

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092324AR\
 Data File : FG014331.D
 Signal(s) : FID1A.ch
 Acq On : 23 Sep 2024 10:48
 Operator : YP\AJ
 Sample : P4104-28
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 24 01:30:25 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...	7.870	5796999	51.815 ug/ml
Spiked Amount 50.000		Recovery =	103.63%
6) S 2-Fluorobiphenyl (SURR)	8.743	4043976	55.544 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	111.09%
11) S ortho-Terphenyl (SURR)	11.811	4220407	31.309 ug/ml
Spiked Amount 50.000		Recovery =	62.62%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.473	61879	0.481 ug/ml
2) T Naphthalene (C11.7)	6.145	77345	0.613 ug/ml
3) T 2-Methylnaphthalene (...)	7.246	87263	0.685 ug/ml
5) T Acenaphthylene (C15.06)	8.543	39208	0.302 ug/ml
8) T Fluorene (C16.55)	9.642	66272	0.511 ug/ml
10) T Anthracene (C19.43)	11.220	27298	0.197 ug/ml
12) T Fluoranthene (C21.85)	12.867	27465	0.212 ug/ml
13) T Pyrene (C20.8)	13.161	35057	0.268 ug/ml
14) T Benzo[a]anthracene (C...	15.084	93214	0.819 ug/ml
15) T Chrysene (C27.41)	15.120	39743	0.281 ug/ml
16) T benzo[b]fluoranthene ...	16.607	139846	1.220 ug/ml
17) T Bnezo[k]fluoranthene ...	16.706	22403	0.167 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.986	52746	0.424 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.404	104490	1.057 ug/ml
20) T Dibenz[a,h]anthracene...	18.404	104490	0.710 ug/ml
21) T Benzo[g,h,i]perylene ...	18.689	52098	0.399 ug/ml

(f)=RT Delta > 1/2 Window

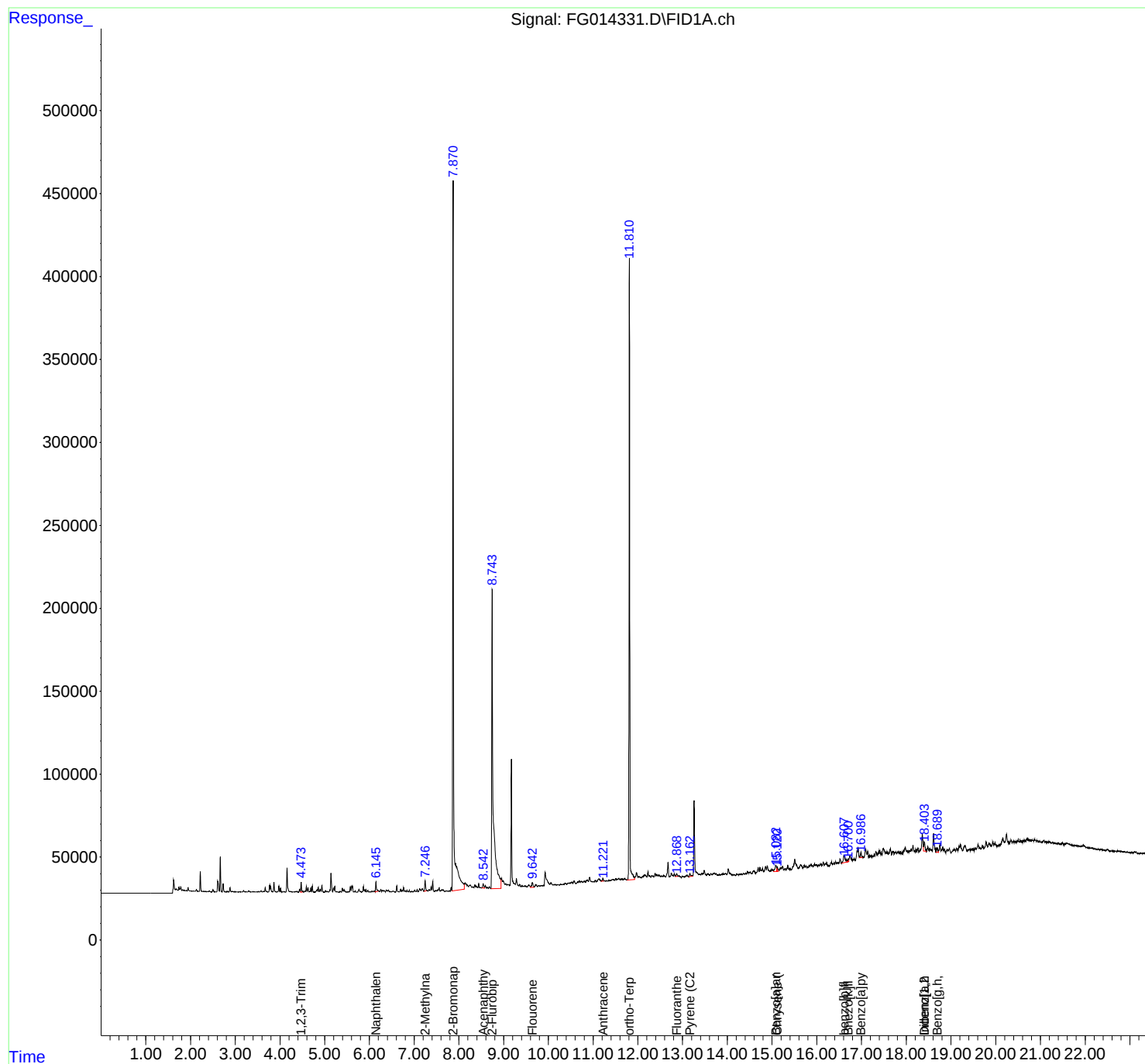
(m)=manual int.

