

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092024AR\
 Data File : FG014311.D
 Signal(s) : FID1A.ch
 Acq On : 20 Sep 2024 16:58
 Operator : YP\AJ
 Sample : P4104-12DL2 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 WC-14-7.5-10A-EPH-2DL

Integration File: autoint1.e
 Quant Time: Sep 21 03:14:58 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...	7.871	1273260	11.381 ug/ml
Spiked Amount 50.000		Recovery =	22.76%
6) S 2-Fluorobiphenyl (SURR)	8.744	1078681	14.816 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	29.63%
11) S ortho-Terphenyl (SURR)	11.844	584961	4.340 ug/ml
Spiked Amount 50.000		Recovery =	8.68%
Target Compounds			
2) T Naphthalene (C11.7)	6.186	203698	1.615 ug/ml
3) T 2-Methylnaphthalene (...)	7.241	2102483	16.507 ug/ml
5) T Acenaphthylene (C15.06)	8.599	437244	3.364 ug/ml
7) T Acenaphthene (C15.5)	8.860	248536	1.795 ug/ml
8) T Fluorene (C16.55)	9.658	426589	3.291 ug/ml
9) T Phenanthrene (C19.36)	11.039	1251092	10.352 ug/ml
10) T Anthracene (C19.43)	11.129	617194	4.449 ug/ml
12) T Fluoranthene (C21.85)	12.865	629691	4.857 ug/ml
13) T Pyrene (C20.8)	13.160	280482	2.148 ug/ml

(f)=RT Delta > 1/2 Window

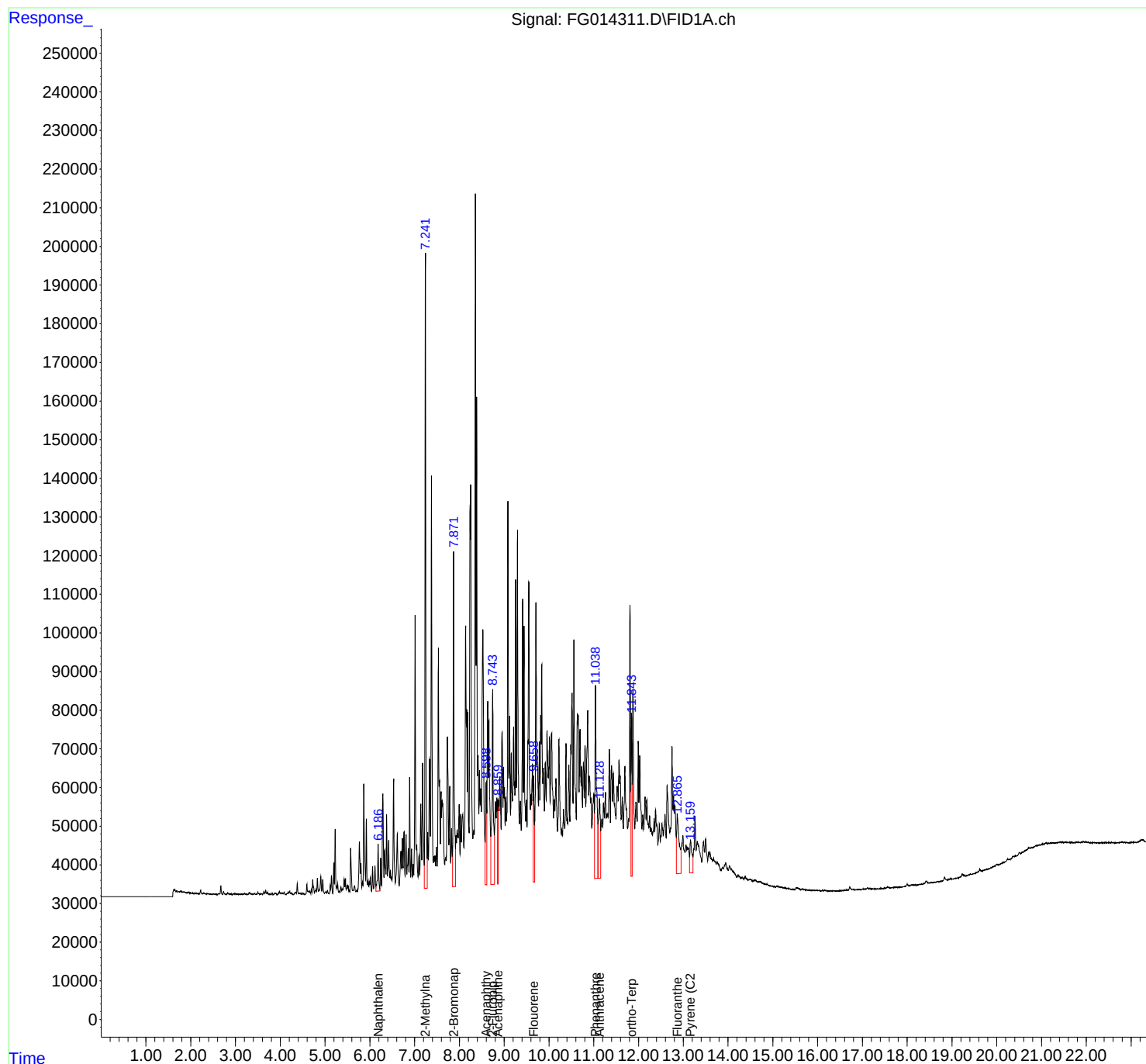
(m)=manual int.

