

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092324AR\
 Data File : FG014334.D
 Signal(s) : FID1A.ch
 Acq On : 23 Sep 2024 12:15
 Operator : YP\AJ
 Sample : P4104-24DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 24 01:31:03 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	2562928	22.908 ug/ml
Spiked Amount 50.000		Recovery =	45.82%
6) S 2-Fluorobiphenyl (SURR)	8.799	541347	7.435 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	14.87%
11) S ortho-Terphenyl (SURR)	11.807	963257	7.146 ug/ml
Spiked Amount 50.000		Recovery =	14.29%
Target Compounds			
2) T Naphthalene (C11.7)	6.187	175730	1.393 ug/ml
3) T 2-Methylnaphthalene (...)	7.238	621517	4.880 ug/ml
5) T Acenaphthylene (C15.06)	8.592	855236	6.580 ug/ml
7) T Acenaphthene (C15.5)	8.857	638644	4.612 ug/ml
8) T Fluorene (C16.55)	9.653	505213	3.898 ug/ml
9) T Phenanthrene (C19.36)	11.042	262192	2.169 ug/ml
10) T Anthracene (C19.43)	11.125	265491	1.914 ug/ml
12) T Fluoranthene (C21.85)	12.864	145178	1.120 ug/ml
13) T Pyrene (C20.8)	13.162	53715	0.411 ug/ml
16) T benzo[b]fluoranthene ...	16.705f	208733	1.821 ug/ml
17) T Bnezo[k]fluoranthene ...	16.705	208733	1.552 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.408	29732	0.301 ug/ml
20) T Dibenz[a,h]anthracene...	18.408	29732	0.202 ug/ml

(f)=RT Delta > 1/2 Window

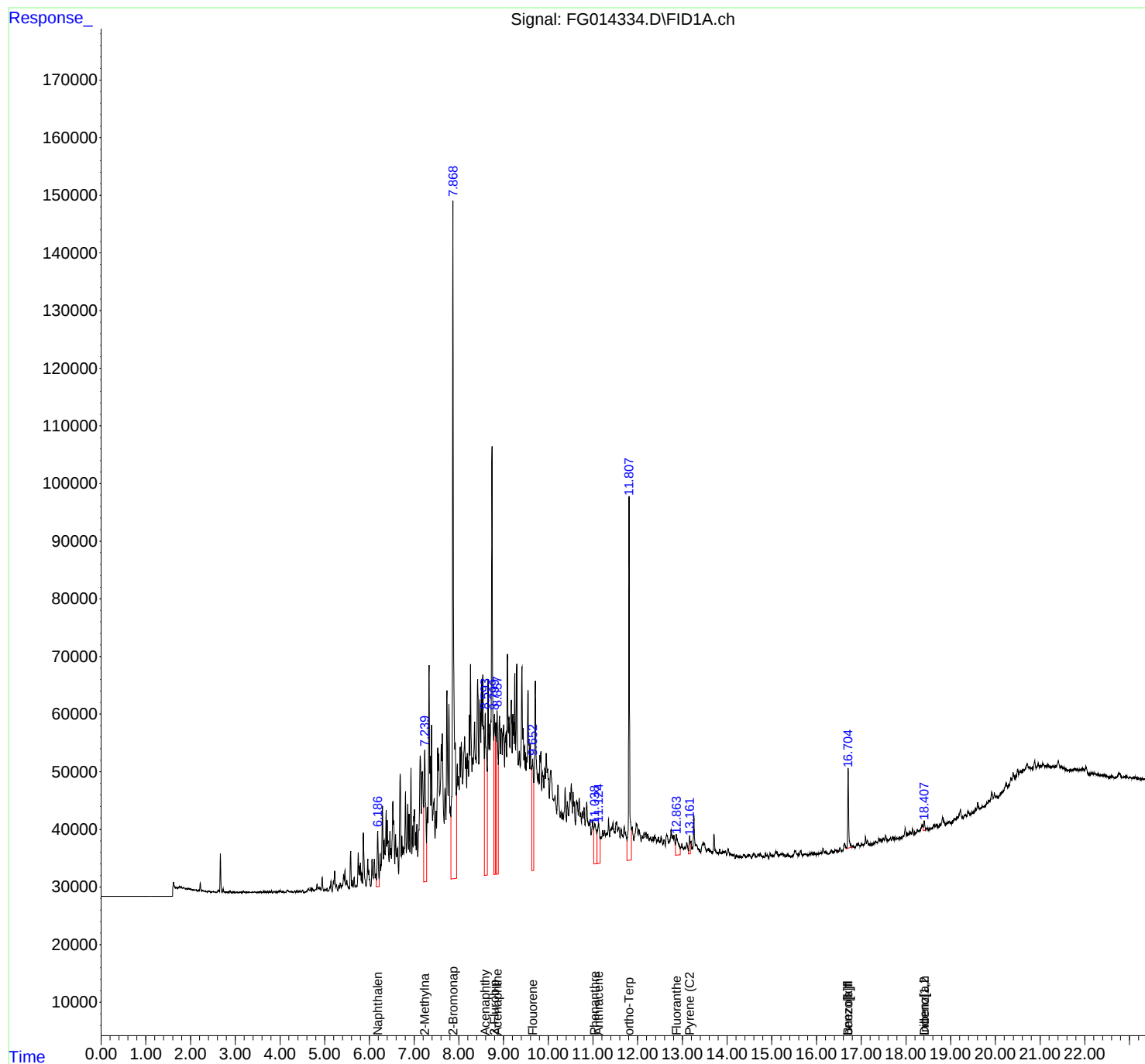
(m)=manual int.