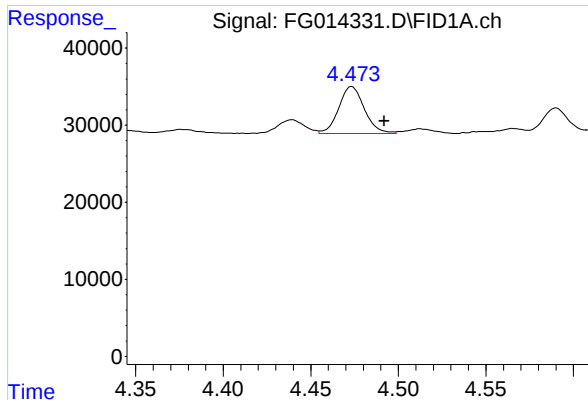
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Signal Info : 20M x 0.18mm x 0.18µm

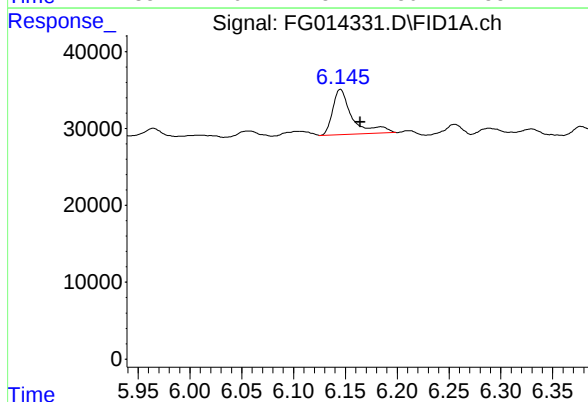




#1 1,2,3-Trimethylbenzene (C10.1)

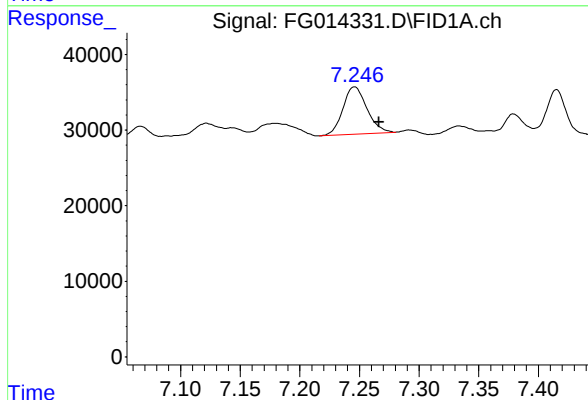
R.T.: 4.473 min
Delta R.T.: -0.019 min
Response: 61879
Conc: 0.48 ug/ml

