

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092024AR\
 Data File : FG014313.D
 Signal(s) : FID1A.ch
 Acq On : 20 Sep 2024 17:57
 Operator : YP\AJ
 Sample : P4104-14DL2 20X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 WC-14-7.5-10A-EPH-4DL2

Integration File: autoint1.e
 Quant Time: Sep 21 03:15:19 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...	7.872	599931	5.362 ug/ml
Spiked Amount 50.000		Recovery =	10.72%
6) S 2-Fluorobiphenyl (SURR)	8.745	586270	8.052 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	16.10%
11) S ortho-Terphenyl (SURR)	11.844	401047	2.975 ug/ml
Spiked Amount 50.000		Recovery =	5.95%
Target Compounds			
2) T Naphthalene (C11.7)	6.147	32294	0.256 ug/ml
3) T 2-Methylnaphthalene (...)	7.242	1403068	11.016 ug/ml
5) T Acenaphthylene (C15.06)	8.596	297470	2.289 ug/ml
7) T Acenaphthene (C15.5)	8.859	165065	1.192 ug/ml
8) T Fluorene (C16.55)	9.656	316948	2.445 ug/ml
9) T Phenanthrene (C19.36)	11.040	899150	7.440 ug/ml
10) T Anthracene (C19.43)	11.128	538370	3.881 ug/ml
12) T Fluoranthene (C21.85)	12.863	410158	3.164 ug/ml
13) T Pyrene (C20.8)	13.159	288006	2.206 ug/ml
16) T benzo[b]fluoranthene ...	16.708f	20085	0.175 ug/ml
17) T Bnezo[k]fluoranthene ...	16.708	20085	0.149 ug/ml

(f)=RT Delta > 1/2 Window

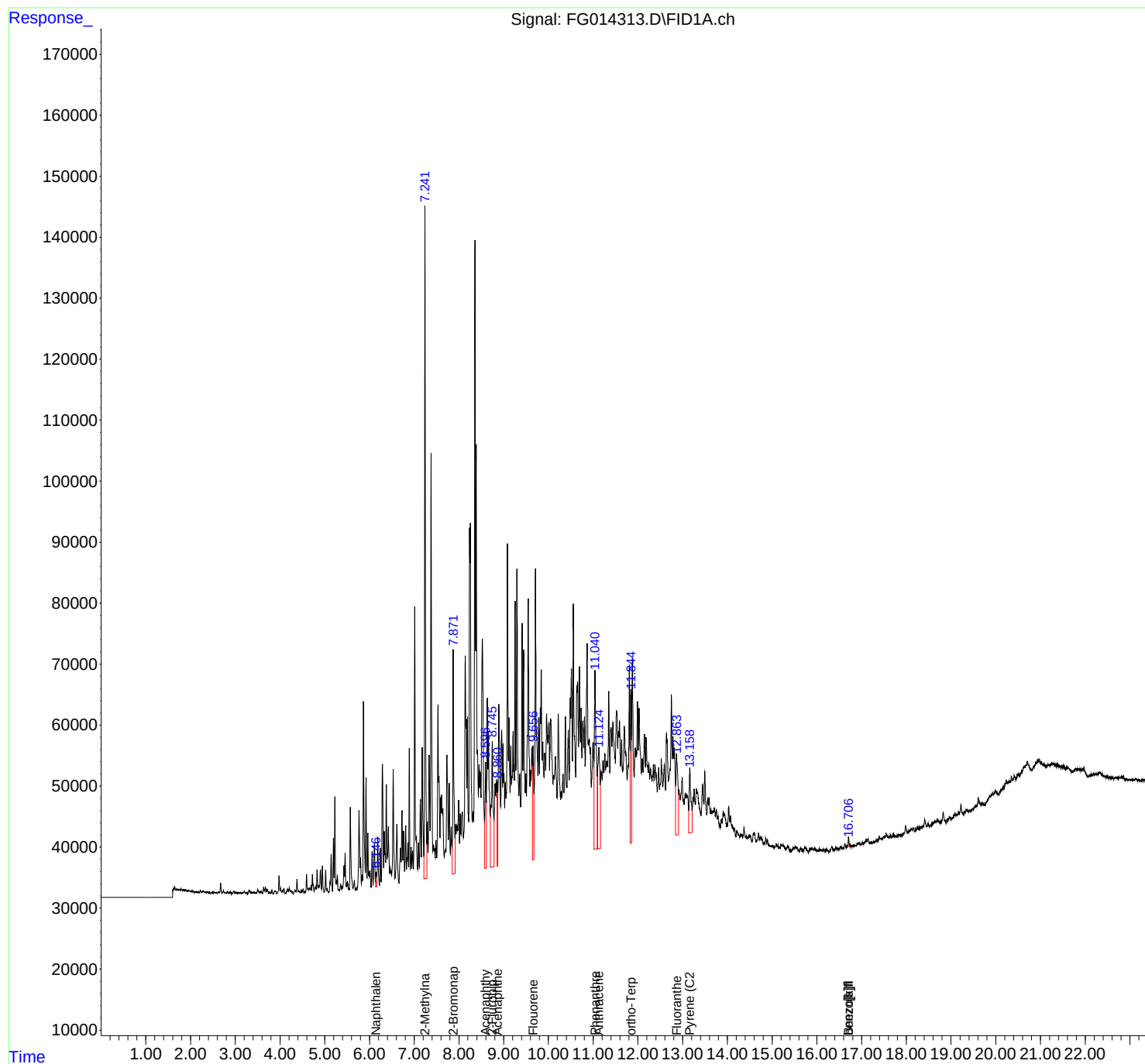
(m)=manual int.

