

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092324AR\
 Data File : FG014333.D
 Signal(s) : FID1A.ch
 Acq On : 23 Sep 2024 11:46
 Operator : YP\AJ
 Sample : P4104-18DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 24 01:30:51 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...	7.869	1062573	9.498 ug/ml
Spiked Amount 50.000		Recovery =	19.00%
6) S 2-Fluorobiphenyl (SURR)	8.806	193946	2.664 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	5.33%
11) S ortho-Terphenyl (SURR)	11.842	309772	2.298 ug/ml
Spiked Amount 50.000		Recovery =	4.60%
Target Compounds			
3) T 2-Methylnaphthalene (...)	7.246	179496	1.409 ug/ml
5) T Acenaphthylene (C15.06)	8.535	322566	2.482 ug/ml
7) T Acenaphthene (C15.5)	8.857	246319	1.779 ug/ml
8) T Flouorene (C16.55)	9.657	222972	1.720 ug/ml
9) T Phenanthrene (C19.36)	11.038	636472	5.266 ug/ml
10) T Anthracene (C19.43)	11.175	149603	1.078 ug/ml
12) T Fluoranthene (C21.85)	12.861	297738	2.297 ug/ml
13) T Pyrene (C20.8)	13.156	112389	0.861 ug/ml
16) T benzo[b]fluoranthene ...	16.707f	40762	0.356 ug/ml
17) T Bnezo[k]fluoranthene ...	16.707	40762	0.303 ug/ml

(f)=RT Delta > 1/2 Window

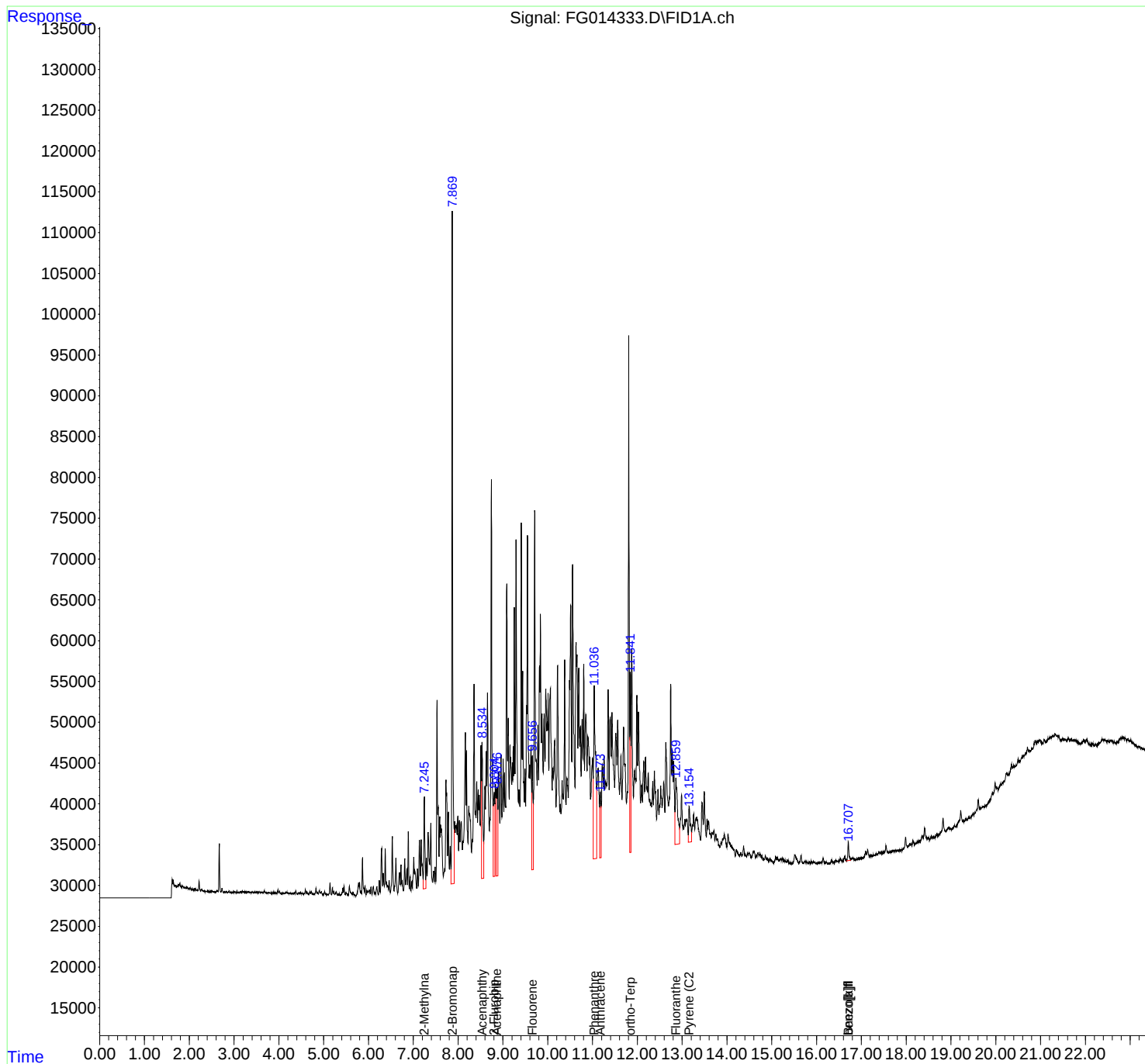
(m)=manual int.