Instrument :
FID_G
ClientSampleId :



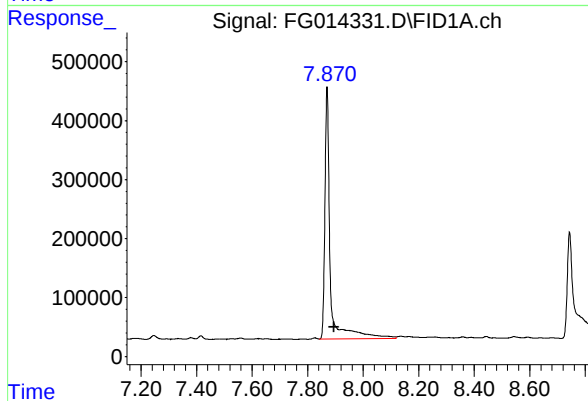
#2 Naphthalene (C11.7)

R.T.: 6.145 min
Delta R.T.: -0.019 min
Response: 77345
Conc: 0.61 ug/ml



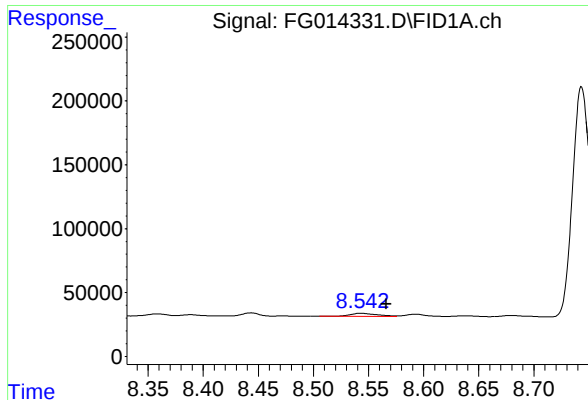
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.246 min
Delta R.T.: -0.020 min
Response: 87263
Conc: 0.69 ug/ml



#4 2-Bromonaphthalene (SURR)

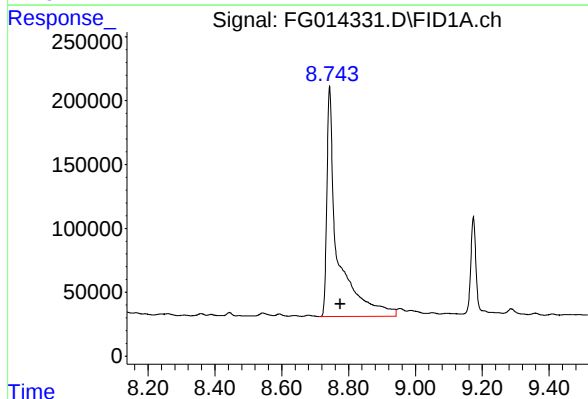
R.T.: 7.870 min
Delta R.T.: -0.026 min
Response: 5796999
Conc: 51.82 ug/ml



#5 Acenaphthylene (C15.06)

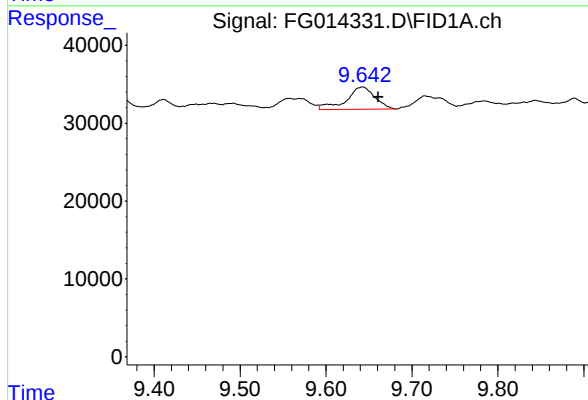
R.T.: 8.543 min
Delta R.T.: -0.023 min
Response: 39208
Conc: 0.30 ug/ml