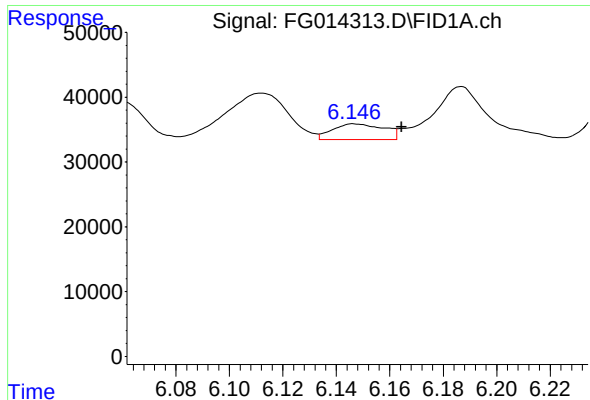
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092024AR\
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Signal Info : 20M x 0.18mm x 0.18µm

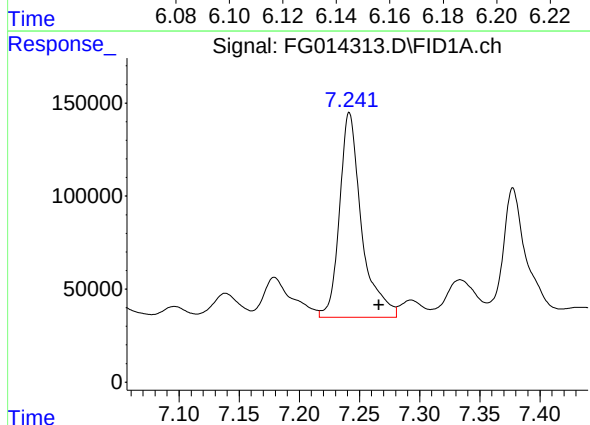




#2 Naphthalene (C11.7)

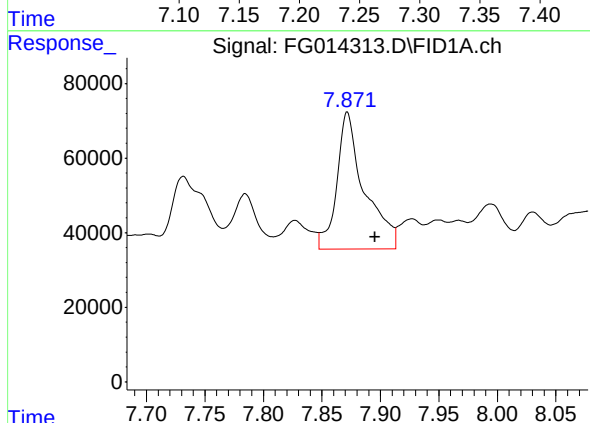
R.T.: 6.147 min
Delta R.T.: -0.017 min
Response: 32294
Conc: 0.26 ug/ml

