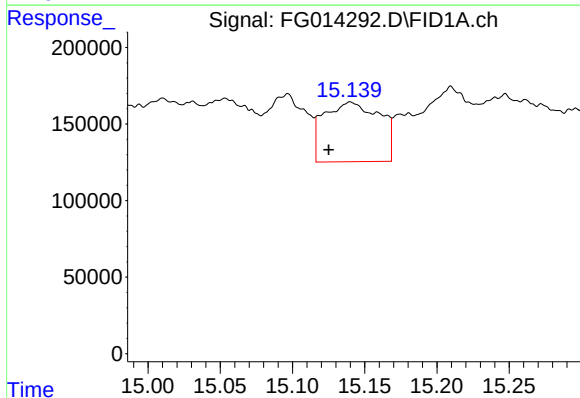
R.T.: 13.179 min
Delta R.T.: -0.015 min
Response: 9361294
Conc: 71.69 ug/ml

Instrument :
FID_G
ClientSampleId :



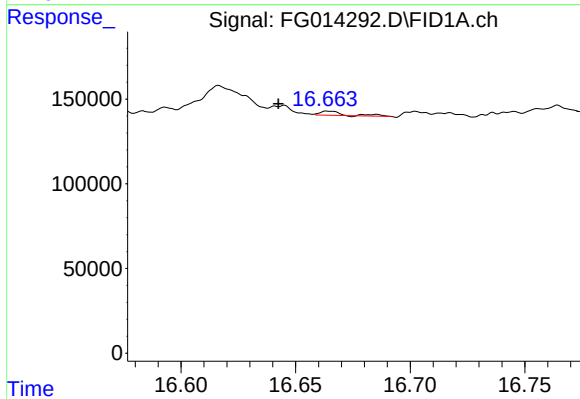
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.095 min
Delta R.T.: 0.010 min
Response: 837179
Conc: 7.36 ug/ml



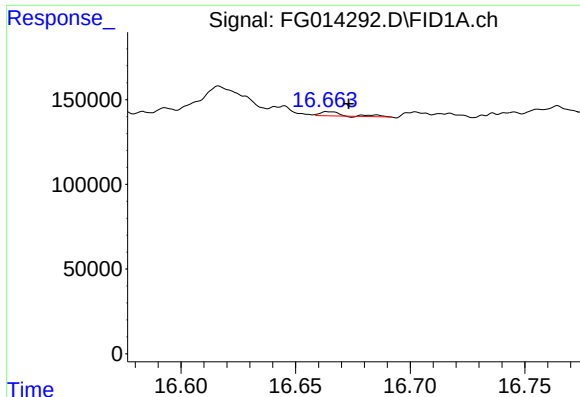
#15 Chrysene (C27.41)

R.T.: 15.140 min
Delta R.T.: 0.015 min
Response: 1044472
Conc: 7.39 ug/ml



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

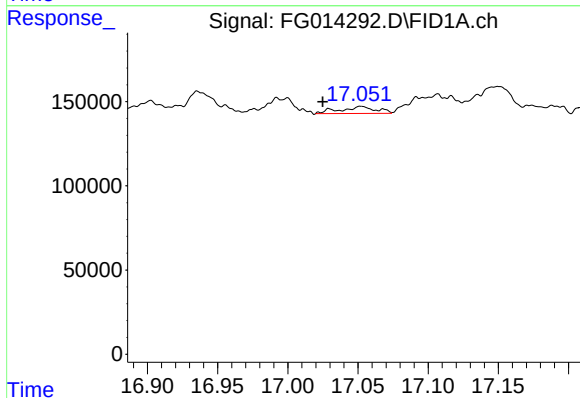
R.T.: 16.665 min
Delta R.T.: 0.022 min
Response: 17974
Conc: 0.16 ug/ml



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

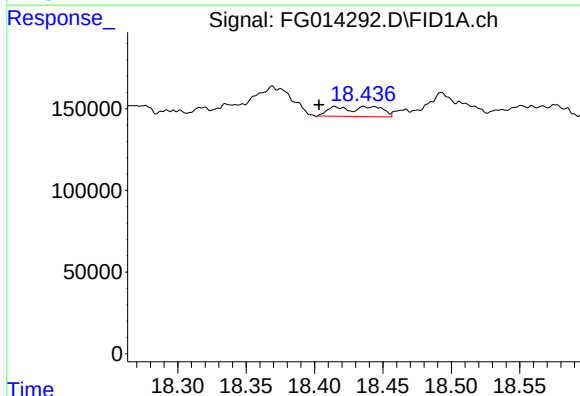
R.T.: 16.665 min
Delta R.T.: -0.009 min
Response: 17974
Conc: 0.13 ug/ml

Instrument :
FID_G
ClientSampleId :



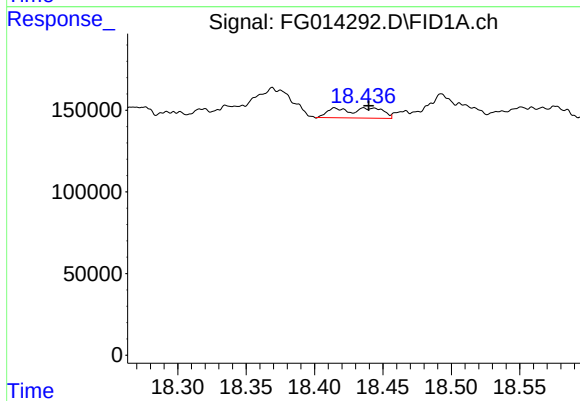
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.053 min
Delta R.T.: 0.028 min
Response: 73887
Conc: 0.59 ug/ml



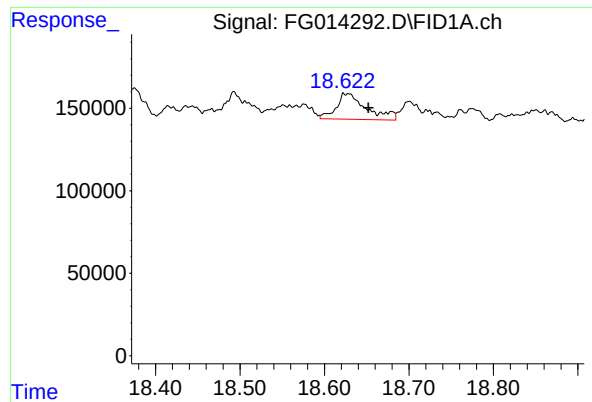
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.416 min
Delta R.T.: 0.013 min
Response: 142169
Conc: 1.44 ug/ml



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

R.T.: 18.416 min
Delta R.T.: -0.023 min
Response: 142169
Conc: 0.97 ug/ml



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

R.T.: 18.627 min
Delta R.T.: -0.025 min
Response: 384608
Conc: 2.94 ug/ml

Instrument :

FID_G

ClientSampleId :