

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092024AR\
 Data File : FG014324.D
 Signal(s) : FID1A.ch
 Acq On : 21 Sep 2024 00:47
 Operator : YP\AJ
 Sample : P4104-29
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 WC-23-EPH-4

Integration File: autoint1.e
 Quant Time: Sep 21 03:17:33 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...	7.875	11717173	104.731 ug/ml
Spiked Amount 50.000		Recovery =	209.46%
6) S 2-Fluorobiphenyl (SURR)	8.751	12421358	170.608 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	341.22%#
11) S ortho-Terphenyl (SURR)	11.822	11955088	88.690 ug/ml
Spiked Amount 50.000		Recovery =	177.38%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.506	95577	0.742 ug/ml
2) T Naphthalene (C11.7)	6.186	1261604	10.001 ug/ml
3) T 2-Methylnaphthalene (...)	7.243	5061015	39.736 ug/ml
5) T Acenaphthylene (C15.06)	8.543	6736671	51.831 ug/ml
7) T Acenaphthene (C15.5)	8.867	4776087	34.488 ug/ml
8) T Fluorene (C16.55)	9.668	6490296	50.071 ug/ml
9) T Phenanthrene (C19.36)	11.049	11296263	93.467 ug/ml
10) T Anthracene (C19.43)	11.135	9223960	66.486 ug/ml
12) T Fluoranthene (C21.85)	12.871	7315164	56.427 ug/ml
13) T Pyrene (C20.8)	13.166	4933431	37.783 ug/ml
14) T Benzo[a]anthracene (C...	15.085	387482	3.406 ug/ml
15) T Chrysene (C27.41)	15.127	270330	1.912 ug/ml
16) T benzo[b]fluoranthene ...	16.608	423117	3.692 ug/ml
17) T Bnezo[k]fluoranthene ...	16.608f	423117	3.147 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.988	204448	1.645 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.409	39948	0.404 ug/ml
20) T Dibenz[a,h]anthracene...	18.409	39948	0.271 ug/ml
21) T Benzo[g,h,i]perylene ...	18.617	370836	2.837 ug/ml

