

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092024AR\
 Data File : FG014309.D
 Signal(s) : FID1A.ch
 Acq On : 20 Sep 2024 16:00
 Operator : YP\AJ
 Sample : P4104-11DL 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 WC-14-7.5-10A-EPH-1DL

Integration File: autoint1.e
 Quant Time: Sep 21 03:14:37 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	1010148	9.029 ug/ml
Spiked Amount 50.000		Recovery =	18.06%
6) S 2-Fluorobiphenyl (SURR)	8.745	814579	11.188 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	22.38%
11) S ortho-Terphenyl (SURR)	11.846	439068	3.257 ug/ml
Spiked Amount 50.000		Recovery =	6.51%
Target Compounds			
2) T Naphthalene (C11.7)	6.187	147991	1.173 ug/ml
3) T 2-Methylnaphthalene (...)	7.242	1836637	14.420 ug/ml
5) T Acenaphthylene (C15.06)	8.599	321094	2.470 ug/ml
7) T Acenaphthene (C15.5)	8.879	175552	1.268 ug/ml
8) T Flouorene (C16.55)	9.658	318691	2.459 ug/ml
9) T Phenanthrene (C19.36)	11.040	929398	7.690 ug/ml
10) T Anthracene (C19.43)	11.131	435811	3.141 ug/ml
12) T Fluoranthene (C21.85)	12.866	384938	2.969 ug/ml
13) T Pyrene (C20.8)	13.163	129765	0.994 ug/ml

(f)=RT Delta > 1/2 Window

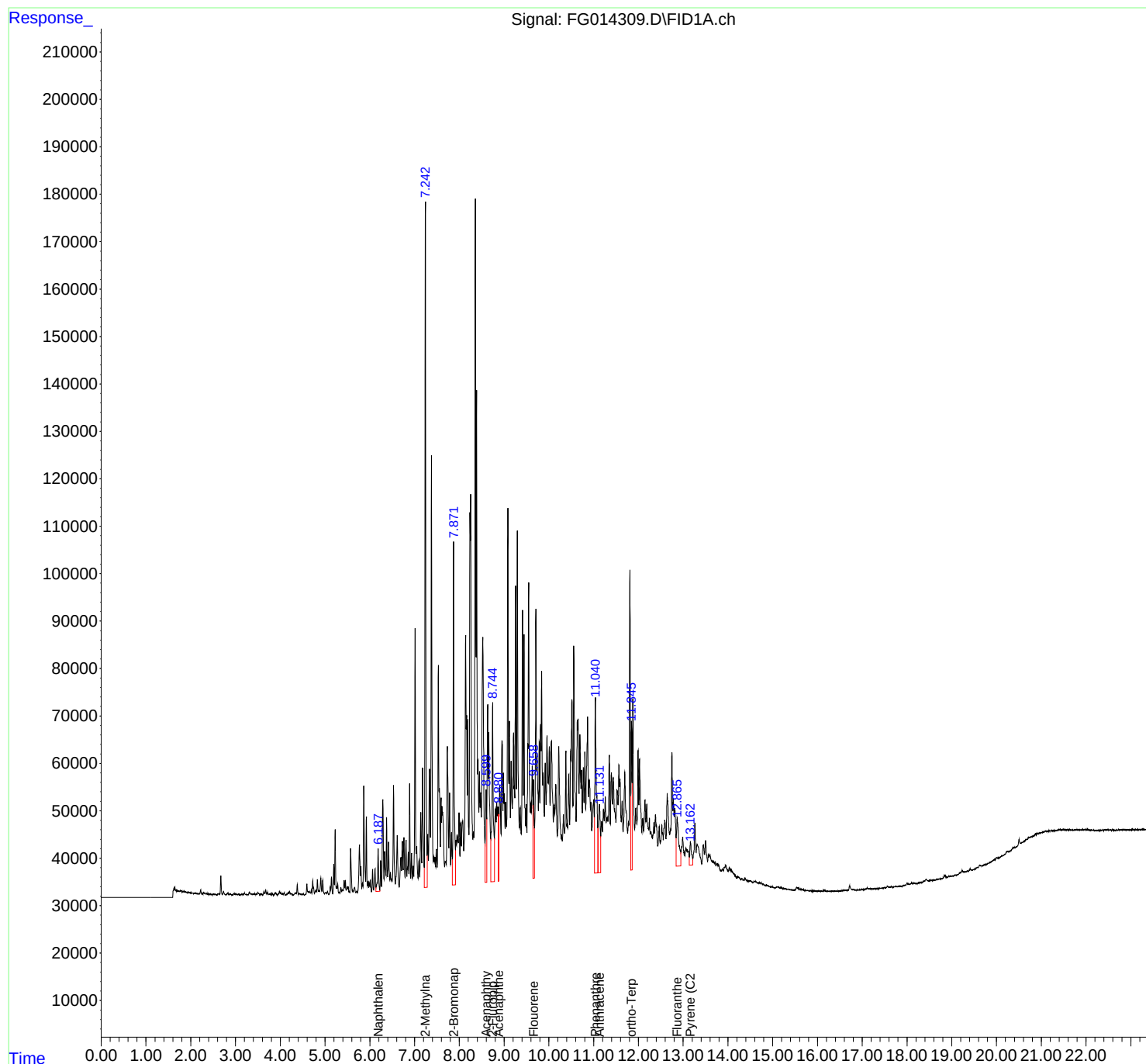
(m)=manual int.

