

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092324AR\
 Data File : FG014340.D
 Signal(s) : FID1A.ch
 Acq On : 23 Sep 2024 16:08
 Operator : YP\AJ
 Sample : P4104-30DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 24 01:32:31 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...	7.870	1456580	13.019 ug/ml
Spiked Amount 50.000		Recovery =	26.04%
6) S 2-Fluorobiphenyl (SURR)	8.745	1077831	14.804 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	29.61%
11) S ortho-Terphenyl (SURR)	11.808	1252914	9.295 ug/ml
Spiked Amount 50.000		Recovery =	18.59%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.474	107952	0.839 ug/ml
2) T Naphthalene (C11.7)	6.184	383767	3.042 ug/ml
3) T 2-Methylnaphthalene (...)	7.291	133815	1.051 ug/ml
5) T Acenaphthylene (C15.06)	8.527	469011	3.608 ug/ml
7) T Acenaphthene (C15.5)	8.854	158673	1.146 ug/ml
8) T Fluorene (C16.55)	9.712	107615	0.830 ug/ml
13) T Pyrene (C20.8)	13.263f	189323	1.450 ug/ml
17) T Bnezo[k]fluoranthene ...	16.713	53988	0.401 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.415	35345	0.358 ug/ml
20) T Dibenz[a,h]anthracene...	18.415	35345	0.240 ug/ml

(f)=RT Delta > 1/2 Window

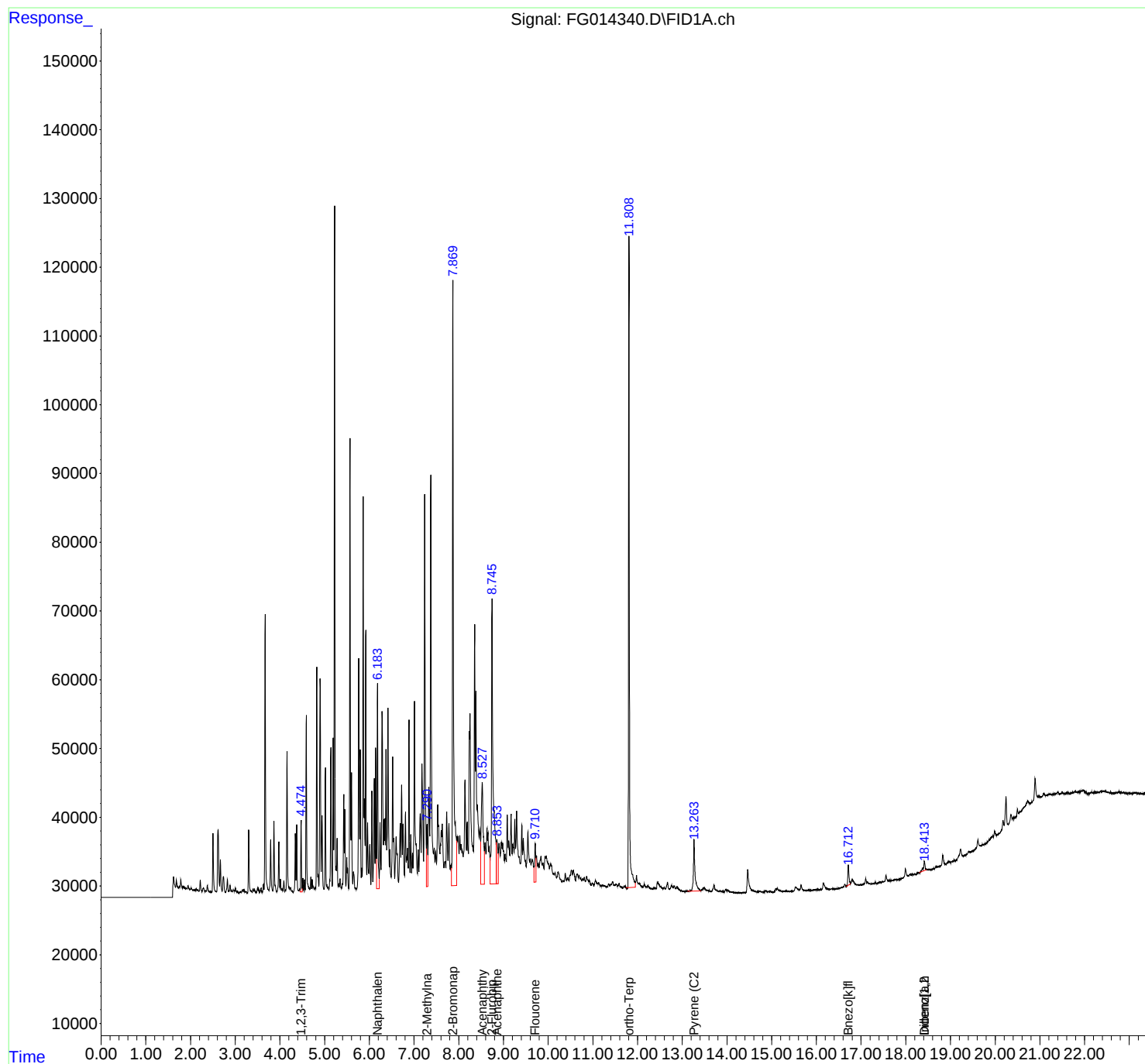
(m)=manual int.

