

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092024AR\
 Data File : FG014312.D
 Signal(s) : FID1A.ch
 Acq On : 20 Sep 2024 17:28
 Operator : YP\AJ
 Sample : P4104-14DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 WC-14-7.5-10A-EPH-4DL

Integration File: autoint1.e
 Quant Time: Sep 21 03:15:08 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...	7.871	2957168	26.432 ug/ml
Spiked Amount 50.000		Recovery =	52.86%
6) S 2-Fluorobiphenyl (SURR)	8.744	2846759	39.100 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	78.20%
11) S ortho-Terphenyl (SURR)	11.847	2120781	15.733 ug/ml
Spiked Amount 50.000		Recovery =	31.47%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.476	25731	0.200 ug/ml
2) T Naphthalene (C11.7)	6.145	154858	1.228 ug/ml
3) T 2-Methylnaphthalene (...)	7.243	6540117	51.349 ug/ml
5) T Acenaphthylene (C15.06)	8.599	1322215	10.173 ug/ml
7) T Acenaphthene (C15.5)	8.861	727555	5.254 ug/ml
8) T Fluorene (C16.55)	9.659	1496269	11.543 ug/ml
9) T Phenanthrene (C19.36)	11.041	4202609	34.773 ug/ml
10) T Anthracene (C19.43)	11.131	2946026	21.235 ug/ml
12) T Fluoranthene (C21.85)	12.922	896596	6.916 ug/ml
13) T Pyrene (C20.8)	13.161	2231271	17.088 ug/ml
14) T Benzo[a]anthracene (C...	15.087	206333	1.814 ug/ml
15) T Chrysene (C27.41)	15.087	206333	1.460 ug/ml
16) T benzo[b]fluoranthene ...	16.615	57547	0.502 ug/ml
17) T Bnezo[k]fluoranthene ...	16.709	37564	0.279 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.372	49787	0.504 ug/ml
20) T Dibenz[a,h]anthracene...	18.483	59457	0.404 ug/ml
21) T Benzo[g,h,i]perylene ...	18.623	63769	0.488 ug/ml

(f)=RT Delta > 1/2 Window

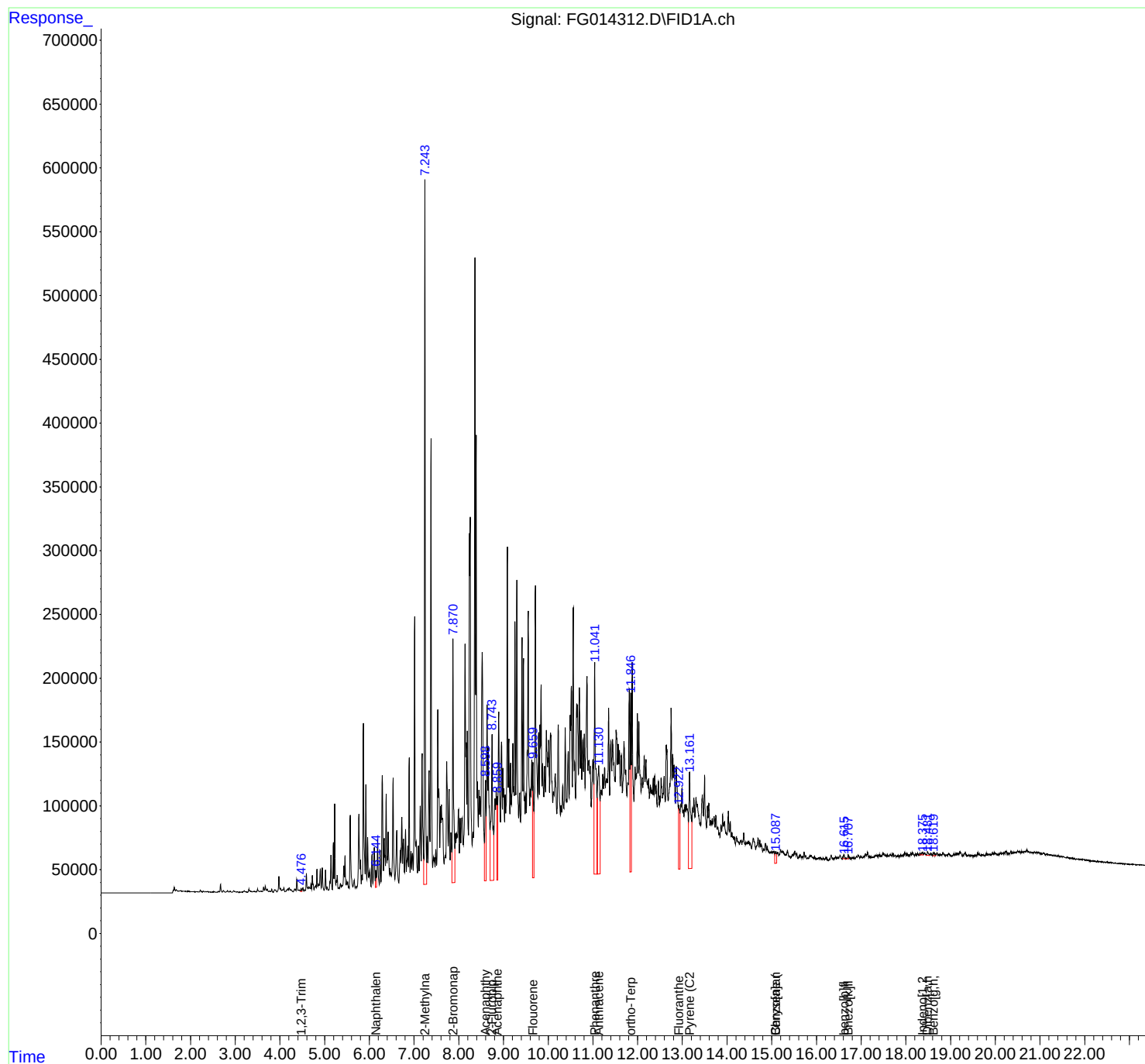
(m)=manual int.

