

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092024AR\
 Data File : FG014321.D
 Signal(s) : FID1A.ch
 Acq On : 20 Sep 2024 23:19
 Operator : YP\AJ
 Sample : P4104-26
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 WC-23-EPH-1

Integration File: autoint1.e
 Quant Time: Sep 21 03:16:58 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...	7.876	11041962	98.696 ug/ml
Spiked Amount 50.000		Recovery =	197.39%
6) S 2-Fluorobiphenyl (SURR)	8.748	7949487	109.187 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	218.37%#
11) S ortho-Terphenyl (SURR)	11.844	768625	5.702 ug/ml
Spiked Amount 50.000		Recovery =	11.40%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.484	22866565	177.620 ug/ml
2) T Naphthalene (C11.7)	6.157	22043398	174.748 ug/ml
3) T 2-Methylnaphthalene (...)	7.259	32083088	251.895 ug/ml
5) T Acenaphthylene (C15.06)	8.599	2692431	20.715 ug/ml
7) T Acenaphthene (C15.5)	8.865	3576895	25.829 ug/ml
8) T Fluorene (C16.55)	9.657	3771001	29.093 ug/ml
9) T Phenanthrene (C19.36)	11.040	2179732	18.035 ug/ml
10) T Anthracene (C19.43)	11.123	1783640	12.856 ug/ml
12) T Fluoranthene (C21.85)	12.863	1326791	10.235 ug/ml
13) T Pyrene (C20.8)	13.159	827660	6.339 ug/ml
14) T Benzo[a]anthracene (C...	15.087	86212	0.758 ug/ml
15) T Chrysene (C27.41)	15.087	86212	0.610 ug/ml
16) T benzo[b]fluoranthene ...	16.611	114429	0.998 ug/ml
17) T Bnezo[k]fluoranthene ...	16.611f	114429	0.851 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.991	38192	0.307 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.408	41667	0.422 ug/ml
20) T Dibenz[a,h]anthracene...	18.408	41667	0.283 ug/ml
21) T Benzo[g,h,i]perylene ...	18.617	160540	1.228 ug/ml

