

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011223AR\
 Data File : FD044778.D
 Signal(s) : FID2B.ch
 Acq On : 13 Jan 2023 02:57
 Operator : YP/AJ
 Sample : 01125-01
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 13 04:50:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122422.M
 Quant Title : GC Extractables
 QLast Update : Sun Dec 25 17:15:10 2022
 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...	7.664	6507797	45.129 ug/ml
Spiked Amount 50.000		Recovery =	90.26%
6) S 2-Fluorobiphenyl (SURR)	8.521	4312683	44.428 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	88.86%
11) S ortho-Terphenyl (SURR)	11.549	6740745	37.413 ug/ml
Spiked Amount 50.000		Recovery =	74.83%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.485	34278	0.213 ug/ml
2) T Naphthalene (C11.7)	6.011	124424	0.741 ug/ml
3) T 2-Methylnaphthalene (...)	7.055	184245	1.096 ug/ml
5) T Acenaphthylene (C15.06)	8.302	201265	1.327 ug/ml
7) T Acenaphthene (C15.5)	8.663	83268	0.514 ug/ml
9) T Phenanthrene (C19.36)	10.780	383705	2.445 ug/ml
10) T Anthracene (C19.43)	10.854	73926	0.588 ug/ml
12) T Fluoranthene (C21.85)	12.579	447881	2.852 ug/ml
13) T Pyrene (C20.8)	12.874	335895	2.194 ug/ml
14) T Benzo[a]anthracene (C...	14.733	178627	1.256 ug/ml
15) T Chrysene (C27.41)	14.773	238720	1.574 ug/ml
16) T benzo[b]fluoranthene ...	16.274	283542	1.885 ug/ml
17) T Bnezo[k]fluoranthene ...	16.303	117143	0.773 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.648	183249	1.263 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.001	162747	1.151 ug/ml
20) T Dibenz[a,h]anthracene...	18.044	213601	1.457 ug/ml
21) T Benzo[g,h,i]perylene ...	18.252	161211	1.135 ug/ml

(f)=RT Delta > 1/2 Window

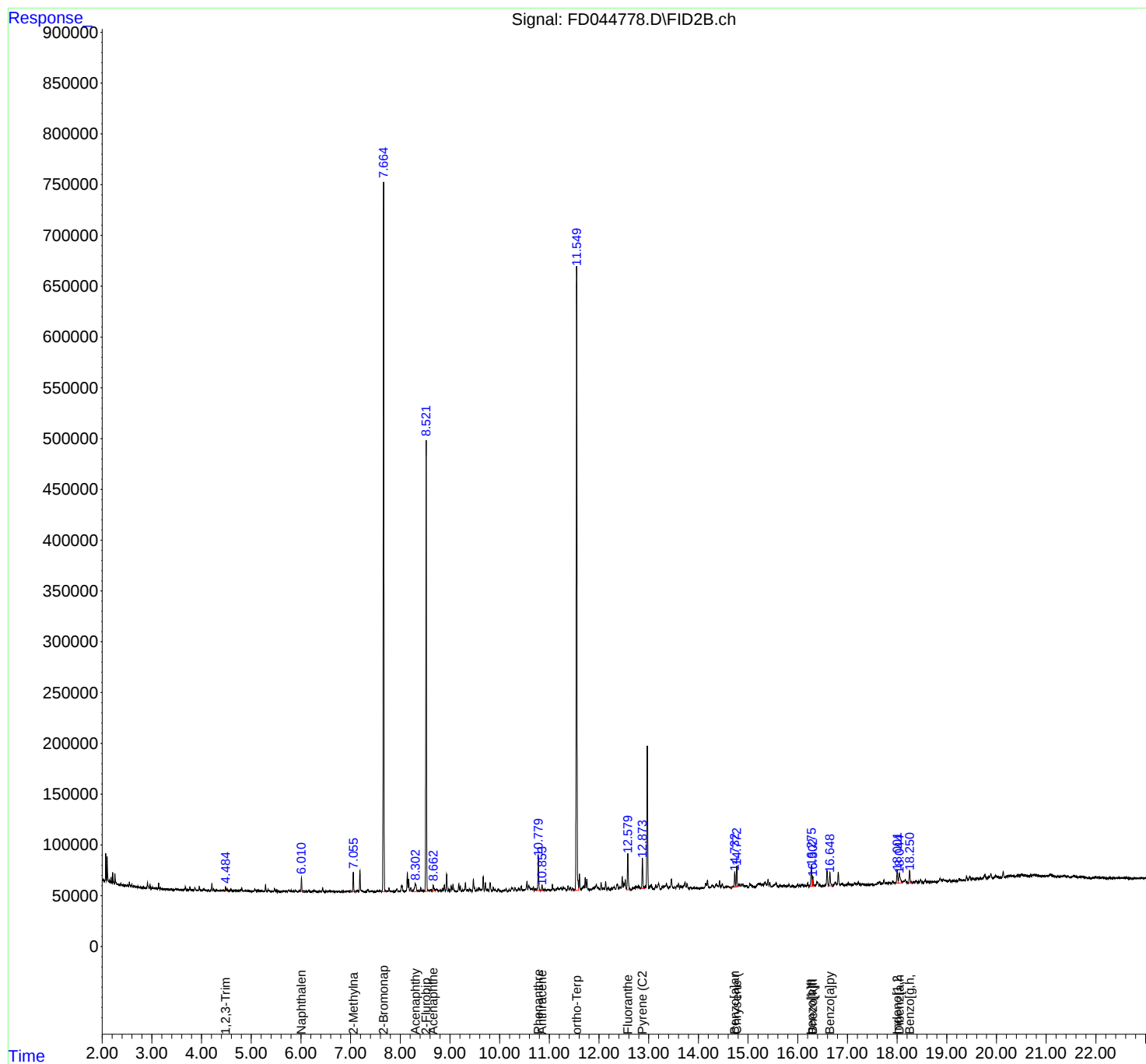
(m)=manual int.