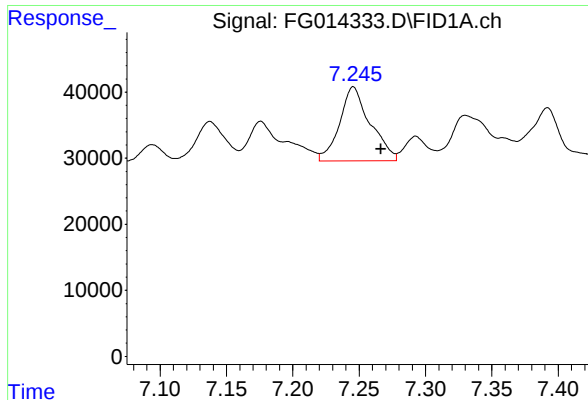
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Signal Info : 20M x 0.18mm x 0.18µm

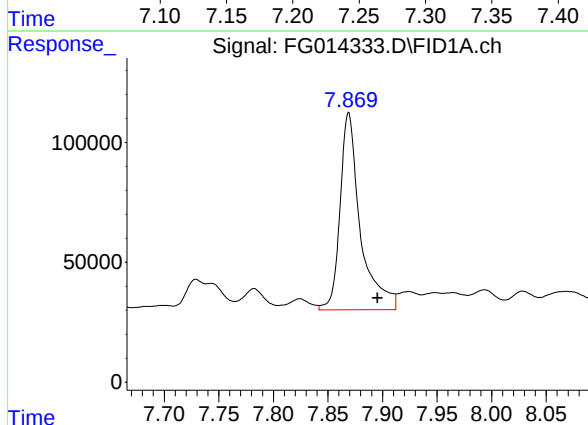




#3 2-Methylnaphthalene (C12.89)

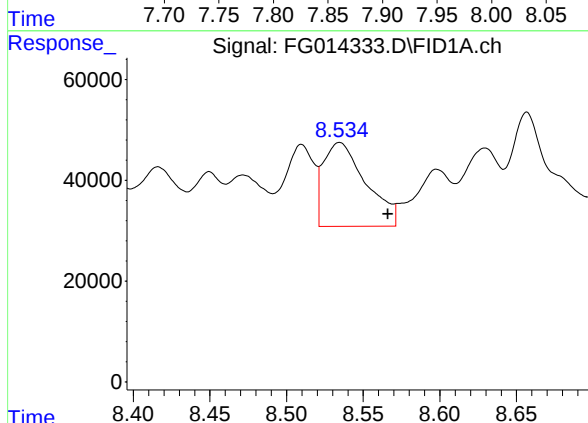
R.T.: 7.246 min
Delta R.T.: -0.021 min
Response: 179496
Conc: 1.41 ug/ml

Instrument :
FID_G
ClientSampleId :



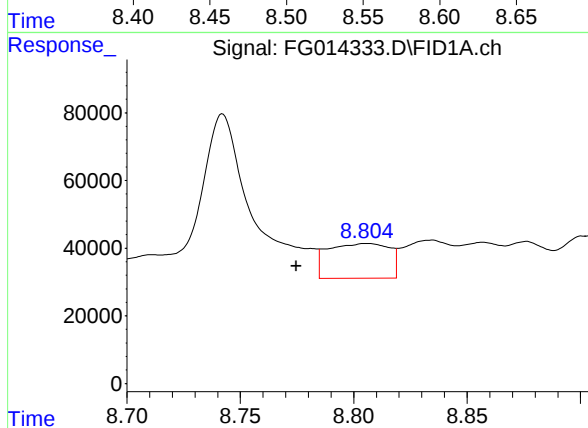
#4 2-Bromonaphthalene (SURR)

