

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092324AR\
 Data File : FG014339.D
 Signal(s) : FID1A.ch
 Acq On : 23 Sep 2024 15:39
 Operator : YP\AJ
 Sample : P4104-29DL 20X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 24 01:32:20 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	591526	5.287 ug/ml
Spiked Amount 50.000		Recovery =	10.57%
6) S 2-Fluorobiphenyl (SURR)	8.806	525306	7.215 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	14.43%
11) S ortho-Terphenyl (SURR)	11.840	246101	1.826 ug/ml
Spiked Amount 50.000		Recovery =	3.65%
Target Compounds			
2) T Naphthalene (C11.7)	6.187	66959	0.531 ug/ml
3) T 2-Methylnaphthalene (...)	7.293	81568	0.640 ug/ml
5) T Acenaphthylene (C15.06)	8.593	366406	2.819 ug/ml
7) T Acenaphthene (C15.5)	8.857	299782	2.165 ug/ml
8) T Flouorene (C16.55)	9.655	408159	3.149 ug/ml
9) T Phenanthrene (C19.36)	11.038	655321	5.422 ug/ml
10) T Anthracene (C19.43)	11.175	285986	2.061 ug/ml
12) T Fluoranthene (C21.85)	12.861	301003	2.322 ug/ml
13) T Pyrene (C20.8)	13.158	150294	1.151 ug/ml
16) T benzo[b]fluoranthene ...	16.705f	40973	0.357 ug/ml
17) T Bnezo[k]fluoranthene ...	16.705	40973	0.305 ug/ml

(f)=RT Delta > 1/2 Window

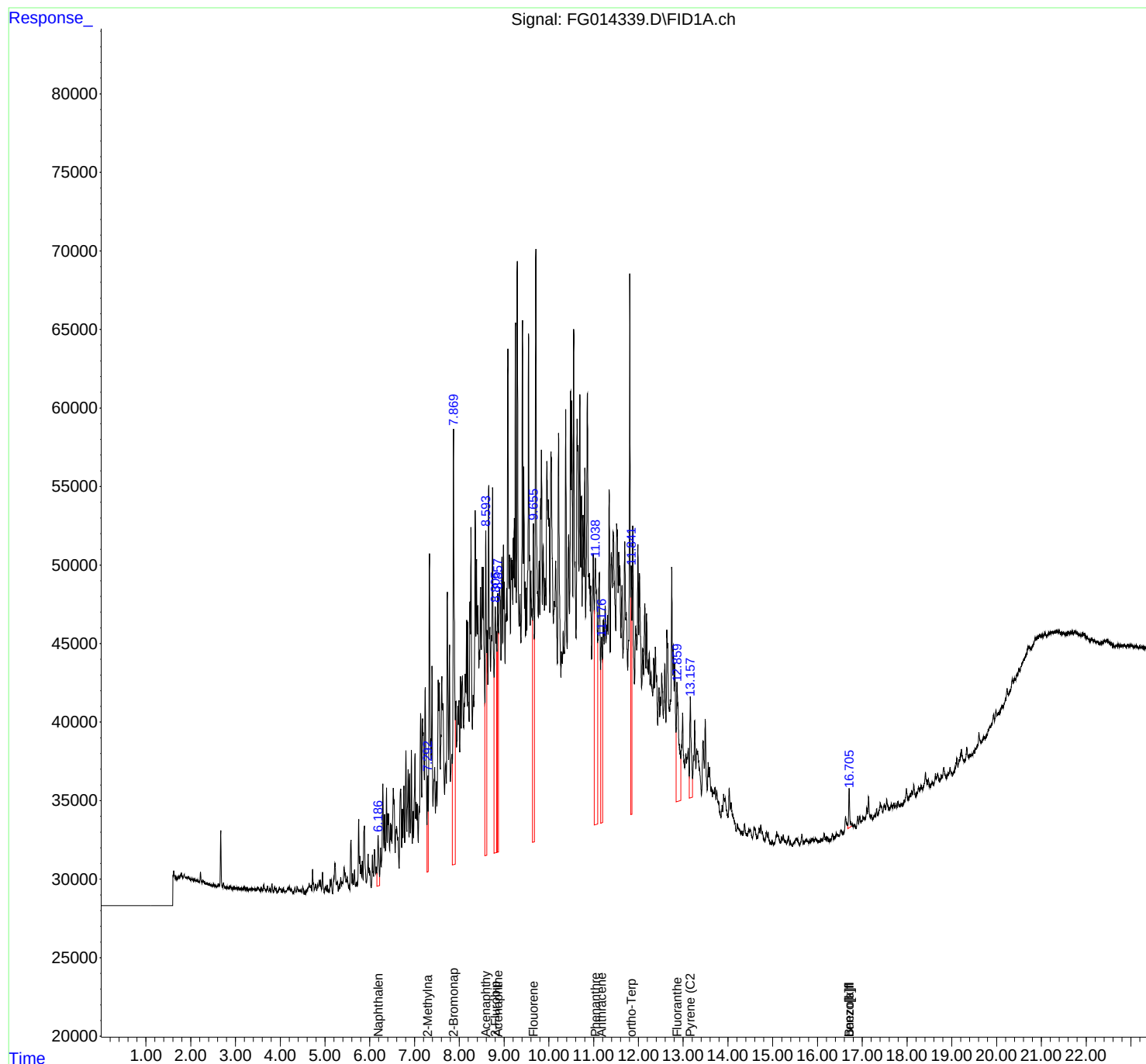
(m)=manual int.

