

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092024AR\
 Data File : FG014320.D
 Signal(s) : FID1A.ch
 Acq On : 20 Sep 2024 22:50
 Operator : YP\AJ
 Sample : P4104-25
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 WC-22A-EPH-5

Integration File: autoint1.e
 Quant Time: Sep 21 03:16:45 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...	7.873	9900909	88.497 ug/ml
Spiked Amount 50.000		Recovery =	176.99%
6) S 2-Fluorobiphenyl (SURR)	8.803	1768826	24.295 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	48.59%
11) S ortho-Terphenyl (SURR)	11.812	4303848	31.928 ug/ml
Spiked Amount 50.000		Recovery =	63.86%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.507	30932	0.240 ug/ml
2) T Naphthalene (C11.7)	6.142	216944	1.720 ug/ml
3) T 2-Methylnaphthalene (...)	7.241	2521221	19.795 ug/ml
5) T Acenaphthylene (C15.06)	8.538	2781048	21.397 ug/ml
7) T Acenaphthene (C15.5)	8.861	1728626	12.482 ug/ml
8) T Fluorene (C16.55)	9.655	2222631	17.147 ug/ml
9) T Phenanthrene (C19.36)	11.042	846724	7.006 ug/ml
10) T Anthracene (C19.43)	11.125	749703	5.404 ug/ml
12) T Fluoranthene (C21.85)	12.863	379580	2.928 ug/ml
13) T Pyrene (C20.8)	13.159	309198	2.368 ug/ml
14) T Benzo[a]anthracene (C...	15.085	57802	0.508 ug/ml
15) T Chrysene (C27.41)	15.085	57802	0.409 ug/ml
16) T benzo[b]fluoranthene ...	16.611	84279	0.735 ug/ml
17) T Bnezo[k]fluoranthene ...	16.611f	84279	0.627 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.992	21038	0.169 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.412	37593	0.380 ug/ml
20) T Dibenz[a,h]anthracene...	18.412	37593	0.255 ug/ml
21) T Benzo[g,h,i]perylene ...	18.615	138506	1.060 ug/ml

