

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091924AR\
 Data File : FG014287.D
 Signal(s) : FID1A.ch
 Acq On : 19 Sep 2024 22:53
 Operator : YP\AJ
 Sample : P4104-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 20 02:47:45 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	7426803	66.383 ug/ml
Spiked Amount 50.000		Recovery =	132.77%
6) S 2-Fluorobiphenyl (SURR)	8.747	5009467	68.805 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	137.61%#
11) S ortho-Terphenyl (SURR)	11.846	300113	2.226 ug/ml
Spiked Amount 50.000		Recovery =	4.45%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.475	1535615	11.928 ug/ml
2) T Naphthalene (C11.7)	6.145	1788774	14.180 ug/ml
3) T 2-Methylnaphthalene (...)	7.243	4395399	34.510 ug/ml
5) T Acenaphthylene (C15.06)	8.597	734208	5.649 ug/ml
7) T Acenaphthene (C15.5)	8.865	1166025	8.420 ug/ml
8) T Flouorene (C16.55)	9.637	1103508	8.513 ug/ml
9) T Phenanthrene (C19.36)	11.041	852759	7.056 ug/ml
10) T Anthracene (C19.43)	11.121	451617	3.255 ug/ml
12) T Fluoranthene (C21.85)	12.864	738740	5.698 ug/ml
13) T Pyrene (C20.8)	13.223	81483	0.624 ug/ml
14) T Benzo[a]anthracene (C...	15.090	297378	2.614 ug/ml
15) T Chrysene (C27.41)	15.090	297378	2.104 ug/ml
16) T benzo[b]fluoranthene ...	16.611	309307	2.699 ug/ml
17) T Bnezo[k]fluoranthene ...	16.611f	309307	2.300 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.993	122342	0.985 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.414	66207	0.670 ug/ml
20) T Dibenz[a,h]anthracene...	18.414	66207	0.450 ug/ml
21) T Benzo[g,h,i]perylene ...	18.619	133647	1.023 ug/ml

(f)=RT Delta > 1/2 Window

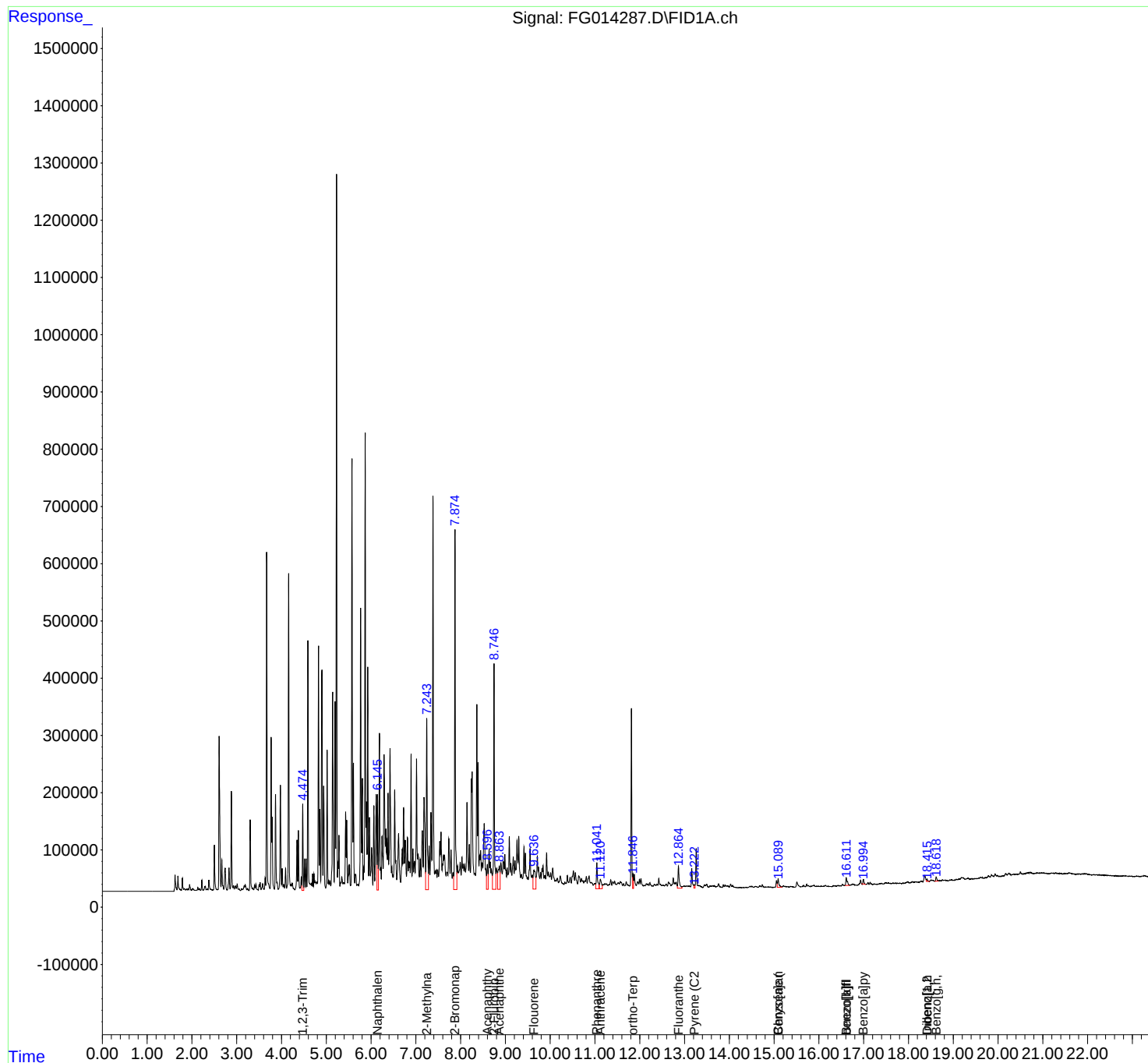
(m)=manual int.

