

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091924AR\
 Data File : FG014286.D
 Signal(s) : FID1A.ch
 Acq On : 19 Sep 2024 22:24
 Operator : YP\AJ
 Sample : P4104-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 20 02:47:38 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...	7.873	5274695	47.147 ug/ml
Spiked Amount 50.000		Recovery =	94.29%
6) S 2-Fluorobiphenyl (SURR)	8.746	3322108	45.629 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	91.26%
11) S ortho-Terphenyl (SURR)	11.846	232696	1.726 ug/ml
Spiked Amount 50.000		Recovery =	3.45%
Target Compounds			
2) T Naphthalene (C11.7)	6.149	90583	0.718 ug/ml
3) T 2-Methylnaphthalene (...)	7.250	66975	0.526 ug/ml
5) T Acenaphthylene (C15.06)	8.545	384565	2.959 ug/ml
7) T Acenaphthene (C15.5)	8.841	516400	3.729 ug/ml
8) T Flouorene (C16.55)	9.639	100156	0.773 ug/ml
9) T Phenanthrene (C19.36)	11.042	1156842	9.572 ug/ml
10) T Anthracene (C19.43)	11.117	447150	3.223 ug/ml
12) T Fluoranthene (C21.85)	12.862	1864919	14.386 ug/ml
13) T Pyrene (C20.8)	13.198	314067	2.405 ug/ml
14) T Benzo[a]anthracene (C...	15.084	1311196	11.526 ug/ml
15) T Chrysene (C27.41)	15.084	1311196	9.275 ug/ml
16) T benzo[b]fluoranthene ...	16.607	1857709	16.208 ug/ml
17) T Bnezo[k]fluoranthene ...	16.737f	296130	2.202 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.987	1067913	8.594 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.404	203245	2.056 ug/ml
20) T Dibenz[a,h]anthracene...	18.447	59073	0.401 ug/ml
21) T Benzo[g,h,i]perylene ...	18.614	886913	6.786 ug/ml

(f)=RT Delta > 1/2 Window

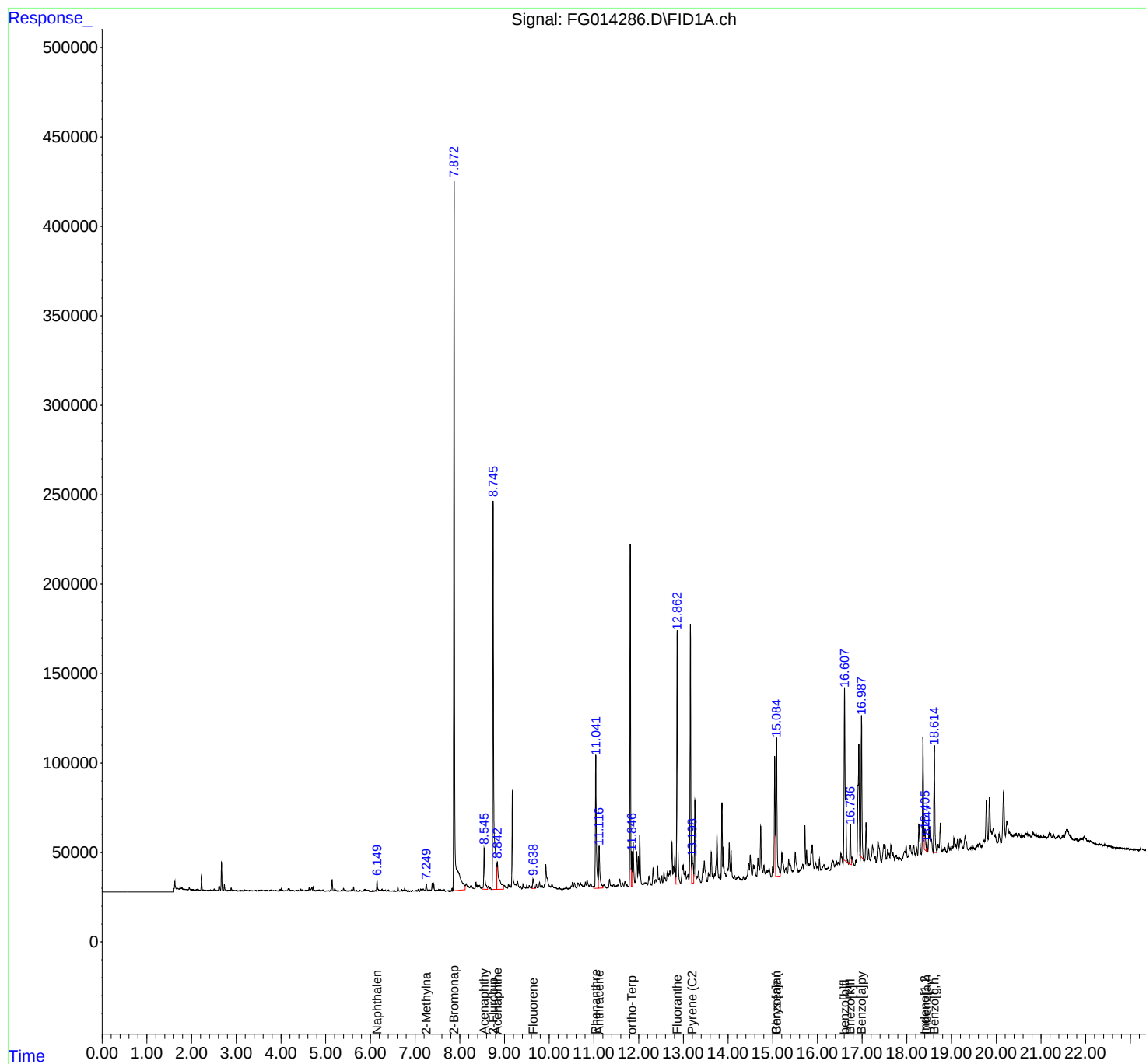
(m)=manual int.

