

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091924AR\
 Data File : FG014282.D
 Signal(s) : FID1A.ch
 Acq On : 19 Sep 2024 20:27
 Operator : YP\AJ
 Sample : P4103-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 20 02:47:08 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...	7.874	6024842	53.852 ug/ml
Spiked Amount 50.000		Recovery =	107.70%
6) S 2-Fluorobiphenyl (SURR)	8.747	4360678	59.894 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	119.79%
11) S ortho-Terphenyl (SURR)	11.847	985745	7.313 ug/ml
Spiked Amount 50.000		Recovery =	14.63%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.478	29915	0.232 ug/ml
2) T Naphthalene (C11.7)	6.148	64344	0.510 ug/ml
3) T 2-Methylnaphthalene (...)	7.244	2332942	18.317 ug/ml
5) T Acenaphthylene (C15.06)	8.601	660969	5.085 ug/ml
7) T Acenaphthene (C15.5)	8.881	333931	2.411 ug/ml
8) T Flouorene (C16.55)	9.660	715543	5.520 ug/ml
9) T Phenanthrene (C19.36)	11.041	2372103	19.627 ug/ml
10) T Anthracene (C19.43)	11.125	1237147	8.917 ug/ml
12) T Fluoranthene (C21.85)	12.864	1393070	10.746 ug/ml
13) T Pyrene (C20.8)	13.161	1050574	8.046 ug/ml
14) T Benzo[a]anthracene (C...	15.092	258289	2.270 ug/ml
15) T Chrysene (C27.41)	15.092	258289	1.827 ug/ml
16) T benzo[b]fluoranthene ...	16.616	222860	1.944 ug/ml
17) T Bnezo[k]fluoranthene ...	16.616f	222860	1.657 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.998	71771	0.578 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.412	53849	0.545 ug/ml
20) T Dibenz[a,h]anthracene...	18.412	53849	0.366 ug/ml
21) T Benzo[g,h,i]perylene ...	18.623	91414	0.699 ug/ml

(f)=RT Delta > 1/2 Window

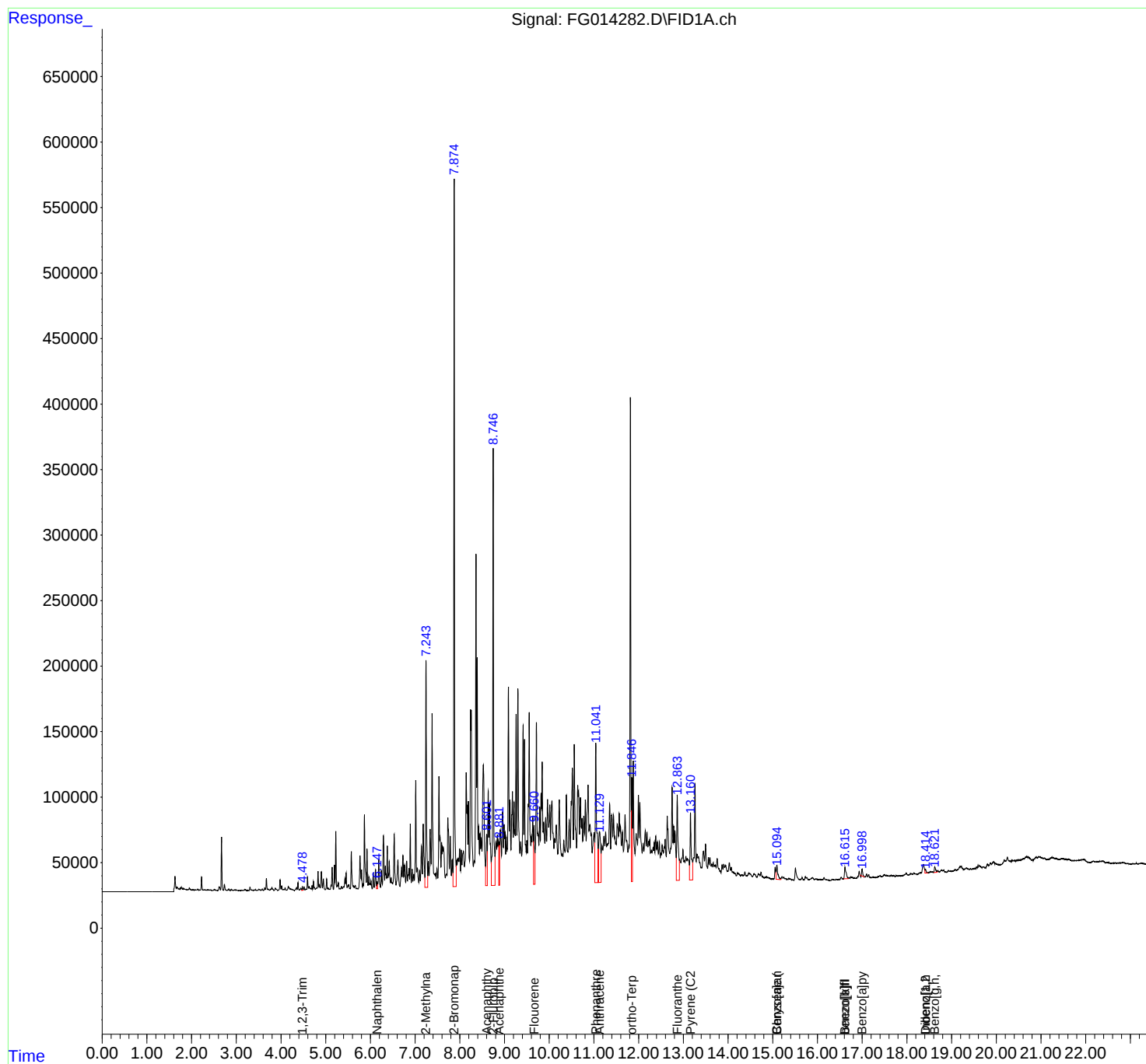
(m)=manual int.

