

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091924AR\
 Data File : FG014293.D
 Signal(s) : FID1A.ch
 Acq On : 20 Sep 2024 01:49
 Operator : YP\AJ
 Sample : P4104-15
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 20 02:48:30 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	6268087	56.026 ug/ml
Spiked Amount 50.000		Recovery =	112.05%
6) S 2-Fluorobiphenyl (SURR)	8.746	4444617	61.047 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	122.09%
11) S ortho-Terphenyl (SURR)	11.846	596173	4.423 ug/ml
Spiked Amount 50.000		Recovery =	8.85%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.442	20286	0.158 ug/ml
2) T Naphthalene (C11.7)	6.147	70848	0.562 ug/ml
3) T 2-Methylnaphthalene (...)	7.243	821944	6.453 ug/ml
5) T Acenaphthylene (C15.06)	8.601	284636	2.190 ug/ml
7) T Acenaphthene (C15.5)	8.863	263401	1.902 ug/ml
8) T Flouorene (C16.55)	9.658	449647	3.469 ug/ml
9) T Phenanthrene (C19.36)	11.041	1326607	10.977 ug/ml
10) T Anthracene (C19.43)	11.123	796915	5.744 ug/ml
12) T Fluoranthene (C21.85)	12.863	1155780	8.915 ug/ml
13) T Pyrene (C20.8)	13.161	793966	6.081 ug/ml
14) T Benzo[a]anthracene (C...	15.091	249794	2.196 ug/ml
15) T Chrysene (C27.41)	15.091	249794	1.767 ug/ml
16) T benzo[b]fluoranthene ...	16.616	226615	1.977 ug/ml
17) T Bnezo[k]fluoranthene ...	16.616f	226615	1.685 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.996	79941	0.643 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.413	43707	0.442 ug/ml
20) T Dibenz[a,h]anthracene...	18.413	43707	0.297 ug/ml
21) T Benzo[g,h,i]perylene ...	18.623	186940	1.430 ug/ml

(f)=RT Delta > 1/2 Window

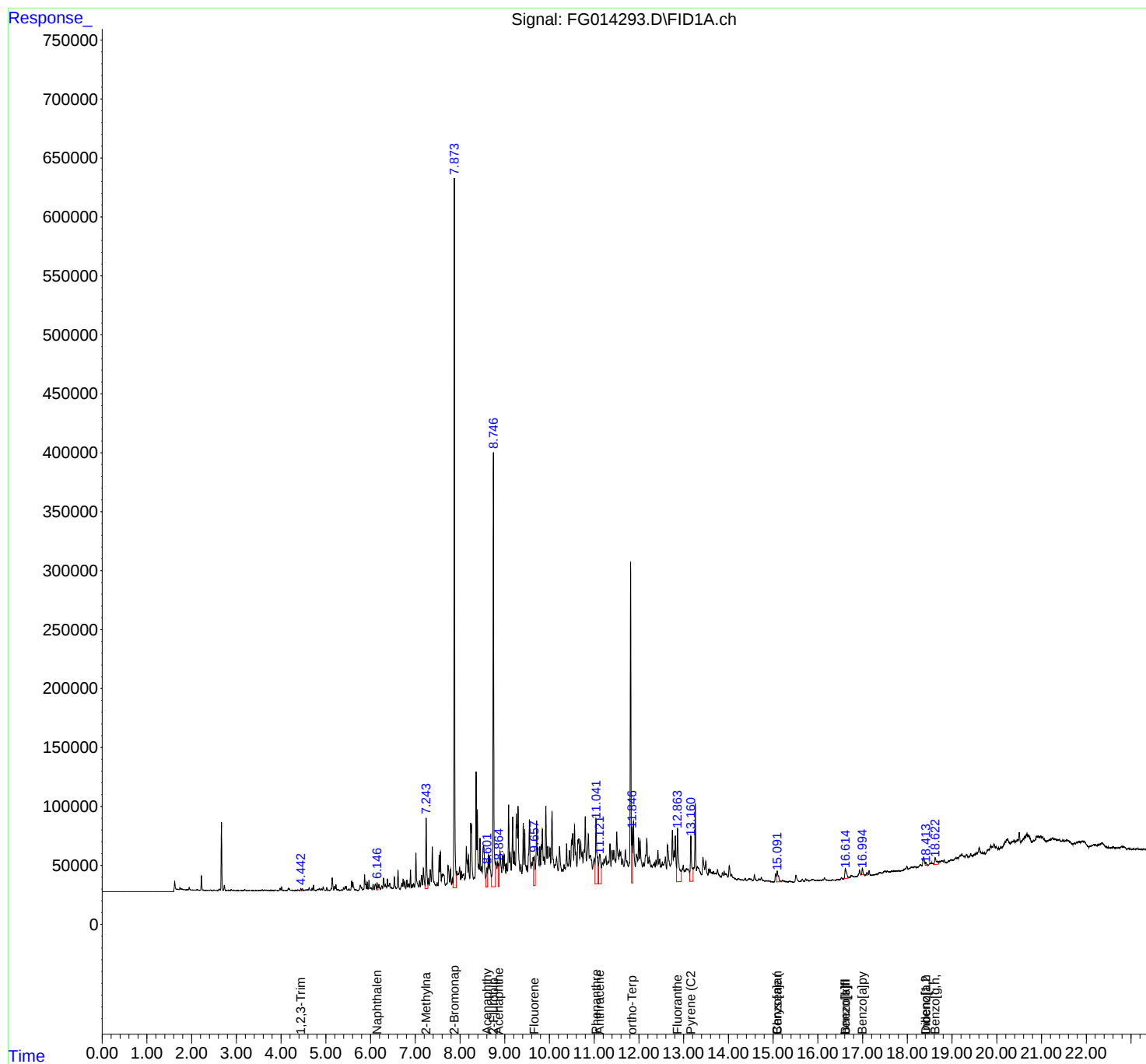
(m)=manual int.