(f)=RT Delta > 1/2 Window

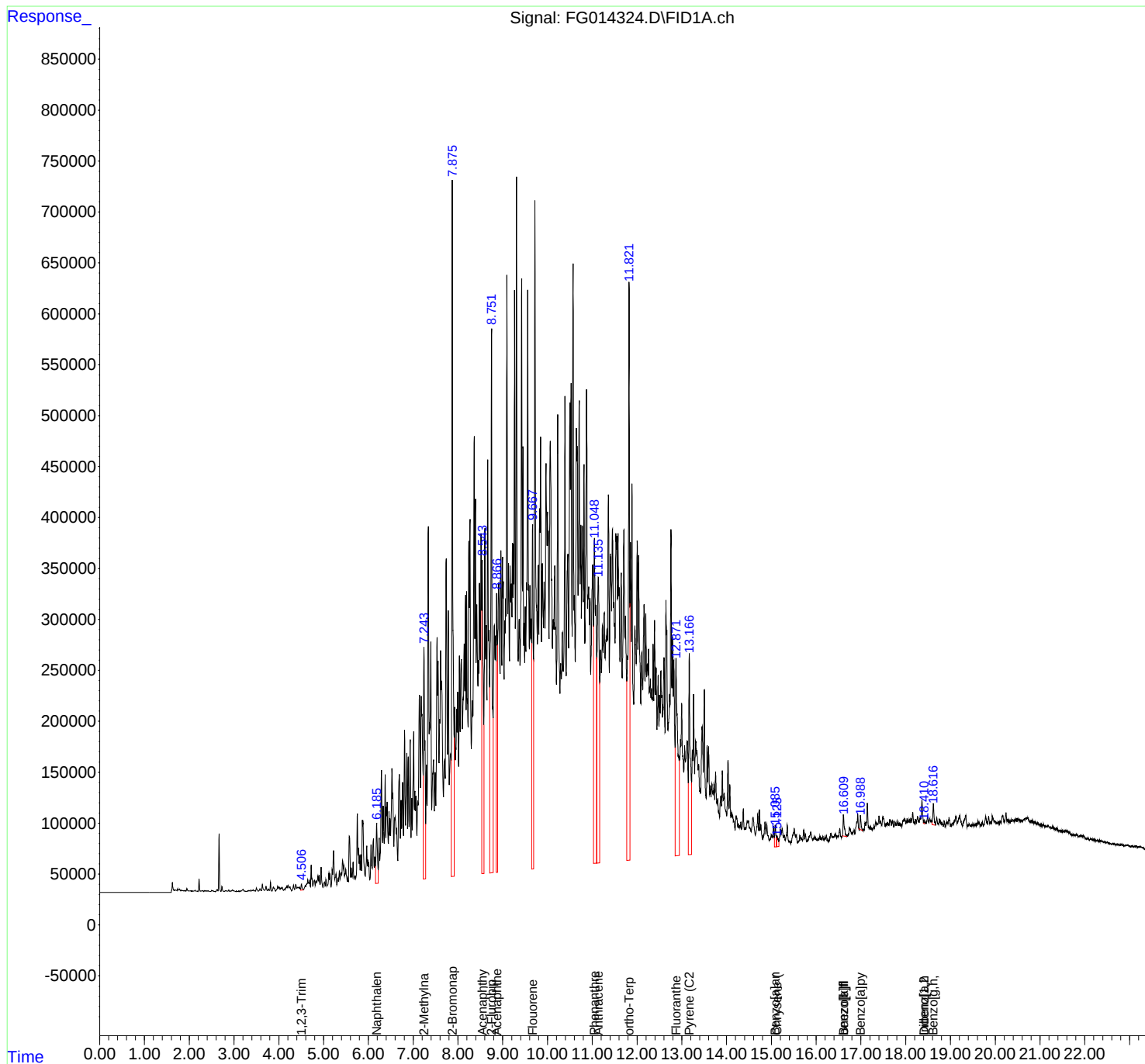
(m)=manual int.

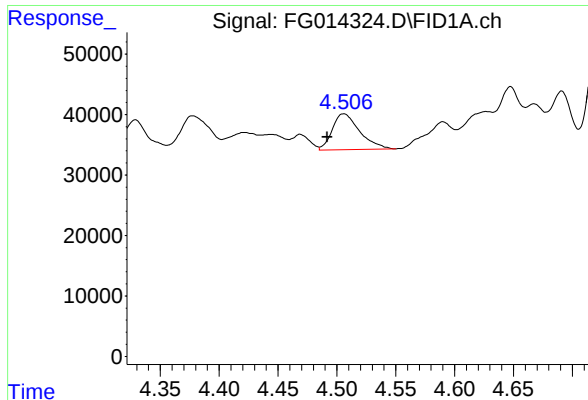
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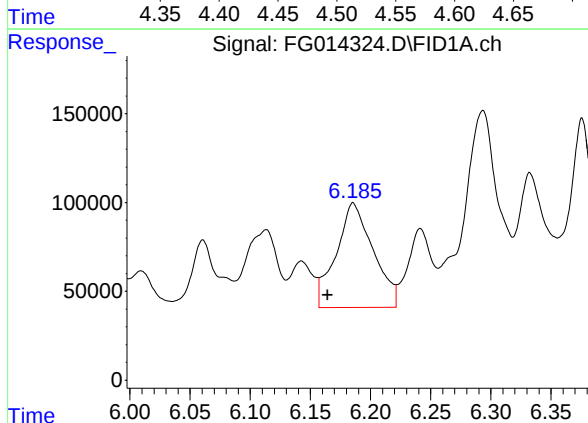




#1 1,2,3-Trimethylbenzene (C10.1)