(f)=RT Delta > 1/2 Window

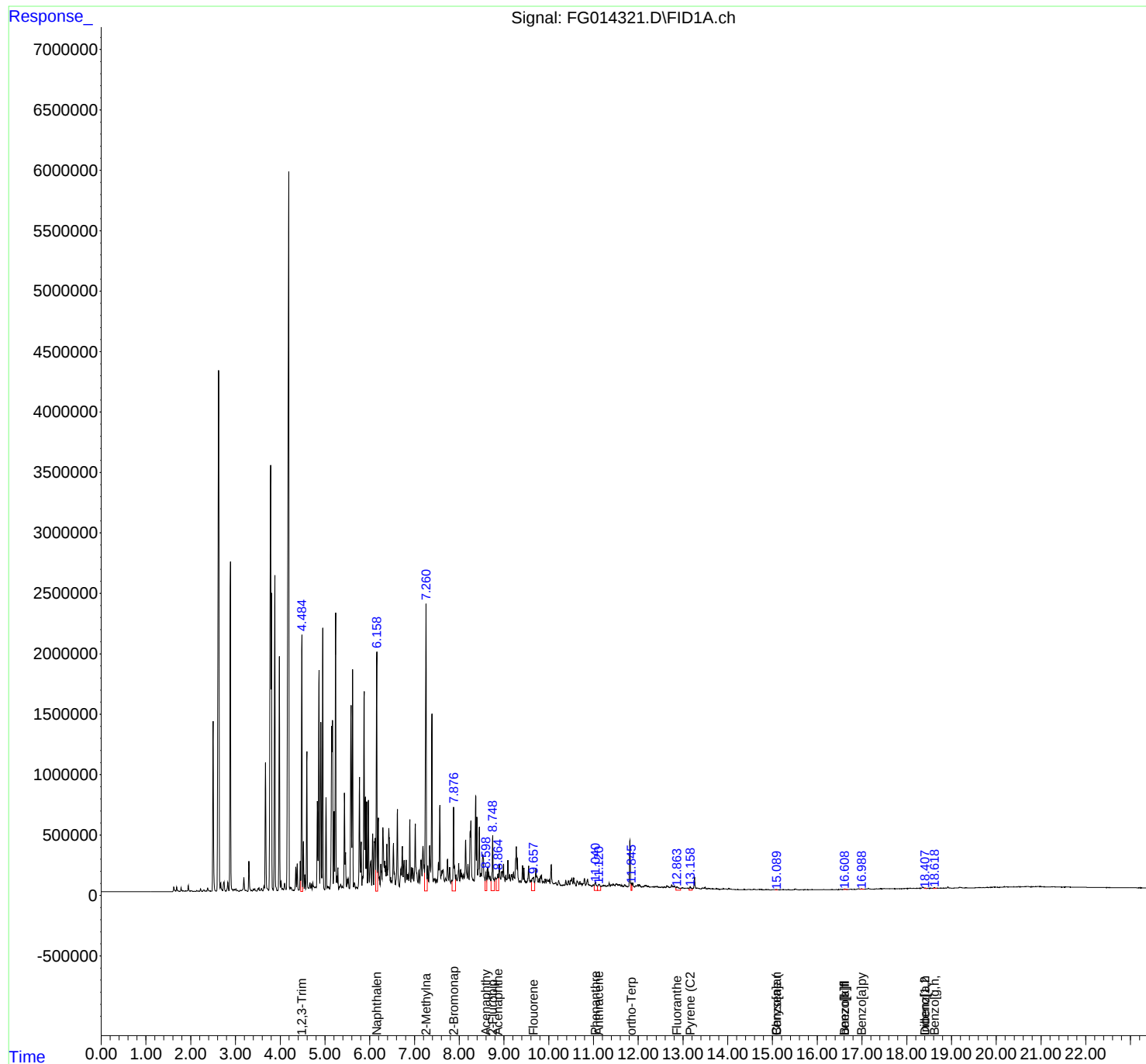
(m)=manual int.

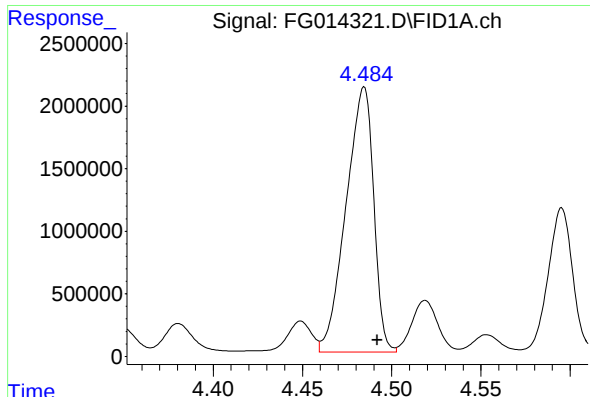
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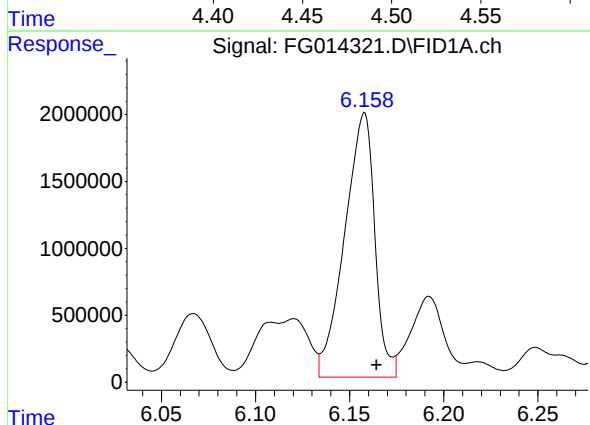




