

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092024AR\
 Data File : FG014319.D
 Signal(s) : FID1A.ch
 Acq On : 20 Sep 2024 22:20
 Operator : YP\AJ
 Sample : P4104-24
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 WC-22A-EPH-4

Integration File: autoint1.e
 Quant Time: Sep 21 03:16:34 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	10948850	97.864 ug/ml
Spiked Amount 50.000		Recovery =	195.73%
6) S 2-Fluorobiphenyl (SURR)	8.747	8869774	121.827 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	243.65%#
11) S ortho-Terphenyl (SURR)	11.812	4981055	36.952 ug/ml
Spiked Amount 50.000		Recovery =	73.90%
Target Compounds			
2) T Naphthalene (C11.7)	6.186	890464	7.059 ug/ml
3) T 2-Methylnaphthalene (...)	7.241	3060767	24.031 ug/ml
5) T Acenaphthylene (C15.06)	8.540	4122967	31.721 ug/ml
7) T Acenaphthene (C15.5)	8.862	3005124	21.700 ug/ml
8) T Fluorene (C16.55)	9.659	1842489	14.214 ug/ml
9) T Phenanthrene (C19.36)	11.041	1495405	12.373 ug/ml
10) T Anthracene (C19.43)	11.128	1485081	10.704 ug/ml
12) T Fluoranthene (C21.85)	12.861	1358826	10.482 ug/ml
13) T Pyrene (C20.8)	13.194	328340	2.515 ug/ml
14) T Benzo[a]anthracene (C...	15.085	214328	1.884 ug/ml
15) T Chrysene (C27.41)	15.123	100236	0.709 ug/ml
16) T benzo[b]fluoranthene ...	16.608	123319	1.076 ug/ml
17) T Bnezo[k]fluoranthene ...	16.704	25691	0.191 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.988	38104	0.307 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.407	39532	0.400 ug/ml
20) T Dibenz[a,h]anthracene...	18.407	39532	0.269 ug/ml
21) T Benzo[g,h,i]perylene ...	18.615	116748	0.893 ug/ml

(f)=RT Delta > 1/2 Window

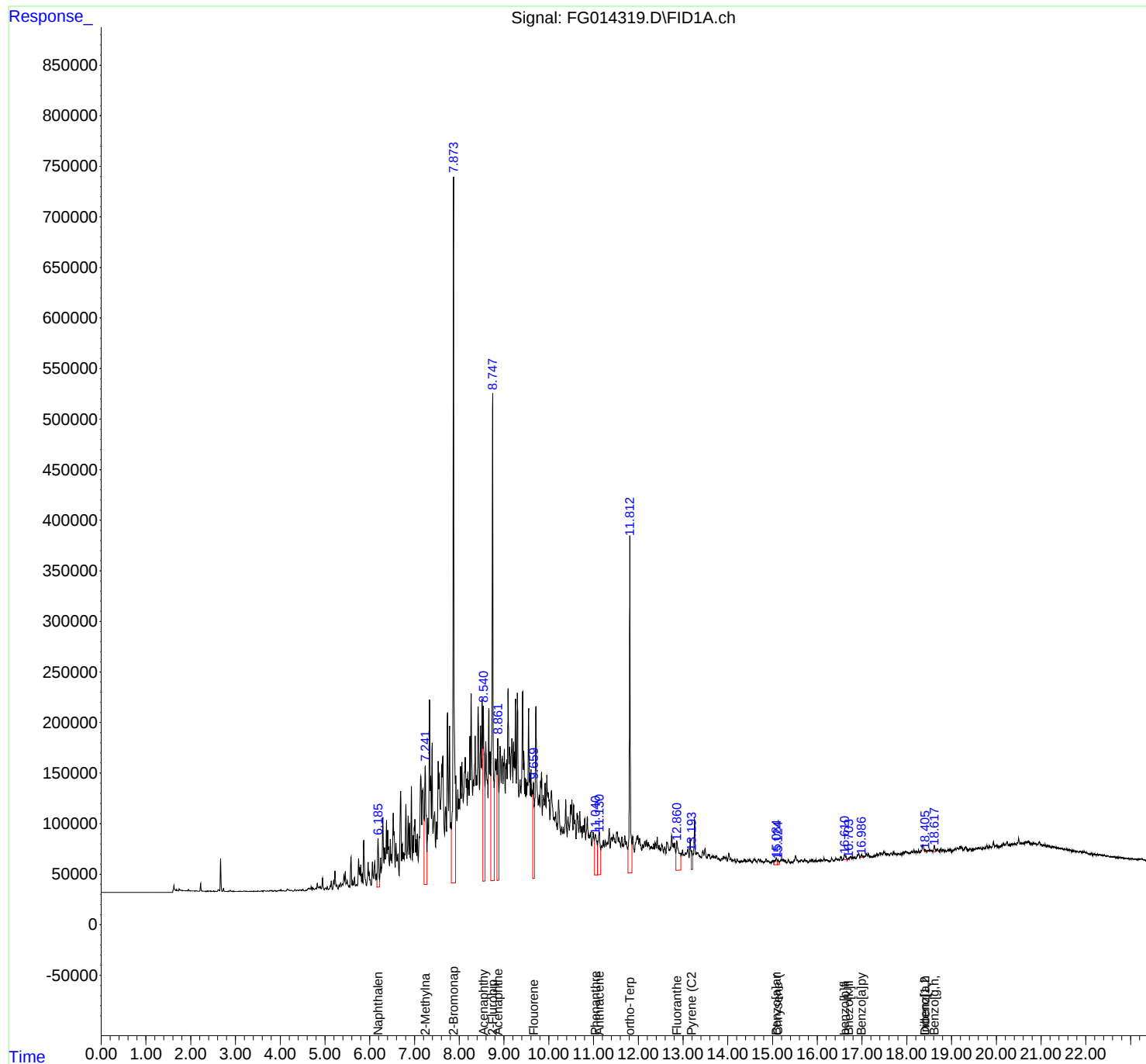
(m)=manual int.