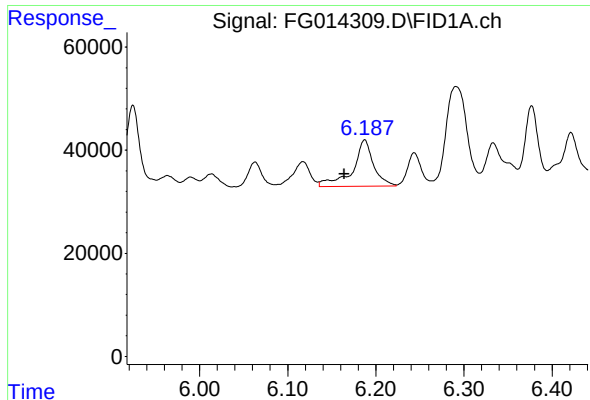
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Signal Info : 20M x 0.18mm x 0.18µm

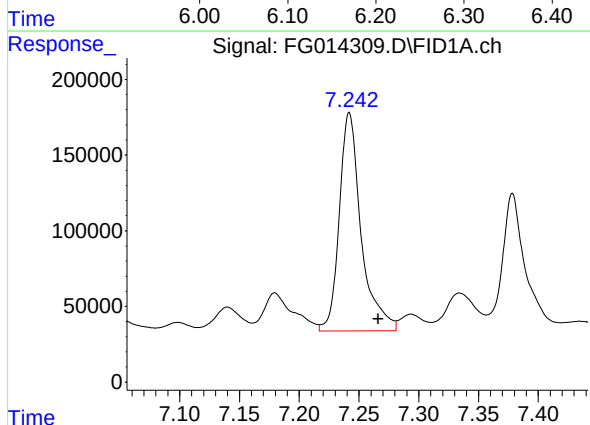




#2 Naphthalene (C11.7)

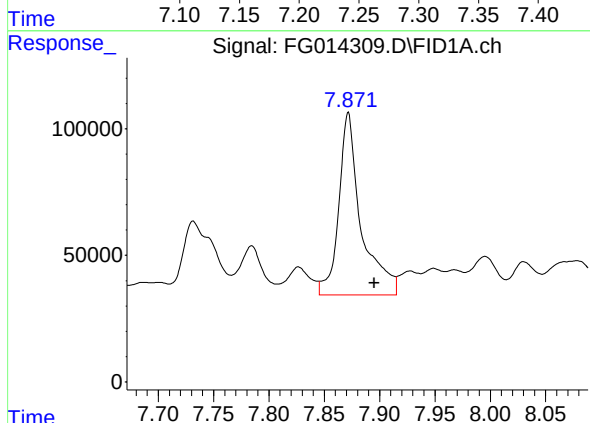
R.T.: 6.187 min
Delta R.T.: 0.023 min
Response: 147991
Conc: 1.17 ug/ml

Instrument :
FID_G
ClientSampleId :
WC-14-7.5-10A-EPH-1DL



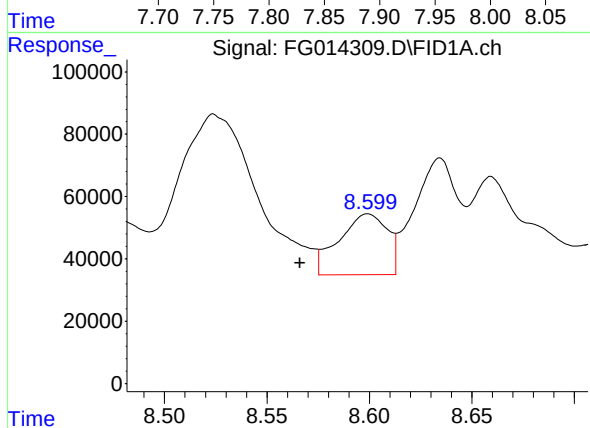
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.242 min
Delta R.T.: -0.024 min
Response: 1836637
Conc: 14.42 ug/ml