R.T.: 7.869 min
Delta R.T.: -0.026 min
Response: 1062573
Conc: 9.50 ug/ml



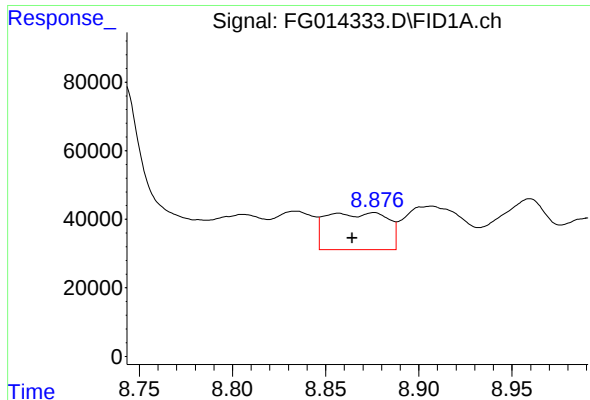
#5 Acenaphthylene (C15.06)

R.T.: 8.535 min
Delta R.T.: -0.032 min
Response: 322566
Conc: 2.48 ug/ml



#6 2-Fluorobiphenyl (SURR)

R.T.: 8.806 min
Delta R.T.: 0.031 min
Response: 193946
Conc: 2.66 ug/ml



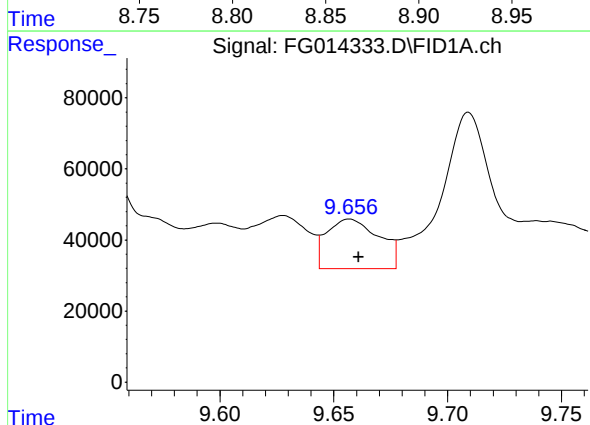
#7 Acenaphthene (C15.5)

R.T.: 8.857 min
Delta R.T.: -0.007 min
Response: 246319
Conc: 1.78 ug/ml

Instrument :

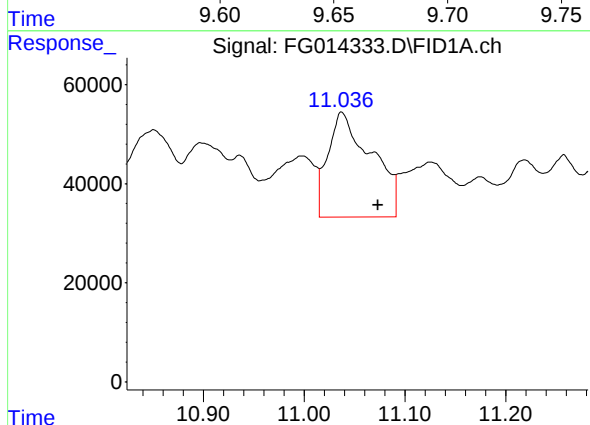
FID_G

ClientSampleId :



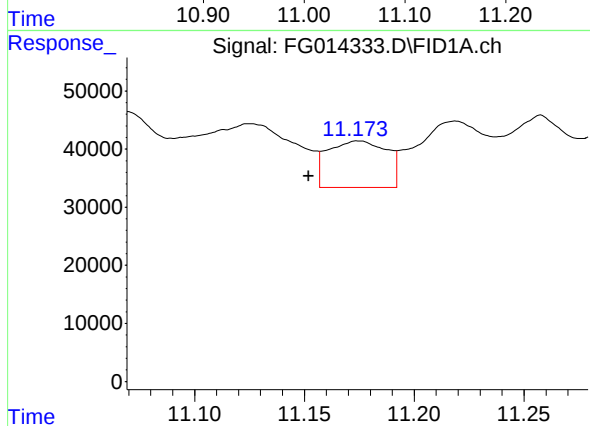
#8 Fluorene (C16.55)

R.T.: 9.657 min
Delta R.T.: -0.004 min
Response: 222972
Conc: 1.72 ug/ml



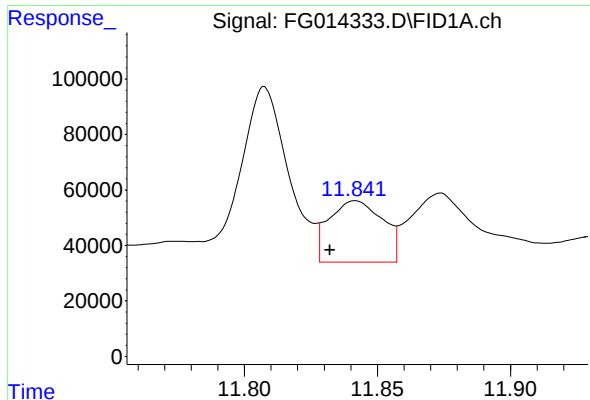
#9 Phenanthrene (C19.36)