(f)=RT Delta > 1/2 Window

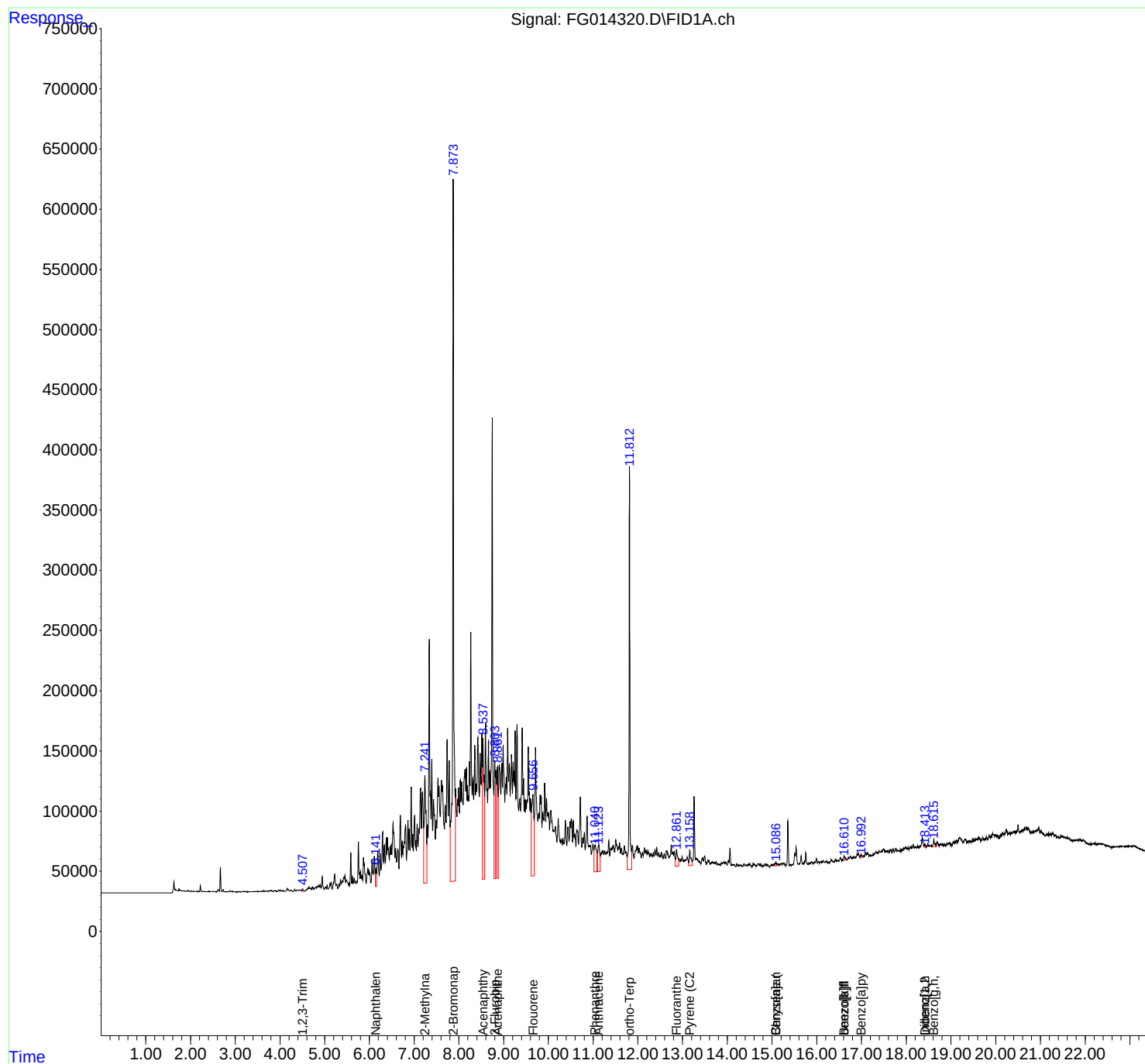
(m)=manual int.

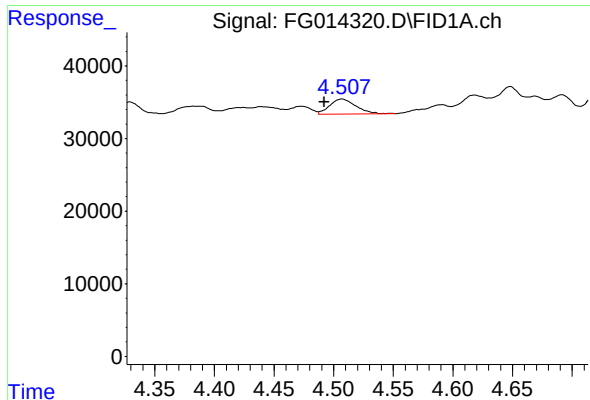
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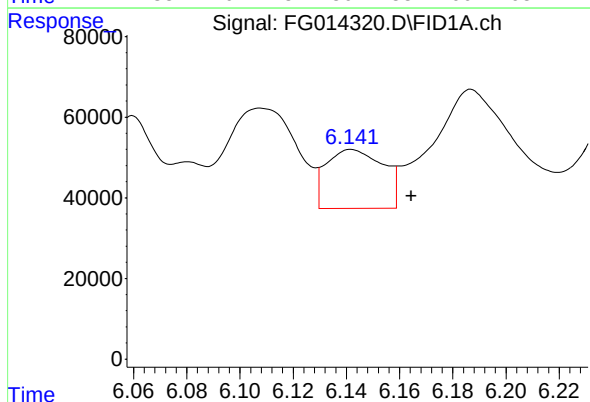




#1 1,2,3-Trimethylbenzene (C10.1)