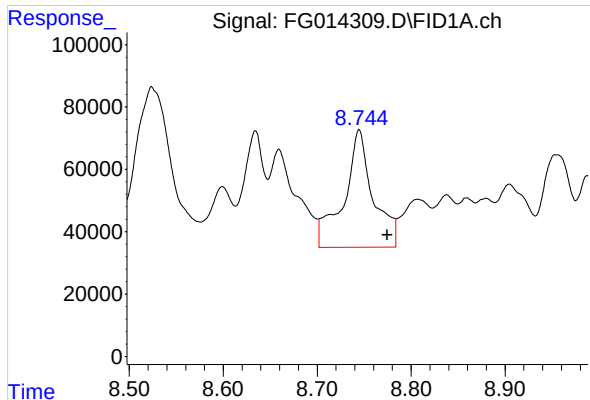
#4 2-Bromonaphthalene (SURR)

R.T.: 7.872 min
Delta R.T.: -0.024 min
Response: 1010148
Conc: 9.03 ug/ml



#5 Acenaphthylene (C15.06)

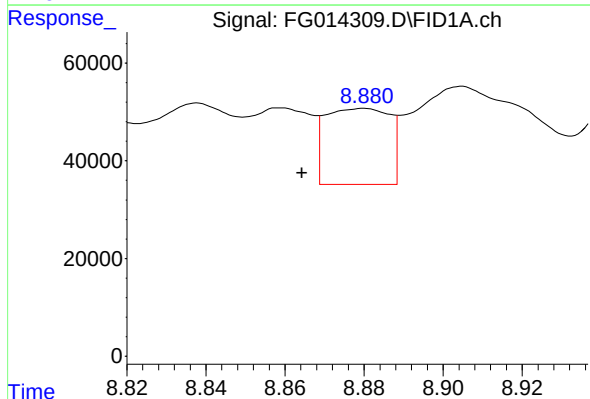
R.T.: 8.599 min
Delta R.T.: 0.033 min
Response: 321094
Conc: 2.47 ug/ml



#6 2-Fluorobiphenyl (SURR)

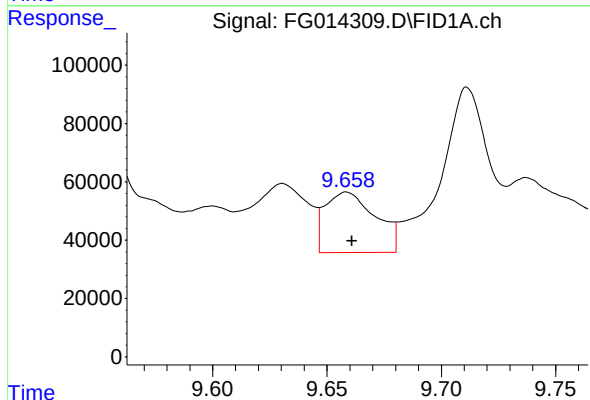
R.T.: 8.745 min
Delta R.T.: -0.030 min
Response: 814579
Conc: 11.19 ug/ml

Instrument :
FID_G
ClientSampleId :
WC-14-7.5-10A-EPH-1DL



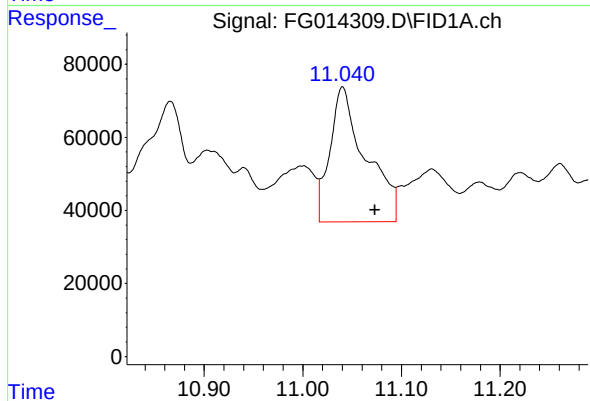
#7 Acenaphthene (C15.5)