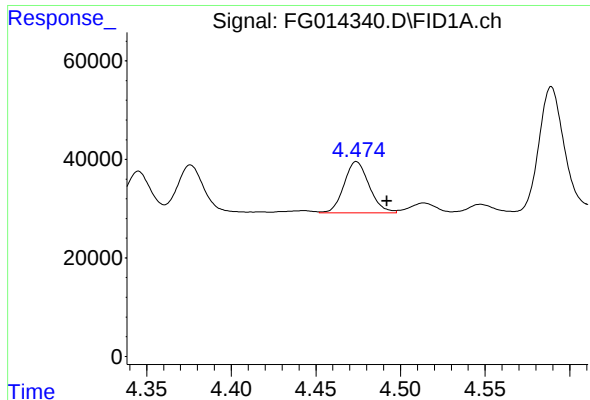
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Signal Info : 20M x 0.18mm x 0.18µm

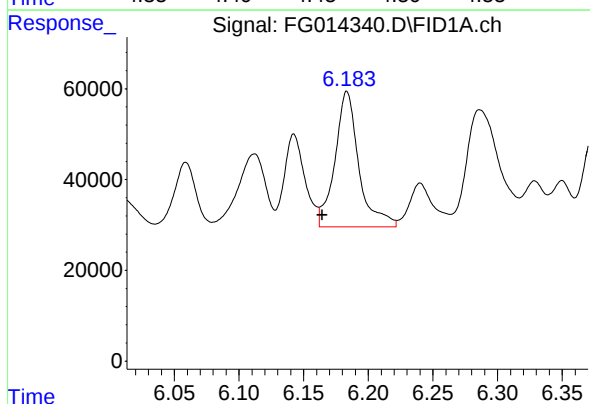




#1 1,2,3-Trimethylbenzene (C10.1)

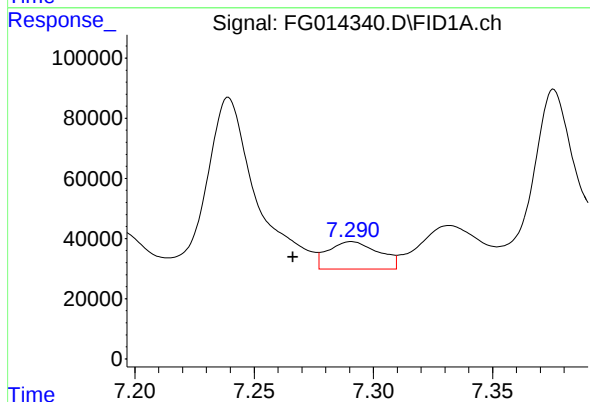
R.T.: 4.474 min
Delta R.T.: -0.018 min
Response: 107952
Conc: 0.84 ug/ml

Instrument :
FID_G
ClientSampleId :



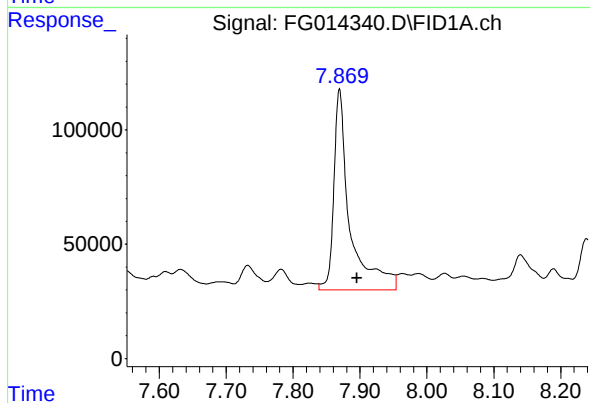
#2 Naphthalene (C11.7)