#1 1,2,3-Trimethylbenzene (C10.1)

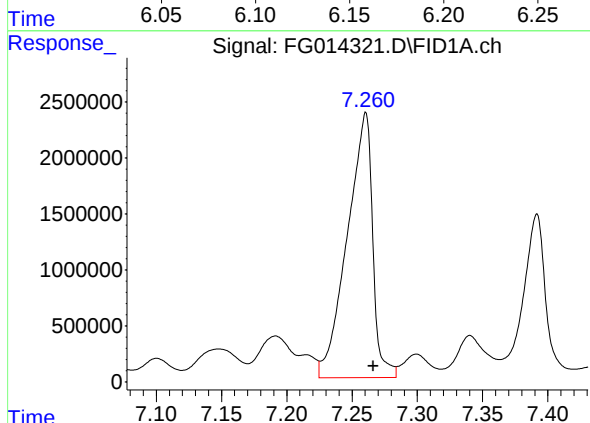
R.T.: 4.484 min
Delta R.T.: -0.008 min
Response: 22866565
Conc: 177.62 ug/ml

Instrument :
FID_G
ClientSampleId :
WC-23-EPH-1



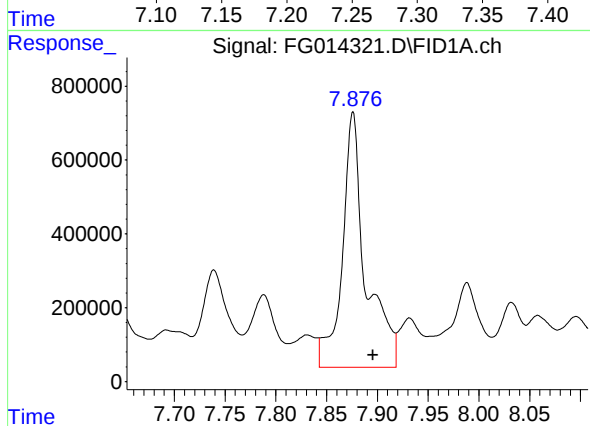
#2 Naphthalene (C11.7)

R.T.: 6.157 min
Delta R.T.: -0.007 min
Response: 22043398
Conc: 174.75 ug/ml



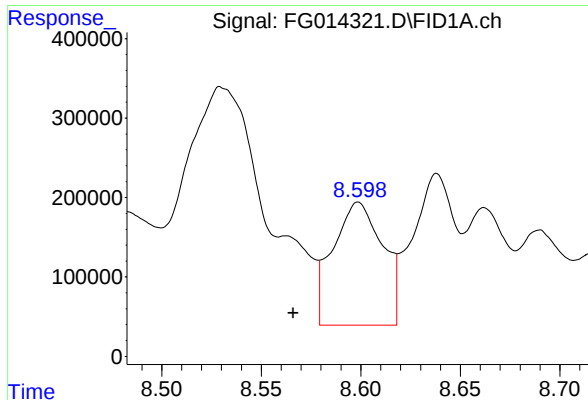
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.259 min
Delta R.T.: -0.007 min
Response: 32083088
Conc: 251.89 ug/ml



#4 2-Bromonaphthalene (SURR)

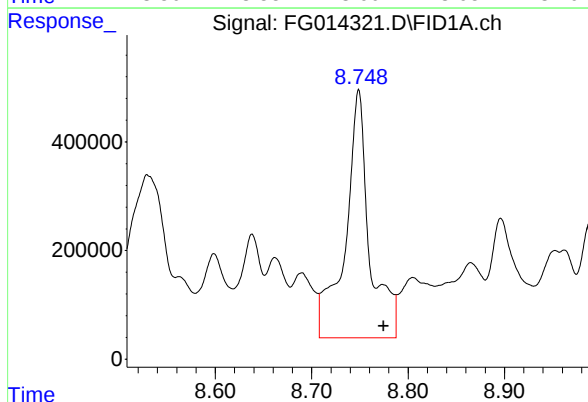
R.T.: 7.876 min
Delta R.T.: -0.020 min
Response: 11041962
Conc: 98.70 ug/ml



