

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091324AR\
 Data File : FG014225.D
 Signal(s) : FID1A.ch
 Acq On : 13 Sep 2024 16:43
 Operator : YP\AJ
 Sample : P3964-02DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 14 04:50:51 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...	7.880	1064772	9.517 ug/ml
Spiked Amount 50.000		Recovery =	19.03%
6) S 2-Fluorobiphenyl (SURR)	8.754	717036	9.849 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	19.70%
11) S ortho-Terphenyl (SURR)	11.820	534680	3.967 ug/ml
Spiked Amount 50.000		Recovery =	7.93%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.482	1701121	13.214 ug/ml
2) T Naphthalene (C11.7)	6.151	2264997	17.956 ug/ml
3) T 2-Methylnaphthalene (...)	7.250	2754742	21.628 ug/ml
5) T Acenaphthylene (C15.06)	8.533	531656	4.090 ug/ml
7) T Acenaphthene (C15.5)	8.851	135681	0.980 ug/ml
8) T Flouorene (C16.55)	9.648	309517	2.388 ug/ml
9) T Phenanthrene (C19.36)	11.054	298737	2.472 ug/ml
10) T Anthracene (C19.43)	11.136	108176	0.780 ug/ml
12) T Fluoranthene (C21.85)	12.884	116497	0.899 ug/ml
13) T Pyrene (C20.8)	13.181	59074	0.452 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.427	55528	0.562 ug/ml
20) T Dibenz[a,h]anthracene...	18.427	55528	0.377 ug/ml

(f)=RT Delta > 1/2 Window

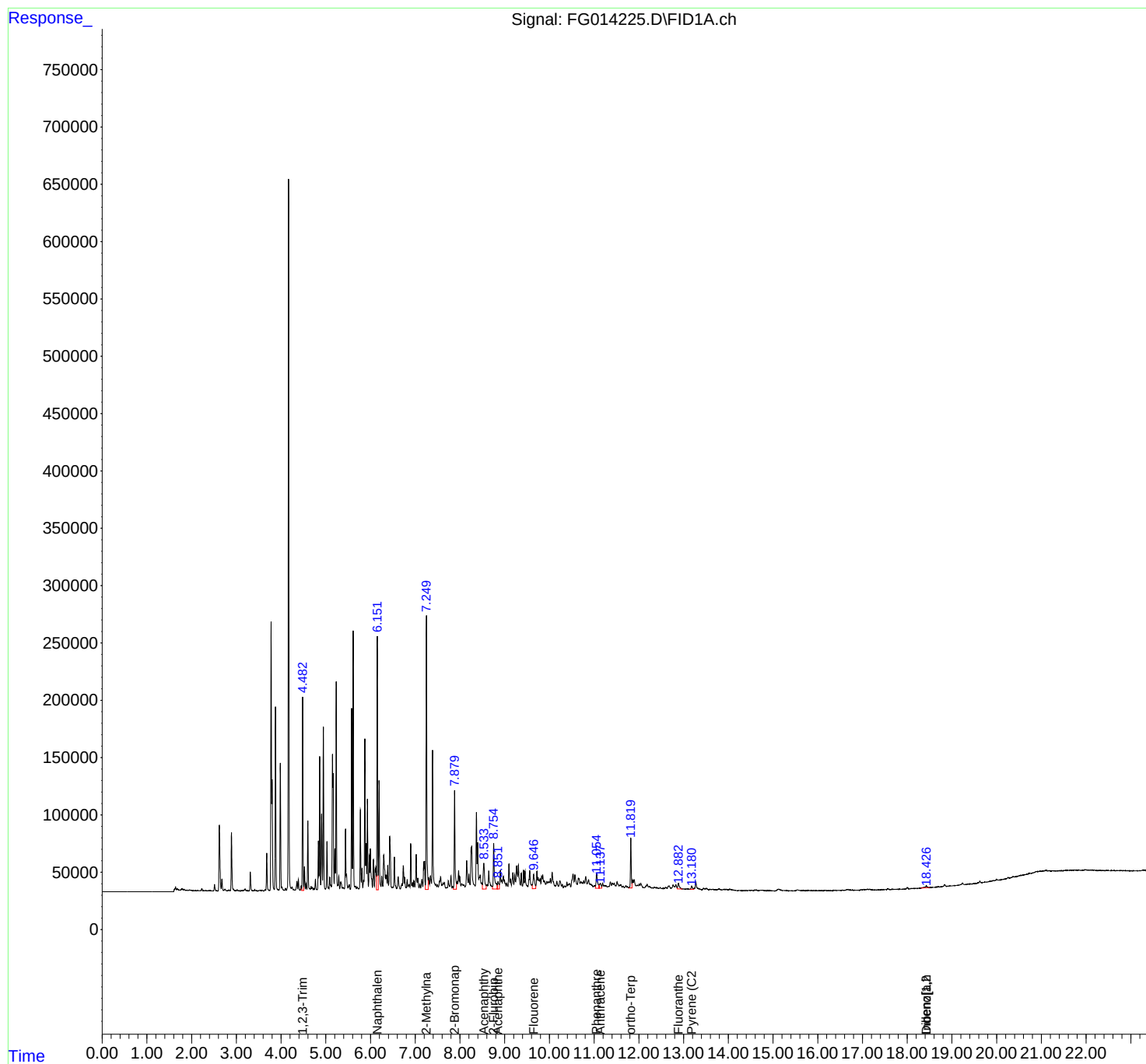
(m)=manual int.