Instrument :
FID_G
ClientSampleId :



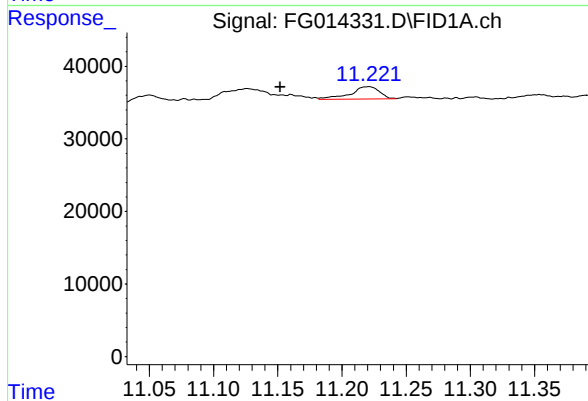
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.743 min
Delta R.T.: -0.031 min
Response: 4043976
Conc: 55.54 ug/ml



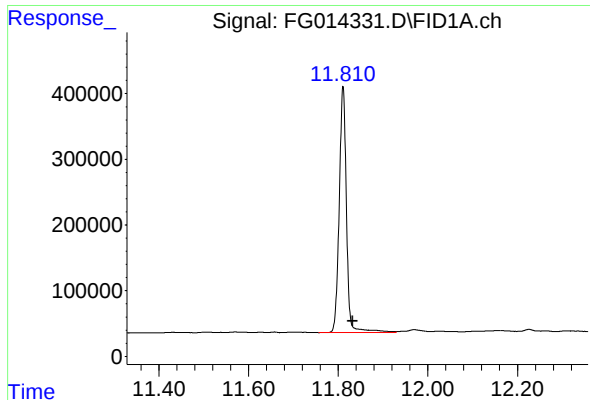
#8 Fluorene (C16.55)

R.T.: 9.642 min
Delta R.T.: -0.019 min
Response: 66272
Conc: 0.51 ug/ml



#10 Anthracene (C19.43)

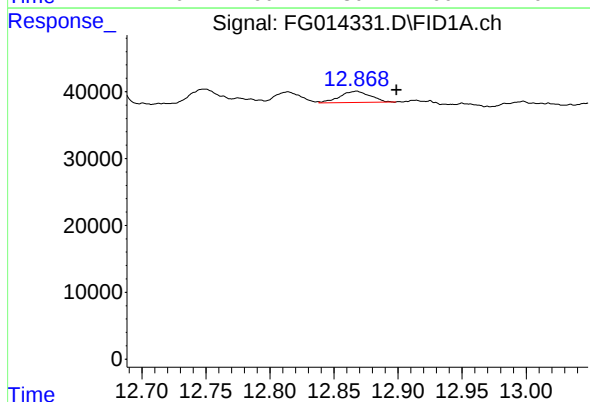
R.T.: 11.220 min
Delta R.T.: 0.068 min
Response: 27298
Conc: 0.20 ug/ml



#11 ortho-Terphenyl (SURR)

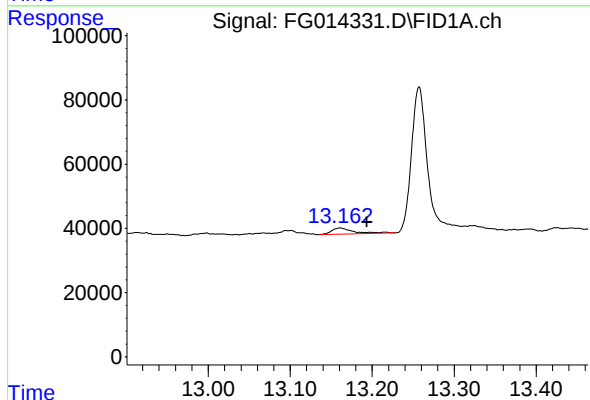
R.T.: 11.811 min
Delta R.T.: -0.022 min
Response: 4220407
Conc: 31.31 ug/ml