Instrument :
FID_G
ClientSampleId :
WC-14-7.5-10A-EPH-4DL2



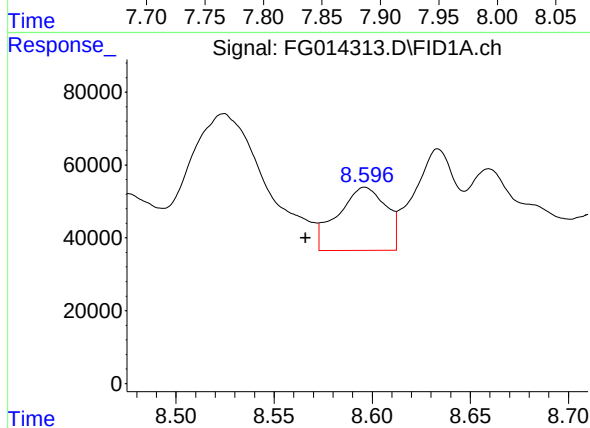
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.242 min
Delta R.T.: -0.024 min
Response: 1403068
Conc: 11.02 ug/ml



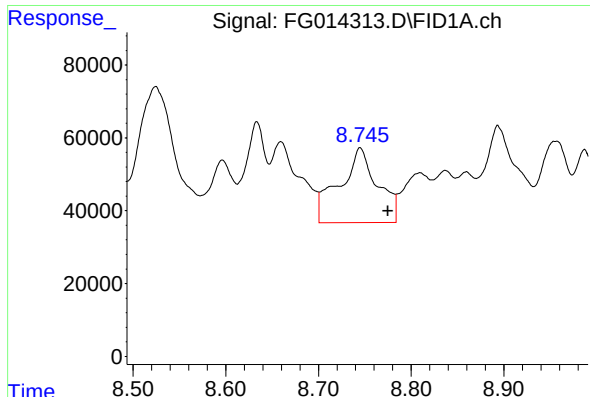
#4 2-Bromonaphthalene (SURR)

R.T.: 7.872 min
Delta R.T.: -0.023 min
Response: 599931
Conc: 5.36 ug/ml



#5 Acenaphthylene (C15.06)

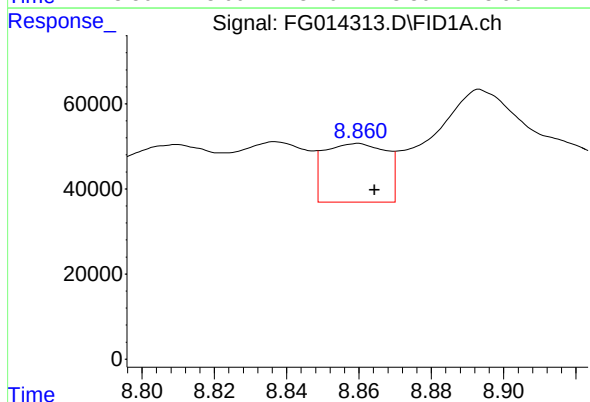
R.T.: 8.596 min
Delta R.T.: 0.030 min
Response: 297470
Conc: 2.29 ug/ml



#6 2-Fluorobiphenyl (SURR)