#5 Acenaphthylene (C15.06)

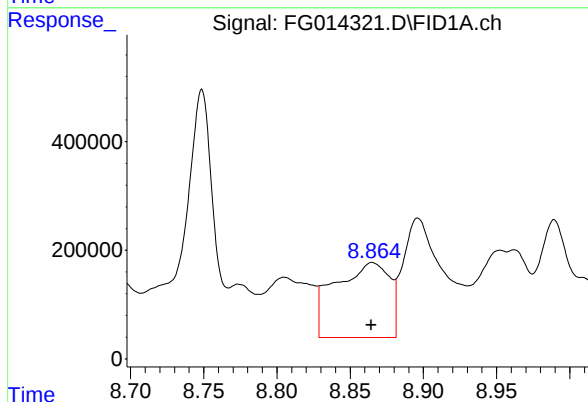
R.T.: 8.599 min
Delta R.T.: 0.033 min
Response: 2692431
Conc: 20.72 ug/ml

Instrument :
FID_G
ClientSampleId :
WC-23-EPH-1



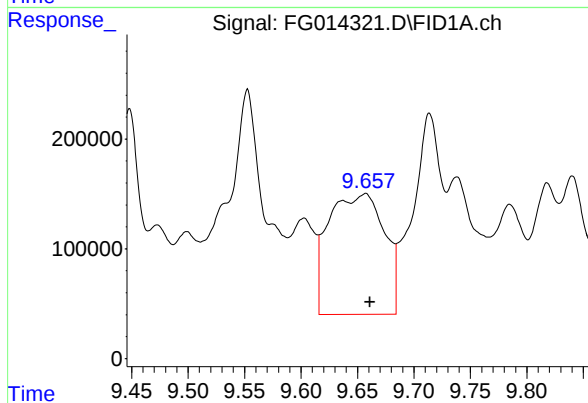
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.748 min
Delta R.T.: -0.026 min
Response: 7949487
Conc: 109.19 ug/ml



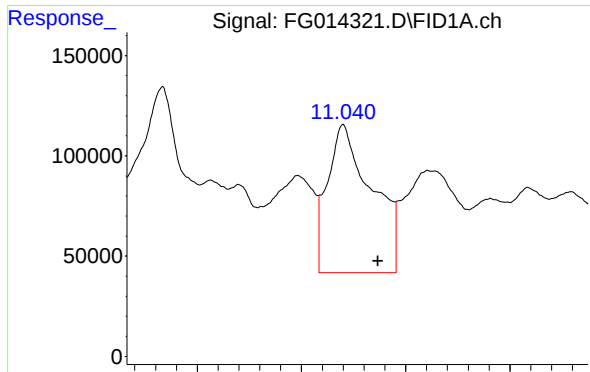
#7 Acenaphthene (C15.5)

R.T.: 8.865 min
Delta R.T.: 0.001 min
Response: 3576895
Conc: 25.83 ug/ml



#8 Flouorene (C16.55)

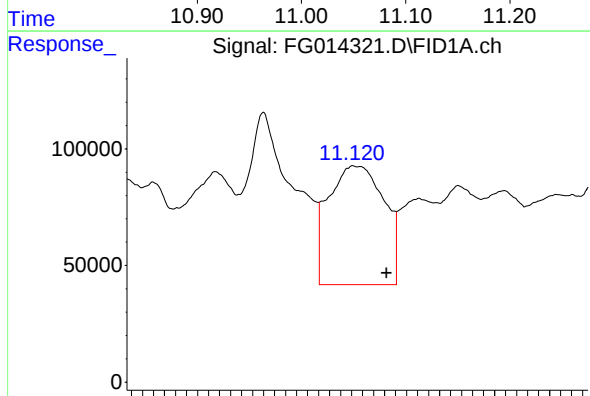
R.T.: 9.657 min
Delta R.T.: -0.004 min
Response: 3771001
Conc: 29.09 ug/ml