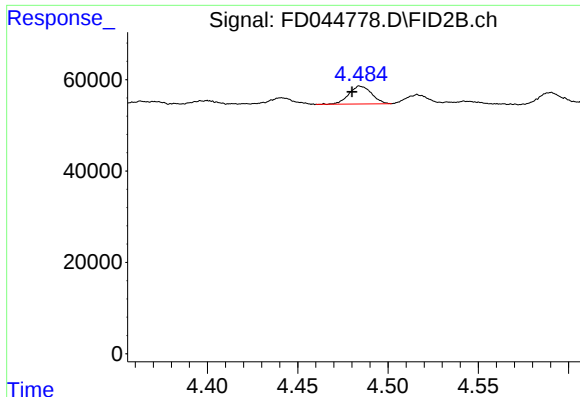
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011223AR\
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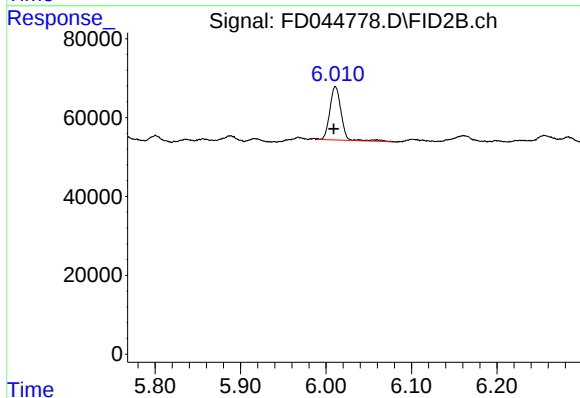




#1 1,2,3-Trimethylbenzene (C10.1)

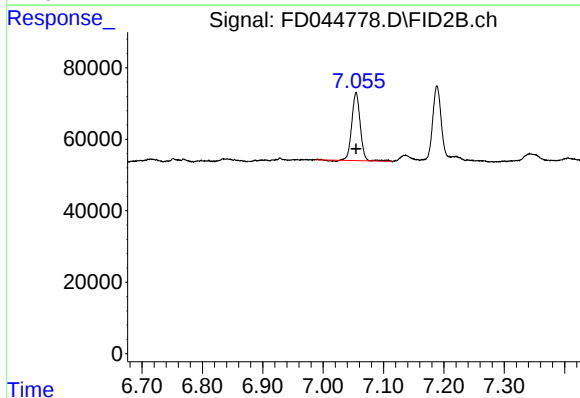
R.T.: 4.485 min
Delta R.T.: 0.005 min
Response: 34278
Conc: 0.21 ug/ml