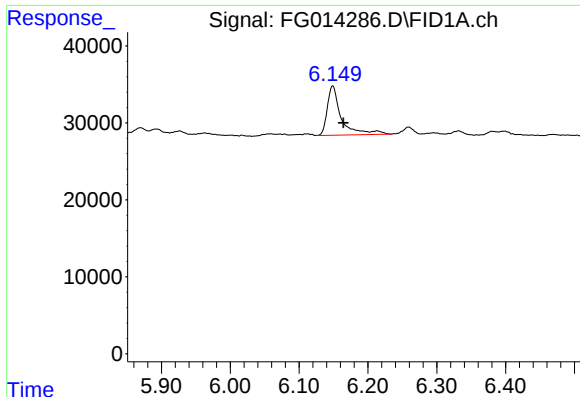
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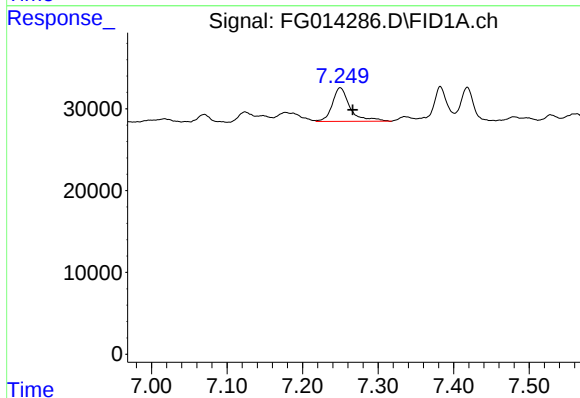




#2 Naphthalene (C11.7)

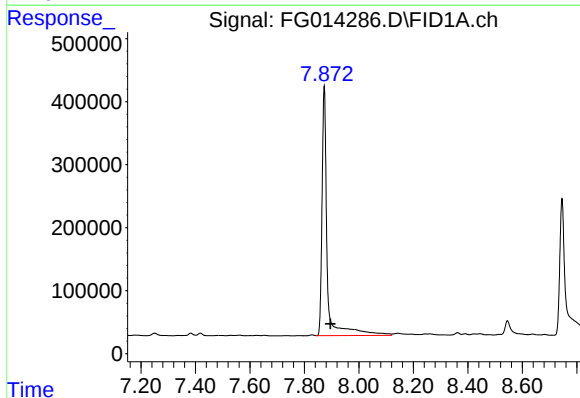
R.T.: 6.149 min
Delta R.T.: -0.016 min
Response: 90583
Conc: 0.72 ug/ml