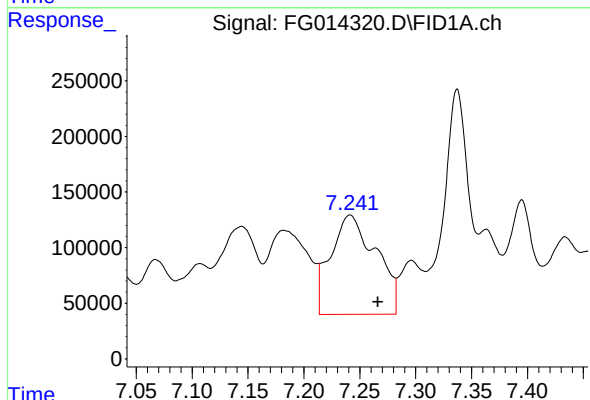
R.T.: 4.507 min
Delta R.T.: 0.015 min
Response: 30932
Conc: 0.24 ug/ml

Instrument :
FID_G
ClientSampleId :
WC-22A-EPH-5



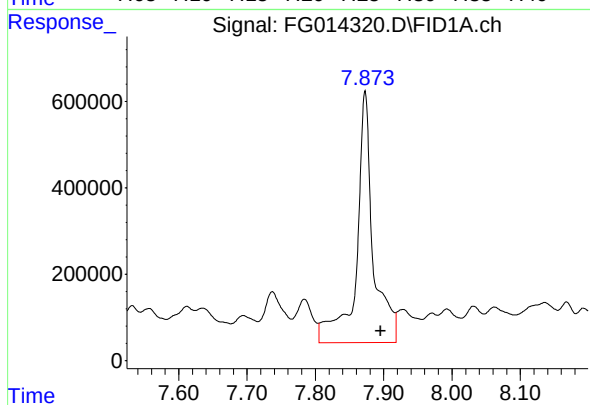
#2 Naphthalene (C11.7)

R.T.: 6.142 min
Delta R.T.: -0.022 min
Response: 216944
Conc: 1.72 ug/ml



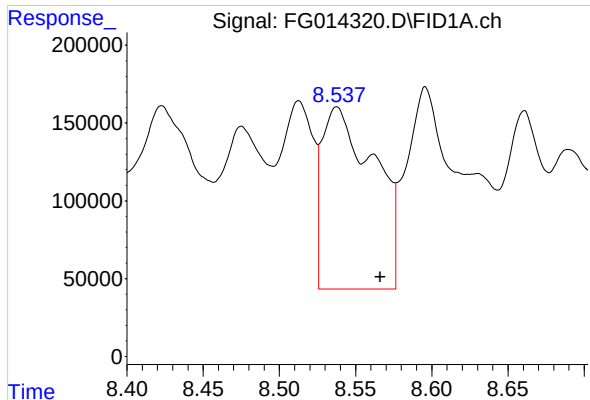
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.241 min
Delta R.T.: -0.025 min
Response: 2521221
Conc: 19.79 ug/ml



#4 2-Bromonaphthalene (SURR)

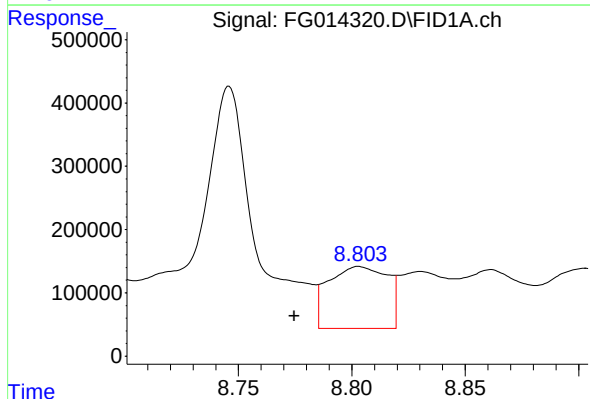
R.T.: 7.873 min
Delta R.T.: -0.023 min
Response: 9900909
Conc: 88.50 ug/ml