Instrument :
FID_G
ClientSampleId :



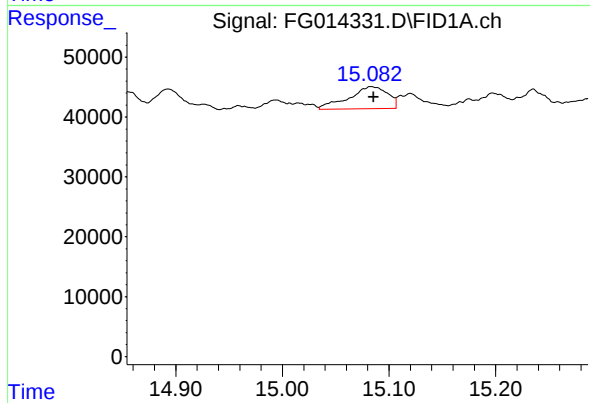
#12 Fluoranthene (C21.85)

R.T.: 12.867 min
Delta R.T.: -0.032 min
Response: 27465
Conc: 0.21 ug/ml



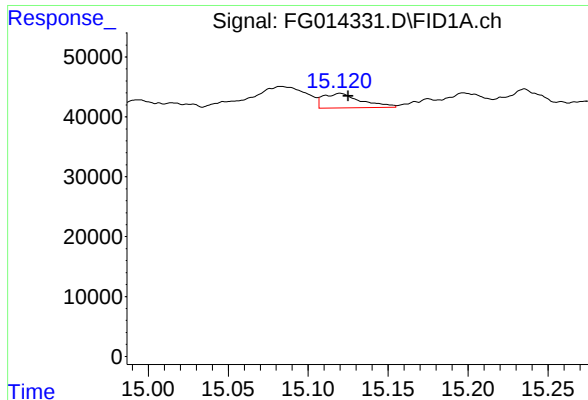
#13 Pyrene (C20.8)

R.T.: 13.161 min
Delta R.T.: -0.033 min
Response: 35057
Conc: 0.27 ug/ml



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

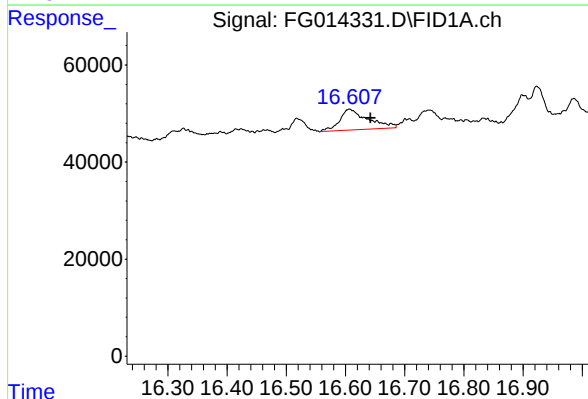
R.T.: 15.084 min
Delta R.T.: -0.001 min
Response: 93214
Conc: 0.82 ug/ml



#15 Chrysene (C27.41)

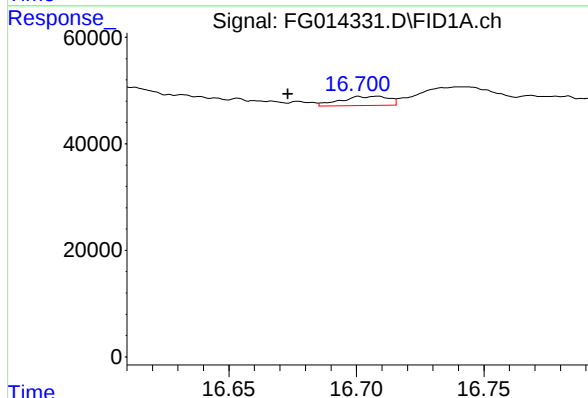
R.T.: 15.120 min
Delta R.T.: -0.005 min
Response: 39743
Conc: 0.28 ug/ml

Instrument :
FID_G
ClientSampleId :