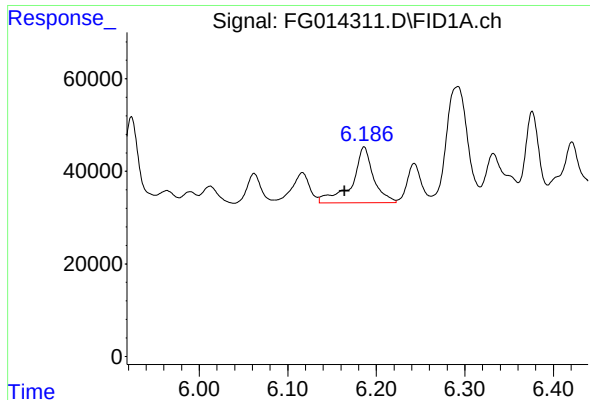
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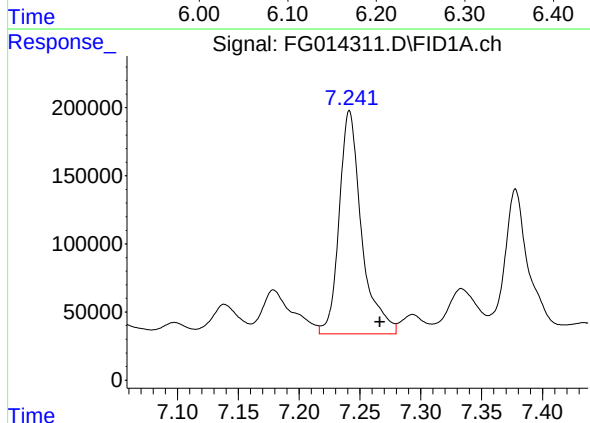




#2 Naphthalene (C11.7)

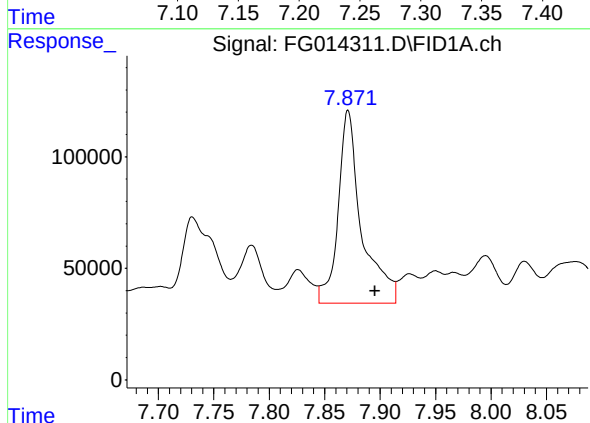
R.T.: 6.186 min
Delta R.T.: 0.022 min
Response: 203698
Conc: 1.61 ug/ml

Instrument :
FID_G
ClientSampleId :
WC-14-7.5-10A-EPH-2DL



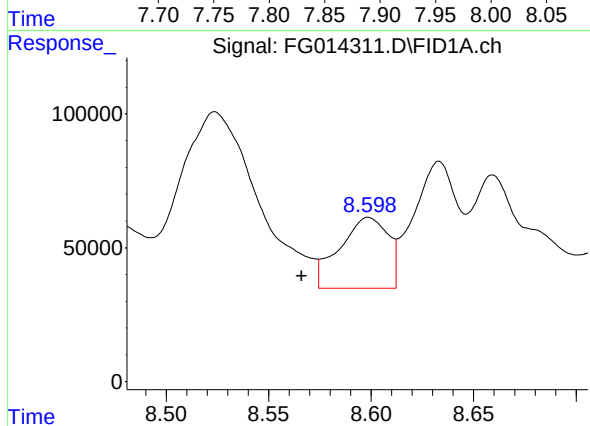
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.241 min
Delta R.T.: -0.025 min
Response: 2102483
Conc: 16.51 ug/ml