#5 Acenaphthylene (C15.06)

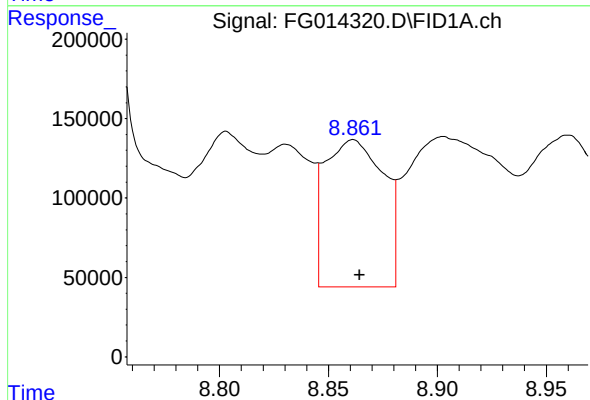
R.T.: 8.538 min
Delta R.T.: -0.028 min
Response: 2781048
Conc: 21.40 ug/ml

Instrument :
FID_G
ClientSampleId :
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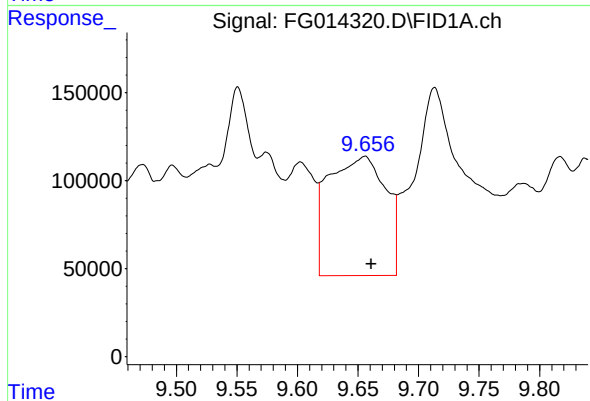
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.803 min
Delta R.T.: 0.029 min
Response: 1768826
Conc: 24.29 ug/ml



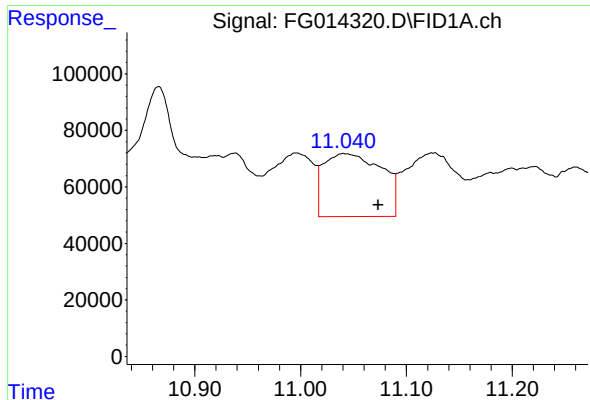
#7 Acenaphthene (C15.5)

R.T.: 8.861 min
Delta R.T.: -0.003 min
Response: 1728626
Conc: 12.48 ug/ml



#8 Fluorene (C16.55)

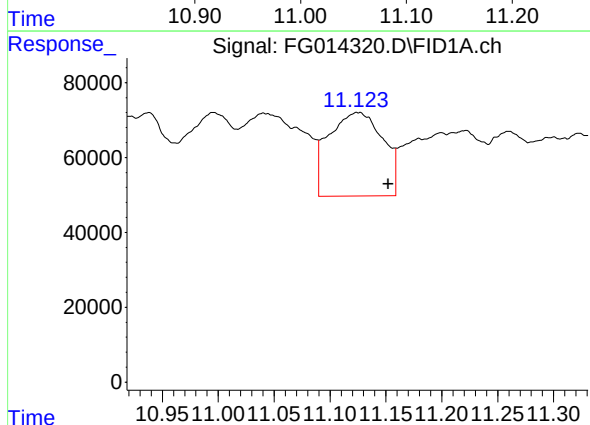
R.T.: 9.655 min
Delta R.T.: -0.006 min
Response: 2222631
Conc: 17.15 ug/ml