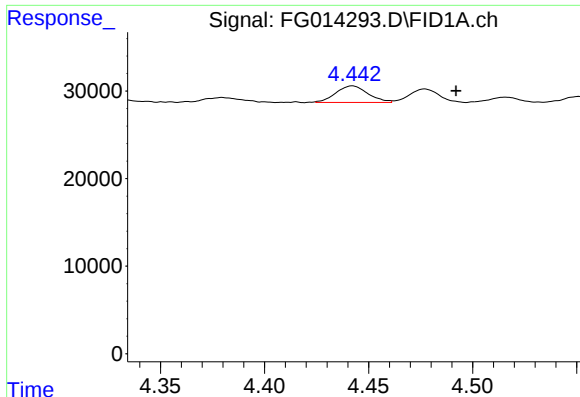
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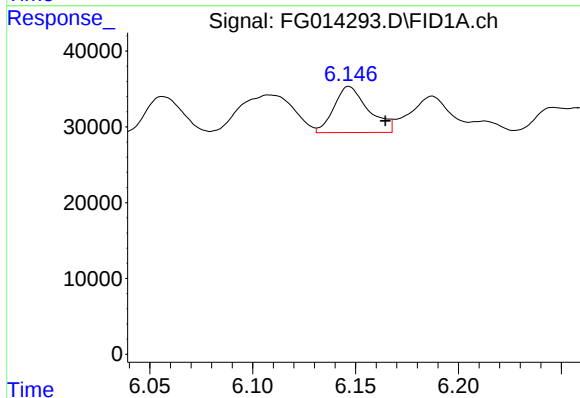




#1 1,2,3-Trimethylbenzene (C10.1)

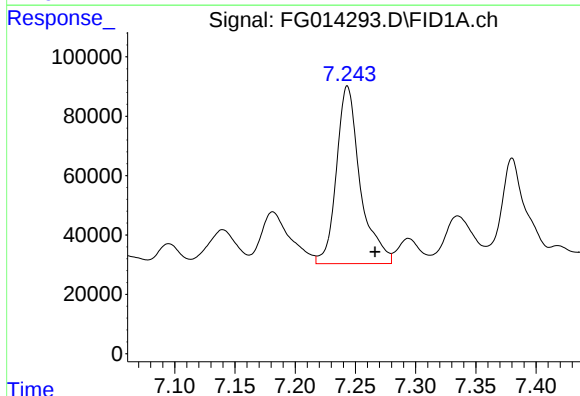
R.T.: 4.442 min
Delta R.T.: -0.050 min
Response: 20286
Conc: 0.16 ug/ml

Instrument :
FID_G
ClientSampleId :