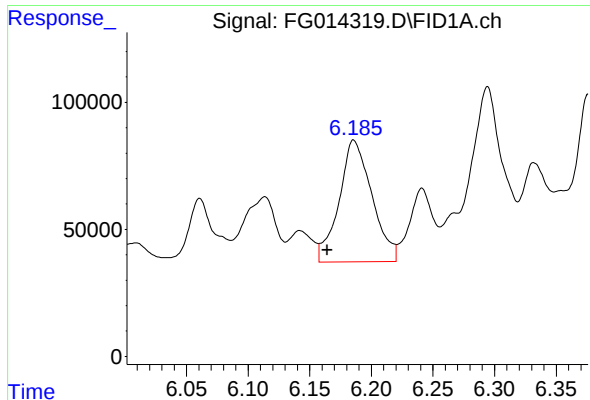
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092024AR\
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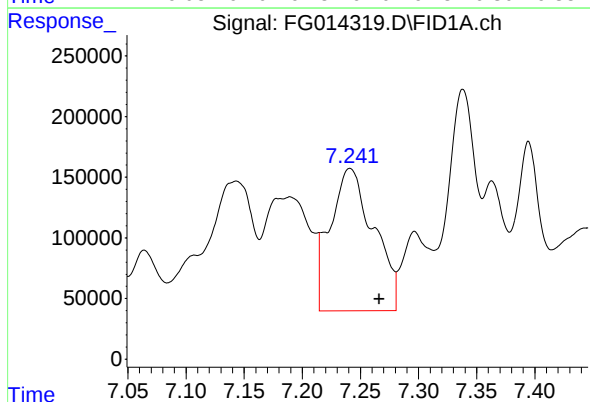




#2 Naphthalene (C11.7)

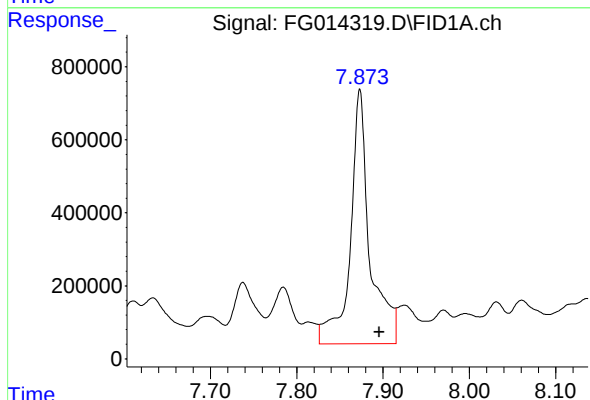
R.T.: 6.186 min
Delta R.T.: 0.022 min
Response: 890464
Conc: 7.06 ug/ml