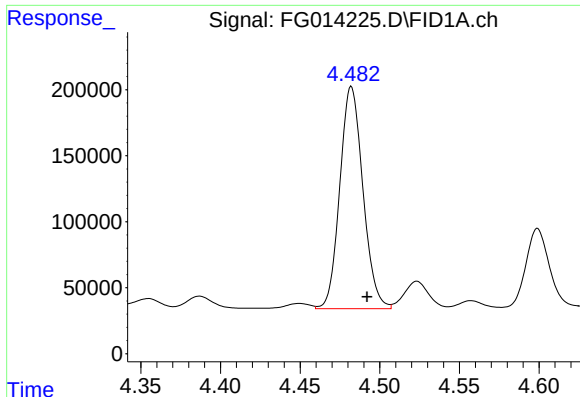
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Signal Info : 20M x 0.18mm x 0.18µm

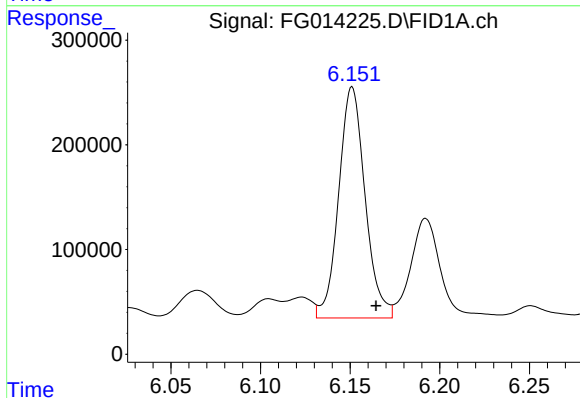




#1 1,2,3-Trimethylbenzene (C10.1)

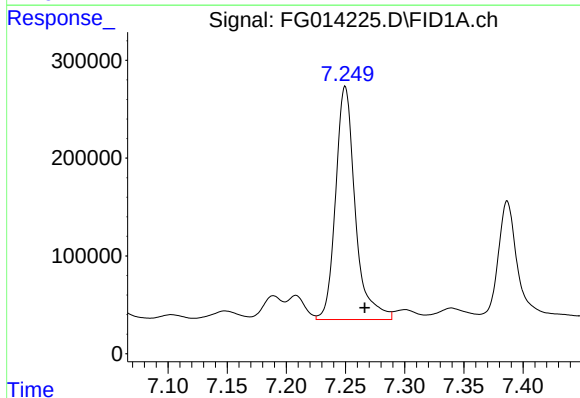
R.T.: 4.482 min
Delta R.T.: -0.010 min
Response: 1701121
Conc: 13.21 ug/ml