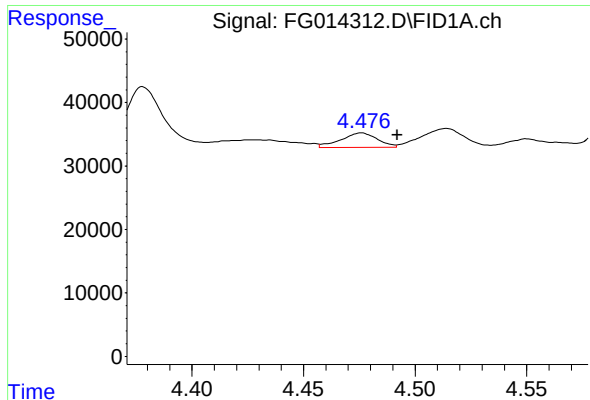
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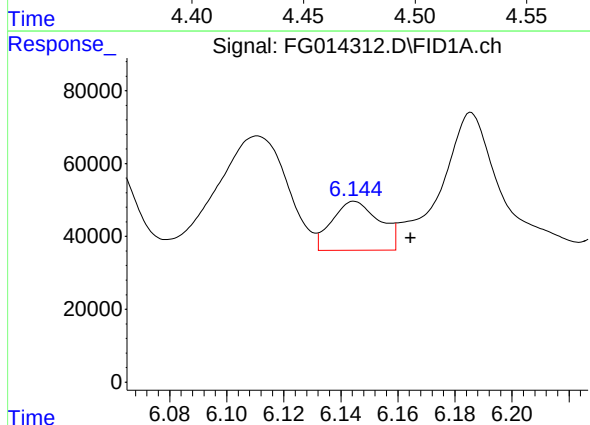




#1 1,2,3-Trimethylbenzene (C10.1)

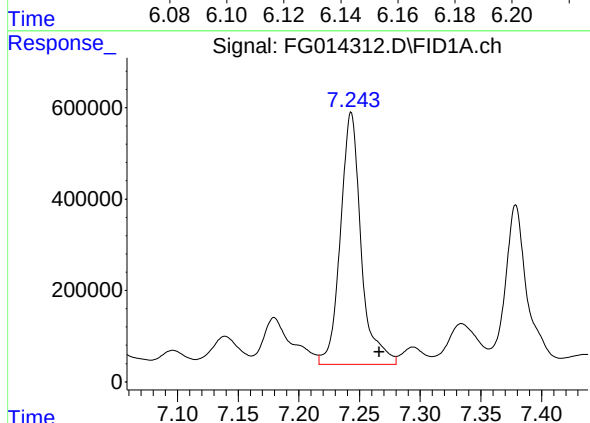
R.T.: 4.476 min
Delta R.T.: -0.016 min
Response: 25731
Conc: 0.20 ug/ml