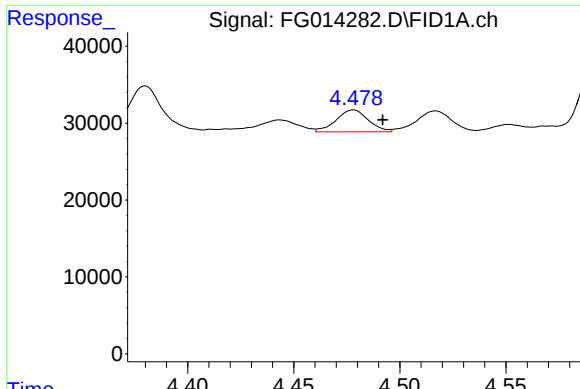
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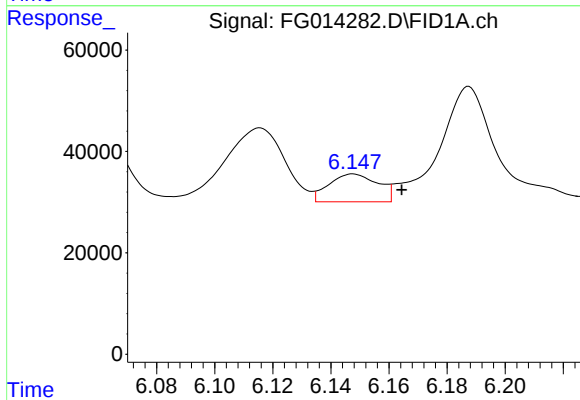




#1 1,2,3-Trimethylbenzene (C10.1)

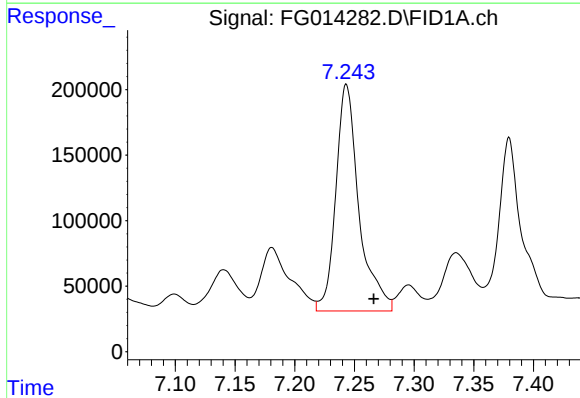
R.T.: 4.478 min
Delta R.T.: -0.014 min
Response: 29915
Conc: 0.23 ug/ml

Instrument :
FID_G
ClientSampleId :