#9 Phenanthrene (C19.36)

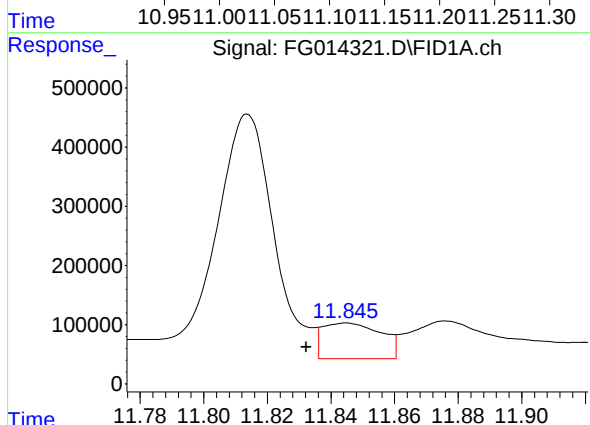
R.T.: 11.040 min
Delta R.T.: -0.033 min
Response: 2179732
Conc: 18.04 ug/ml

Instrument :
FID_G
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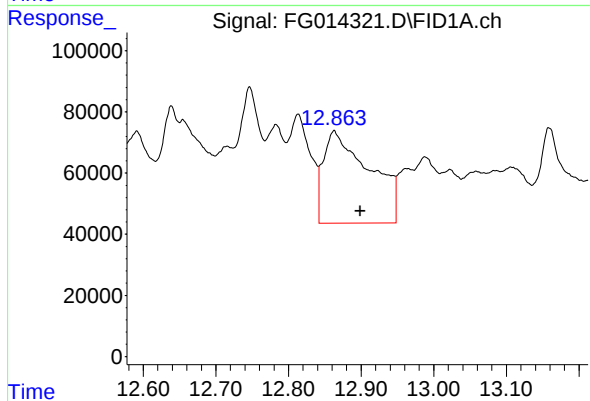
#10 Anthracene (C19.43)

R.T.: 11.123 min
Delta R.T.: -0.029 min
Response: 1783640
Conc: 12.86 ug/ml



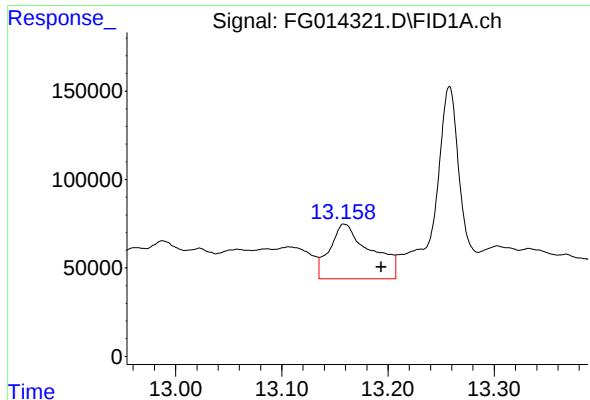
#11 ortho-Terphenyl (SURR)

R.T.: 11.844 min
Delta R.T.: 0.012 min
Response: 768625
Conc: 5.70 ug/ml



#12 Fluoranthene (C21.85)