#9 Phenanthrene (C19.36)

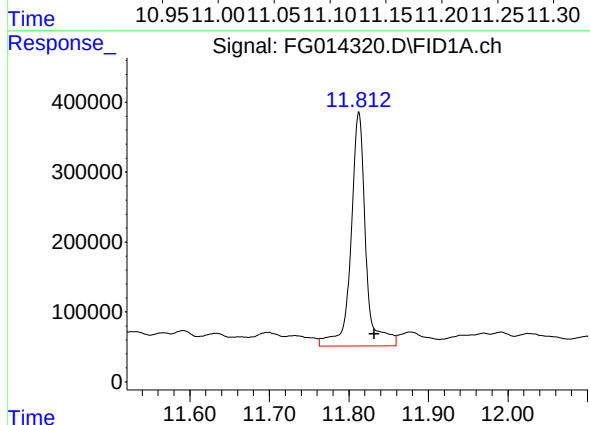
R.T.: 11.042 min
Delta R.T.: -0.032 min
Response: 846724
Conc: 7.01 ug/ml

Instrument :
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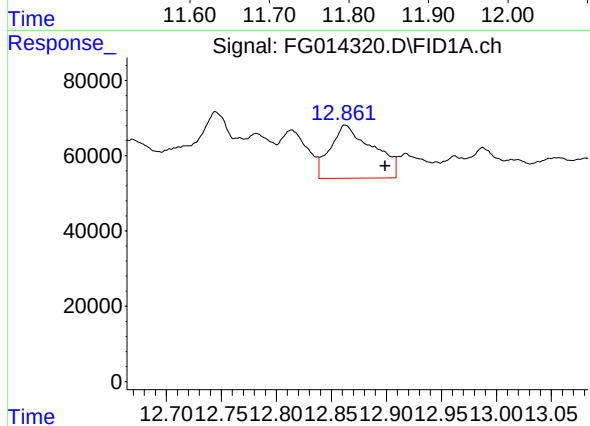
#10 Anthracene (C19.43)

R.T.: 11.125 min
Delta R.T.: -0.027 min
Response: 749703
Conc: 5.40 ug/ml



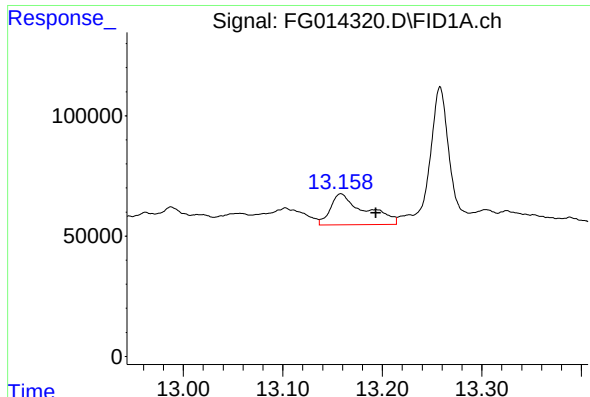
#11 ortho-Terphenyl (SURR)

R.T.: 11.812 min
Delta R.T.: -0.020 min
Response: 4303848
Conc: 31.93 ug/ml



#12 Fluoranthene (C21.85)

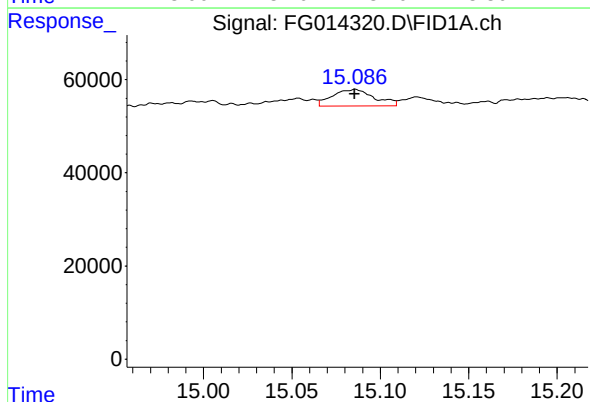
R.T.: 12.863 min
Delta R.T.: -0.036 min
Response: 379580
Conc: 2.93 ug/ml