R.T.: 6.184 min
Delta R.T.: 0.019 min
Response: 383767
Conc: 3.04 ug/ml



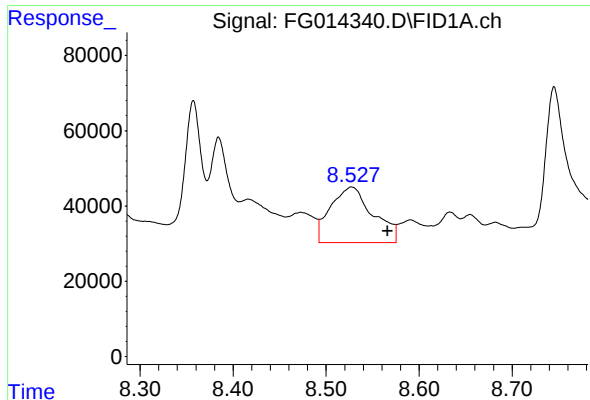
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.291 min
Delta R.T.: 0.025 min
Response: 133815
Conc: 1.05 ug/ml



#4 2-Bromonaphthalene (SURR)

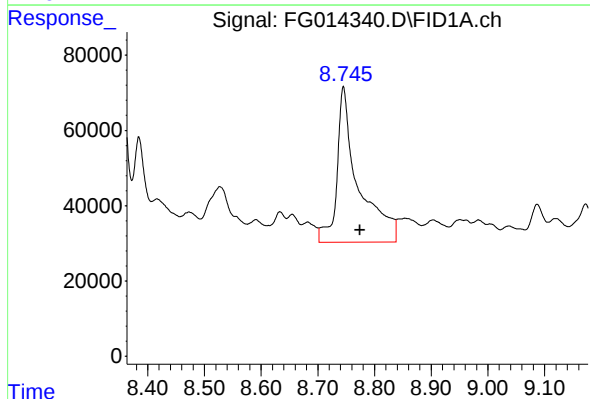
R.T.: 7.870 min
Delta R.T.: -0.026 min
Response: 1456580
Conc: 13.02 ug/ml



#5 Acenaphthylene (C15.06)

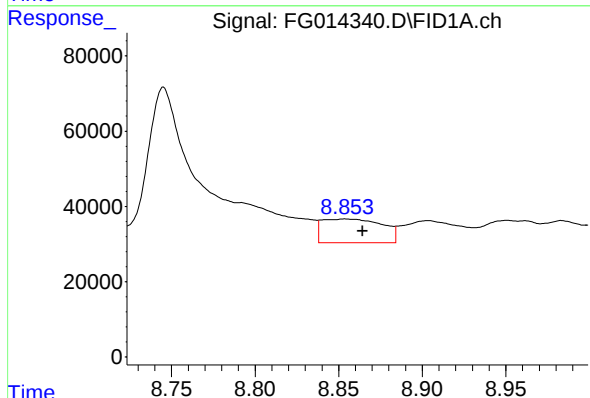
R.T.: 8.527 min
Delta R.T.: -0.039 min
Response: 469011
Conc: 3.61 ug/ml

Instrument :
FID_G
ClientSampleId :



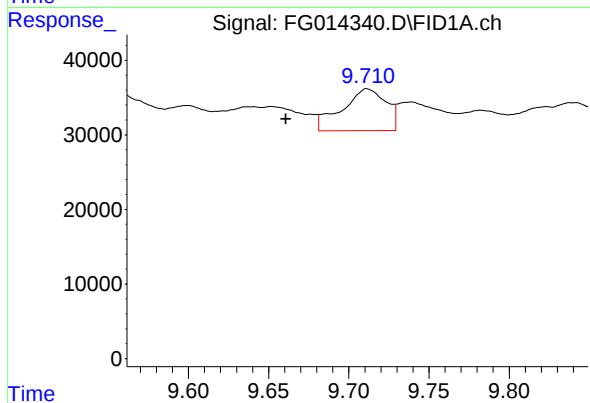
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.745 min
Delta R.T.: -0.029 min
Response: 1077831
Conc: 14.80 ug/ml



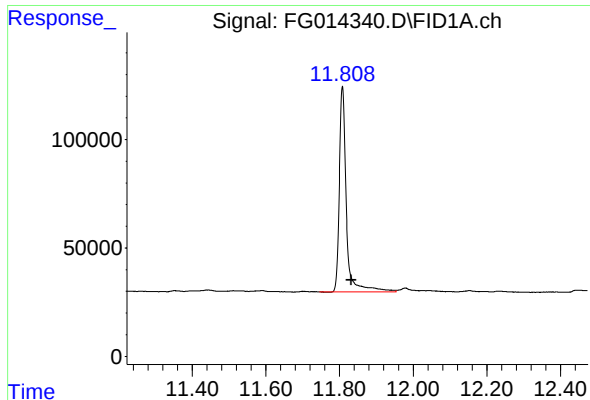
#7 Acenaphthene (C15.5)