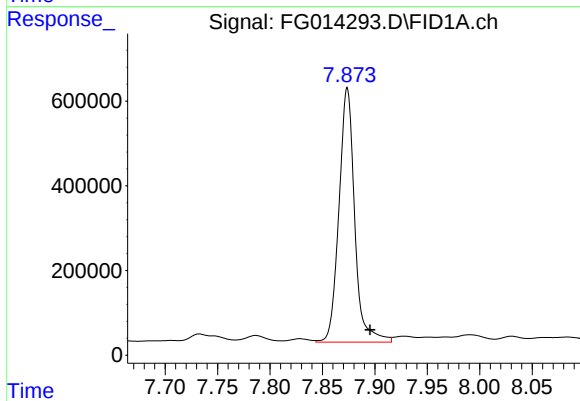
#2 Naphthalene (C11.7)

R.T.: 6.147 min
Delta R.T.: -0.017 min
Response: 70848
Conc: 0.56 ug/ml



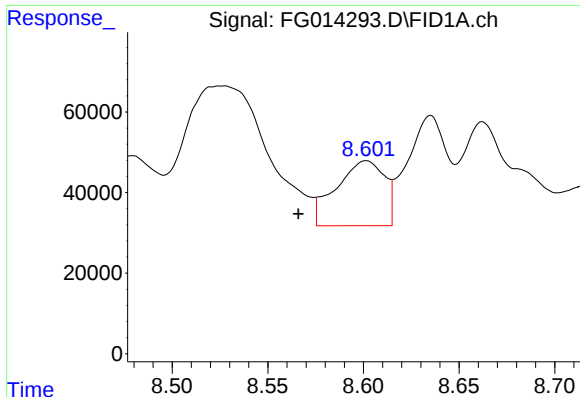
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.243 min
Delta R.T.: -0.023 min
Response: 821944
Conc: 6.45 ug/ml



#4 2-Bromonaphthalene (SURR)

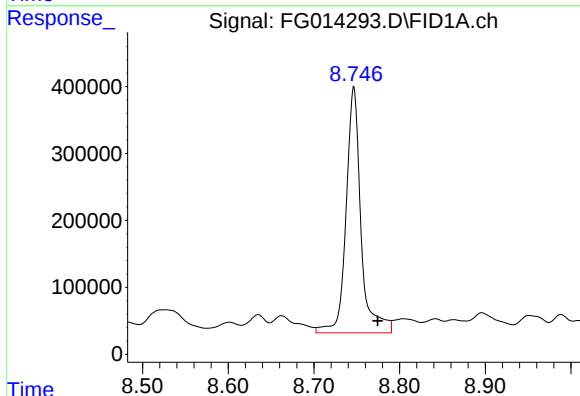
R.T.: 7.874 min
Delta R.T.: -0.022 min
Response: 6268087
Conc: 56.03 ug/ml



#5 Acenaphthylene (C15.06)

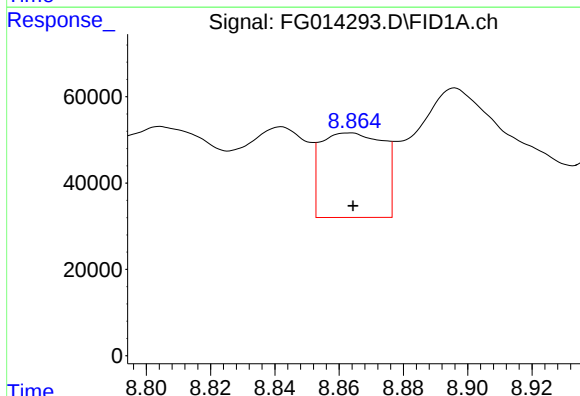
R.T.: 8.601 min
Delta R.T.: 0.035 min
Response: 284636
Conc: 2.19 ug/ml

Instrument :
FID_G
ClientSampleId :



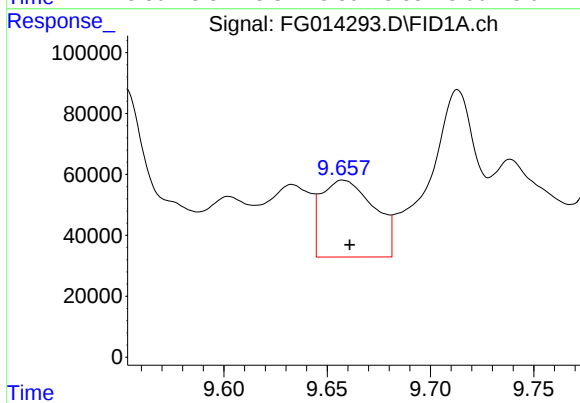
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.746 min
Delta R.T.: -0.028 min
Response: 4444617
Conc: 61.05 ug/ml