Instrument :
FID_G
ClientSampleId :



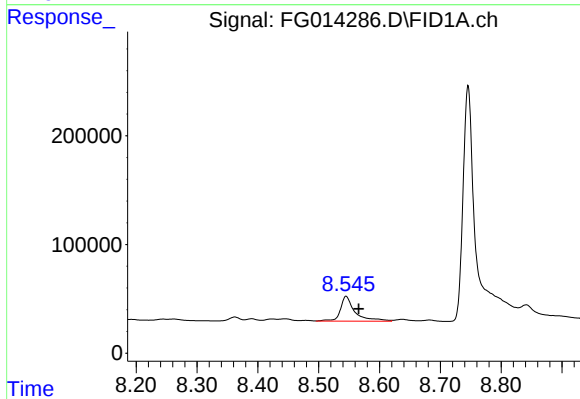
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.250 min
Delta R.T.: -0.016 min
Response: 66975
Conc: 0.53 ug/ml



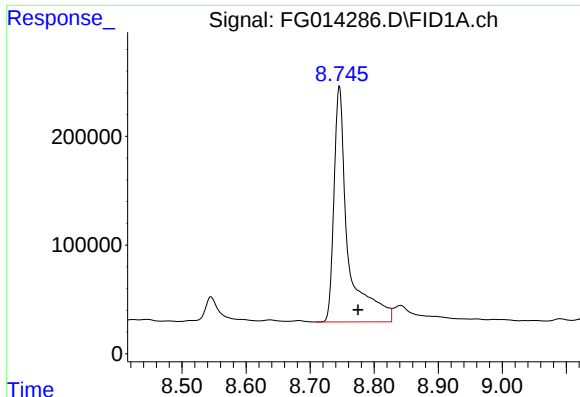
#4 2-Bromonaphthalene (SURR)

R.T.: 7.873 min
Delta R.T.: -0.023 min
Response: 5274695
Conc: 47.15 ug/ml



#5 Acenaphthylene (C15.06)

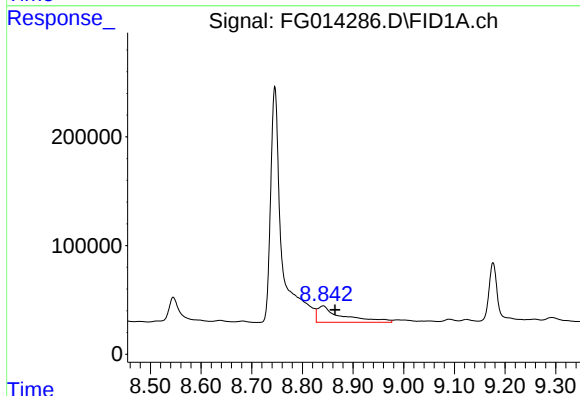
R.T.: 8.545 min
Delta R.T.: -0.021 min
Response: 384565
Conc: 2.96 ug/ml



#6 2-Fluorobiphenyl (SURR)

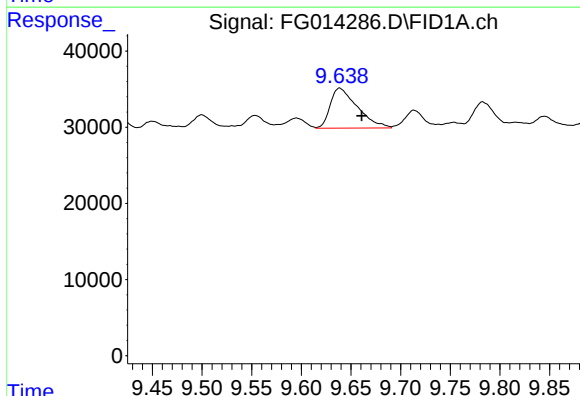
R.T.: 8.746 min
Delta R.T.: -0.029 min
Response: 3322108
Conc: 45.63 ug/ml

Instrument :
FID_G
ClientSampleId :