Instrument :
FID_G
ClientSampleId :
WC-22A-EPH-4



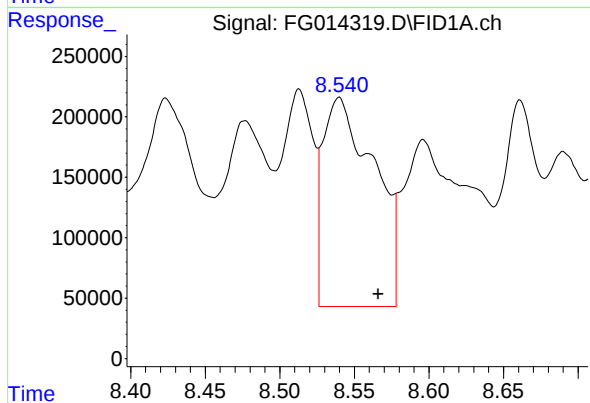
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.241 min
Delta R.T.: -0.025 min
Response: 3060767
Conc: 24.03 ug/ml



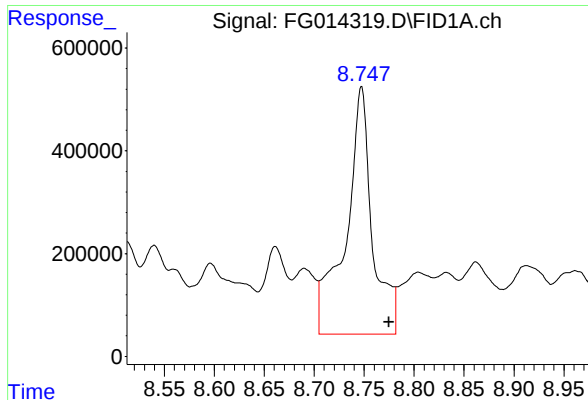
#4 2-Bromonaphthalene (SURR)

R.T.: 7.873 min
Delta R.T.: -0.022 min
Response: 10948850
Conc: 97.86 ug/ml



#5 Acenaphthylene (C15.06)

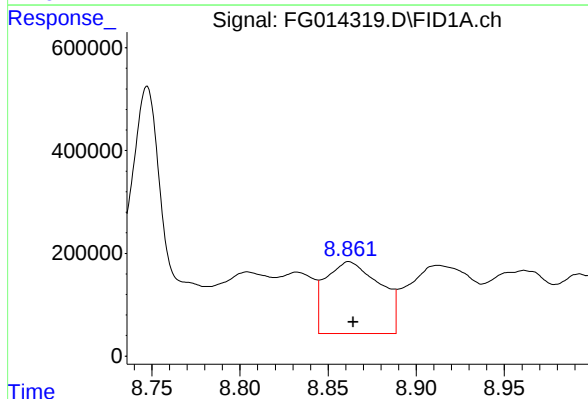
R.T.: 8.540 min
Delta R.T.: -0.026 min
Response: 4122967
Conc: 31.72 ug/ml



#6 2-Fluorobiphenyl (SURR)

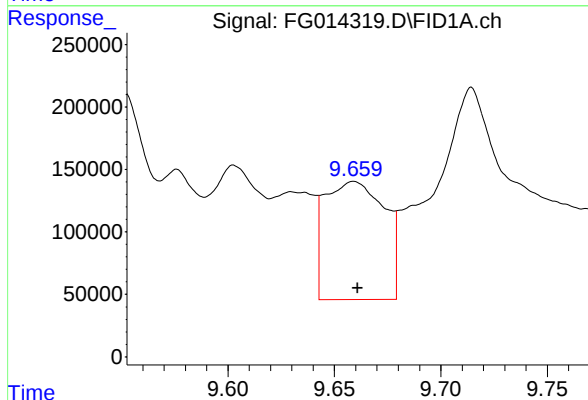
R.T.: 8.747 min
Delta R.T.: -0.028 min
Response: 8869774
Conc: 121.83 ug/ml

Instrument :
FID_G
ClientSampleId :
WC-22A-EPH-4



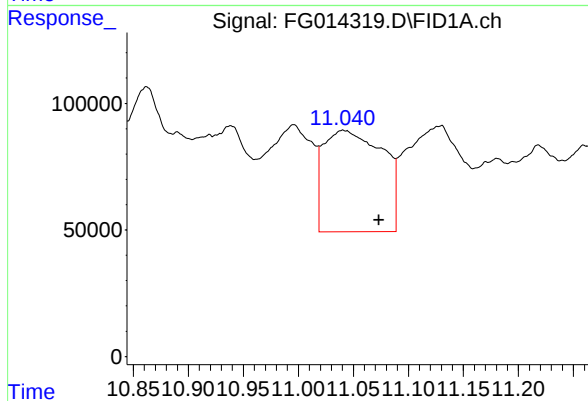
#7 Acenaphthene (C15.5)