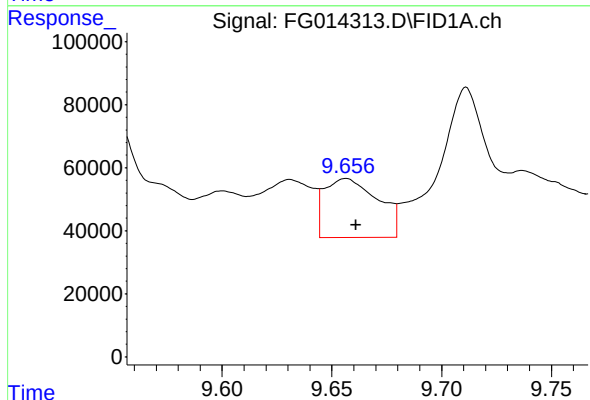
R.T.: 8.745 min
Delta R.T.: -0.030 min
Response: 586270
Conc: 8.05 ug/ml

Instrument :
FID_G
ClientSampleId :
WC-14-7.5-10A-EPH-4DL2



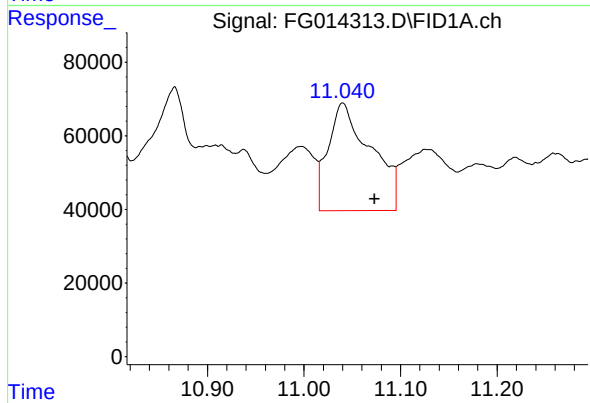
#7 Acenaphthene (C15.5)

R.T.: 8.859 min
Delta R.T.: -0.005 min
Response: 165065
Conc: 1.19 ug/ml



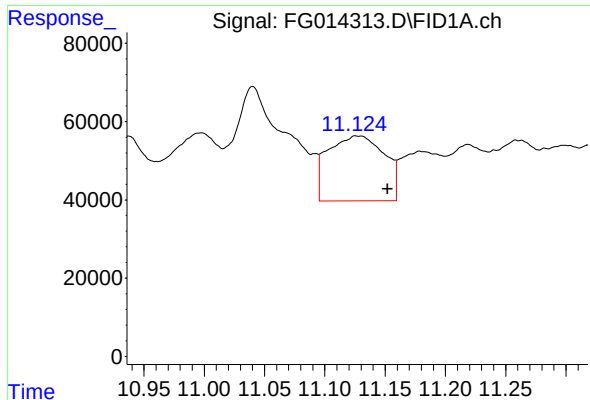
#8 Flouorene (C16.55)

R.T.: 9.656 min
Delta R.T.: -0.005 min
Response: 316948
Conc: 2.45 ug/ml



#9 Phenanthrene (C19.36)

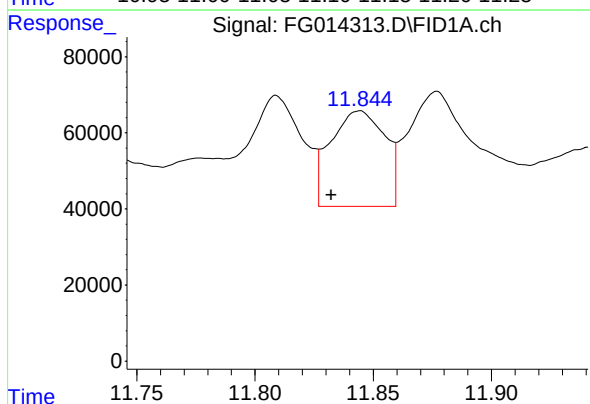
R.T.: 11.040 min
Delta R.T.: -0.033 min
Response: 899150
Conc: 7.44 ug/ml



#10 Anthracene (C19.43)