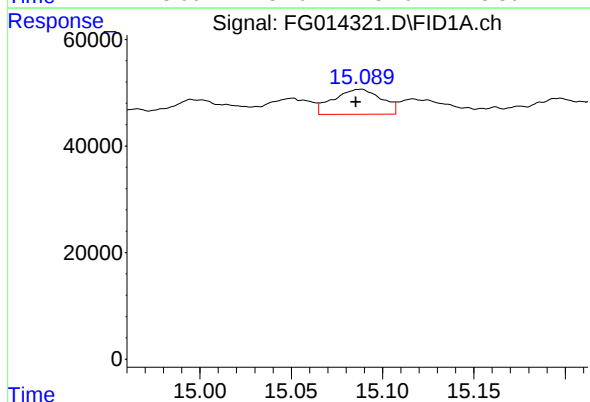
R.T.: 12.863 min
Delta R.T.: -0.036 min
Response: 1326791
Conc: 10.23 ug/ml



#13 Pyrene (C20.8)

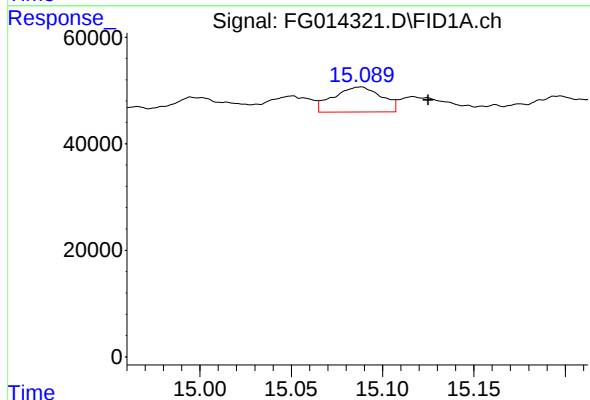
R.T.: 13.159 min
Delta R.T.: -0.034 min
Response: 827660
Conc: 6.34 ug/ml

Instrument :
FID_G
ClientSampleId :
WC-23-EPH-1



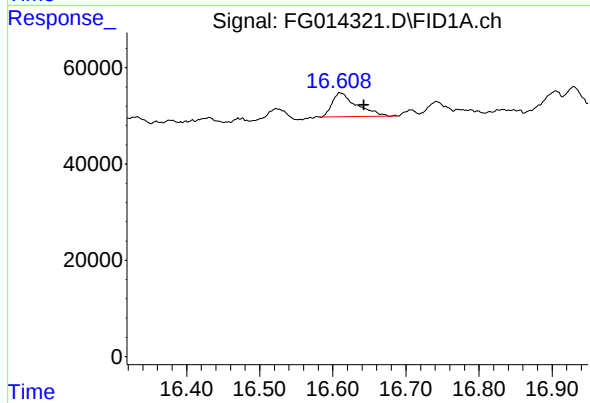
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.087 min
Delta R.T.: 0.002 min
Response: 86212
Conc: 0.76 ug/ml



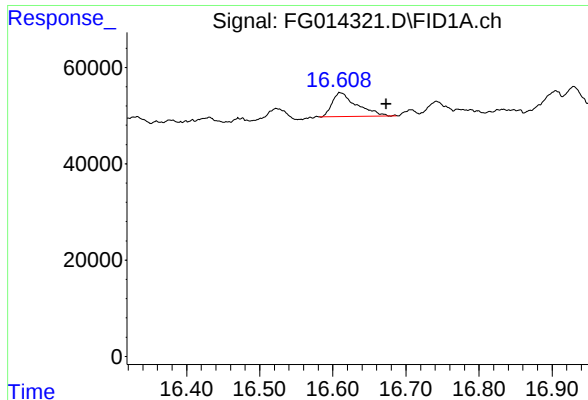
#15 Chrysene (C27.41)