R.T.: 8.862 min
Delta R.T.: -0.002 min
Response: 3005124
Conc: 21.70 ug/ml



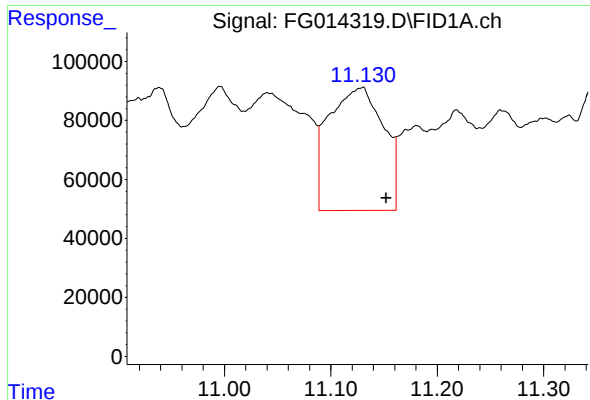
#8 Flouorene (C16.55)

R.T.: 9.659 min
Delta R.T.: -0.002 min
Response: 1842489
Conc: 14.21 ug/ml



#9 Phenanthrene (C19.36)

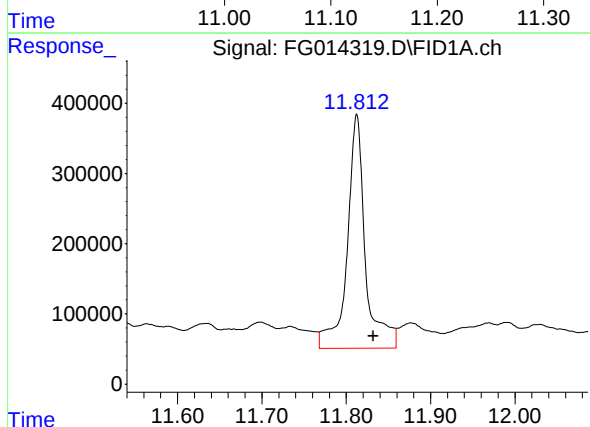
R.T.: 11.041 min
Delta R.T.: -0.032 min
Response: 1495405
Conc: 12.37 ug/ml



#10 Anthracene (C19.43)

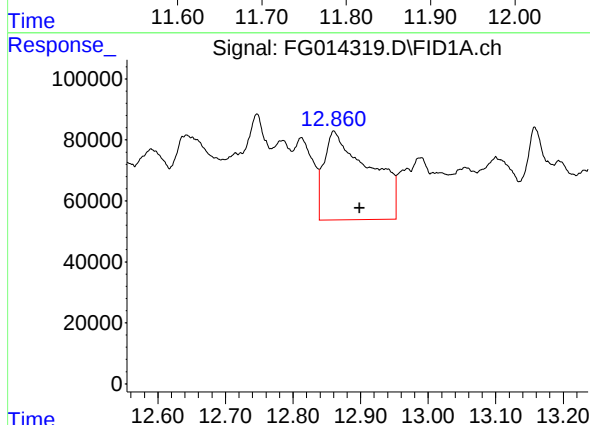
R.T.: 11.128 min
Delta R.T.: -0.024 min
Response: 1485081
Conc: 10.70 ug/ml

Instrument :
FID_G
ClientSampleId :
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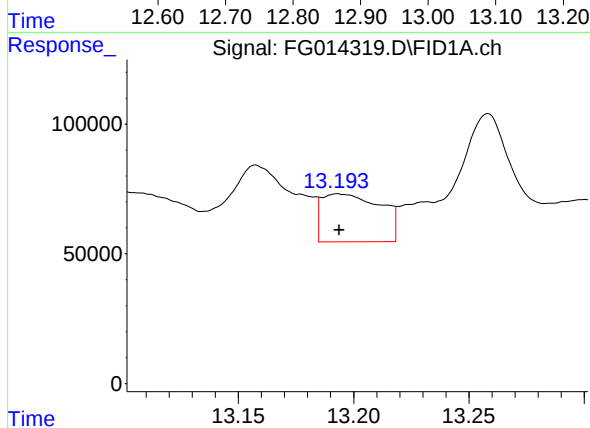
#11 ortho-Terphenyl (SURR)