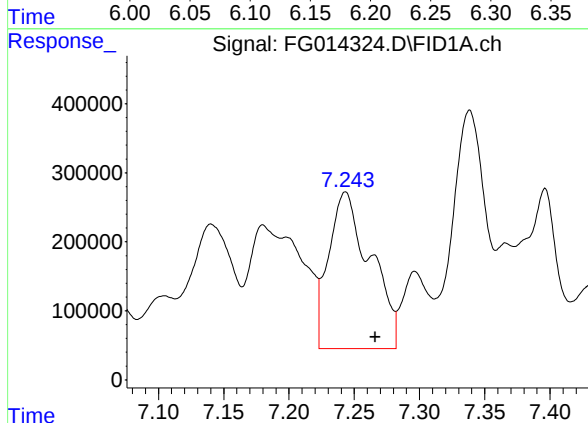
R.T.: 4.506 min
Delta R.T.: 0.014 min
Response: 95577
Conc: 0.74 ug/ml

Instrument :
FID_G
ClientSampleId :
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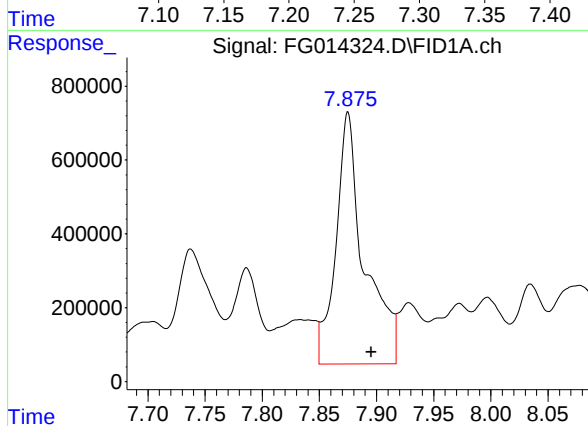
#2 Naphthalene (C11.7)

R.T.: 6.186 min
Delta R.T.: 0.021 min
Response: 1261604
Conc: 10.00 ug/ml



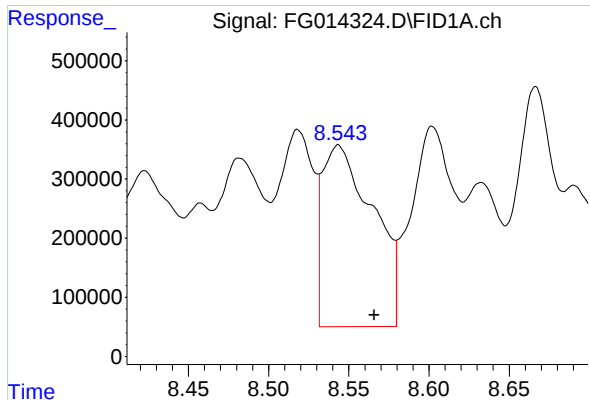
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.243 min
Delta R.T.: -0.023 min
Response: 5061015
Conc: 39.74 ug/ml



#4 2-Bromonaphthalene (SURR)

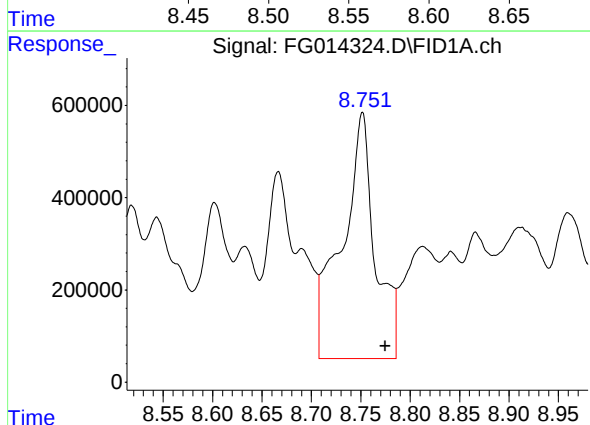
R.T.: 7.875 min
Delta R.T.: -0.021 min
Response: 11717173
Conc: 104.73 ug/ml