Instrument :
FID_G
ClientSampleId :



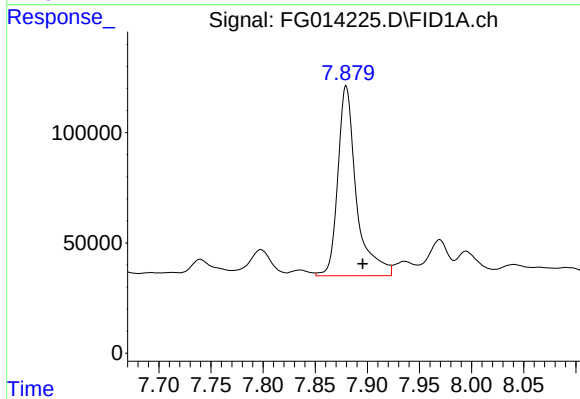
#2 Naphthalene (C11.7)

R.T.: 6.151 min
Delta R.T.: -0.013 min
Response: 2264997
Conc: 17.96 ug/ml



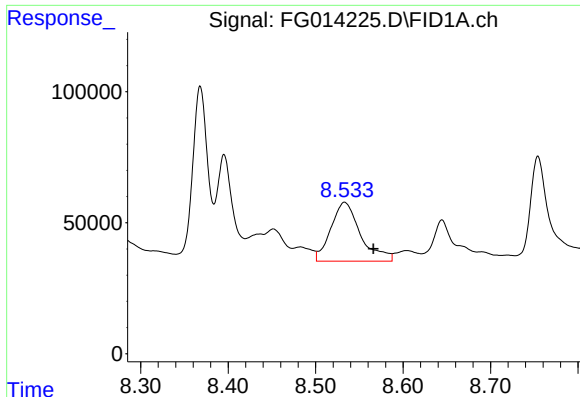
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.250 min
Delta R.T.: -0.016 min
Response: 2754742
Conc: 21.63 ug/ml



#4 2-Bromonaphthalene (SURR)

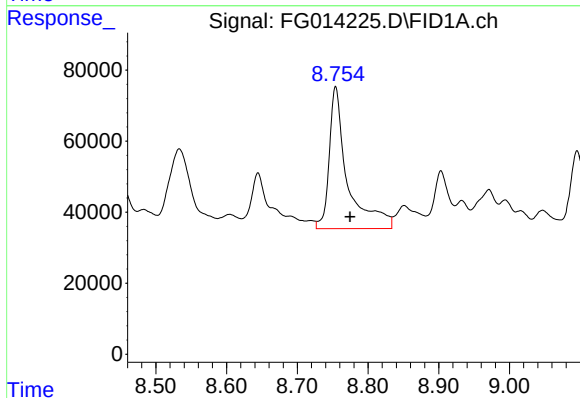
R.T.: 7.880 min
Delta R.T.: -0.016 min
Response: 1064772
Conc: 9.52 ug/ml



#5 Acenaphthylene (C15.06)

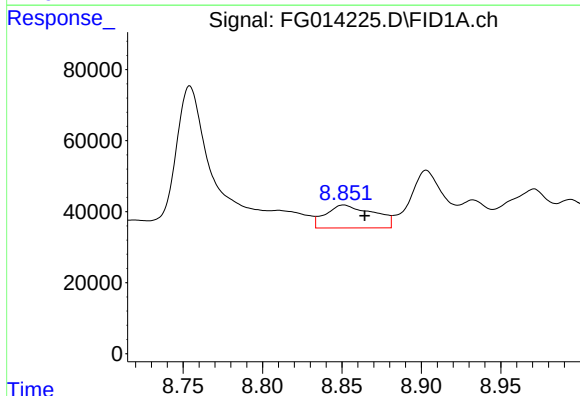
R.T.: 8.533 min
Delta R.T.: -0.033 min
Response: 531656
Conc: 4.09 ug/ml

Instrument :
FID_G
ClientSampleId :