Instrument :
FID_D
ClientSampleId :



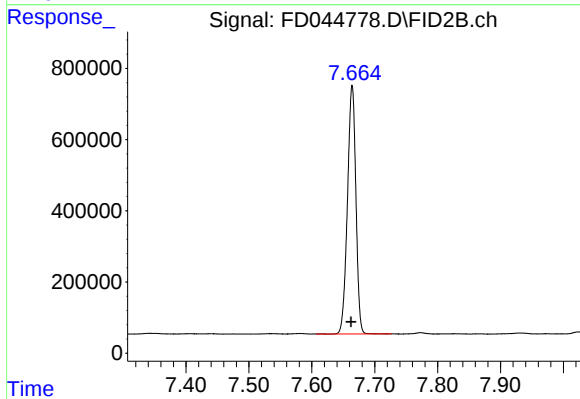
#2 Naphthalene (C11.7)

R.T.: 6.011 min
Delta R.T.: 0.002 min
Response: 124424
Conc: 0.74 ug/ml



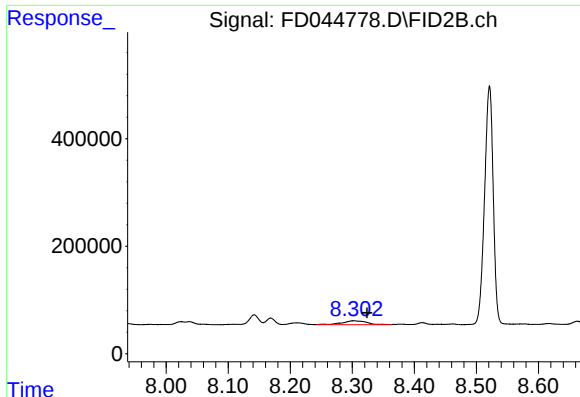
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.055 min
Delta R.T.: 0.000 min
Response: 184245
Conc: 1.10 ug/ml



#4 2-Bromonaphthalene (SURR)

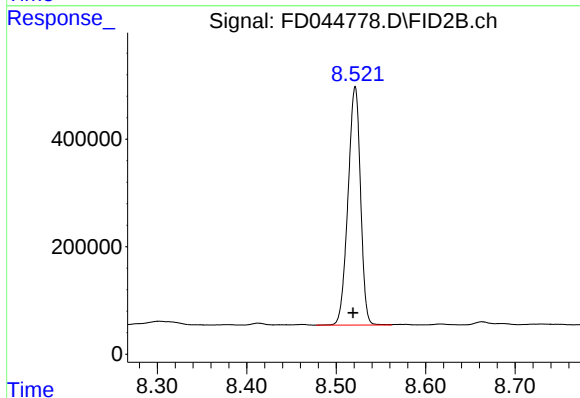
R.T.: 7.664 min
Delta R.T.: 0.002 min
Response: 6507797
Conc: 45.13 ug/ml



#5 Acenaphthylene (C15.06)

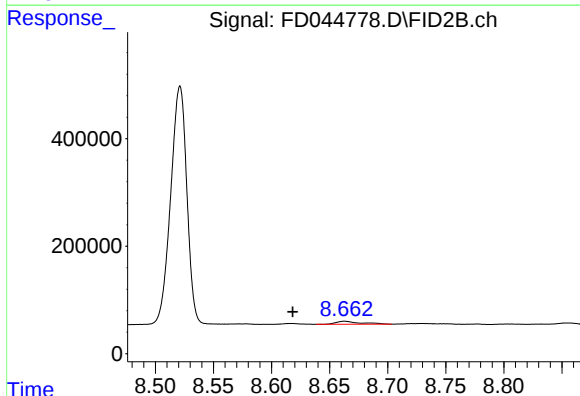
R.T.: 8.302 min
Delta R.T.: -0.022 min
Response: 201265
Conc: 1.33 ug/ml

Instrument :
FID_D
ClientSampleId :