#5 Acenaphthylene (C15.06)

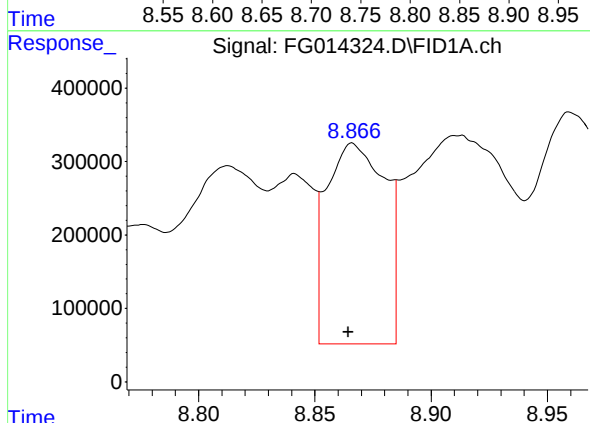
R.T.: 8.543 min
Delta R.T.: -0.023 min
Response: 6736671
Conc: 51.83 ug/ml

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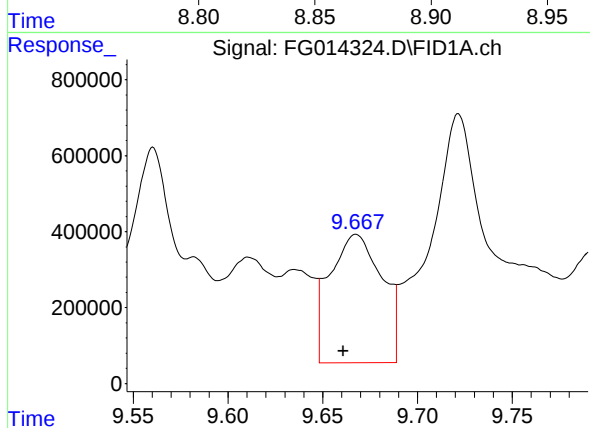
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.751 min
Delta R.T.: -0.023 min
Response: 12421358
Conc: 170.61 ug/ml



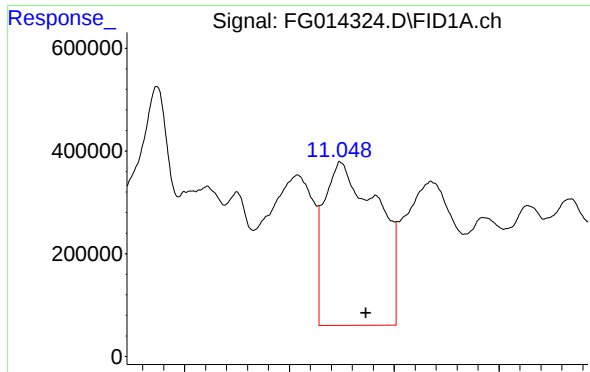
#7 Acenaphthene (C15.5)

R.T.: 8.867 min
Delta R.T.: 0.002 min
Response: 4776087
Conc: 34.49 ug/ml



#8 Fluorene (C16.55)

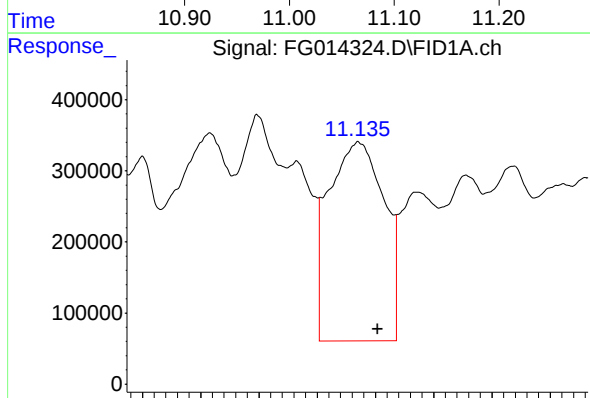
R.T.: 9.668 min
Delta R.T.: 0.007 min
Response: 6490296
Conc: 50.07 ug/ml