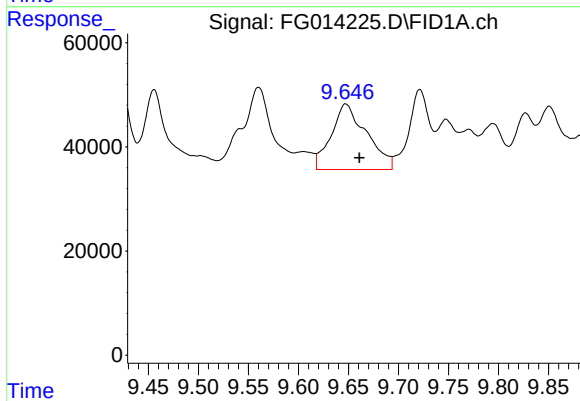
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.754 min
Delta R.T.: -0.020 min
Response: 717036
Conc: 9.85 ug/ml



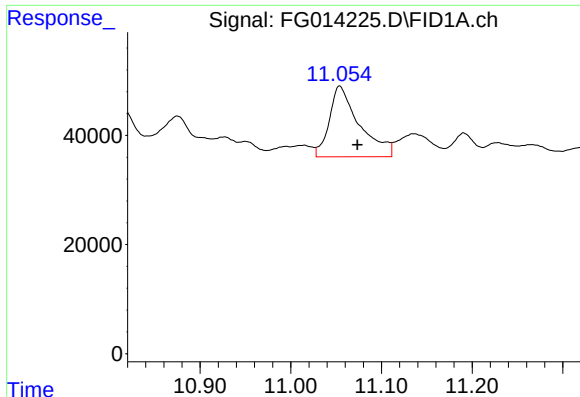
#7 Acenaphthene (C15.5)

R.T.: 8.851 min
Delta R.T.: -0.013 min
Response: 135681
Conc: 0.98 ug/ml



#8 Fluorene (C16.55)

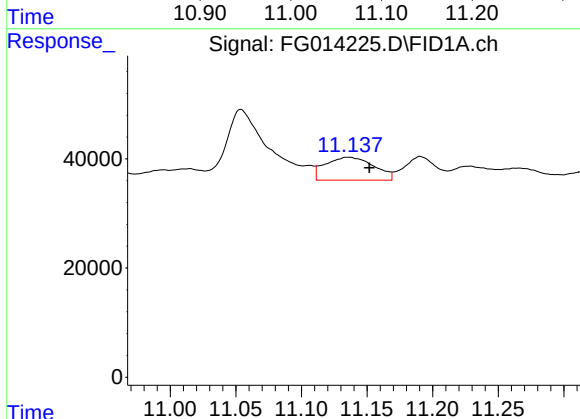
R.T.: 9.648 min
Delta R.T.: -0.013 min
Response: 309517
Conc: 2.39 ug/ml



#9 Phenanthrene (C19.36)

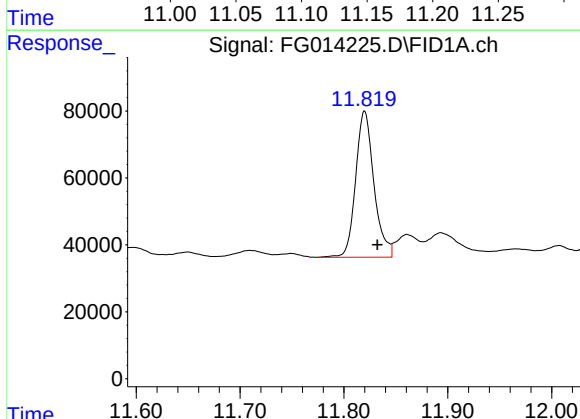
R.T.: 11.054 min
Delta R.T.: -0.019 min
Response: 298737
Conc: 2.47 ug/ml

Instrument :
FID_G
ClientSampleId :