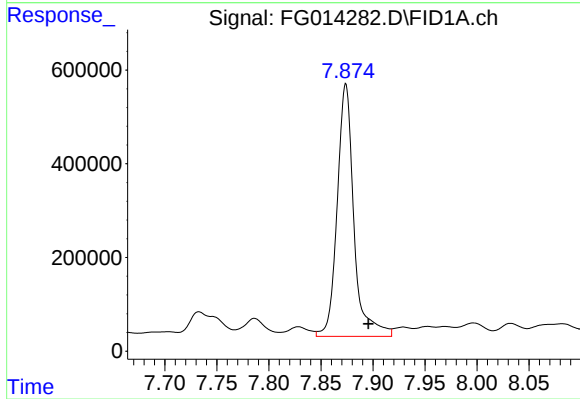
#2 Naphthalene (C11.7)

R.T.: 6.148 min
Delta R.T.: -0.017 min
Response: 64344
Conc: 0.51 ug/ml



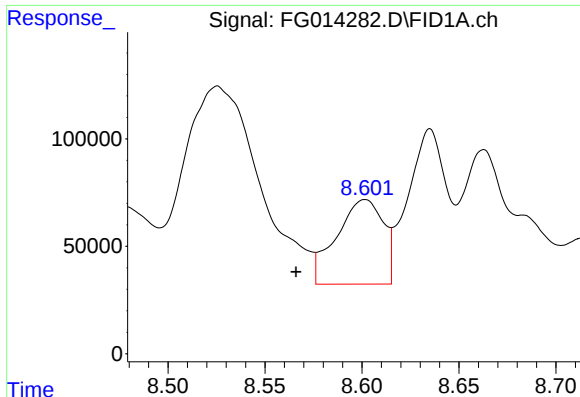
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.244 min
Delta R.T.: -0.023 min
Response: 2332942
Conc: 18.32 ug/ml



#4 2-Bromonaphthalene (SURR)

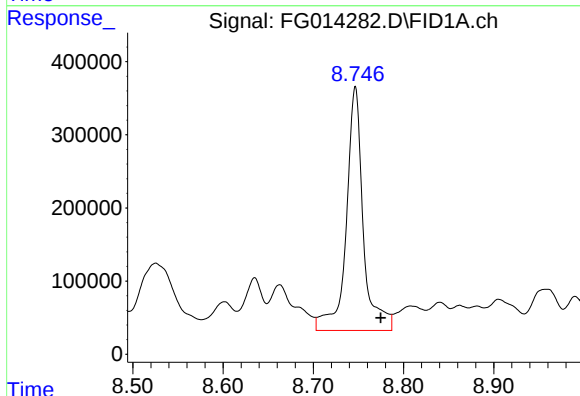
R.T.: 7.874 min
Delta R.T.: -0.022 min
Response: 6024842
Conc: 53.85 ug/ml



#5 Acenaphthylene (C15.06)

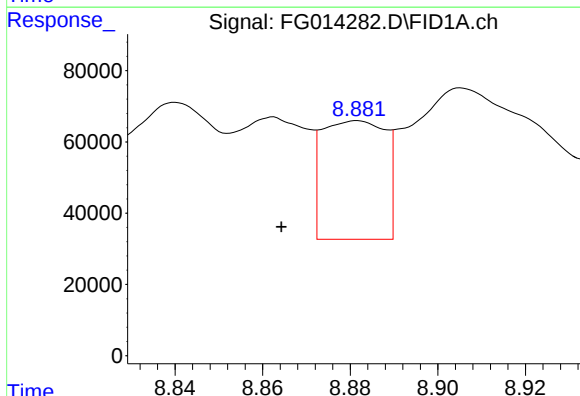
R.T.: 8.601 min
Delta R.T.: 0.035 min
Response: 660969
Conc: 5.09 ug/ml

Instrument :
FID_G
ClientSampleId :



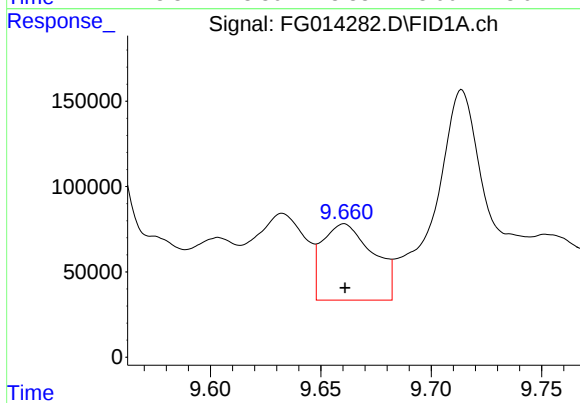
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.747 min
Delta R.T.: -0.028 min
Response: 4360678
Conc: 59.89 ug/ml



