

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092024AR\
 Data File : FG014303.D
 Signal(s) : FID1A.ch
 Acq On : 20 Sep 2024 12:06
 Operator : YP\AJ
 Sample : P4103-10DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 WC-14-7.5-10ADL

Integration File: autoint1.e
 Quant Time: Sep 21 03:13:34 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...	7.882	1490032	13.318 ug/ml
Spiked Amount 50.000		Recovery =	26.64%
6) S 2-Fluorobiphenyl (SURR)	8.756	1143667	15.708 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	31.42%
11) S ortho-Terphenyl (SURR)	11.822	1079571	8.009 ug/ml
Spiked Amount 50.000		Recovery =	16.02%
Target Compounds			
2) T Naphthalene (C11.7)	6.199	133967	1.062 ug/ml
3) T 2-Methylnaphthalene (...)	7.255	947961	7.443 ug/ml
5) T Acenaphthylene (C15.06)	8.537	1092056	8.402 ug/ml
7) T Acenaphthene (C15.5)	8.872	176141	1.272 ug/ml
8) T Fluorene (C16.55)	9.669	303896	2.344 ug/ml
9) T Phenanthrene (C19.36)	11.052	897003	7.422 ug/ml
10) T Anthracene (C19.43)	11.141	445085	3.208 ug/ml
12) T Fluoranthene (C21.85)	12.876	420235	3.242 ug/ml
13) T Pyrene (C20.8)	13.173	168567	1.291 ug/ml
17) T Bnezo[k]fluoranthene ...	16.724	32923	0.245 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.427	34244	0.346 ug/ml
20) T Dibenz[a,h]anthracene...	18.427	34244	0.233 ug/ml

(f)=RT Delta > 1/2 Window

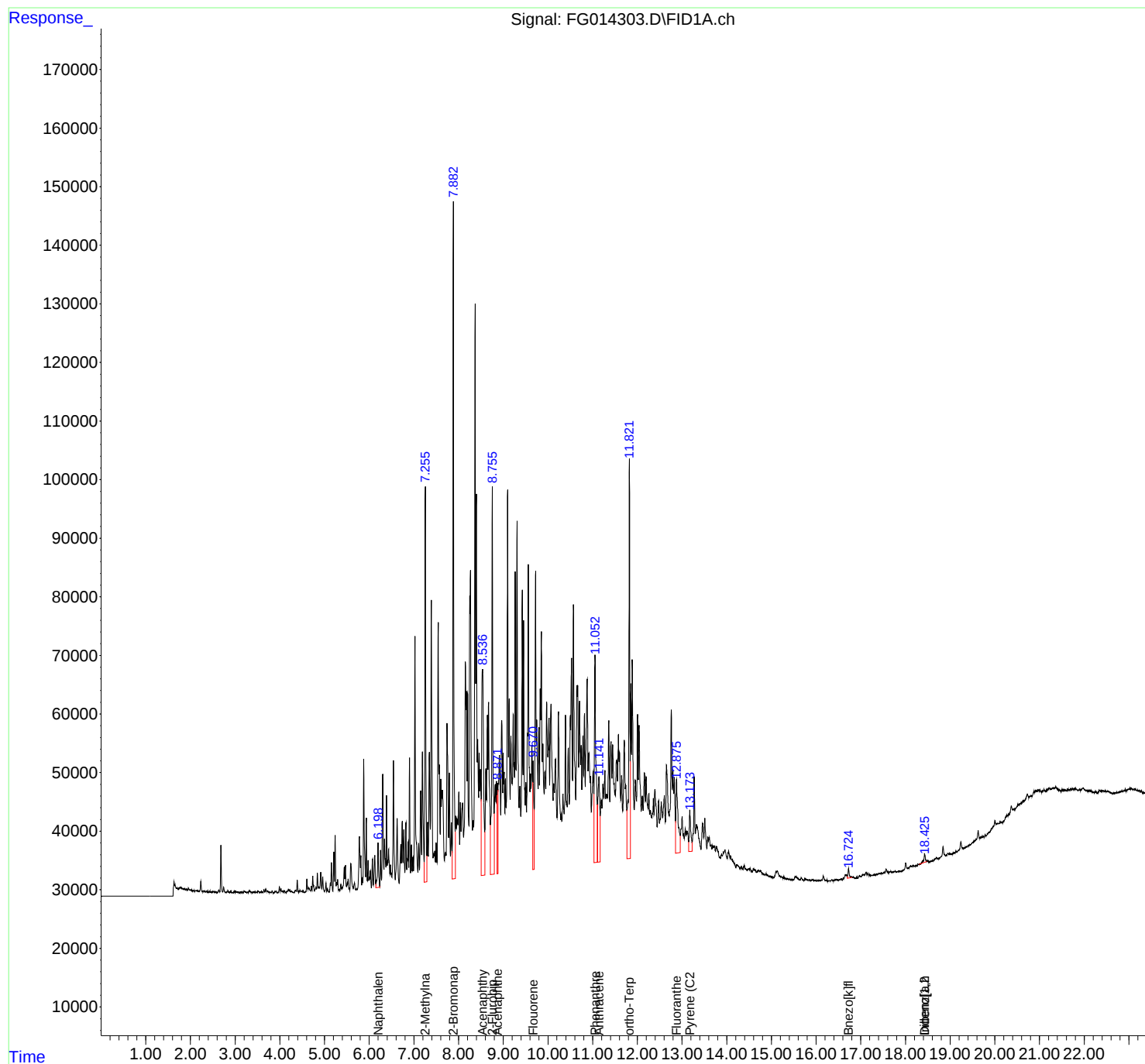
(m)=manual int.