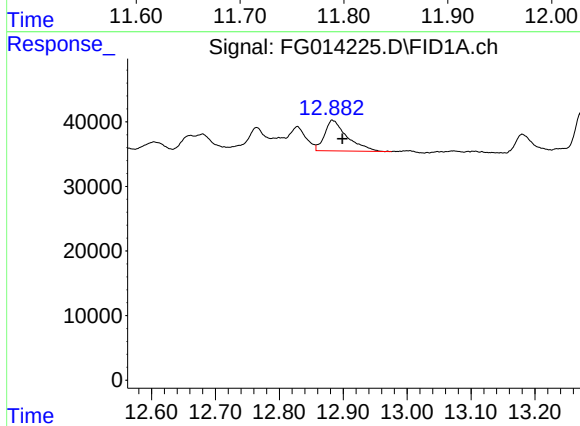
#10 Anthracene (C19.43)

R.T.: 11.136 min
Delta R.T.: -0.016 min
Response: 108176
Conc: 0.78 ug/ml



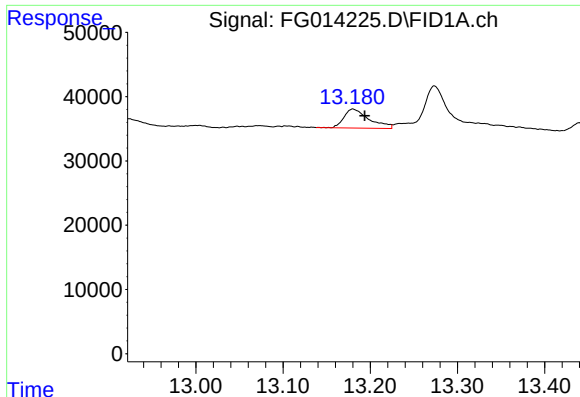
#11 ortho-Terphenyl (SURR)

R.T.: 11.820 min
Delta R.T.: -0.012 min
Response: 534680
Conc: 3.97 ug/ml



#12 Fluoranthene (C21.85)

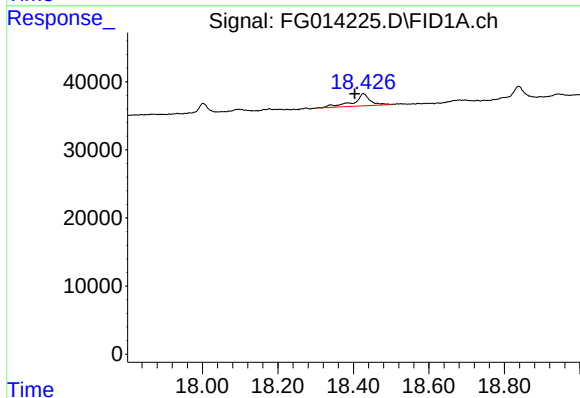
R.T.: 12.884 min
Delta R.T.: -0.015 min
Response: 116497
Conc: 0.90 ug/ml



#13 Pyrene (C20.8)

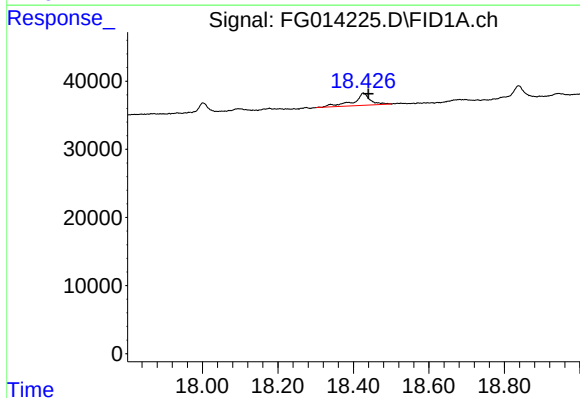
R.T.: 13.181 min
Delta R.T.: -0.013 min
Response: 59074
Conc: 0.45 ug/ml

Instrument :
FID_G
ClientSampleId :



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

R.T.: 18.427 min
Delta R.T.: 0.023 min
Response: 55528
Conc: 0.56 ug/ml



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

R.T.: 18.427 min
Delta R.T.: -0.013 min
Response: 55528
Conc: 0.38 ug/ml