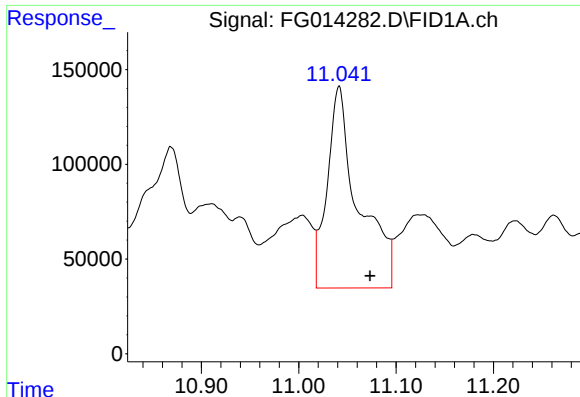
#7 Acenaphthene (C15.5)

R.T.: 8.881 min
Delta R.T.: 0.017 min
Response: 333931
Conc: 2.41 ug/ml



#8 Flouorene (C16.55)

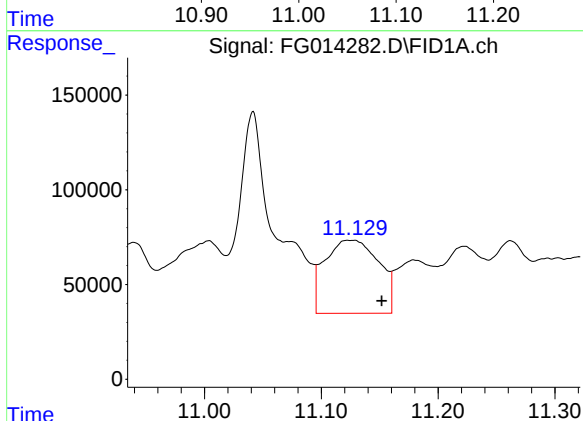
R.T.: 9.660 min
Delta R.T.: 0.000 min
Response: 715543
Conc: 5.52 ug/ml



#9 Phenanthrene (C19.36)

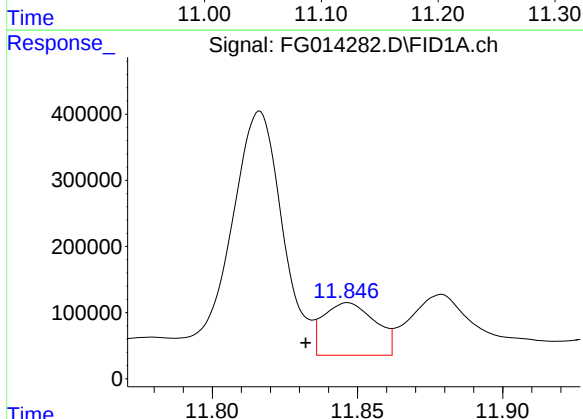
R.T.: 11.041 min
Delta R.T.: -0.032 min
Response: 2372103
Conc: 19.63 ug/ml

Instrument :
FID_G
ClientSampleId :



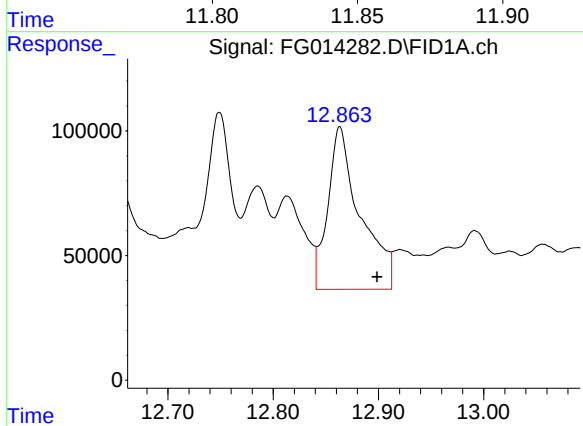
#10 Anthracene (C19.43)