Instrument :
FID_G
ClientSampleId :
WC-14-7.5-10A-EPH-4DL



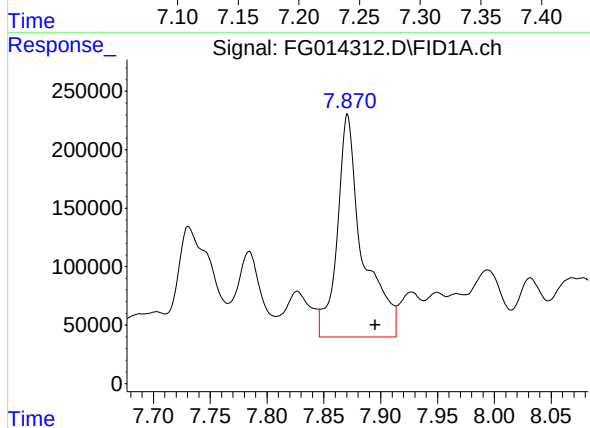
#2 Naphthalene (C11.7)

R.T.: 6.145 min
Delta R.T.: -0.019 min
Response: 154858
Conc: 1.23 ug/ml



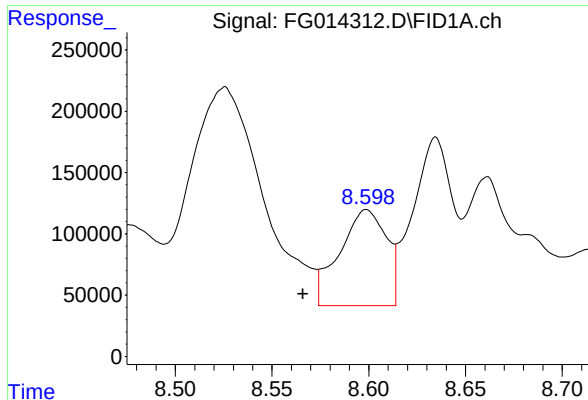
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.243 min
Delta R.T.: -0.023 min
Response: 6540117
Conc: 51.35 ug/ml



#4 2-Bromonaphthalene (SURR)

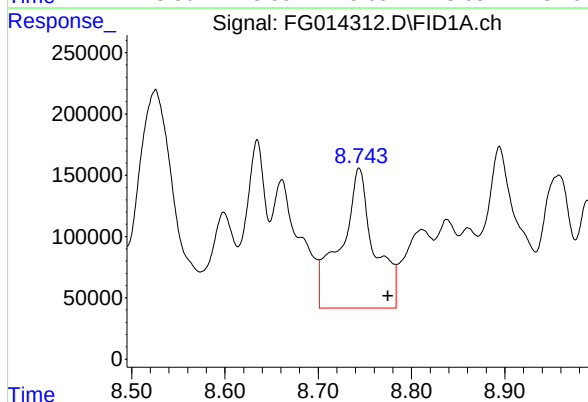
R.T.: 7.871 min
Delta R.T.: -0.024 min
Response: 2957168
Conc: 26.43 ug/ml



#5 Acenaphthylene (C15.06)

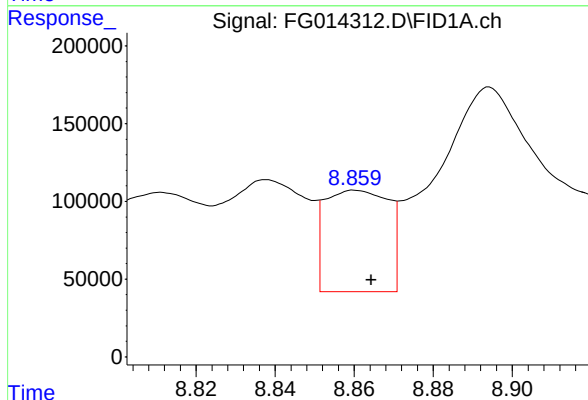
R.T.: 8.599 min
Delta R.T.: 0.033 min
Response: 1322215
Conc: 10.17 ug/ml