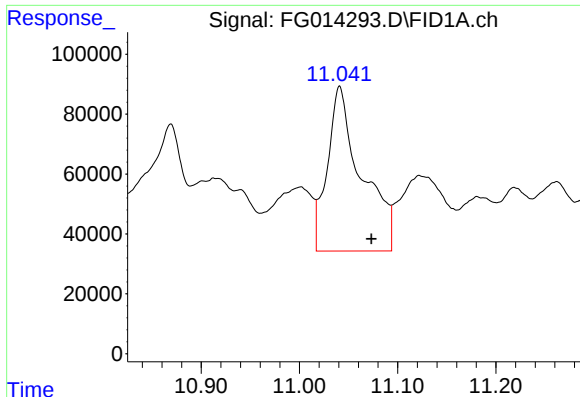
#7 Acenaphthene (C15.5)

R.T.: 8.863 min
Delta R.T.: -0.001 min
Response: 263401
Conc: 1.90 ug/ml



#8 Flouorene (C16.55)

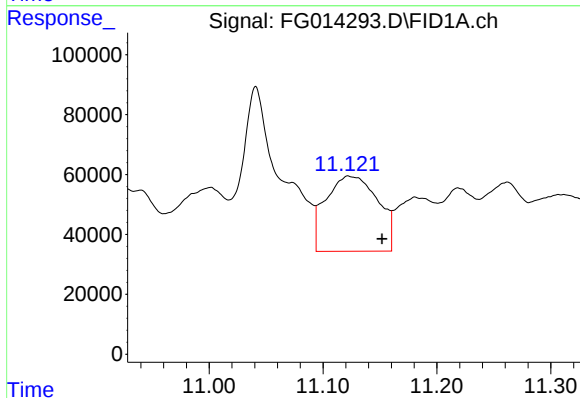
R.T.: 9.658 min
Delta R.T.: -0.003 min
Response: 449647
Conc: 3.47 ug/ml



#9 Phenanthrene (C19.36)

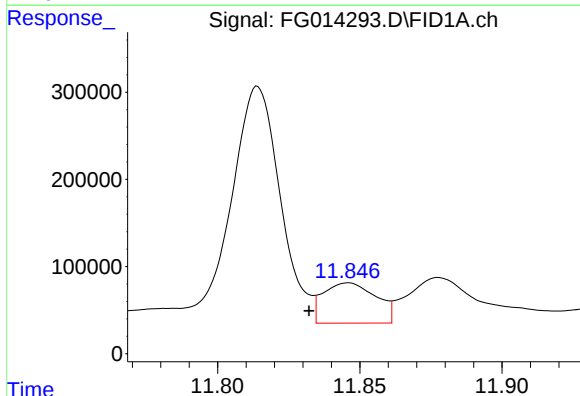
R.T.: 11.041 min
Delta R.T.: -0.032 min
Response: 1326607
Conc: 10.98 ug/ml

Instrument :
FID_G
ClientSampleId :



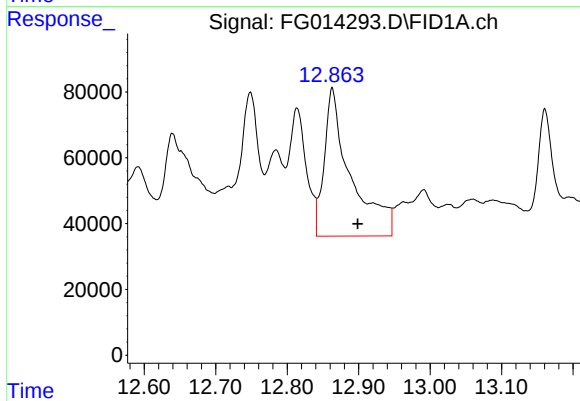
#10 Anthracene (C19.43)