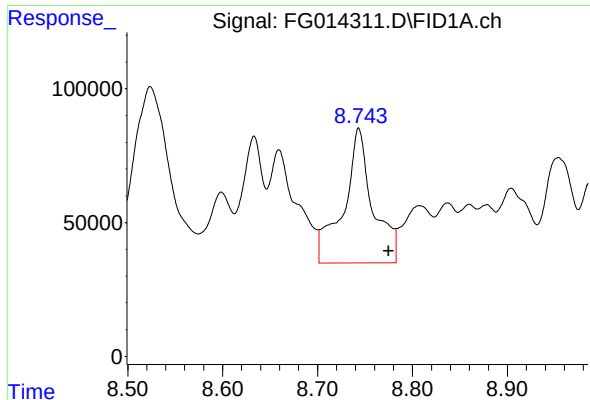
#4 2-Bromonaphthalene (SURR)

R.T.: 7.871 min
Delta R.T.: -0.024 min
Response: 1273260
Conc: 11.38 ug/ml



#5 Acenaphthylene (C15.06)

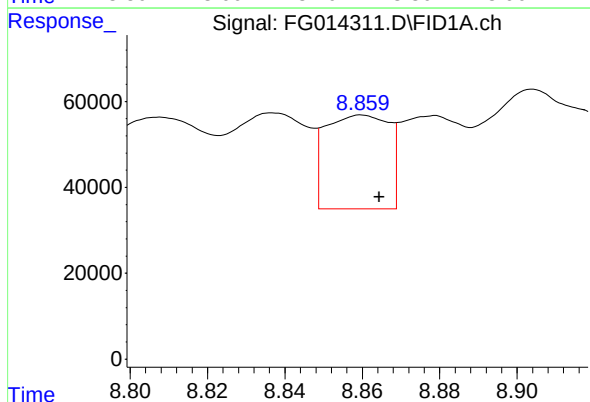
R.T.: 8.599 min
Delta R.T.: 0.033 min
Response: 437244
Conc: 3.36 ug/ml



#6 2-Fluorobiphenyl (SURR)

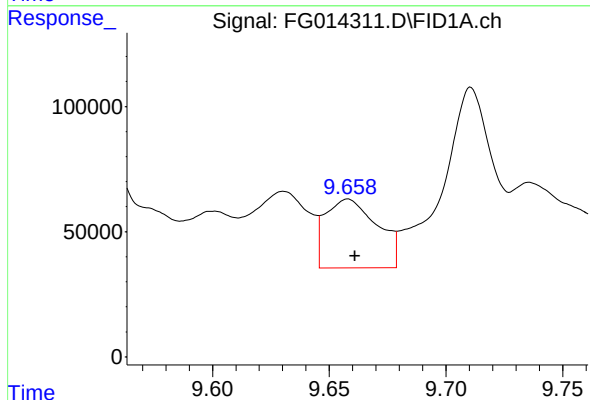
R.T.: 8.744 min
Delta R.T.: -0.031 min
Response: 1078681
Conc: 14.82 ug/ml

Instrument :
FID_G
ClientSampleId :
WC-14-7.5-10A-EPH-2DL



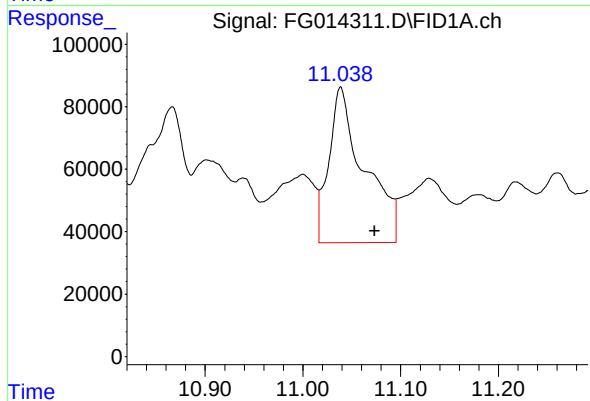
#7 Acenaphthene (C15.5)