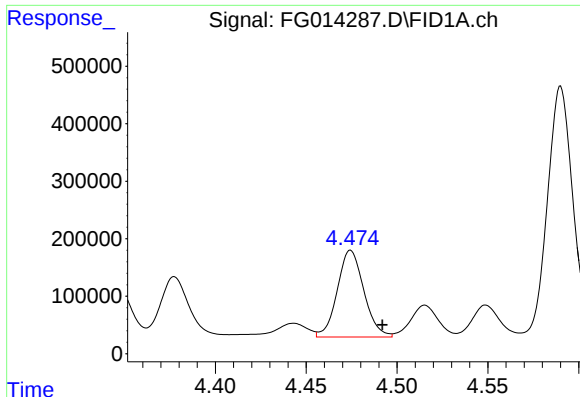
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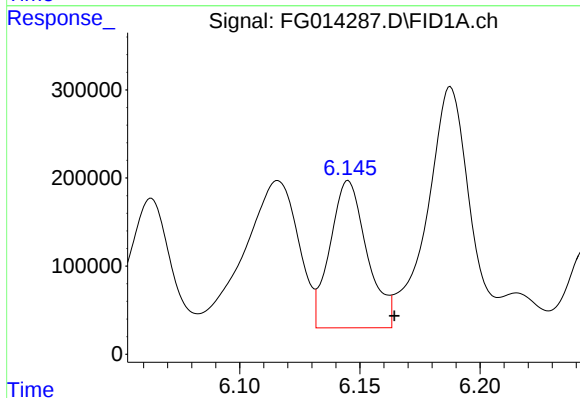




#1 1,2,3-Trimethylbenzene (C10.1)

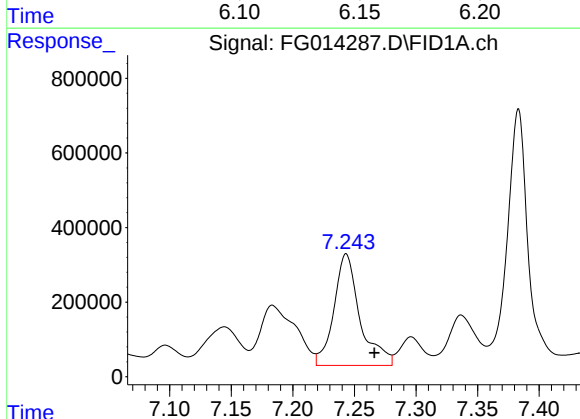
R.T.: 4.475 min
Delta R.T.: -0.017 min
Response: 1535615
Conc: 11.93 ug/ml

Instrument :
FID_G
ClientSampleId :