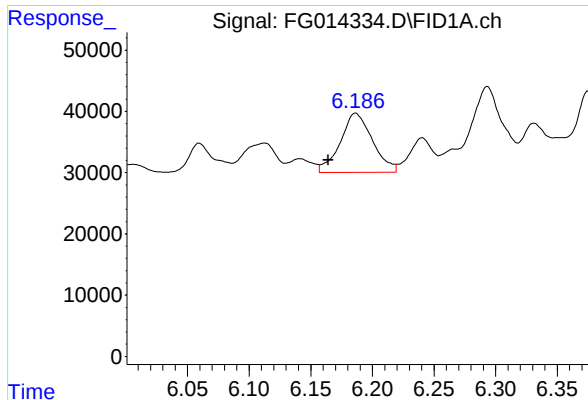
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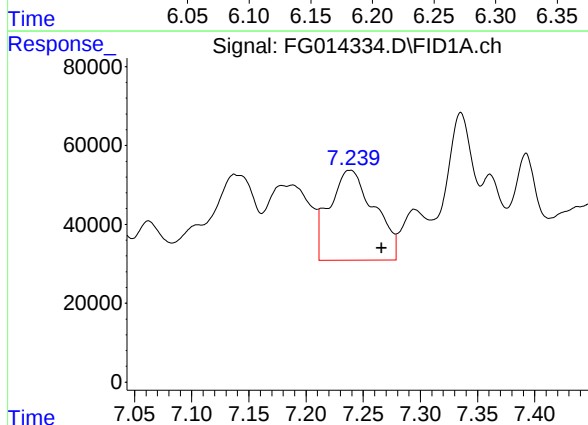




#2 Naphthalene (C11.7)

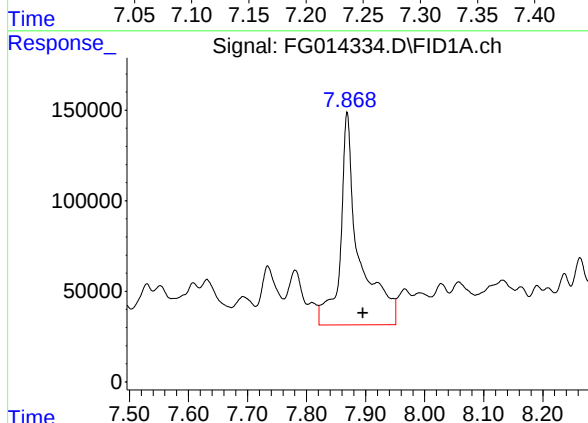
R.T.: 6.187 min
Delta R.T.: 0.022 min
Response: 175730
Conc: 1.39 ug/ml

Instrument :
FID_G
ClientSampleId :