R.T.: 15.087 min
Delta R.T.: -0.038 min
Response: 86212
Conc: 0.61 ug/ml



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

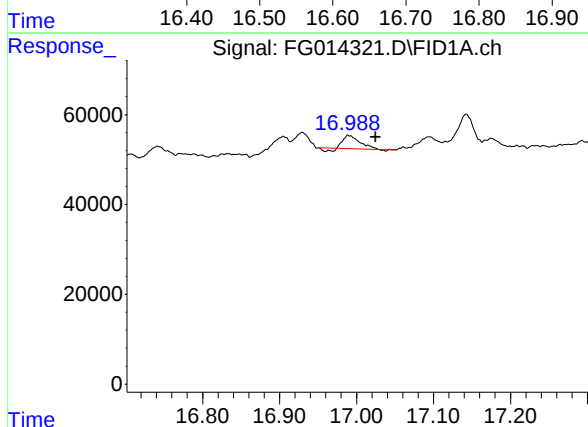
R.T.: 16.611 min
Delta R.T.: -0.032 min
Response: 114429
Conc: 1.00 ug/ml



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

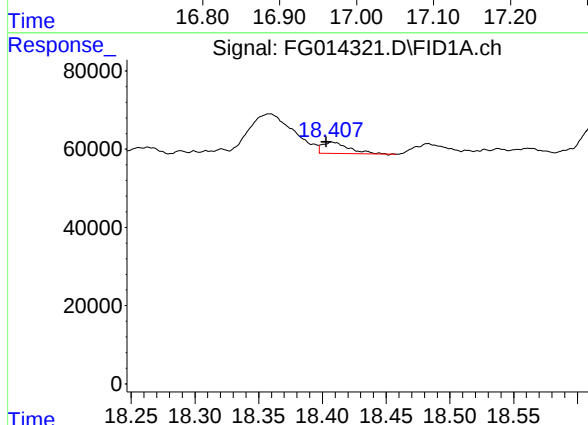
R.T.: 16.611 min
Delta R.T.: -0.062 min
Response: 114429
Conc: 0.85 ug/ml

Instrument :
FID_G
ClientSampleId :
WC-23-EPH-1



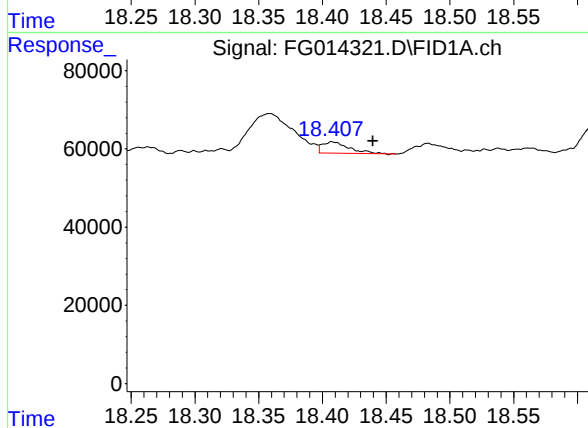
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.991 min
Delta R.T.: -0.034 min
Response: 38192
Conc: 0.31 ug/ml



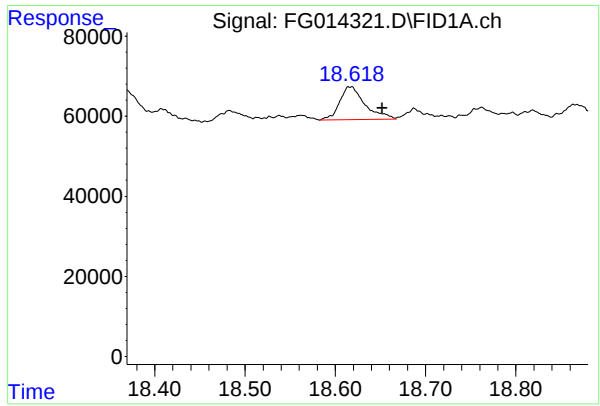
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.408 min
Delta R.T.: 0.005 min
Response: 41667
Conc: 0.42 ug/ml



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

R.T.: 18.408 min
Delta R.T.: -0.031 min
Response: 41667
Conc: 0.28 ug/ml



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

R.T.: 18.617 min
Delta R.T.: -0.035 min
Response: 160540
Conc: 1.23 ug/ml

Instrument :
FID_G
ClientSampleId :
WC-23-EPH-1