R.T.: 11.812 min
Delta R.T.: -0.020 min
Response: 4981055
Conc: 36.95 ug/ml



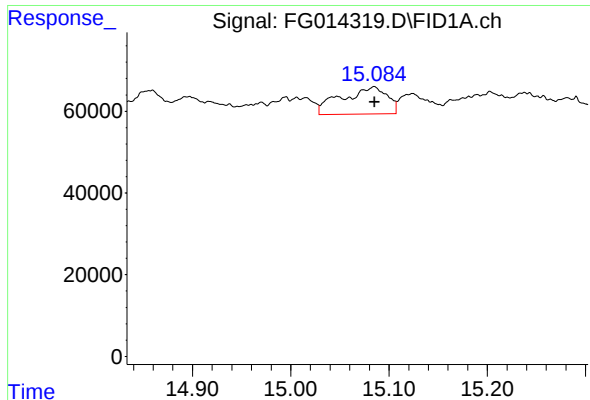
#12 Fluoranthene (C21.85)

R.T.: 12.861 min
Delta R.T.: -0.038 min
Response: 1358826
Conc: 10.48 ug/ml



#13 Pyrene (C20.8)

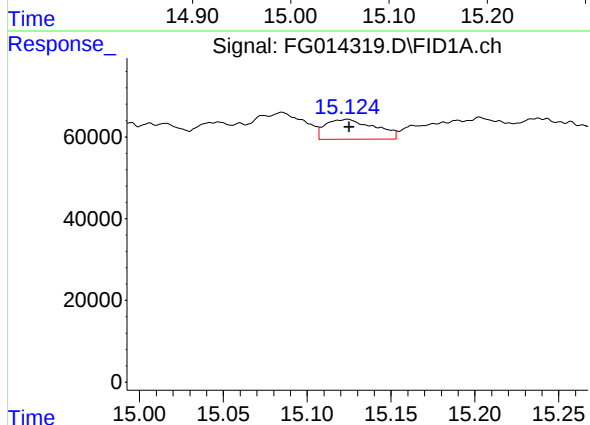
R.T.: 13.194 min
Delta R.T.: 0.000 min
Response: 328340
Conc: 2.51 ug/ml



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

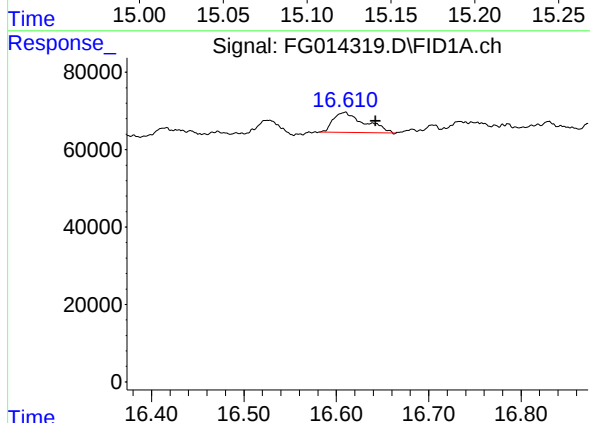
R.T.: 15.085 min
Delta R.T.: 0.000 min
Response: 214328
Conc: 1.88 ug/ml

Instrument :
FID_G
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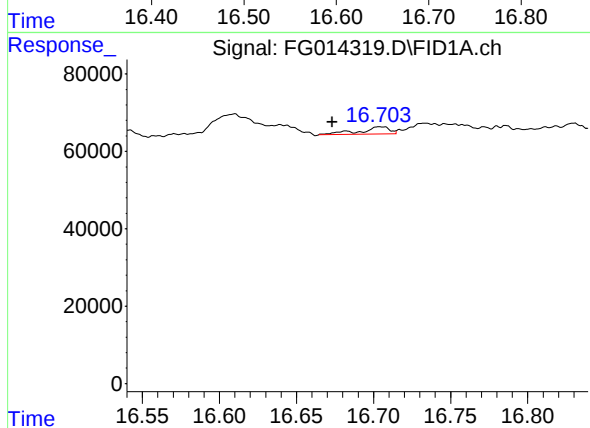
#15 Chrysene (C27.41)