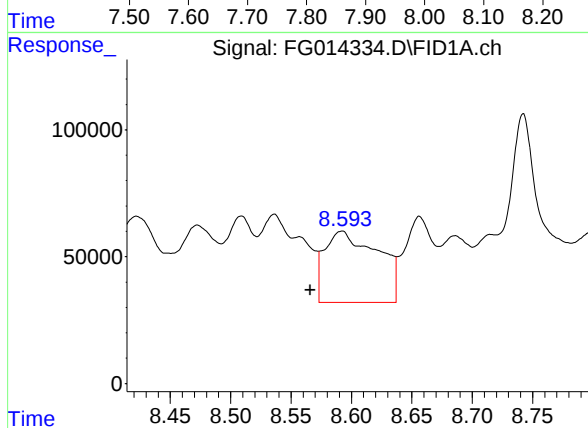
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.238 min
Delta R.T.: -0.028 min
Response: 621517
Conc: 4.88 ug/ml



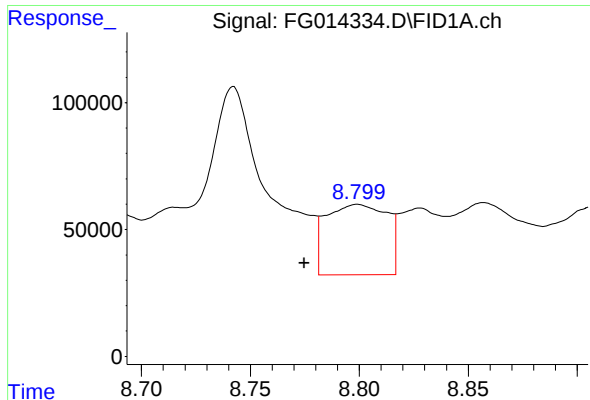
#4 2-Bromonaphthalene (SURR)

R.T.: 7.869 min
Delta R.T.: -0.027 min
Response: 2562928
Conc: 22.91 ug/ml



#5 Acenaphthylene (C15.06)

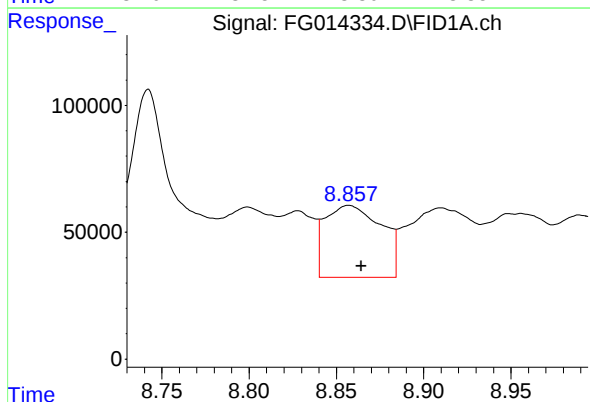
R.T.: 8.592 min
Delta R.T.: 0.026 min
Response: 855236
Conc: 6.58 ug/ml



#6 2-Fluorobiphenyl (SURR)

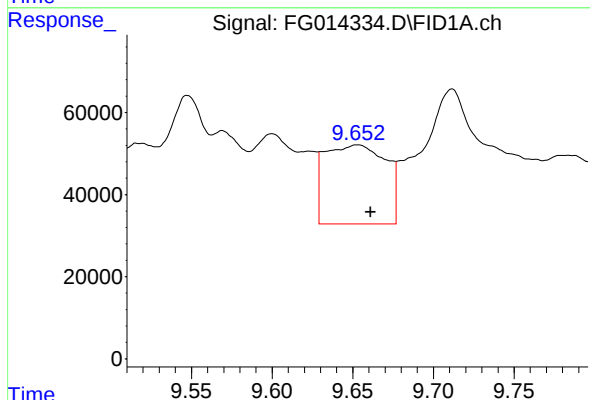
R.T.: 8.799 min
Delta R.T.: 0.024 min
Response: 541347
Conc: 7.44 ug/ml

Instrument :
FID_G
ClientSampleId :



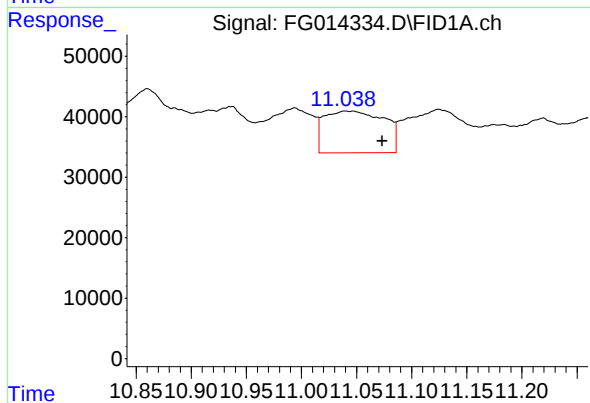
#7 Acenaphthene (C15.5)