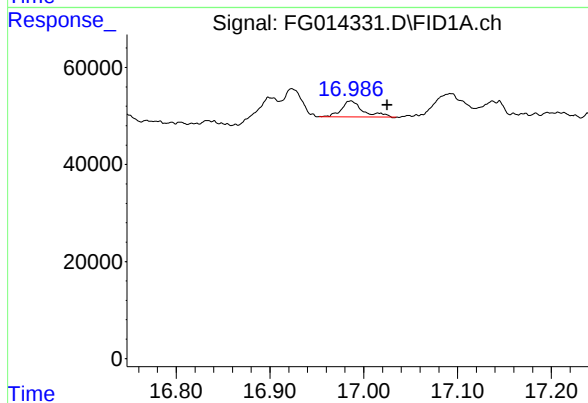
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.607 min
Delta R.T.: -0.036 min
Response: 139846
Conc: 1.22 ug/ml



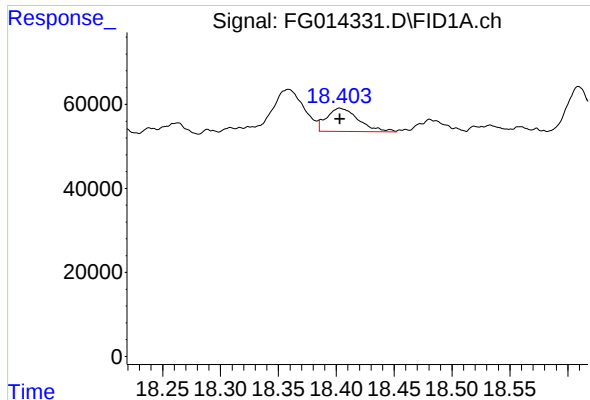
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.706 min
Delta R.T.: 0.033 min
Response: 22403
Conc: 0.17 ug/ml



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

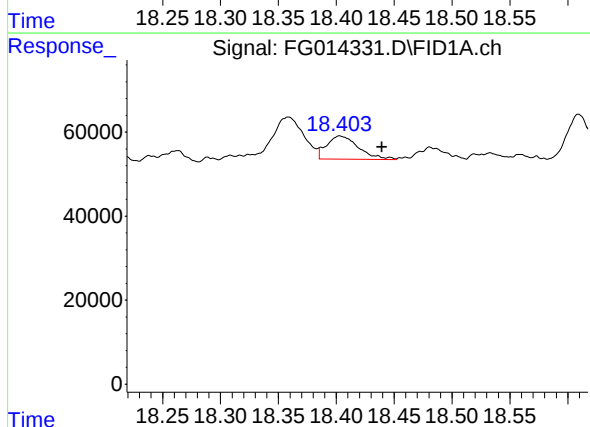
R.T.: 16.986 min
Delta R.T.: -0.039 min
Response: 52746
Conc: 0.42 ug/ml



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

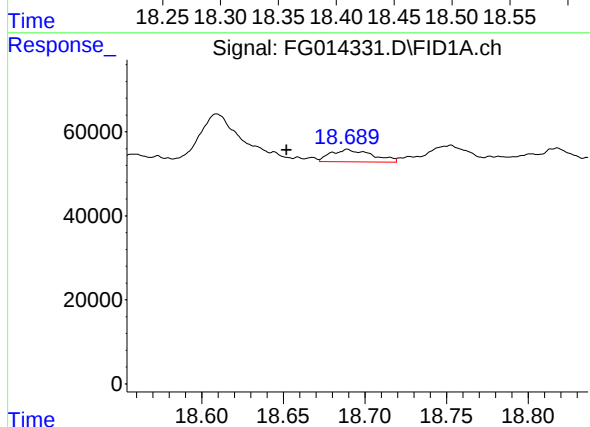
R.T.: 18.404 min
Delta R.T.: 0.000 min
Response: 104490
Conc: 1.06 ug/ml

Instrument :
FID_G
ClientSampleId :



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

R.T.: 18.404 min
Delta R.T.: -0.036 min
Response: 104490
Conc: 0.71 ug/ml



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

R.T.: 18.689 min
Delta R.T.: 0.037 min
Response: 52098
Conc: 0.40 ug/ml