#13 Pyrene (C20.8)

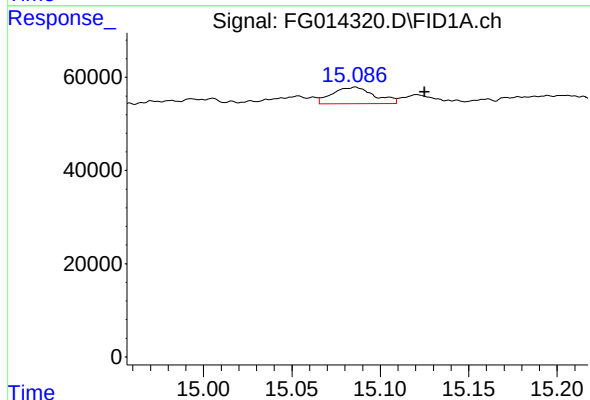
R.T.: 13.159 min
Delta R.T.: -0.035 min
Response: 309198
Conc: 2.37 ug/ml

Instrument :
FID_G
ClientSampleId :
WC-22A-EPH-5



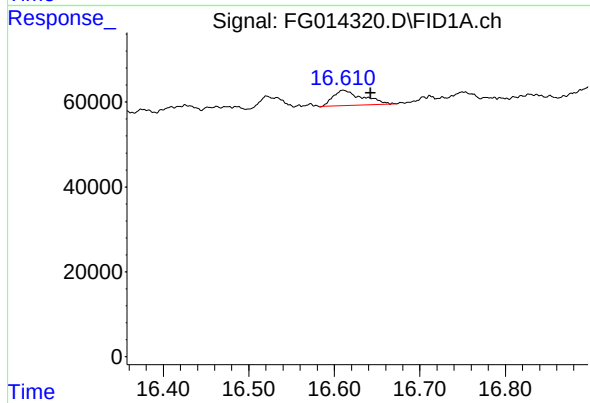
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.085 min
Delta R.T.: 0.000 min
Response: 57802
Conc: 0.51 ug/ml



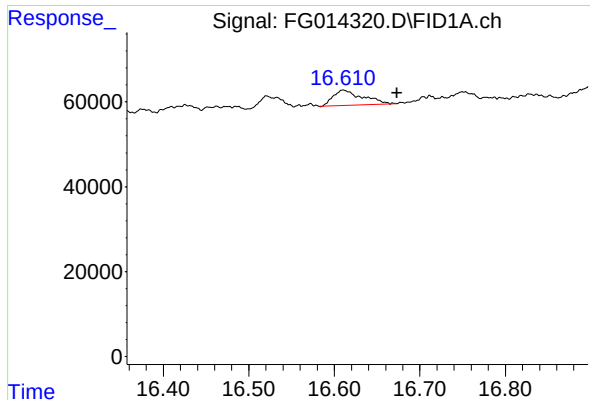
#15 Chrysene (C27.41)