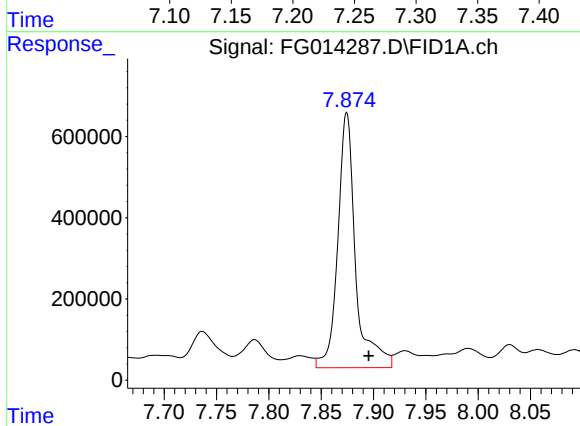
#2 Naphthalene (C11.7)

R.T.: 6.145 min
Delta R.T.: -0.019 min
Response: 1788774
Conc: 14.18 ug/ml



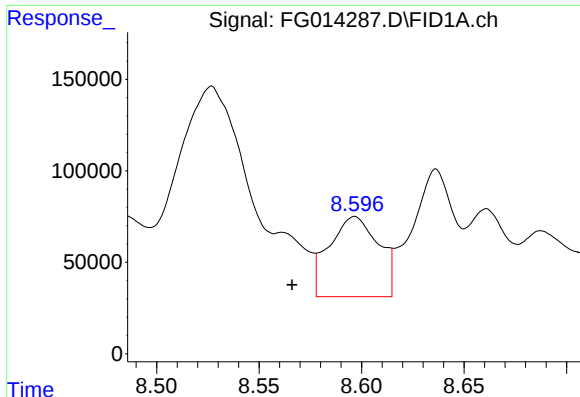
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.243 min
Delta R.T.: -0.023 min
Response: 4395399
Conc: 34.51 ug/ml



#4 2-Bromonaphthalene (SURR)

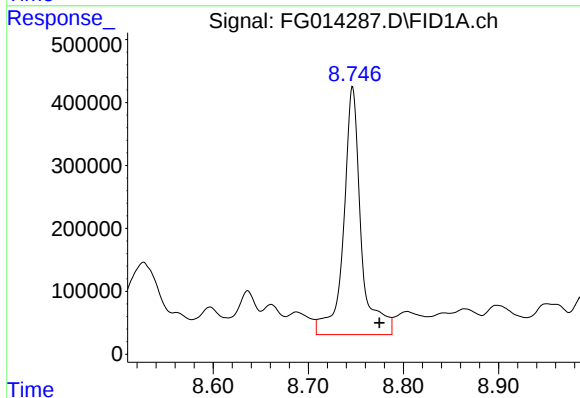
R.T.: 7.874 min
Delta R.T.: -0.021 min
Response: 7426803
Conc: 66.38 ug/ml



#5 Acenaphthylene (C15.06)

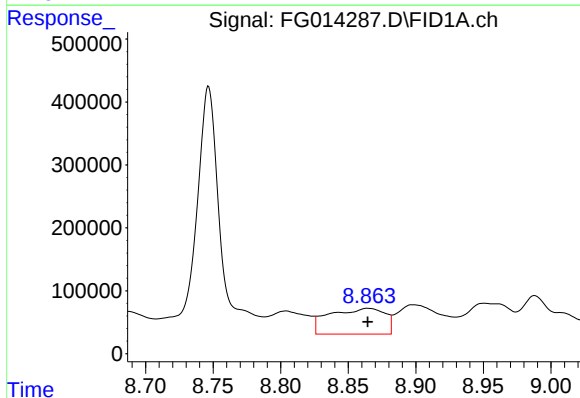
R.T.: 8.597 min
Delta R.T.: 0.031 min
Response: 734208
Conc: 5.65 ug/ml

Instrument :
FID_G
ClientSampleId :



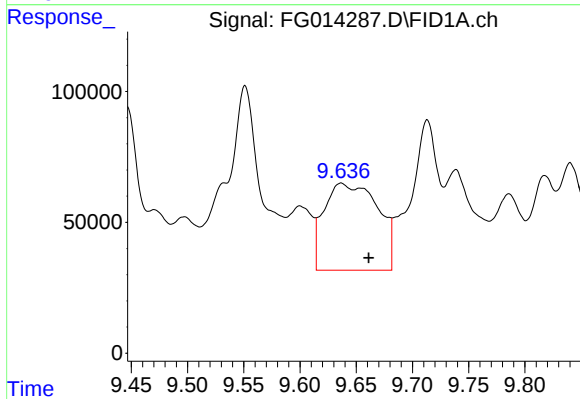
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.747 min
Delta R.T.: -0.028 min
Response: 5009467
Conc: 68.81 ug/ml