#9 Phenanthrene (C19.36)

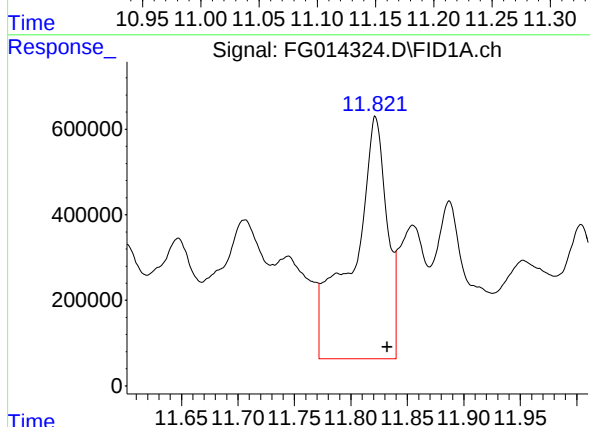
R.T.: 11.049 min
Delta R.T.: -0.024 min
Response: 11296263
Conc: 93.47 ug/ml

Instrument :
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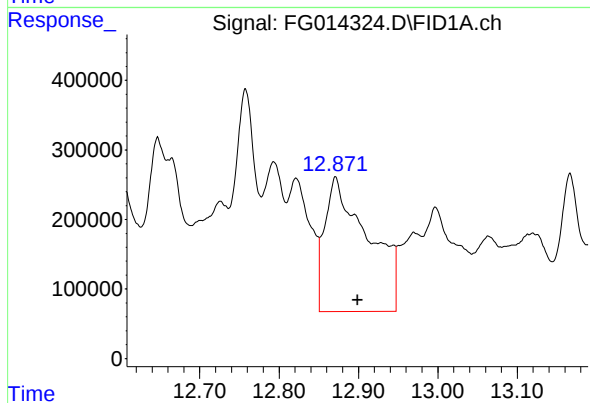
#10 Anthracene (C19.43)

R.T.: 11.135 min
Delta R.T.: -0.017 min
Response: 9223960
Conc: 66.49 ug/ml



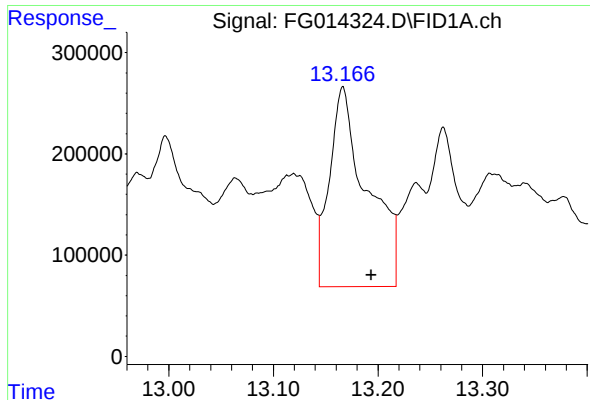
#11 ortho-Terphenyl (SURRE)

R.T.: 11.822 min
Delta R.T.: -0.010 min
Response: 11955088
Conc: 88.69 ug/ml



#12 Fluoranthene (C21.85)

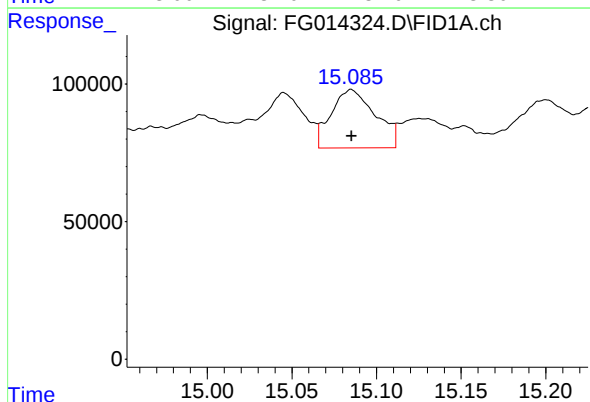
R.T.: 12.871 min
Delta R.T.: -0.028 min
Response: 7315164
Conc: 56.43 ug/ml