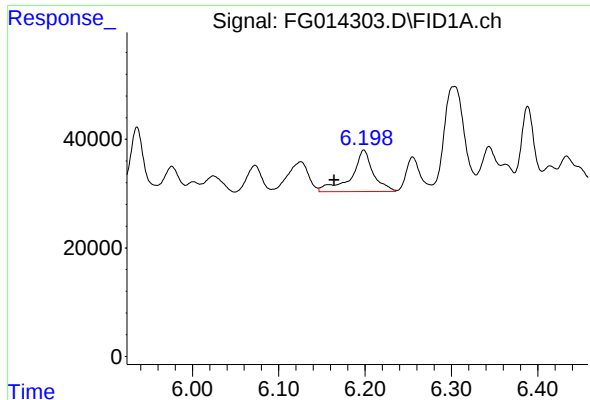
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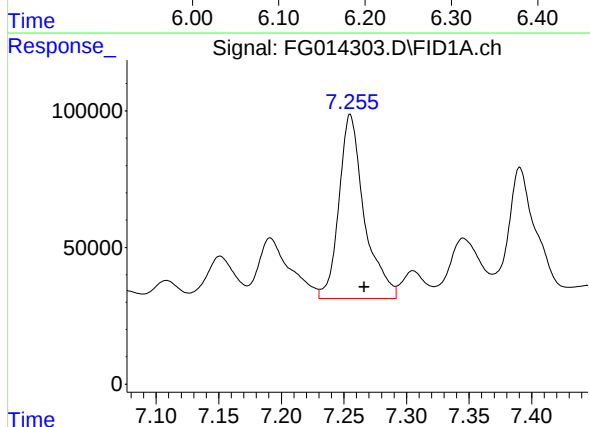




#2 Naphthalene (C11.7)

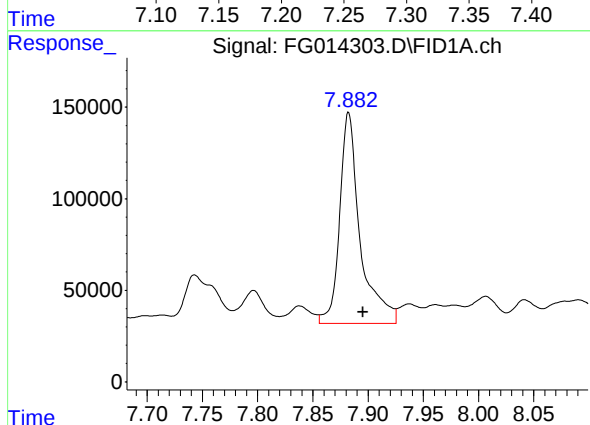
R.T.: 6.199 min
Delta R.T.: 0.034 min
Response: 133967
Conc: 1.06 ug/ml