R.T.: 15.123 min
Delta R.T.: -0.002 min
Response: 100236
Conc: 0.71 ug/ml



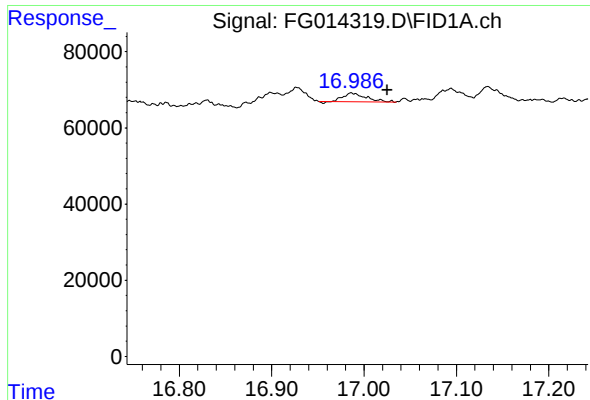
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.608 min
Delta R.T.: -0.034 min
Response: 123319
Conc: 1.08 ug/ml



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

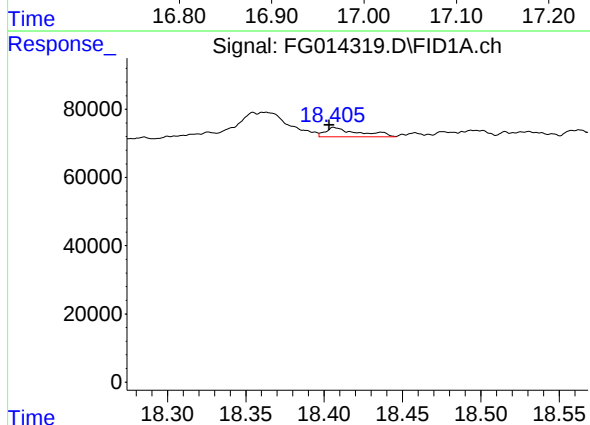
R.T.: 16.704 min
Delta R.T.: 0.031 min
Response: 25691
Conc: 0.19 ug/ml



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

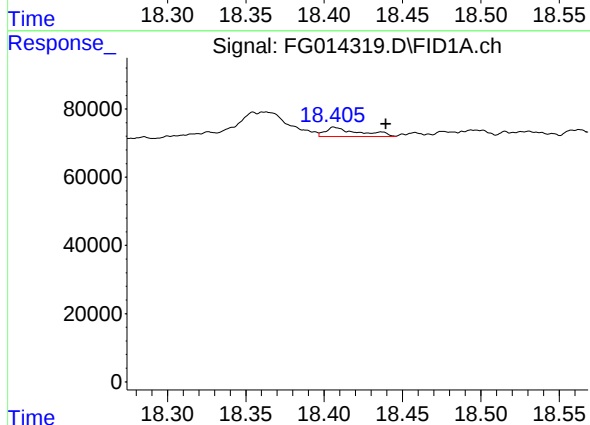
R.T.: 16.988 min
Delta R.T.: -0.037 min
Response: 38104
Conc: 0.31 ug/ml

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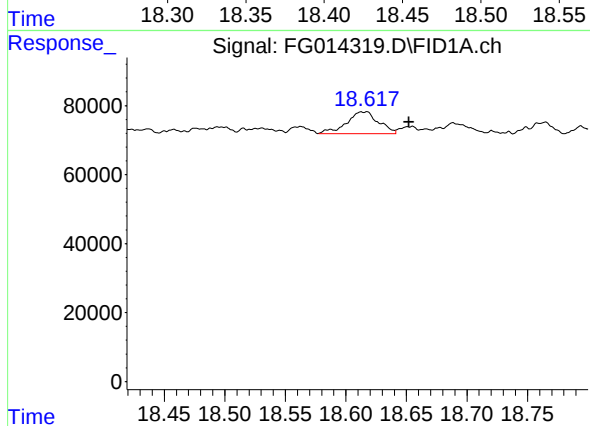
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.407 min
Delta R.T.: 0.004 min
Response: 39532
Conc: 0.40 ug/ml



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

R.T.: 18.407 min
Delta R.T.: -0.032 min
Response: 39532
Conc: 0.27 ug/ml



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

R.T.: 18.615 min
Delta R.T.: -0.037 min
Response: 116748
Conc: 0.89 ug/ml