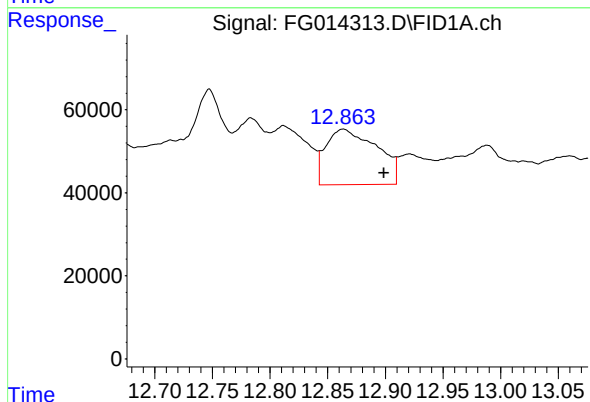
R.T.: 11.128 min
Delta R.T.: -0.024 min
Response: 538370
Conc: 3.88 ug/ml

Instrument :
FID_G
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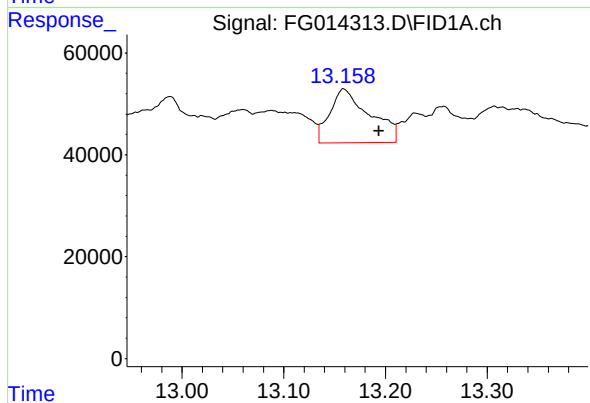
#11 ortho-Terphenyl (SURR)

R.T.: 11.844 min
Delta R.T.: 0.012 min
Response: 401047
Conc: 2.98 ug/ml



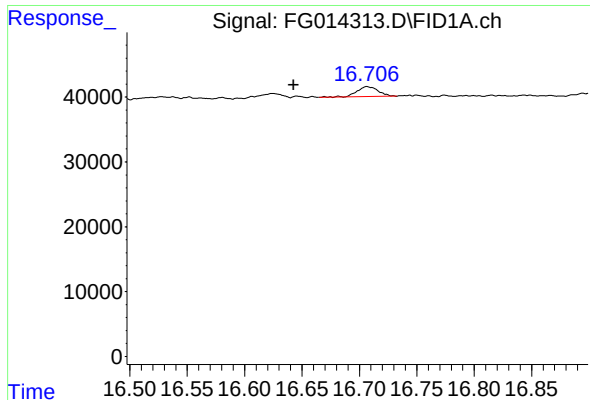
#12 Fluoranthene (C21.85)

R.T.: 12.863 min
Delta R.T.: -0.036 min
Response: 410158
Conc: 3.16 ug/ml



#13 Pyrene (C20.8)

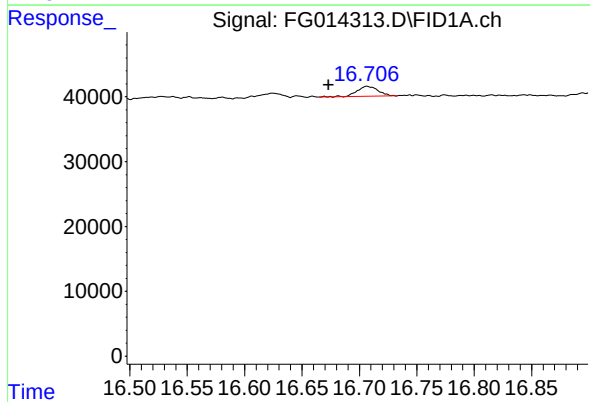
R.T.: 13.159 min
Delta R.T.: -0.034 min
Response: 288006
Conc: 2.21 ug/ml



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

R.T.: 16.708 min
Delta R.T.: 0.065 min
Response: 20085
Conc: 0.18 ug/ml

Instrument :
FID_G
ClientSampleId :
WC-14-7.5-10A-EPH-4DL2



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

R.T.: 16.708 min
Delta R.T.: 0.034 min
Response: 20085
Conc: 0.15 ug/ml