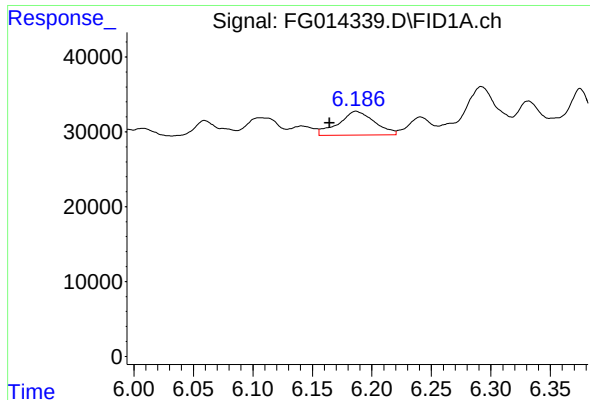
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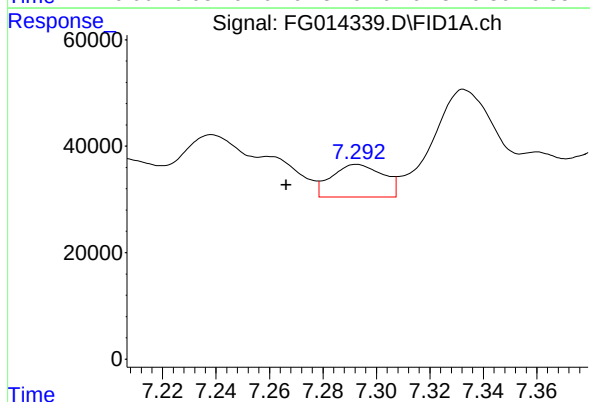




#2 Naphthalene (C11.7)

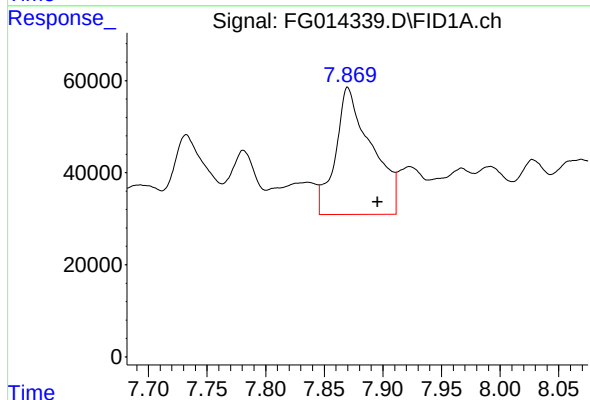
R.T.: 6.187 min
Delta R.T.: 0.023 min
Response: 66959
Conc: 0.53 ug/ml