Instrument :
FID_G
ClientSampleId :
WC-14-7.5-10A-EPH-4DL



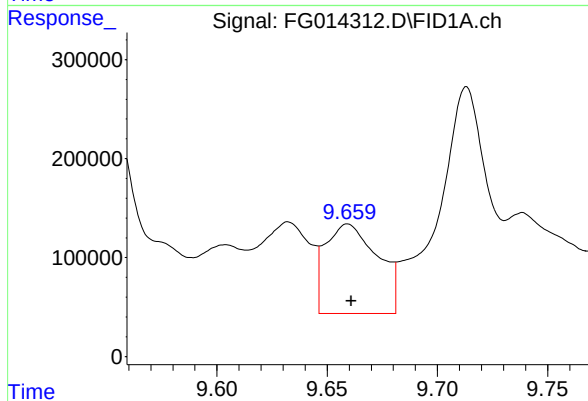
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.744 min
Delta R.T.: -0.031 min
Response: 2846759
Conc: 39.10 ug/ml



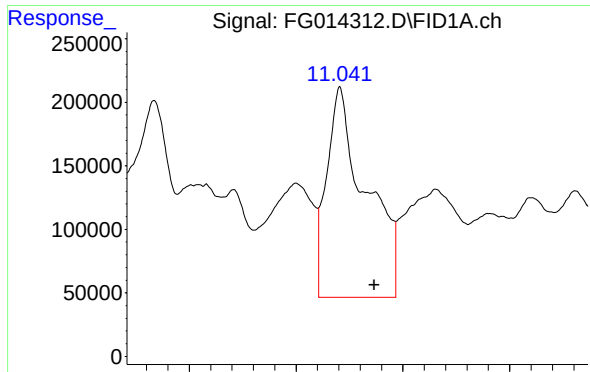
#7 Acenaphthene (C15.5)

R.T.: 8.861 min
Delta R.T.: -0.004 min
Response: 727555
Conc: 5.25 ug/ml



#8 Fluorene (C16.55)

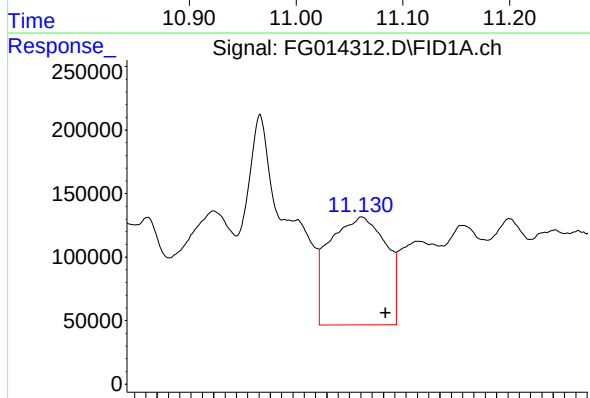
R.T.: 9.659 min
Delta R.T.: -0.002 min
Response: 1496269
Conc: 11.54 ug/ml



#9 Phenanthrene (C19.36)

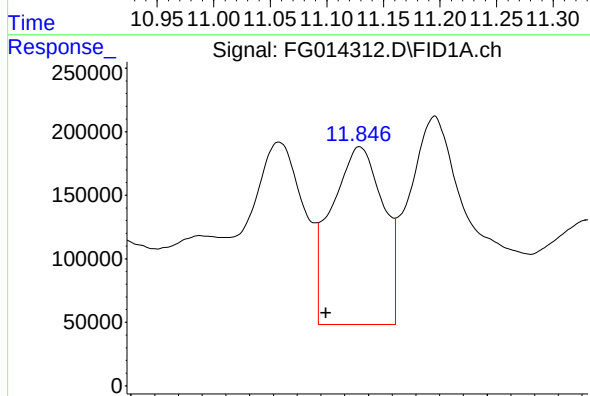
R.T.: 11.041 min
Delta R.T.: -0.032 min
Response: 4202609
Conc: 34.77 ug/ml

Instrument :
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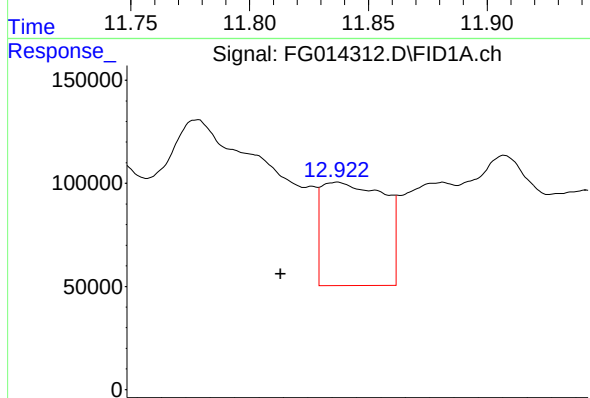
#10 Anthracene (C19.43)