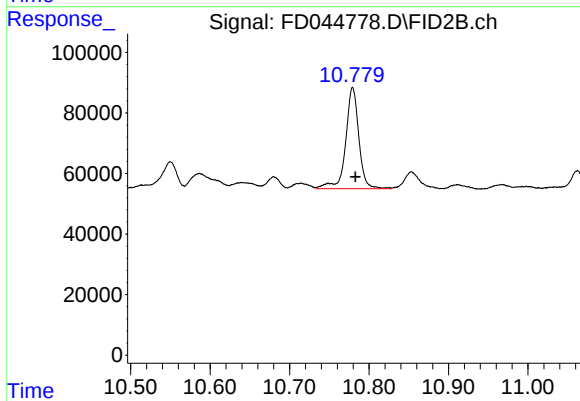
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.521 min
Delta R.T.: 0.002 min
Response: 4312683
Conc: 44.43 ug/ml



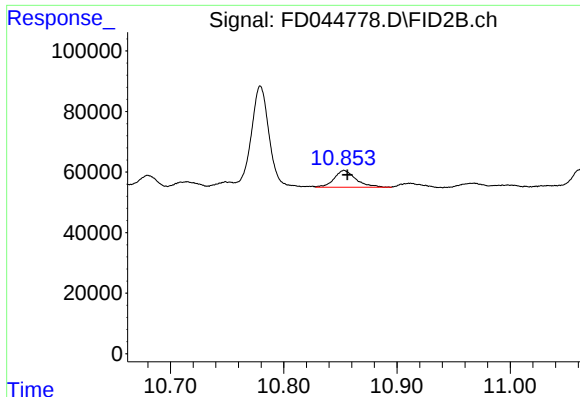
#7 Acenaphthene (C15.5)

R.T.: 8.663 min
Delta R.T.: 0.045 min
Response: 83268
Conc: 0.51 ug/ml



#9 Phenanthrene (C19.36)

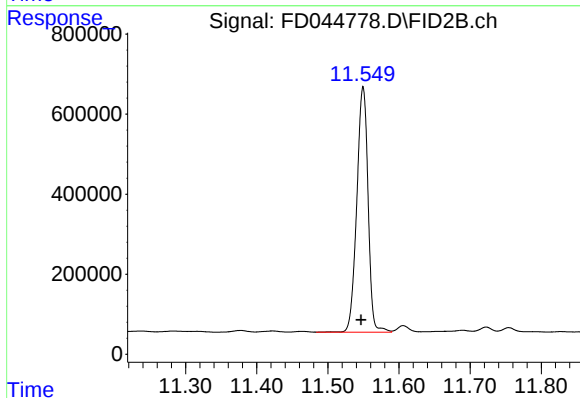
R.T.: 10.780 min
Delta R.T.: -0.003 min
Response: 383705
Conc: 2.45 ug/ml



#10 Anthracene (C19.43)

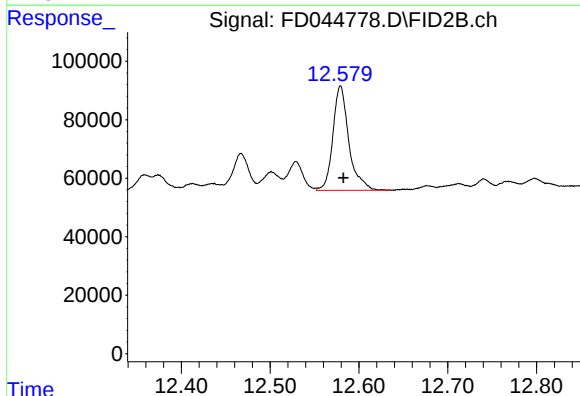
R.T.: 10.854 min
Delta R.T.: -0.003 min
Response: 73926
Conc: 0.59 ug/ml

Instrument :
FID_D
ClientSampleId :