R.T.: 8.857 min
Delta R.T.: -0.007 min
Response: 638644
Conc: 4.61 ug/ml



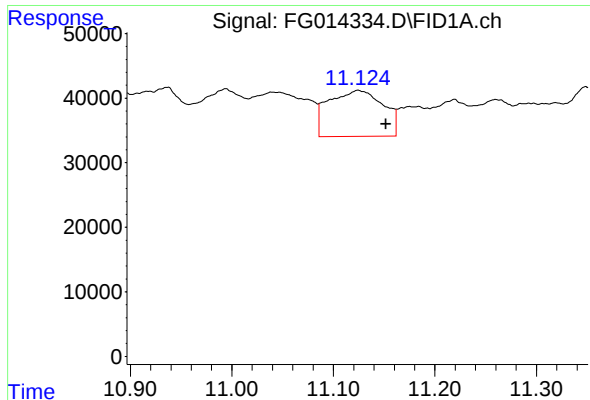
#8 Flouorene (C16.55)

R.T.: 9.653 min
Delta R.T.: -0.008 min
Response: 505213
Conc: 3.90 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 11.042 min
Delta R.T.: -0.031 min
Response: 262192
Conc: 2.17 ug/ml



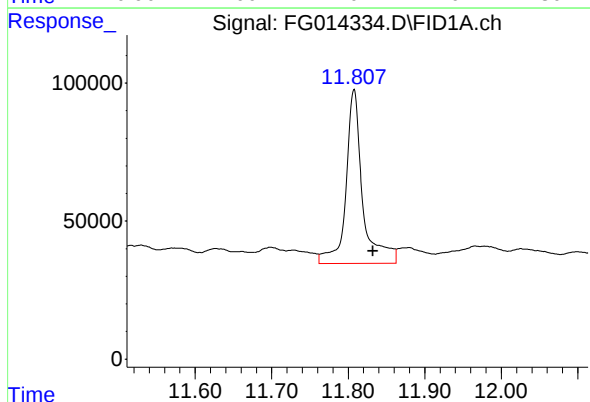
#10 Anthracene (C19.43)

R.T.: 11.125 min
Delta R.T.: -0.027 min
Response: 265491
Conc: 1.91 ug/ml

Instrument :

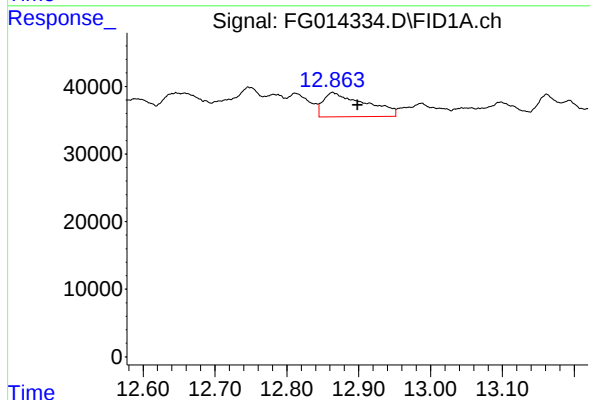
FID_G

ClientSampleId :



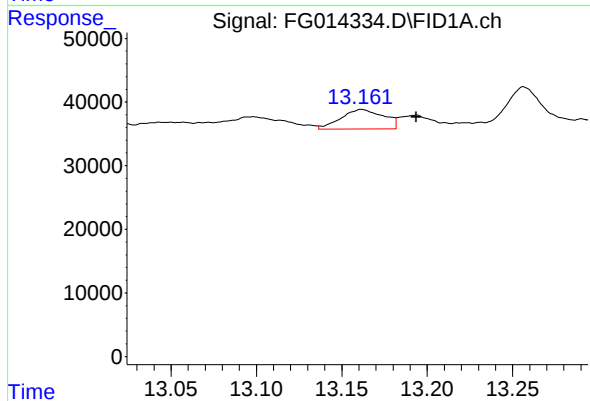
#11 ortho-Terphenyl (SURR)