R.T.: 8.854 min
Delta R.T.: -0.010 min
Response: 158673
Conc: 1.15 ug/ml



#8 Flouorene (C16.55)

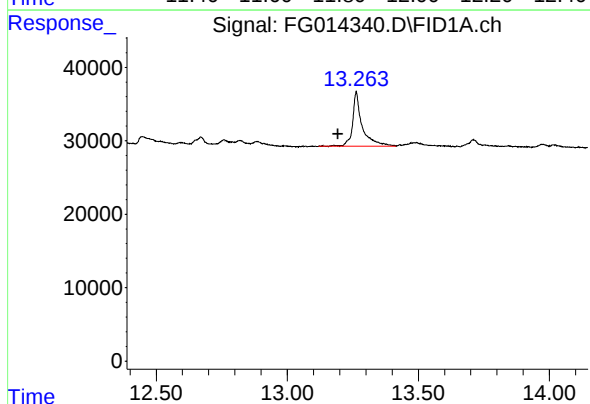
R.T.: 9.712 min
Delta R.T.: 0.051 min
Response: 107615
Conc: 0.83 ug/ml



#11 ortho-Terphenyl (SURR)

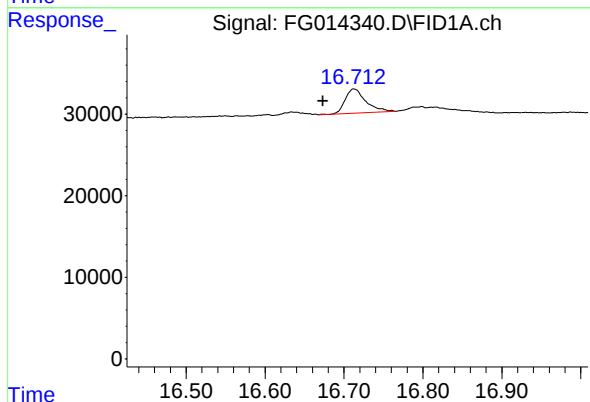
R.T.: 11.808 min
Delta R.T.: -0.024 min
Response: 1252914
Conc: 9.29 ug/ml

Instrument :
FID_G
ClientSampleId :



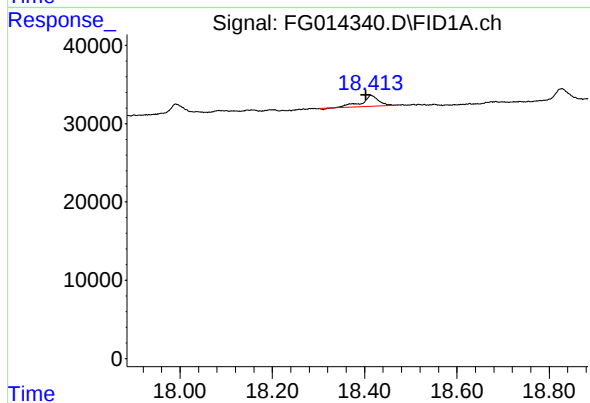
#13 Pyrene (C20.8)

R.T.: 13.263 min
Delta R.T.: 0.069 min
Response: 189323
Conc: 1.45 ug/ml



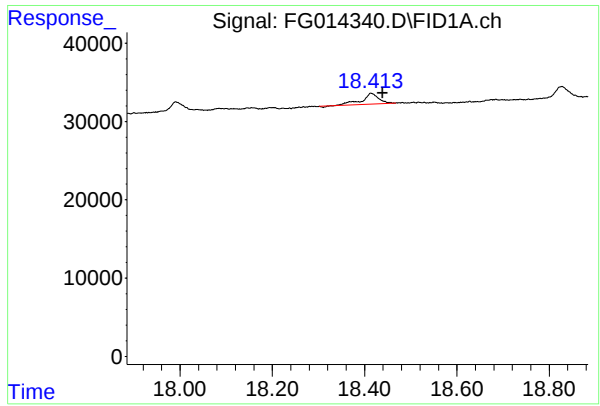
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.713 min
Delta R.T.: 0.040 min
Response: 53988
Conc: 0.40 ug/ml



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

R.T.: 18.415 min
Delta R.T.: 0.011 min
Response: 35345
Conc: 0.36 ug/ml



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

R.T.: 18.415 min
Delta R.T.: -0.025 min
Response: 35345
Conc: 0.24 ug/ml

Instrument :
FID_G
ClientSampleId :