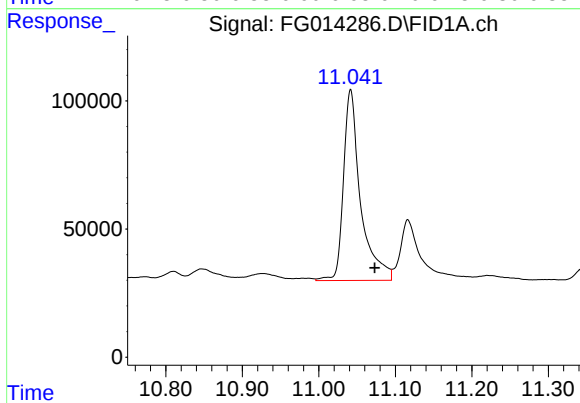
#7 Acenaphthene (C15.5)

R.T.: 8.841 min
Delta R.T.: -0.024 min
Response: 516400
Conc: 3.73 ug/ml



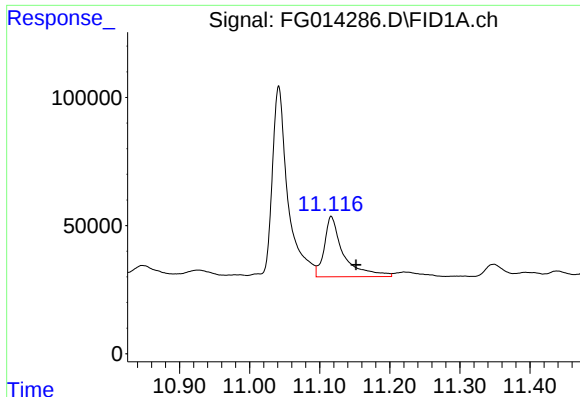
#8 Flouorene (C16.55)

R.T.: 9.639 min
Delta R.T.: -0.022 min
Response: 100156
Conc: 0.77 ug/ml



#9 Phenanthrene (C19.36)

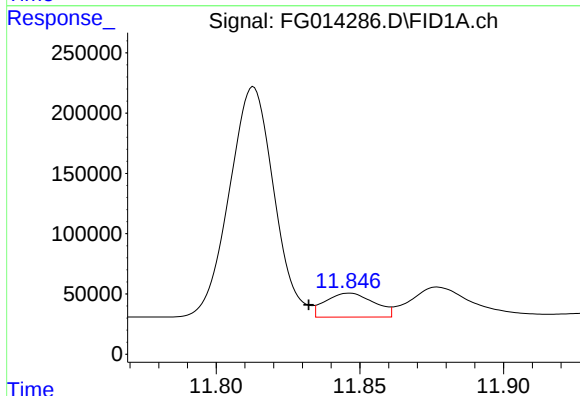
R.T.: 11.042 min
Delta R.T.: -0.032 min
Response: 1156842
Conc: 9.57 ug/ml



#10 Anthracene (C19.43)

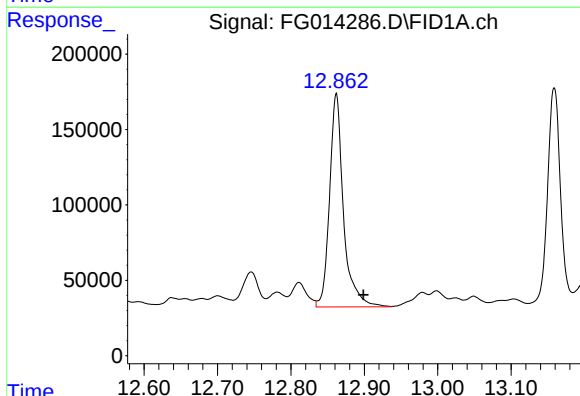
R.T.: 11.117 min
Delta R.T.: -0.035 min
Response: 447150
Conc: 3.22 ug/ml

Instrument :
FID_G
ClientSampleId :



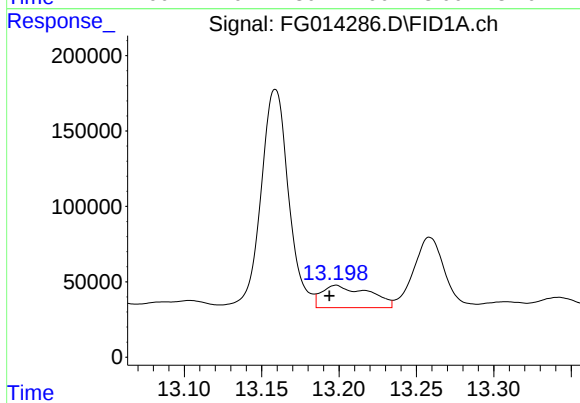
#11 ortho-Terphenyl (SURR)