R.T.: 11.131 min
Delta R.T.: -0.021 min
Response: 2946026
Conc: 21.23 ug/ml



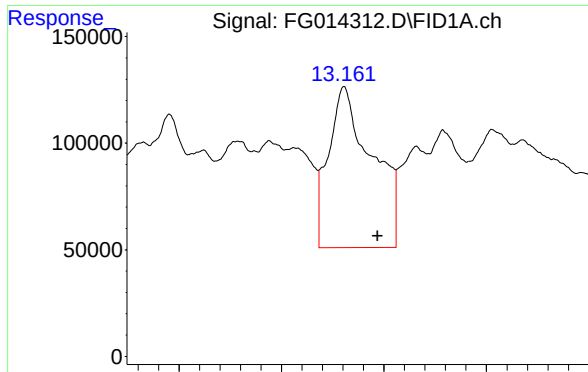
#11 ortho-Terphenyl (SURR)

R.T.: 11.847 min
Delta R.T.: 0.014 min
Response: 2120781
Conc: 15.73 ug/ml



#12 Fluoranthene (C21.85)

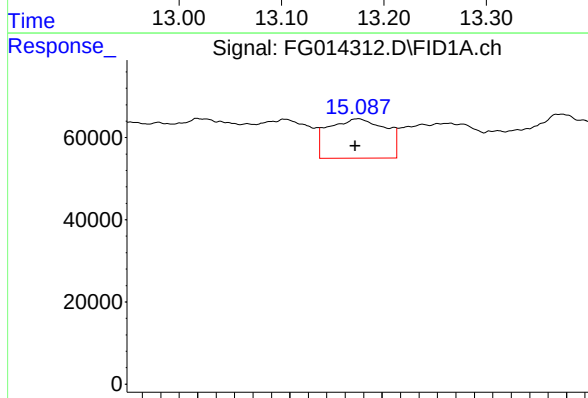
R.T.: 12.922 min
Delta R.T.: 0.023 min
Response: 896596
Conc: 6.92 ug/ml



#13 Pyrene (C20.8)

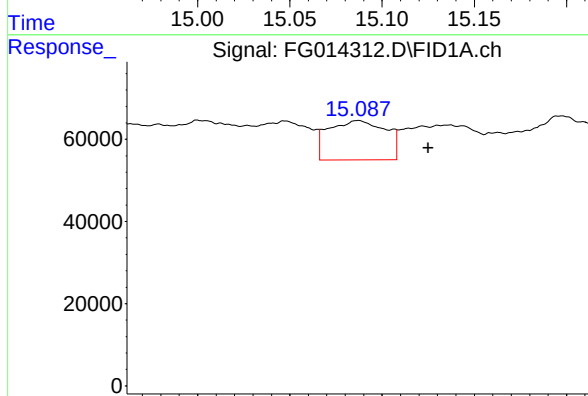
R.T.: 13.161 min
Delta R.T.: -0.033 min
Response: 2231271
Conc: 17.09 ug/ml

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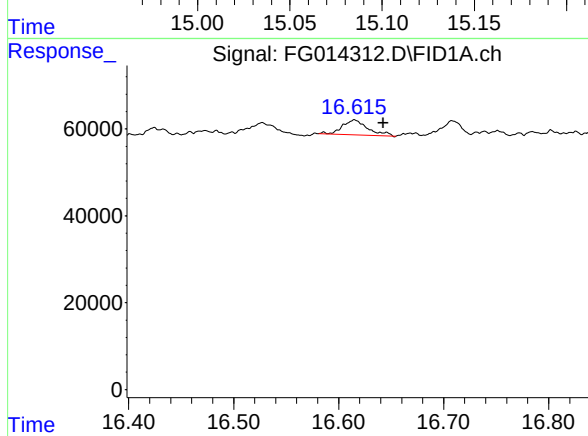
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.087 min
Delta R.T.: 0.002 min
Response: 206333
Conc: 1.81 ug/ml