R.T.: 11.123 min
Delta R.T.: -0.029 min
Response: 796915
Conc: 5.74 ug/ml



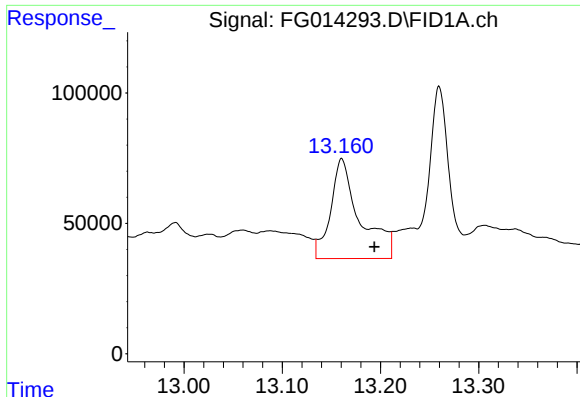
#11 ortho-Terphenyl (SURR)

R.T.: 11.846 min
Delta R.T.: 0.014 min
Response: 596173
Conc: 4.42 ug/ml



#12 Fluoranthene (C21.85)

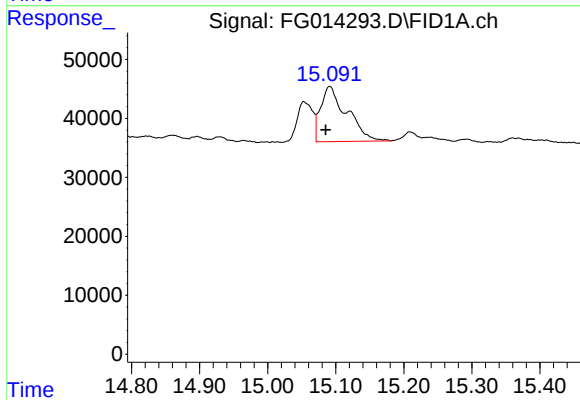
R.T.: 12.863 min
Delta R.T.: -0.036 min
Response: 1155780
Conc: 8.92 ug/ml



#13 Pyrene (C20.8)

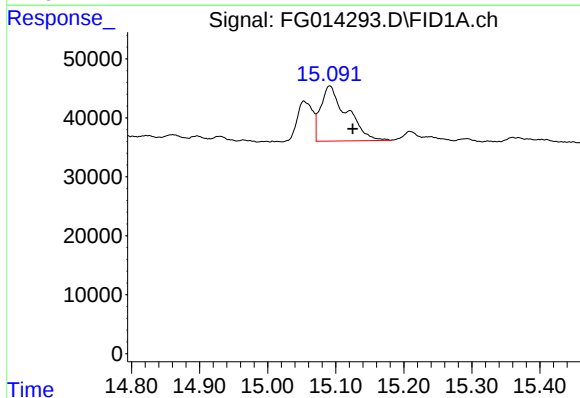
R.T.: 13.161 min
Delta R.T.: -0.033 min
Response: 793966
Conc: 6.08 ug/ml

Instrument :
FID_G
ClientSampleId :



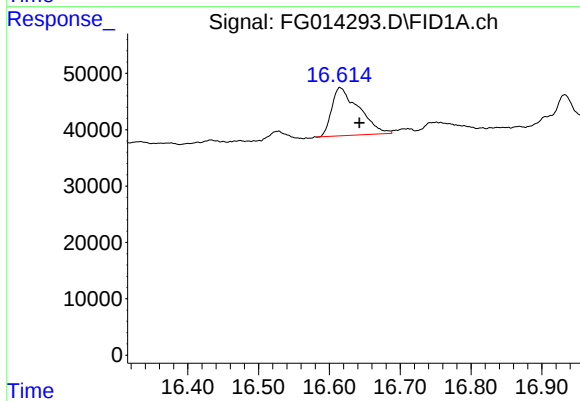
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.091 min
Delta R.T.: 0.006 min
Response: 249794
Conc: 2.20 ug/ml



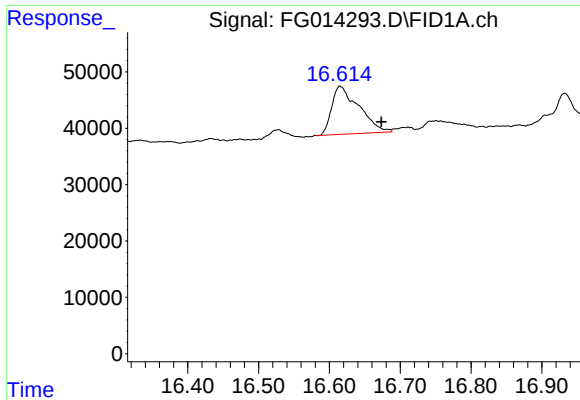
#15 Chrysene (C27.41)