R.T.: 11.846 min
Delta R.T.: 0.014 min
Response: 232696
Conc: 1.73 ug/ml



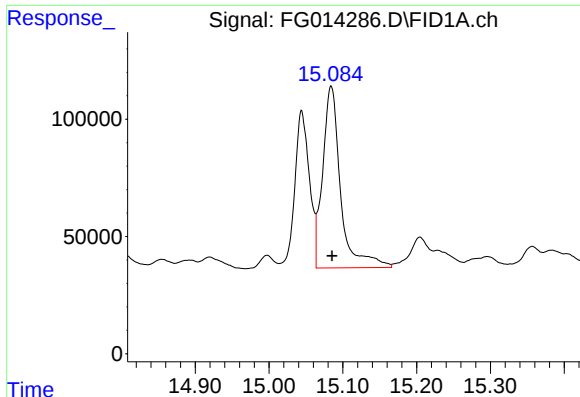
#12 Fluoranthene (C21.85)

R.T.: 12.862 min
Delta R.T.: -0.037 min
Response: 1864919
Conc: 14.39 ug/ml



#13 Pyrene (C20.8)

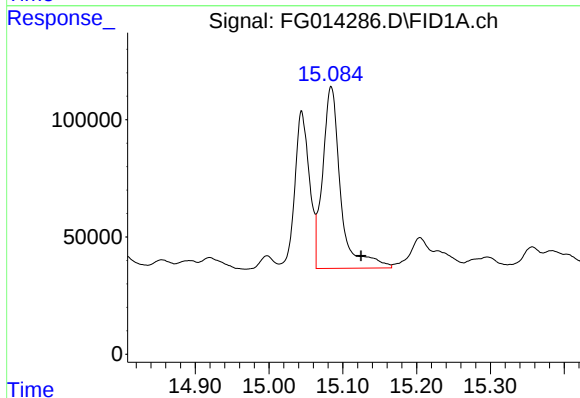
R.T.: 13.198 min
Delta R.T.: 0.004 min
Response: 314067
Conc: 2.41 ug/ml



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

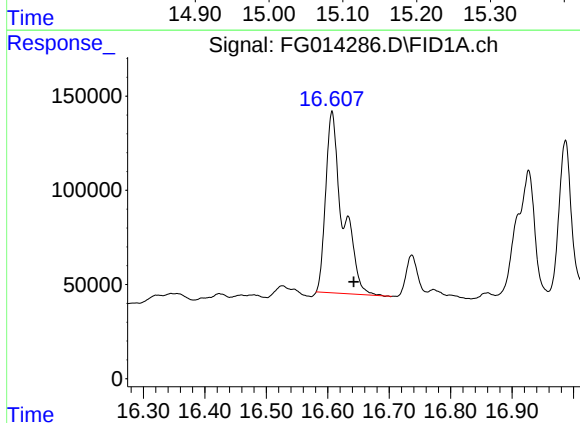
R.T.: 15.084 min
Delta R.T.: -0.001 min
Response: 1311196
Conc: 11.53 ug/ml

Instrument :
FID_G
ClientSampleId :



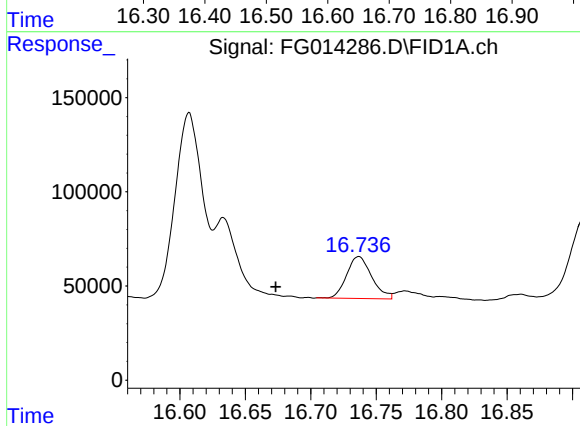
#15 Chrysene (C27.41)