#13 Pyrene (C20.8)

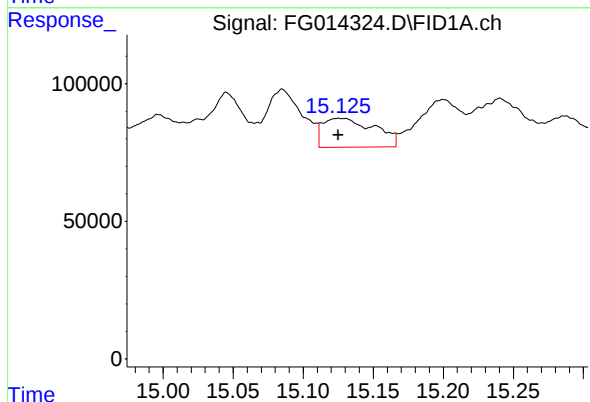
R.T.: 13.166 min
Delta R.T.: -0.027 min
Response: 4933431
Conc: 37.78 ug/ml

Instrument :
FID_G
ClientSampleId :
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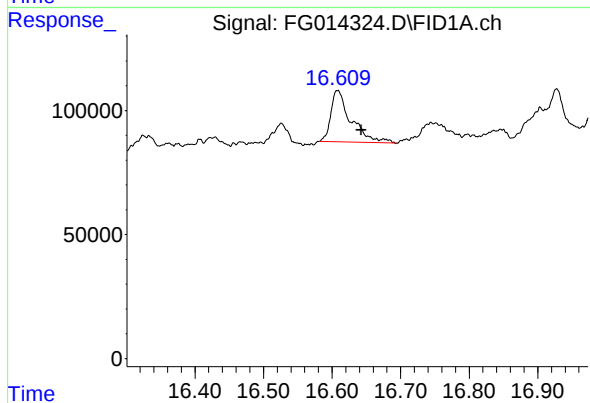
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.085 min
Delta R.T.: 0.000 min
Response: 387482
Conc: 3.41 ug/ml



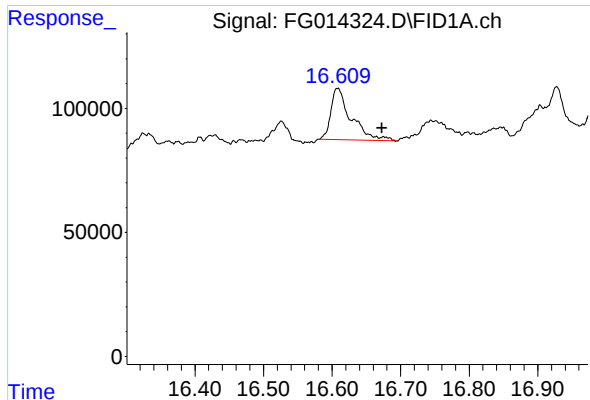
#15 Chrysene (C27.41)

R.T.: 15.127 min
Delta R.T.: 0.002 min
Response: 270330
Conc: 1.91 ug/ml



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

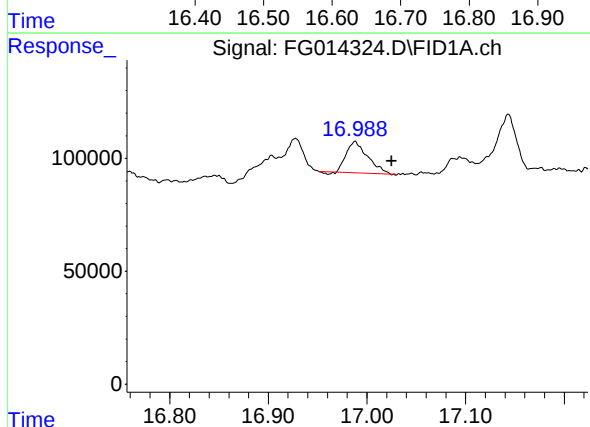
R.T.: 16.608 min
Delta R.T.: -0.034 min
Response: 423117
Conc: 3.69 ug/ml