Instrument :
FID_G
ClientSampleId :



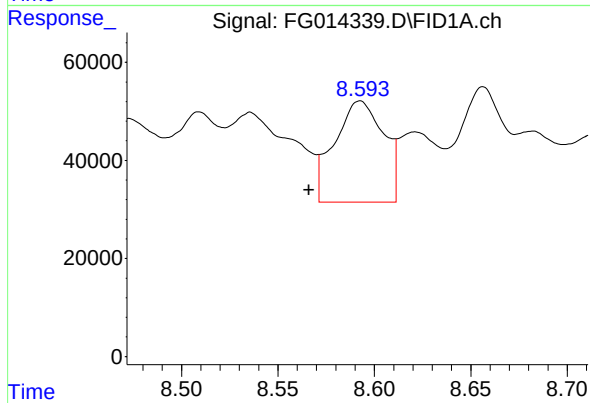
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.293 min
Delta R.T.: 0.027 min
Response: 81568
Conc: 0.64 ug/ml



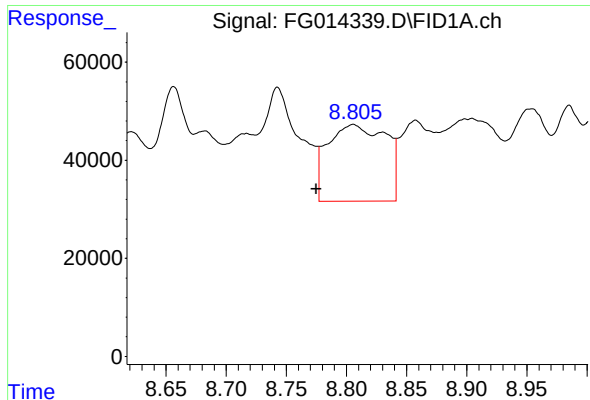
#4 2-Bromonaphthalene (SURR)

R.T.: 7.871 min
Delta R.T.: -0.025 min
Response: 591526
Conc: 5.29 ug/ml



#5 Acenaphthylene (C15.06)

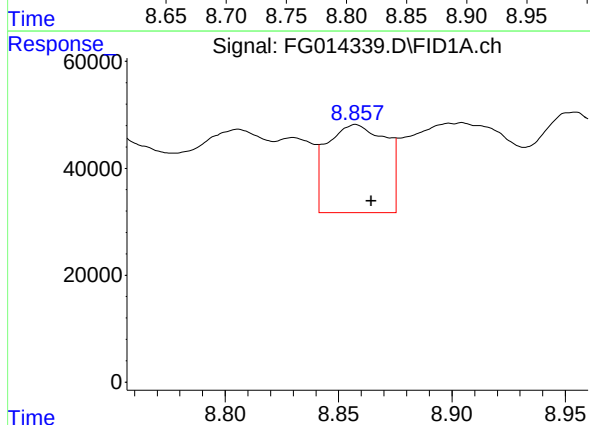
R.T.: 8.593 min
Delta R.T.: 0.027 min
Response: 366406
Conc: 2.82 ug/ml



#6 2-Fluorobiphenyl (SURR)