R.T.: 11.125 min
Delta R.T.: -0.027 min
Response: 1237147
Conc: 8.92 ug/ml



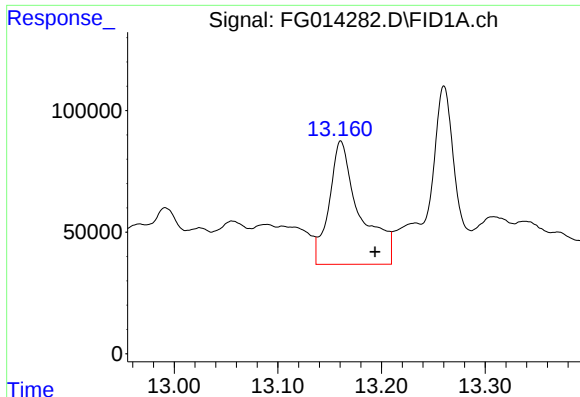
#11 ortho-Terphenyl (SURR)

R.T.: 11.847 min
Delta R.T.: 0.014 min
Response: 985745
Conc: 7.31 ug/ml



#12 Fluoranthene (C21.85)

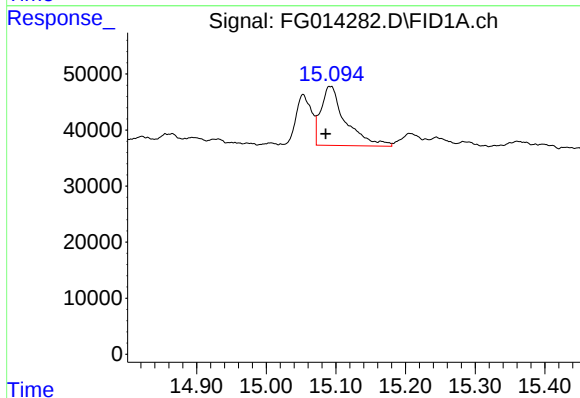
R.T.: 12.864 min
Delta R.T.: -0.035 min
Response: 1393070
Conc: 10.75 ug/ml



#13 Pyrene (C20.8)

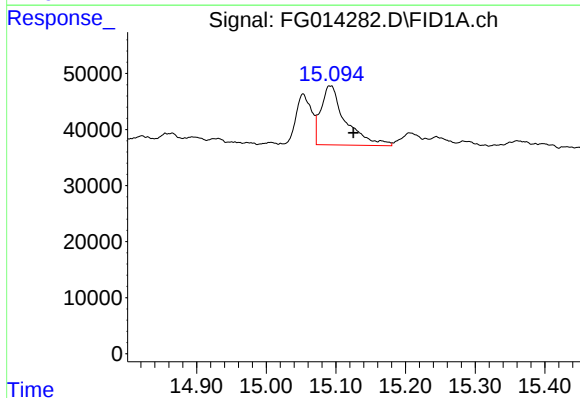
R.T.: 13.161 min
Delta R.T.: -0.033 min
Response: 1050574
Conc: 8.05 ug/ml

Instrument :
FID_G
ClientSampleId :



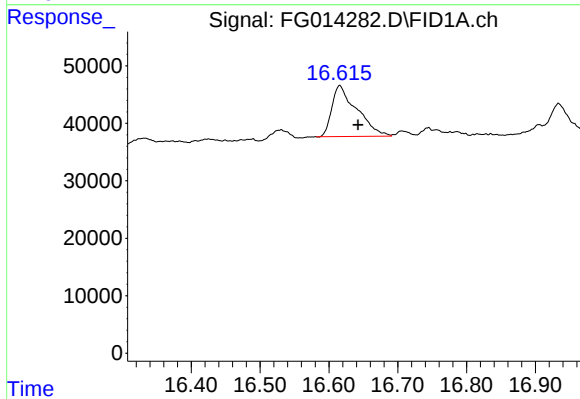
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.092 min
Delta R.T.: 0.007 min
Response: 258289
Conc: 2.27 ug/ml



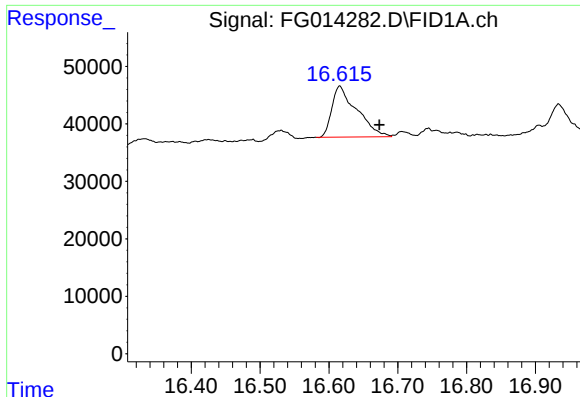
#15 Chrysene (C27.41)