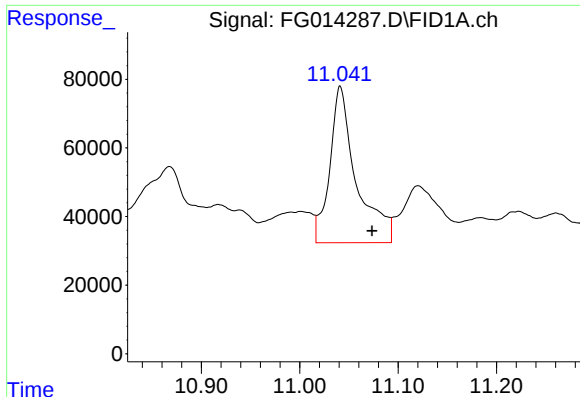
#7 Acenaphthene (C15.5)

R.T.: 8.865 min
Delta R.T.: 0.000 min
Response: 1166025
Conc: 8.42 ug/ml



#8 Fluorene (C16.55)

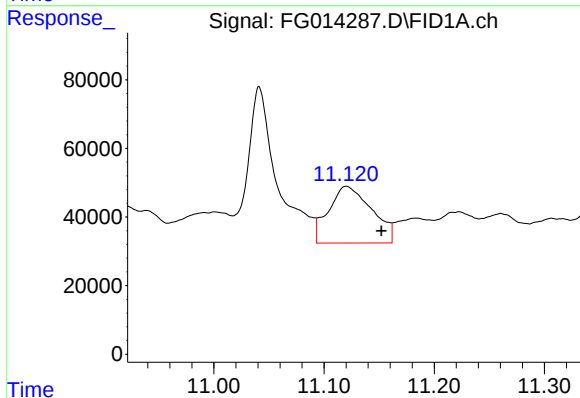
R.T.: 9.637 min
Delta R.T.: -0.024 min
Response: 1103508
Conc: 8.51 ug/ml



#9 Phenanthrene (C19.36)

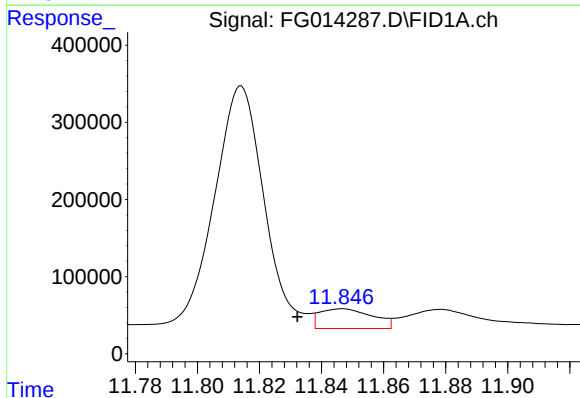
R.T.: 11.041 min
Delta R.T.: -0.032 min
Response: 852759
Conc: 7.06 ug/ml

Instrument :
FID_G
ClientSampleId :



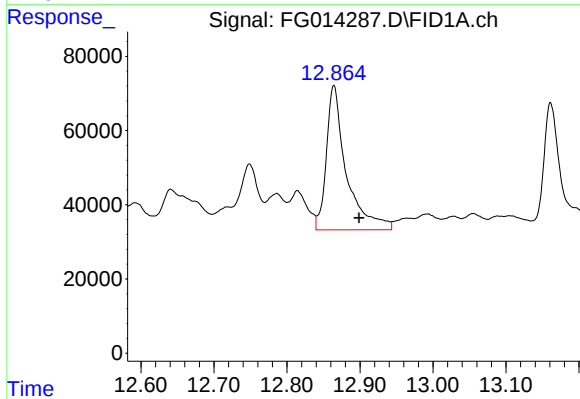
#10 Anthracene (C19.43)