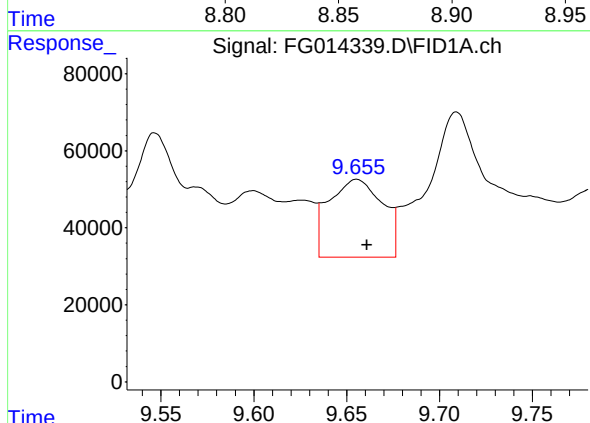
R.T.: 8.806 min
Delta R.T.: 0.031 min
Response: 525306
Conc: 7.22 ug/ml

Instrument :
FID_G
ClientSampleId :



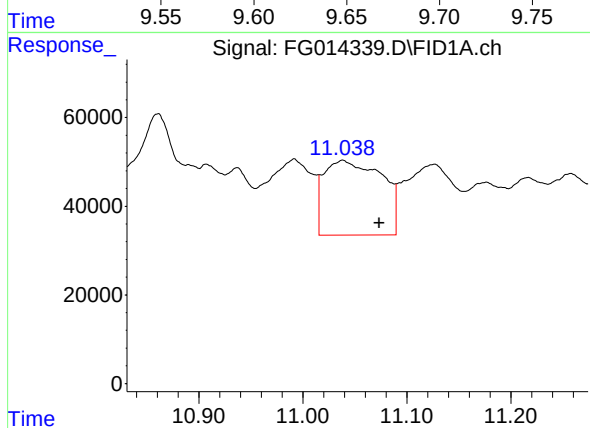
#7 Acenaphthene (C15.5)

R.T.: 8.857 min
Delta R.T.: -0.007 min
Response: 299782
Conc: 2.16 ug/ml



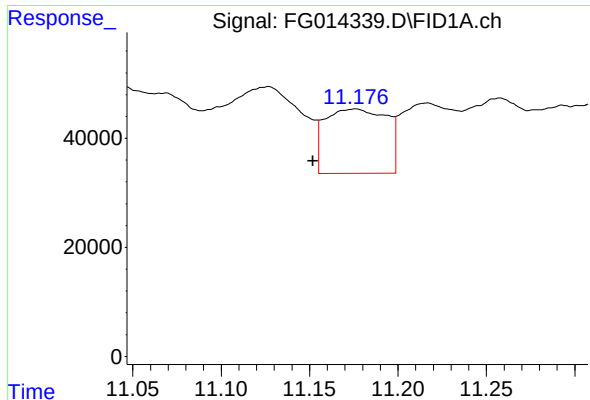
#8 Flouorene (C16.55)

R.T.: 9.655 min
Delta R.T.: -0.005 min
Response: 408159
Conc: 3.15 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 11.038 min
Delta R.T.: -0.035 min
Response: 655321
Conc: 5.42 ug/ml



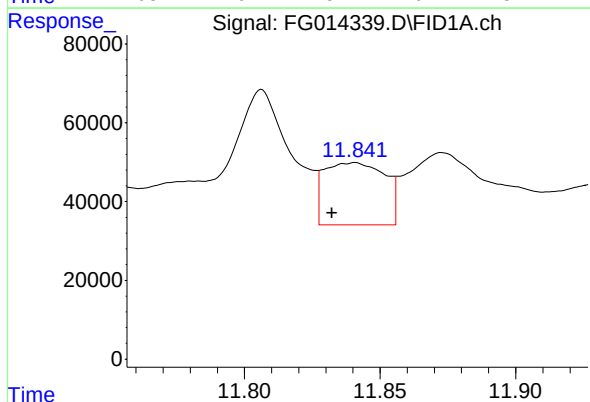
#10 Anthracene (C19.43)

R.T.: 11.175 min
Delta R.T.: 0.023 min
Response: 285986
Conc: 2.06 ug/ml

Instrument :