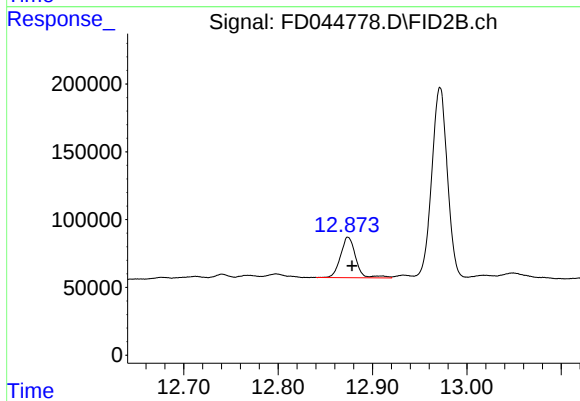
#11 ortho-Terphenyl (SURR)

R.T.: 11.549 min
Delta R.T.: 0.003 min
Response: 6740745
Conc: 37.41 ug/ml



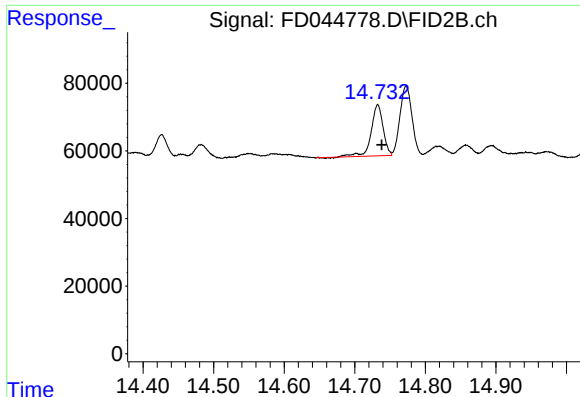
#12 Fluoranthene (C21.85)

R.T.: 12.579 min
Delta R.T.: -0.003 min
Response: 447881
Conc: 2.85 ug/ml



#13 Pyrene (C20.8)

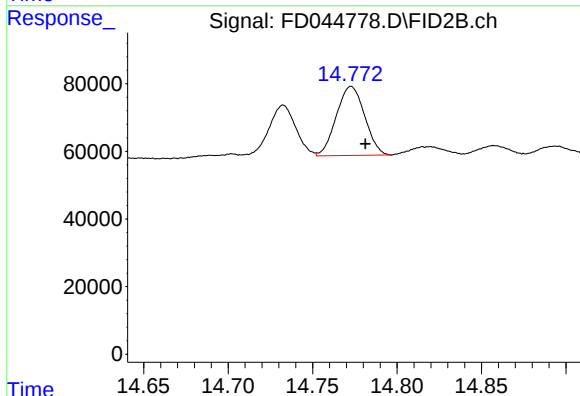
R.T.: 12.874 min
Delta R.T.: -0.004 min
Response: 335895
Conc: 2.19 ug/ml



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

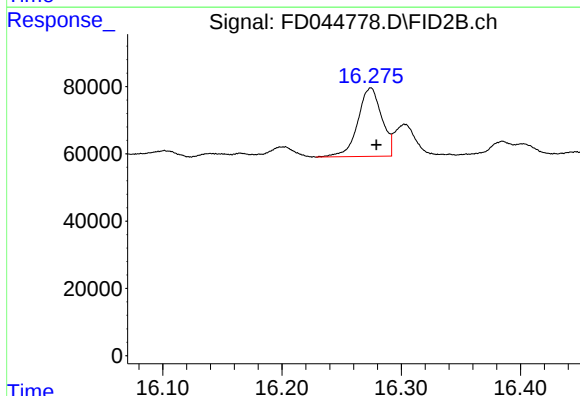
R.T.: 14.733 min
Delta R.T.: -0.006 min
Response: 178627
Conc: 1.26 ug/ml

Instrument :
FID_D
ClientSampleId :



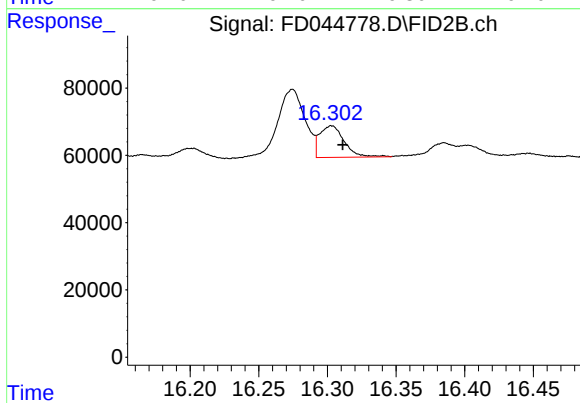
#15 Chrysene (C27.41)