R.T.: 15.091 min
Delta R.T.: -0.034 min
Response: 249794
Conc: 1.77 ug/ml



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

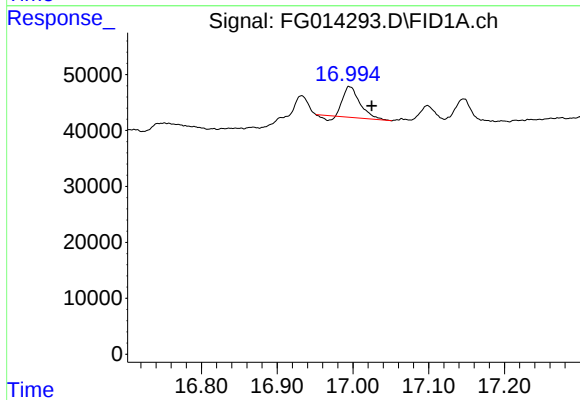
R.T.: 16.616 min
Delta R.T.: -0.027 min
Response: 226615
Conc: 1.98 ug/ml



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

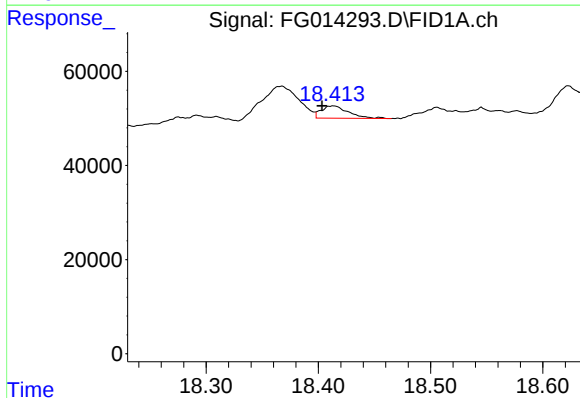
R.T.: 16.616 min
Delta R.T.: -0.058 min
Response: 226615
Conc: 1.69 ug/ml

Instrument :
FID_G
ClientSampleId :



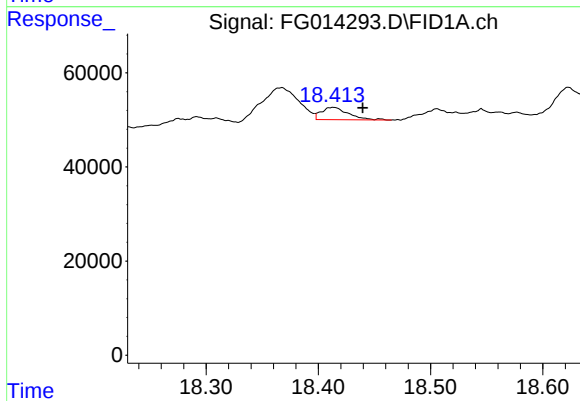
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.996 min
Delta R.T.: -0.029 min
Response: 79941
Conc: 0.64 ug/ml



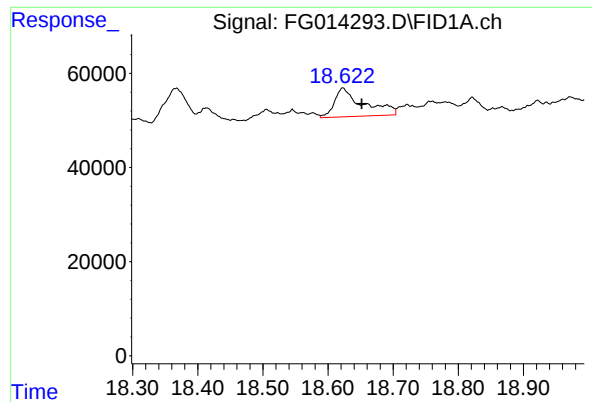
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.413 min
Delta R.T.: 0.010 min
Response: 43707
Conc: 0.44 ug/ml



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

R.T.: 18.413 min
Delta R.T.: -0.026 min
Response: 43707
Conc: 0.30 ug/ml



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

R.T.: 18.623 min
Delta R.T.: -0.029 min
Response: 186940
Conc: 1.43 ug/ml

Instrument :

FID_G

ClientSampleId :