R.T.: 8.879 min
Delta R.T.: 0.015 min
Response: 175552
Conc: 1.27 ug/ml



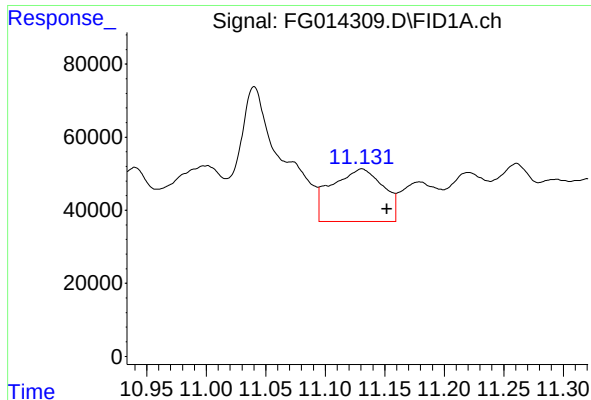
#8 Flouorene (C16.55)

R.T.: 9.658 min
Delta R.T.: -0.003 min
Response: 318691
Conc: 2.46 ug/ml



#9 Phenanthrene (C19.36)

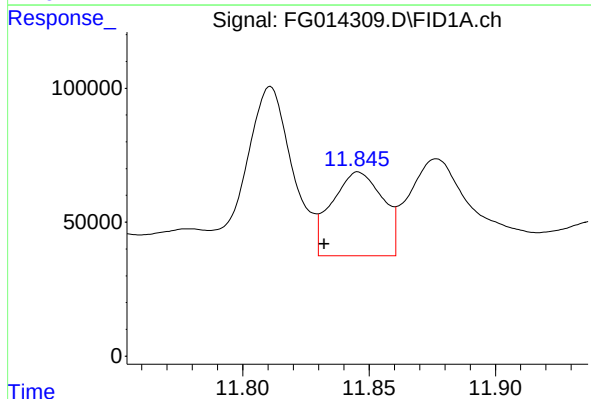
R.T.: 11.040 min
Delta R.T.: -0.033 min
Response: 929398
Conc: 7.69 ug/ml



#10 Anthracene (C19.43)

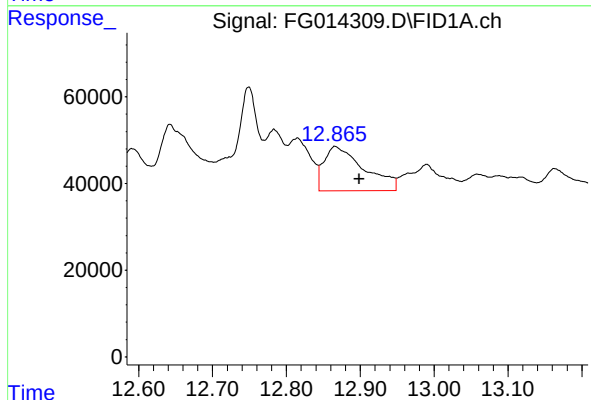
R.T.: 11.131 min
Delta R.T.: -0.021 min
Response: 435811
Conc: 3.14 ug/ml

Instrument :
FID_G
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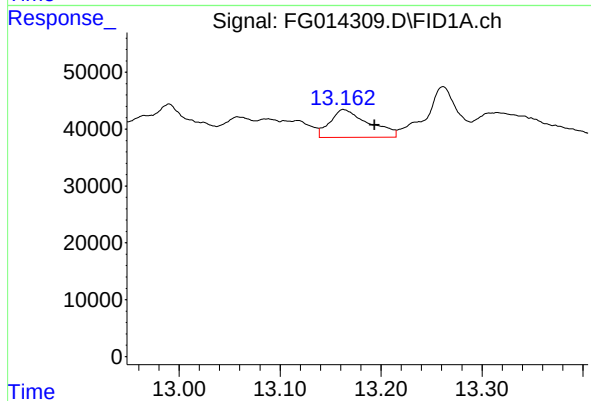
#11 ortho-Terphenyl (SURR)

R.T.: 11.846 min
Delta R.T.: 0.014 min
Response: 439068
Conc: 3.26 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.866 min
Delta R.T.: -0.033 min
Response: 384938
Conc: 2.97 ug/ml



#13 Pyrene (C20.8)

R.T.: 13.163 min
Delta R.T.: -0.030 min
Response: 129765
Conc: 0.99 ug/ml