Instrument :
FID_G
ClientSampleId :
WC-14-7.5-10ADL



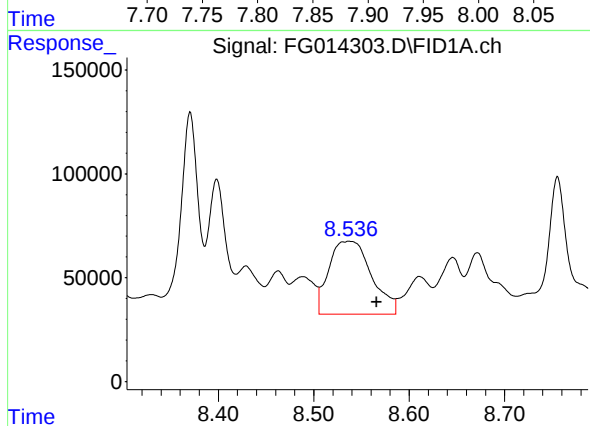
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.255 min
Delta R.T.: -0.011 min
Response: 947961
Conc: 7.44 ug/ml



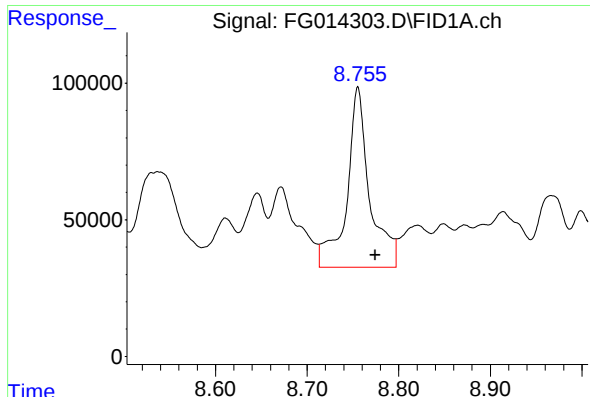
#4 2-Bromonaphthalene (SURR)

R.T.: 7.882 min
Delta R.T.: -0.013 min
Response: 1490032
Conc: 13.32 ug/ml



#5 Acenaphthylene (C15.06)

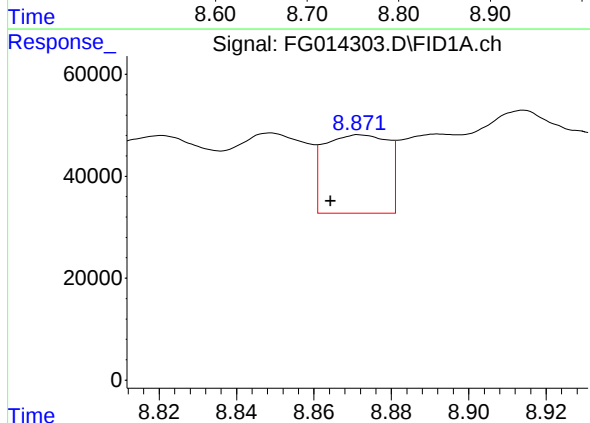
R.T.: 8.537 min
Delta R.T.: -0.029 min
Response: 1092056
Conc: 8.40 ug/ml



#6 2-Fluorobiphenyl (SURR)

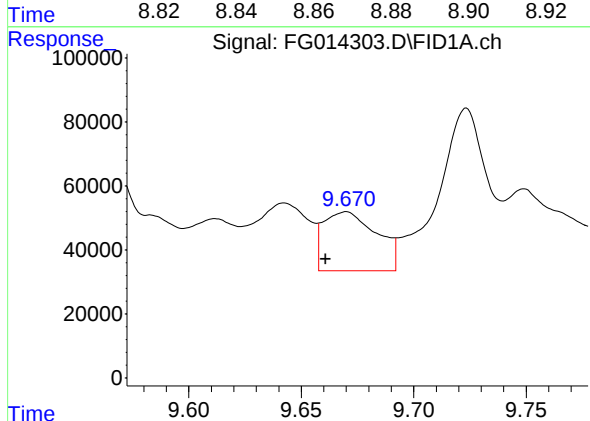
R.T.: 8.756 min
Delta R.T.: -0.019 min
Response: 1143667
Conc: 15.71 ug/ml