R.T.: 11.038 min
Delta R.T.: -0.036 min
Response: 636472
Conc: 5.27 ug/ml



#10 Anthracene (C19.43)

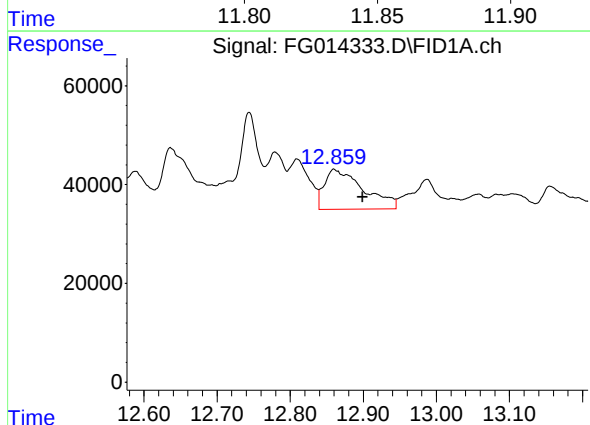
R.T.: 11.175 min
Delta R.T.: 0.023 min
Response: 149603
Conc: 1.08 ug/ml



#11 ortho-Terphenyl (SURR)

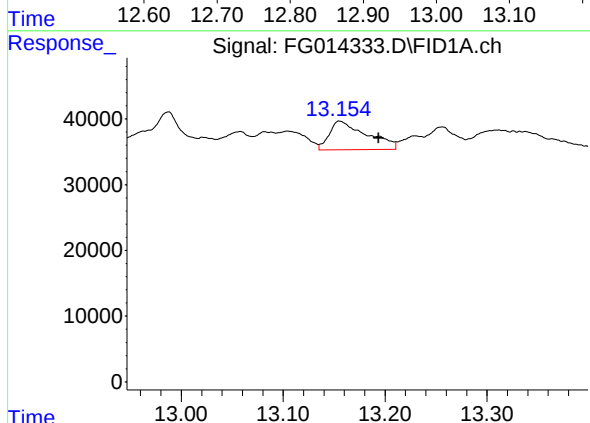
R.T.: 11.842 min
Delta R.T.: 0.010 min
Response: 309772
Conc: 2.30 ug/ml

Instrument :
FID_G
ClientSampleId :



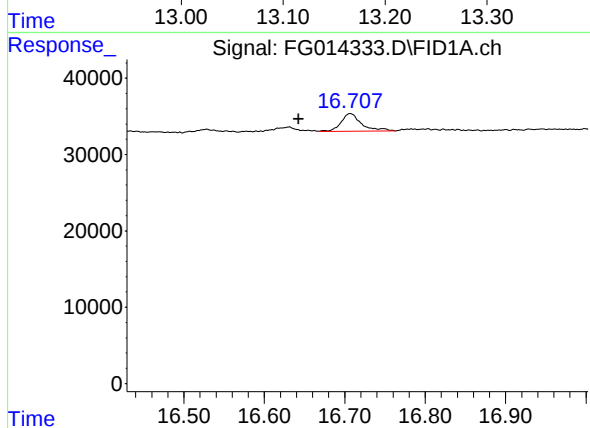
#12 Fluoranthene (C21.85)

R.T.: 12.861 min
Delta R.T.: -0.038 min
Response: 297738
Conc: 2.30 ug/ml



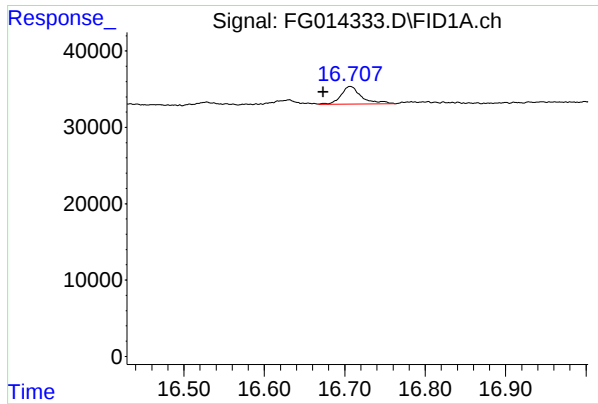
#13 Pyrene (C20.8)

R.T.: 13.156 min
Delta R.T.: -0.038 min
Response: 112389
Conc: 0.86 ug/ml



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

R.T.: 16.707 min
Delta R.T.: 0.064 min
Response: 40762
Conc: 0.36 ug/ml



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

R.T.: 16.707 min

Delta R.T.: 0.034 min

Response: 40762

Conc: 0.30 ug/ml

Instrument :

FID_G

ClientSampleId :