R.T.: 11.121 min
Delta R.T.: -0.031 min
Response: 451617
Conc: 3.26 ug/ml



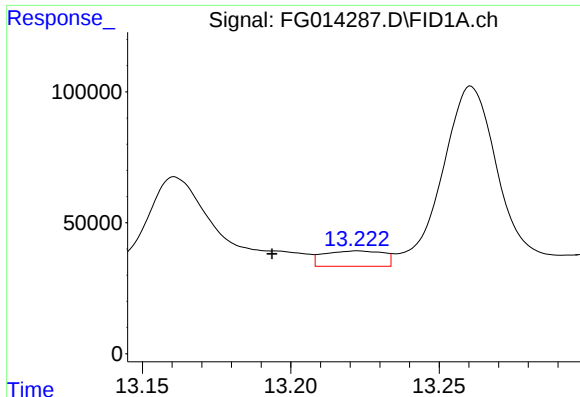
#11 ortho-Terphenyl (SURR)

R.T.: 11.846 min
Delta R.T.: 0.014 min
Response: 300113
Conc: 2.23 ug/ml



#12 Fluoranthene (C21.85)

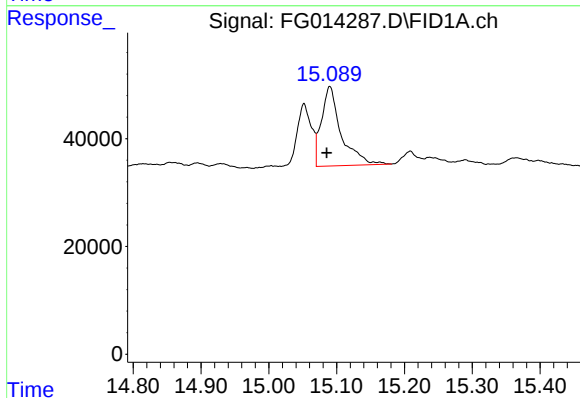
R.T.: 12.864 min
Delta R.T.: -0.035 min
Response: 738740
Conc: 5.70 ug/ml



#13 Pyrene (C20.8)

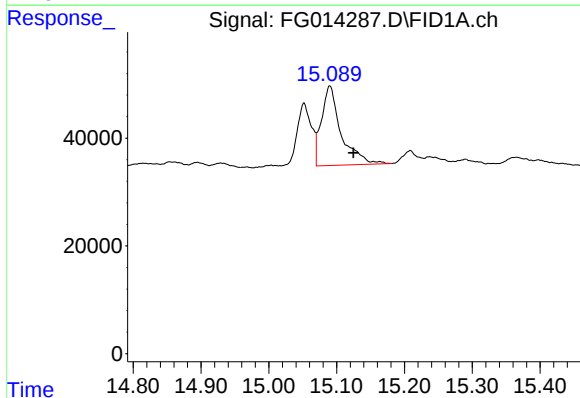
R.T.: 13.223 min
Delta R.T.: 0.029 min
Response: 81483
Conc: 0.62 ug/ml

Instrument :
FID_G
ClientSampleId :



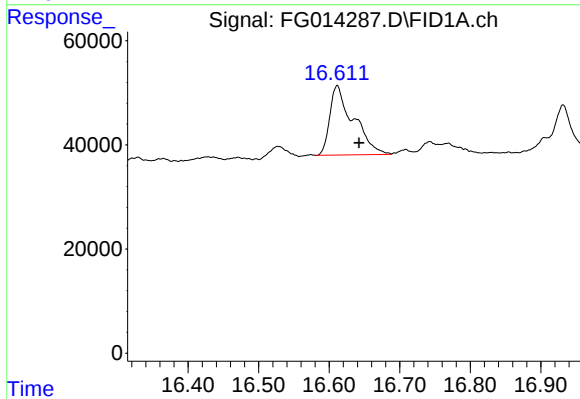
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.090 min
Delta R.T.: 0.005 min
Response: 297378
Conc: 2.61 ug/ml



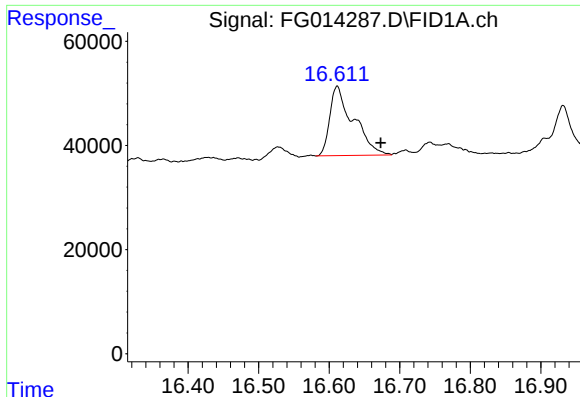
#15 Chrysene (C27.41)