R.T.: 15.085 min
Delta R.T.: -0.040 min
Response: 57802
Conc: 0.41 ug/ml



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

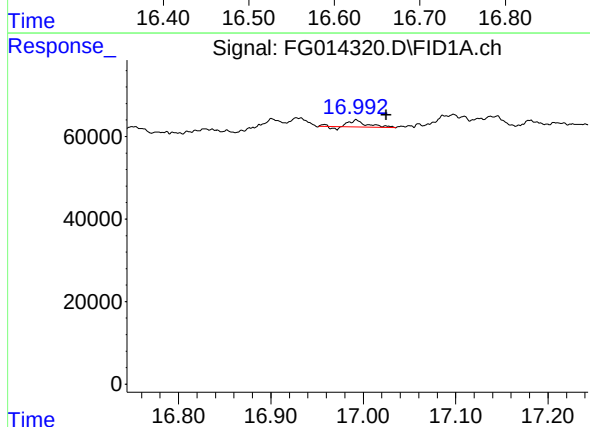
R.T.: 16.611 min
Delta R.T.: -0.032 min
Response: 84279
Conc: 0.74 ug/ml



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

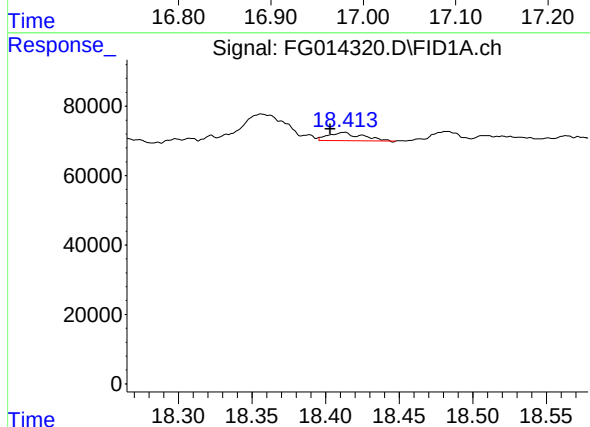
R.T.: 16.611 min
Delta R.T.: -0.062 min
Response: 84279
Conc: 0.63 ug/ml

Instrument :
FID_G
ClientSampleId :
WC-22A-EPH-5



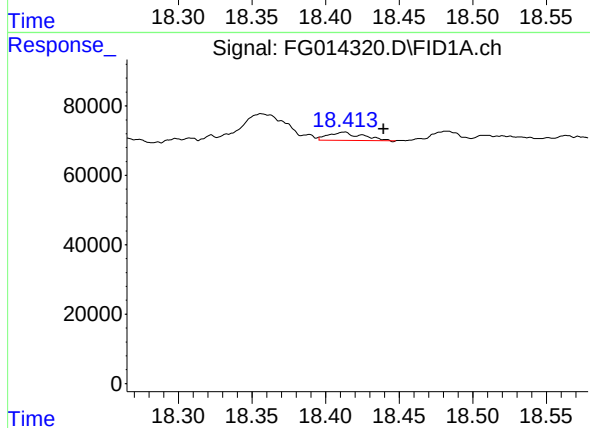
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.992 min
Delta R.T.: -0.033 min
Response: 21038
Conc: 0.17 ug/ml



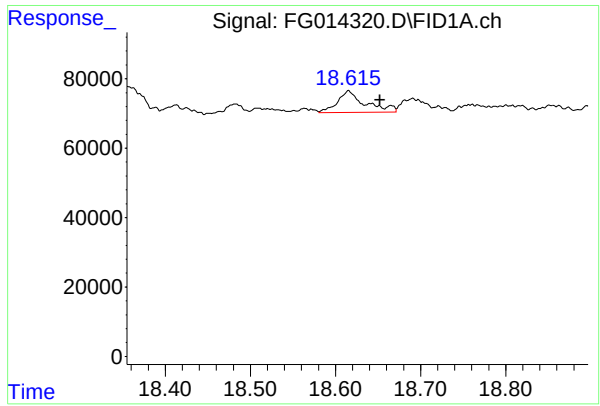
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.412 min
Delta R.T.: 0.009 min
Response: 37593
Conc: 0.38 ug/ml



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

R.T.: 18.412 min
Delta R.T.: -0.028 min
Response: 37593
Conc: 0.26 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.615 min

Delta R.T.: -0.037 min

Response: 138506

Conc: 1.06 ug/ml

Instrument :

FID_G

ClientSampleId :

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