Instrument :
FID_G
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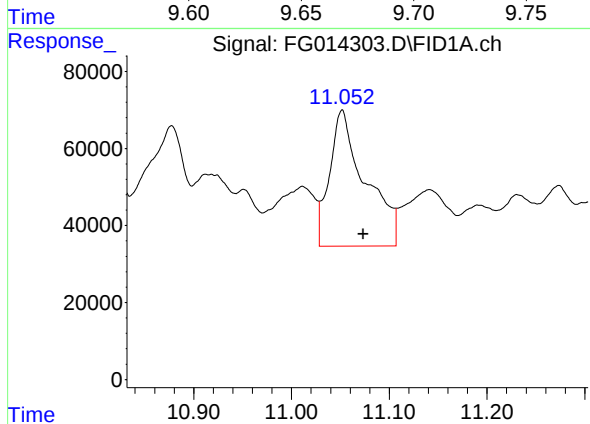
#7 Acenaphthene (C15.5)

R.T.: 8.872 min
Delta R.T.: 0.008 min
Response: 176141
Conc: 1.27 ug/ml



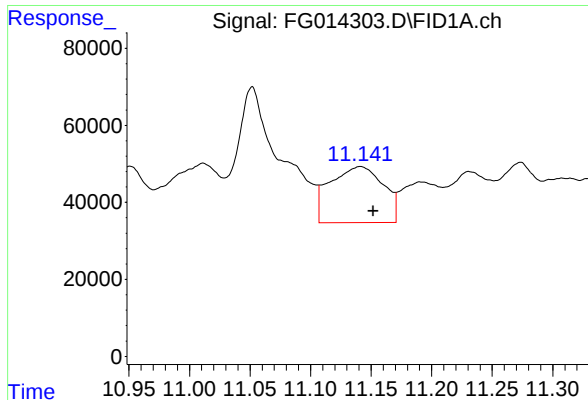
#8 Flouorene (C16.55)

R.T.: 9.669 min
Delta R.T.: 0.008 min
Response: 303896
Conc: 2.34 ug/ml



#9 Phenanthrene (C19.36)

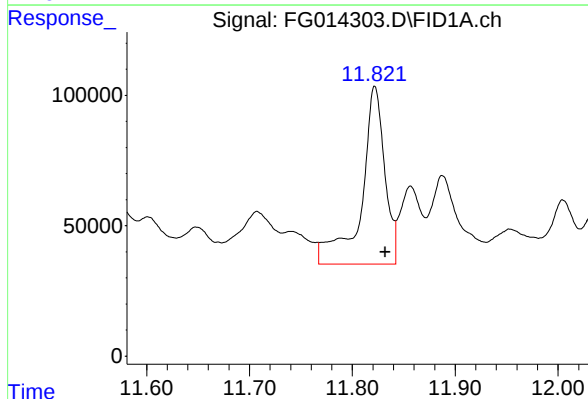
R.T.: 11.052 min
Delta R.T.: -0.022 min
Response: 897003
Conc: 7.42 ug/ml



#10 Anthracene (C19.43)

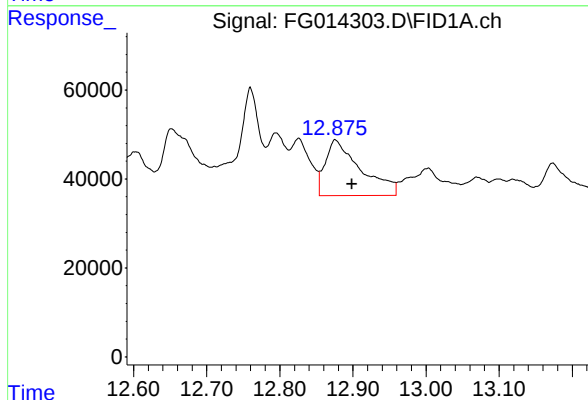
R.T.: 11.141 min
Delta R.T.: -0.011 min
Response: 445085
Conc: 3.21 ug/ml