R.T.: 15.090 min
Delta R.T.: -0.035 min
Response: 297378
Conc: 2.10 ug/ml



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

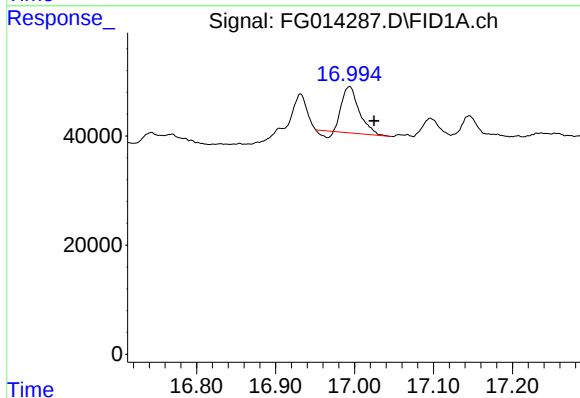
R.T.: 16.611 min
Delta R.T.: -0.031 min
Response: 309307
Conc: 2.70 ug/ml



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

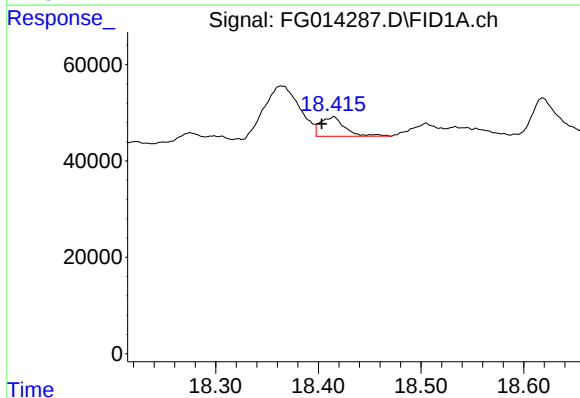
R.T.: 16.611 min
Delta R.T.: -0.062 min
Response: 309307
Conc: 2.30 ug/ml

Instrument :
FID_G
ClientSampleId :



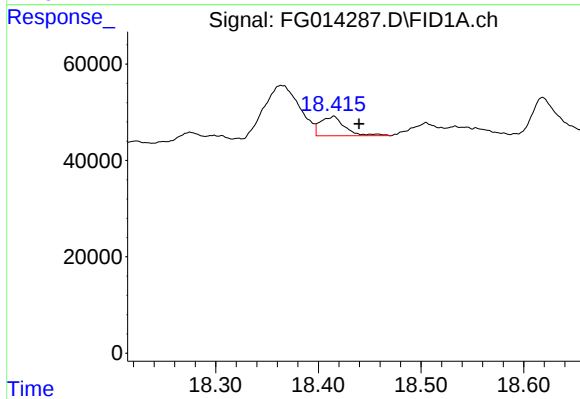
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.993 min
Delta R.T.: -0.032 min
Response: 122342
Conc: 0.98 ug/ml



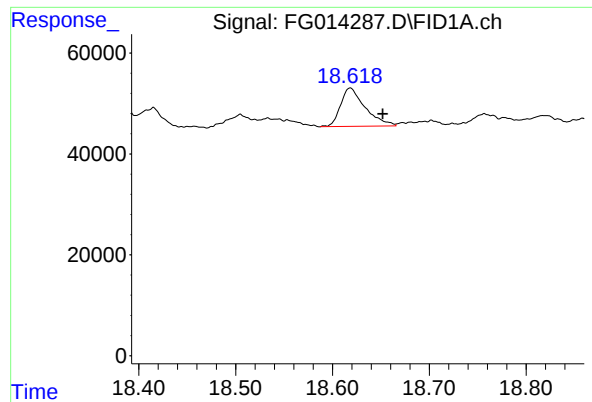
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.414 min
Delta R.T.: 0.011 min
Response: 66207
Conc: 0.67 ug/ml



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

R.T.: 18.414 min
Delta R.T.: -0.026 min
Response: 66207
Conc: 0.45 ug/ml



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

R.T.: 18.619 min
Delta R.T.: -0.033 min
Response: 133647
Conc: 1.02 ug/ml

Instrument :

FID_G

ClientSampleId :