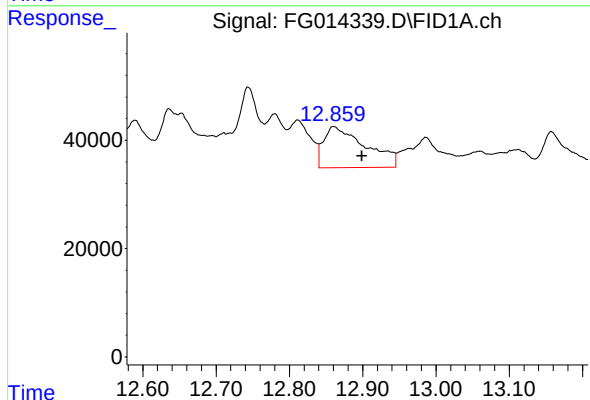
FID_G

ClientSampleId :



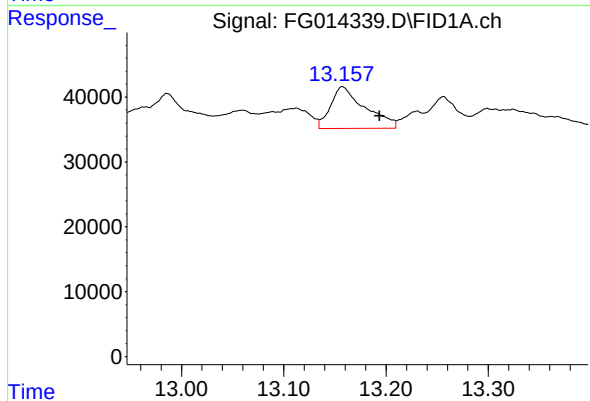
#11 ortho-Terphenyl (SURR)

R.T.: 11.840 min
Delta R.T.: 0.008 min
Response: 246101
Conc: 1.83 ug/ml



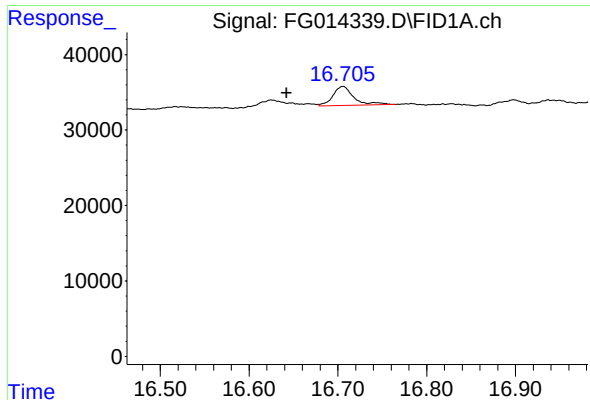
#12 Fluoranthene (C21.85)

R.T.: 12.861 min
Delta R.T.: -0.038 min
Response: 301003
Conc: 2.32 ug/ml



#13 Pyrene (C20.8)

R.T.: 13.158 min
Delta R.T.: -0.036 min
Response: 150294
Conc: 1.15 ug/ml



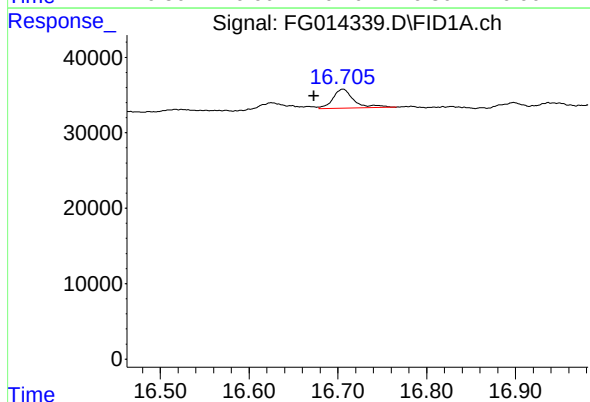
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.705 min
Delta R.T.: 0.063 min
Response: 40973
Conc: 0.36 ug/ml

Instrument :

FID_G

ClientSampleId :



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

R.T.: 16.705 min
Delta R.T.: 0.032 min
Response: 40973
Conc: 0.30 ug/ml