Instrument :
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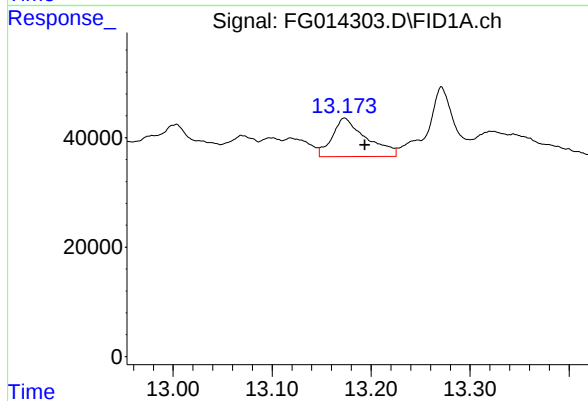
#11 ortho-Terphenyl (SURR)

R.T.: 11.822 min
Delta R.T.: -0.010 min
Response: 1079571
Conc: 8.01 ug/ml



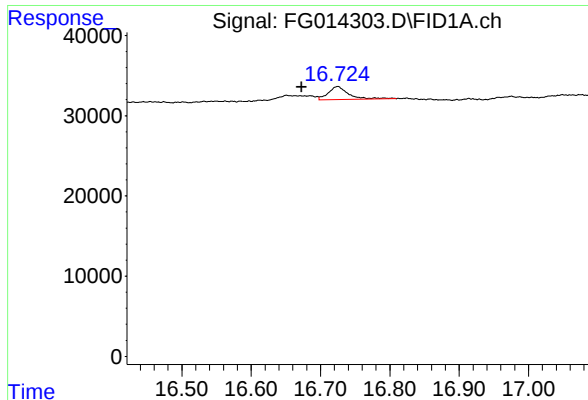
#12 Fluoranthene (C21.85)

R.T.: 12.876 min
Delta R.T.: -0.023 min
Response: 420235
Conc: 3.24 ug/ml



#13 Pyrene (C20.8)

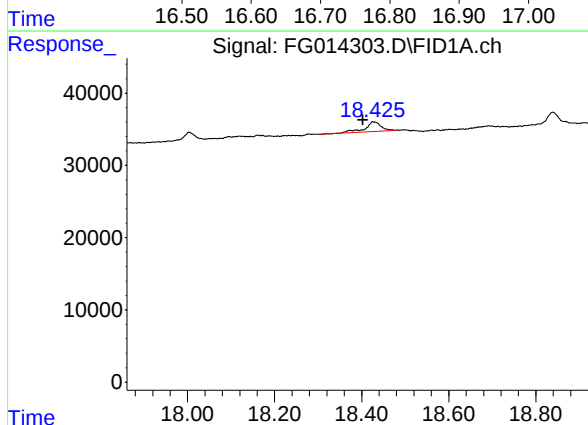
R.T.: 13.173 min
Delta R.T.: -0.020 min
Response: 168567
Conc: 1.29 ug/ml



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

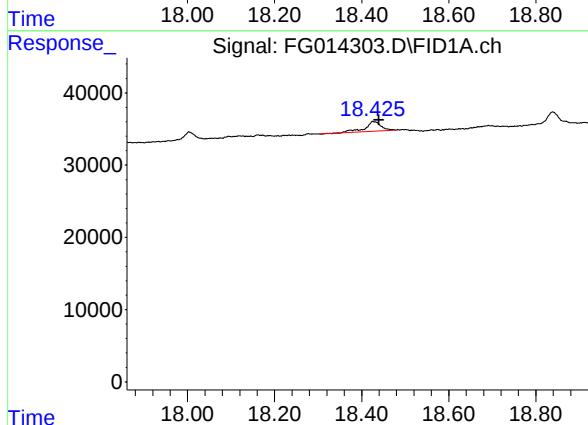
R.T.: 16.724 min
Delta R.T.: 0.051 min
Response: 32923
Conc: 0.24 ug/ml

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

R.T.: 18.427 min
Delta R.T.: 0.024 min
Response: 34244
Conc: 0.35 ug/ml



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

R.T.: 18.427 min
Delta R.T.: -0.012 min
Response: 34244
Conc: 0.23 ug/ml