R.T.: 11.807 min
Delta R.T.: -0.025 min
Response: 963257
Conc: 7.15 ug/ml



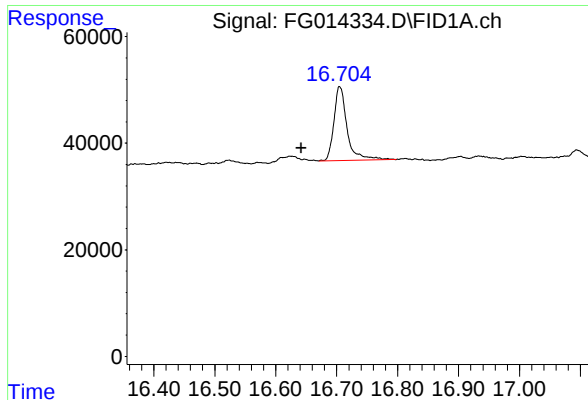
#12 Fluoranthene (C21.85)

R.T.: 12.864 min
Delta R.T.: -0.035 min
Response: 145178
Conc: 1.12 ug/ml



#13 Pyrene (C20.8)

R.T.: 13.162 min
Delta R.T.: -0.032 min
Response: 53715
Conc: 0.41 ug/ml



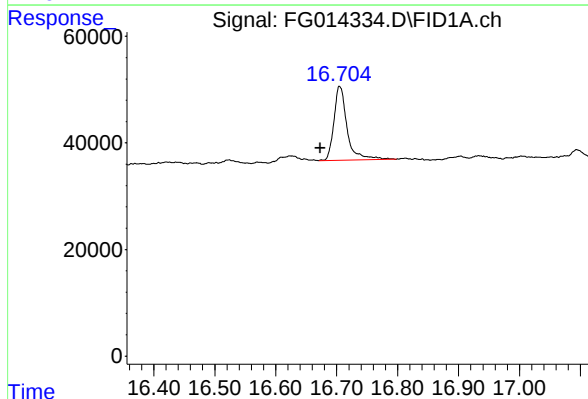
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.705 min
Delta R.T.: 0.063 min
Response: 208733
Conc: 1.82 ug/ml

Instrument :

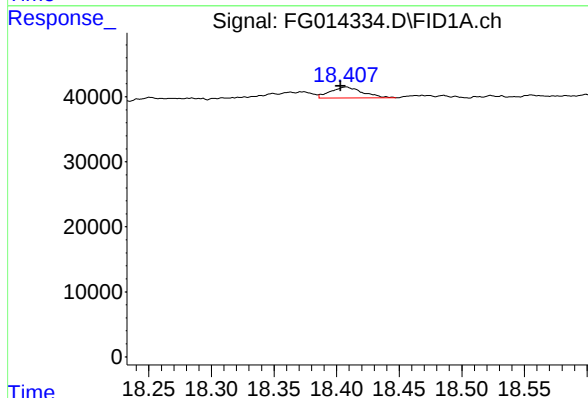
FID_G

ClientSampleId :



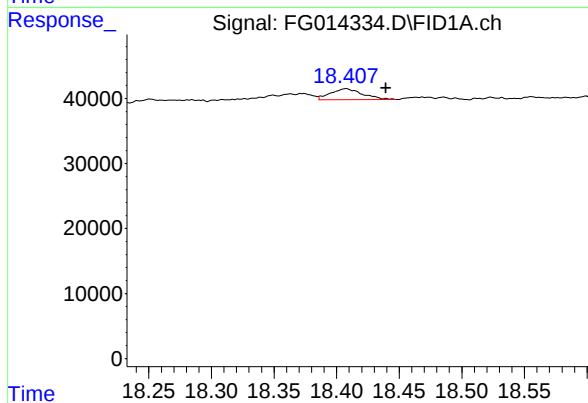
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.705 min
Delta R.T.: 0.032 min
Response: 208733
Conc: 1.55 ug/ml



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

R.T.: 18.408 min
Delta R.T.: 0.004 min
Response: 29732
Conc: 0.30 ug/ml



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

R.T.: 18.408 min
Delta R.T.: -0.032 min
Response: 29732
Conc: 0.20 ug/ml