R.T.: 15.084 min
Delta R.T.: -0.041 min
Response: 1311196
Conc: 9.28 ug/ml



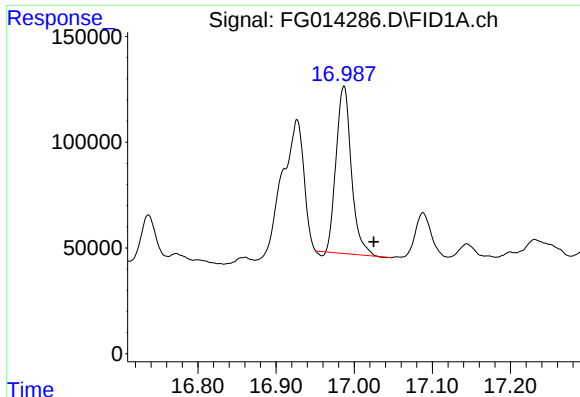
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.607 min
Delta R.T.: -0.036 min
Response: 1857709
Conc: 16.21 ug/ml



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

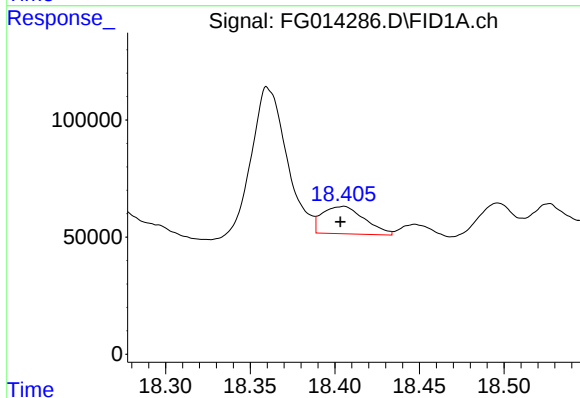
R.T.: 16.737 min
Delta R.T.: 0.063 min
Response: 296130
Conc: 2.20 ug/ml



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

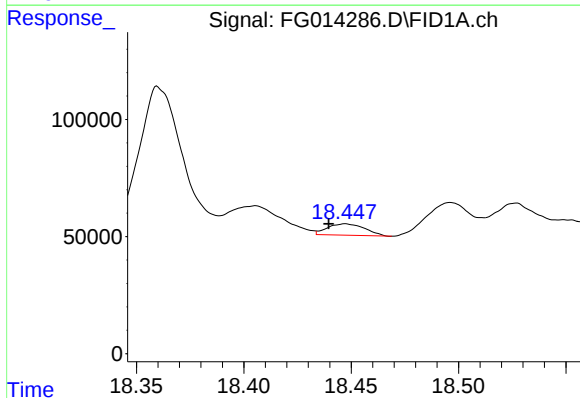
R.T.: 16.987 min
Delta R.T.: -0.038 min
Response: 1067913
Conc: 8.59 ug/ml

Instrument :
FID_G
ClientSampleId :



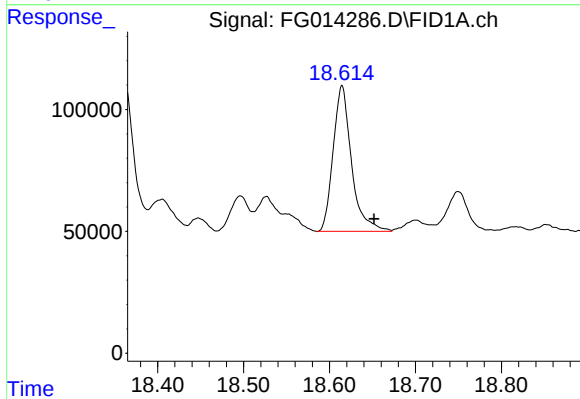
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.404 min
Delta R.T.: 0.000 min
Response: 203245
Conc: 2.06 ug/ml



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

R.T.: 18.447 min
Delta R.T.: 0.008 min
Response: 59073
Conc: 0.40 ug/ml



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

R.T.: 18.614 min
Delta R.T.: -0.038 min
Response: 886913
Conc: 6.79 ug/ml