R.T.: 15.092 min
Delta R.T.: -0.033 min
Response: 258289
Conc: 1.83 ug/ml



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

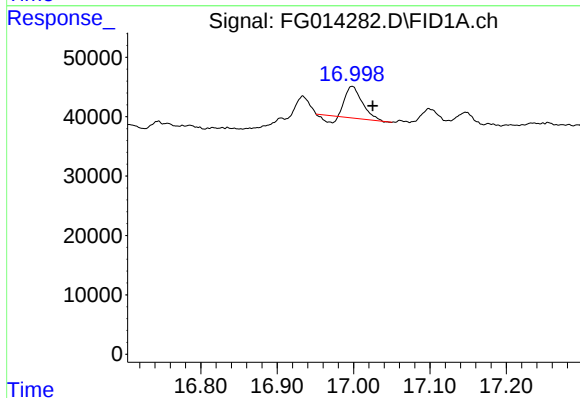
R.T.: 16.616 min
Delta R.T.: -0.027 min
Response: 222860
Conc: 1.94 ug/ml



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

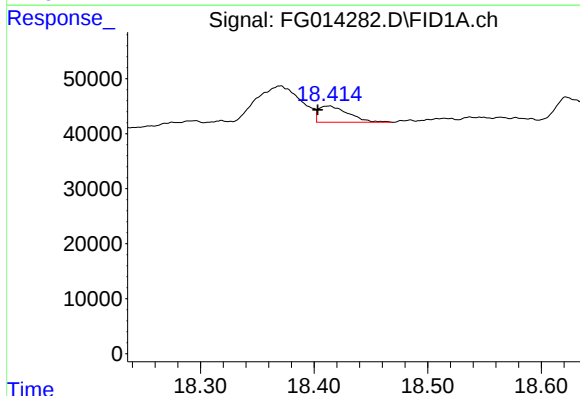
R.T.: 16.616 min
Delta R.T.: -0.057 min
Response: 222860
Conc: 1.66 ug/ml

Instrument :
FID_G
ClientSampleId :



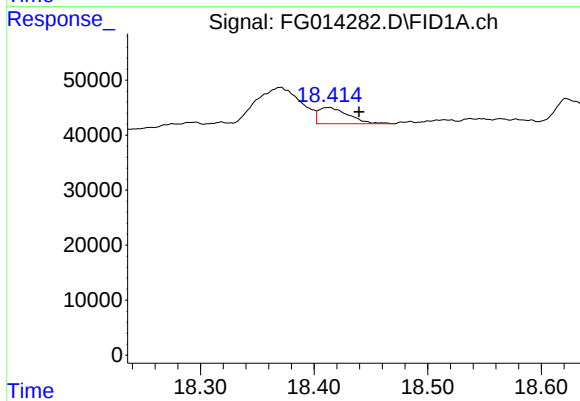
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.998 min
Delta R.T.: -0.027 min
Response: 71771
Conc: 0.58 ug/ml



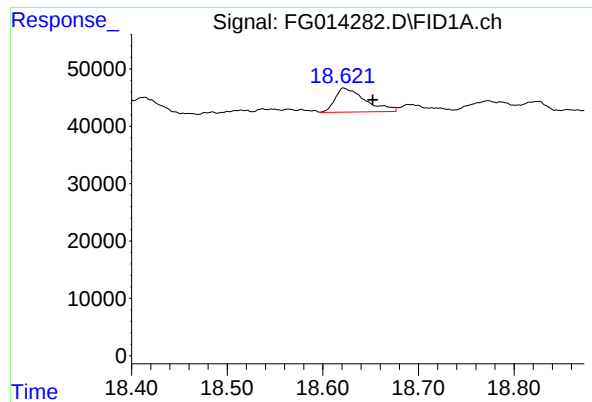
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.412 min
Delta R.T.: 0.009 min
Response: 53849
Conc: 0.54 ug/ml



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

R.T.: 18.412 min
Delta R.T.: -0.027 min
Response: 53849
Conc: 0.37 ug/ml



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

R.T.: 18.623 min
Delta R.T.: -0.029 min
Response: 91414
Conc: 0.70 ug/ml

Instrument :

FID_G

ClientSampleId :