R.T.: 8.860 min
Delta R.T.: -0.004 min
Response: 248536
Conc: 1.79 ug/ml



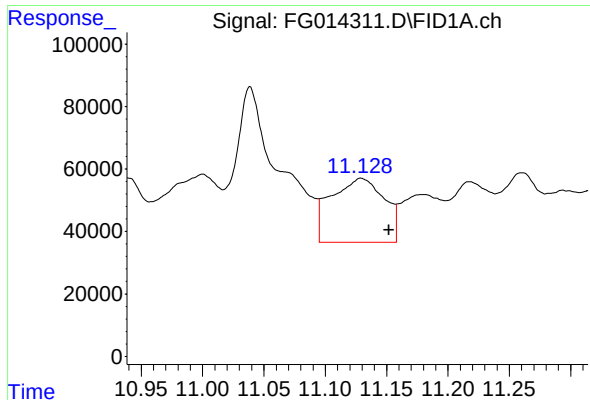
#8 Flouorene (C16.55)

R.T.: 9.658 min
Delta R.T.: -0.003 min
Response: 426589
Conc: 3.29 ug/ml



#9 Phenanthrene (C19.36)

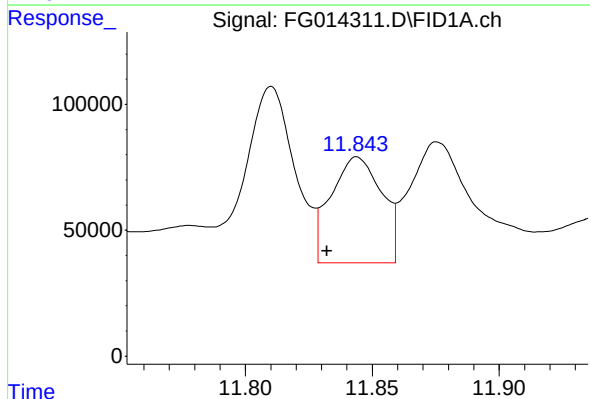
R.T.: 11.039 min
Delta R.T.: -0.034 min
Response: 1251092
Conc: 10.35 ug/ml



#10 Anthracene (C19.43)

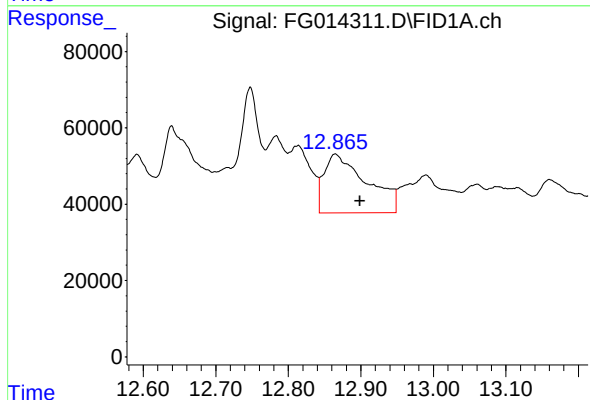
R.T.: 11.129 min
Delta R.T.: -0.022 min
Response: 617194
Conc: 4.45 ug/ml

Instrument :
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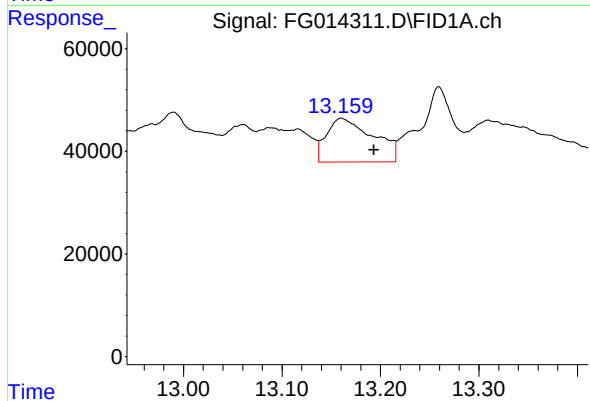
#11 ortho-Terphenyl (SURR)

R.T.: 11.844 min
Delta R.T.: 0.012 min
Response: 584961
Conc: 4.34 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.865 min
Delta R.T.: -0.034 min
Response: 629691
Conc: 4.86 ug/ml



#13 Pyrene (C20.8)

R.T.: 13.160 min
Delta R.T.: -0.033 min
Response: 280482
Conc: 2.15 ug/ml