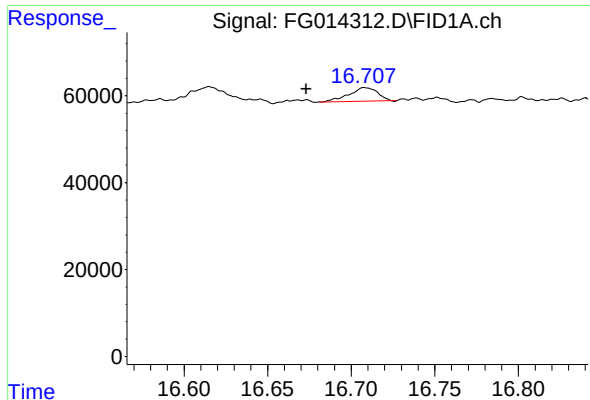
#15 Chrysene (C27.41)

R.T.: 15.087 min
Delta R.T.: -0.038 min
Response: 206333
Conc: 1.46 ug/ml



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

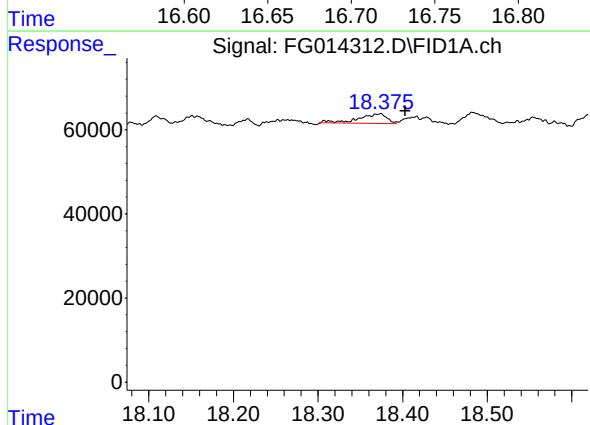
R.T.: 16.615 min
Delta R.T.: -0.028 min
Response: 57547
Conc: 0.50 ug/ml



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

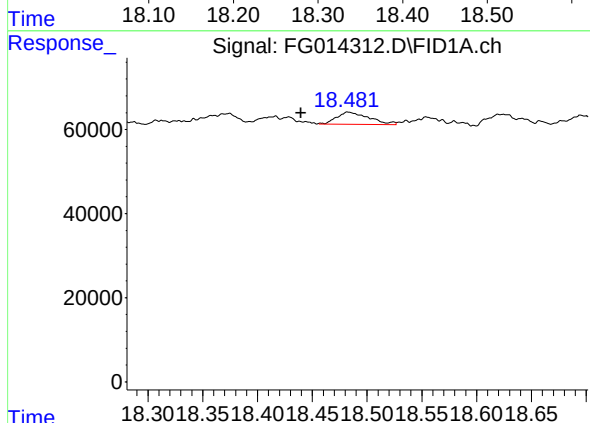
R.T.: 16.709 min
Delta R.T.: 0.036 min
Response: 37564
Conc: 0.28 ug/ml

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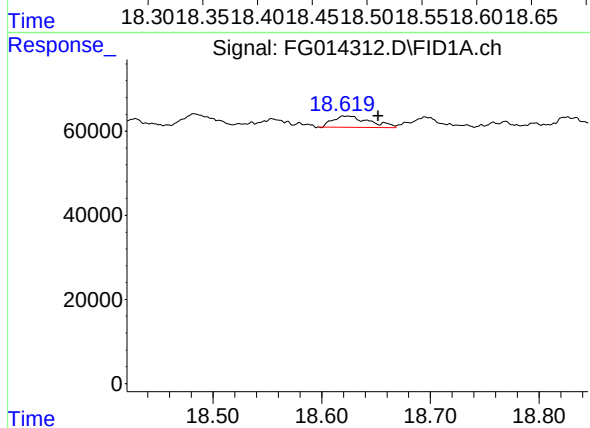
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.372 min
Delta R.T.: -0.031 min
Response: 49787
Conc: 0.50 ug/ml



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

R.T.: 18.483 min
Delta R.T.: 0.044 min
Response: 59457
Conc: 0.40 ug/ml



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

R.T.: 18.623 min
Delta R.T.: -0.029 min
Response: 63769
Conc: 0.49 ug/ml