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

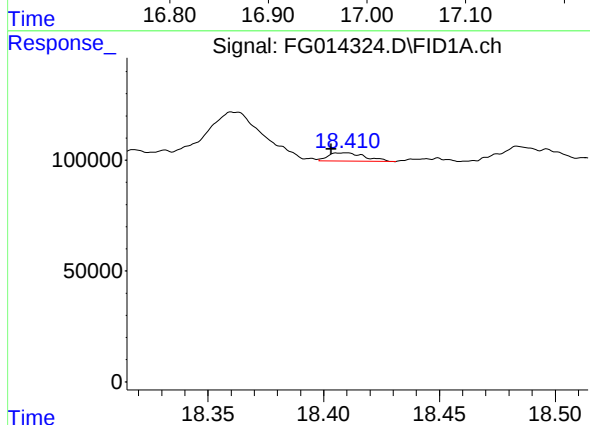
R.T.: 16.608 min
Delta R.T.: -0.065 min
Response: 423117
Conc: 3.15 ug/ml

Instrument :
FID_G
ClientSampleId :
WC-23-EPH-4



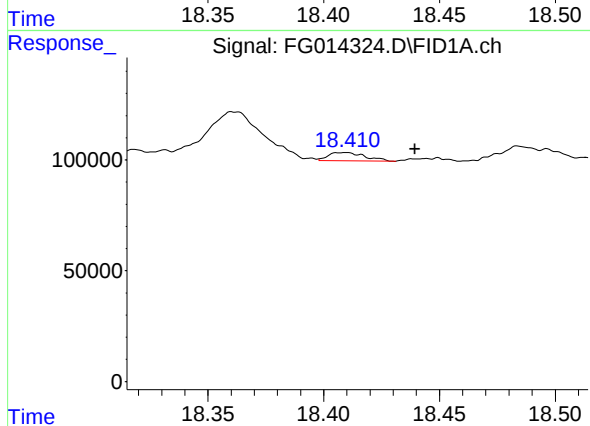
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.988 min
Delta R.T.: -0.037 min
Response: 204448
Conc: 1.65 ug/ml



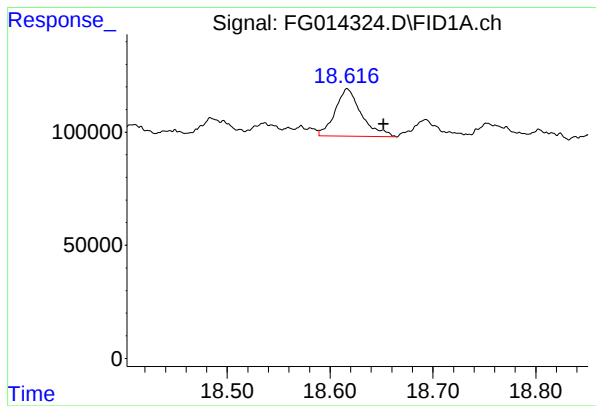
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.409 min
Delta R.T.: 0.006 min
Response: 39948
Conc: 0.40 ug/ml



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

R.T.: 18.409 min
Delta R.T.: -0.031 min
Response: 39948
Conc: 0.27 ug/ml



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

R.T.: 18.617 min

Delta R.T.: -0.035 min

Response: 370836

Conc: 2.84 ug/ml

Instrument :

FID_G

ClientSampleId :

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