R.T.: 14.773 min
Delta R.T.: -0.008 min
Response: 238720
Conc: 1.57 ug/ml



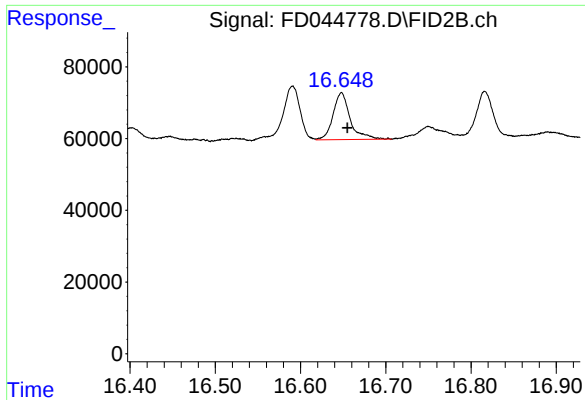
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.274 min
Delta R.T.: -0.005 min
Response: 283542
Conc: 1.89 ug/ml



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

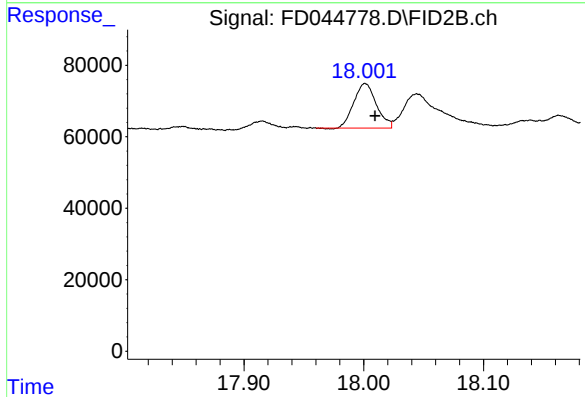
R.T.: 16.303 min
Delta R.T.: -0.009 min
Response: 117143
Conc: 0.77 ug/ml



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

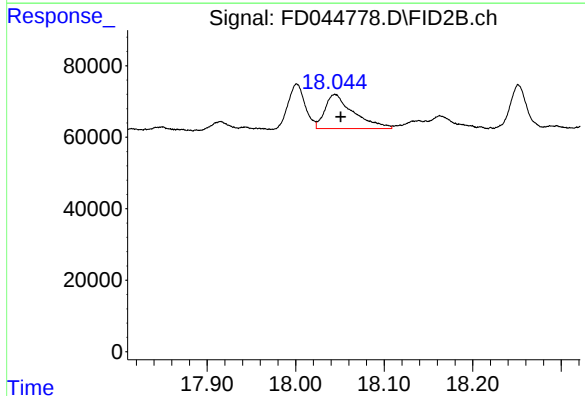
R.T.: 16.648 min
Delta R.T.: -0.007 min
Response: 183249
Conc: 1.26 ug/ml

Instrument :
FID_D
ClientSampleId :



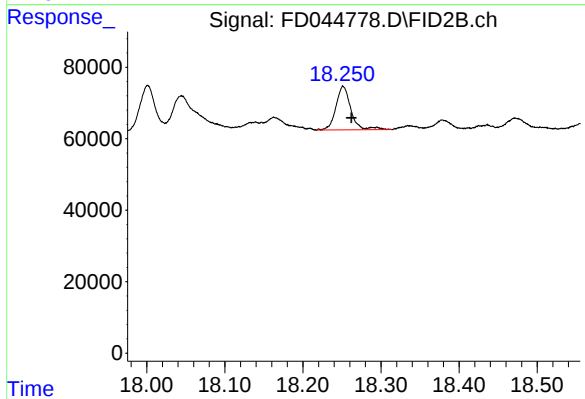
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.001 min
Delta R.T.: -0.008 min
Response: 162747
Conc: 1.15 ug/ml



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

R.T.: 18.044 min
Delta R.T.: -0.007 min
Response: 213601
Conc: 1.46 ug/ml



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

R.T.: 18.252 min
Delta R.T.: -0.010 min
Response: 161211
Conc: 1.13 ug/ml