

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031725AR\
 Data File : FF015676.D
 Signal(s) : FID2B.ch
 Acq On : 17 Mar 2025 12:38
 Operator : YP\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 17 13:31:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 031725.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 17 13:27:58 2025
 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...	8.000	5484460	50.526 ug/ml
Spiked Amount 50.000		Recovery =	101.05%
6) S 2-Fluorobiphenyl (SURR)	8.877	3557434	51.272 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	102.54%
11) S ortho-Terphenyl (SURR)	11.938	6396427	50.065 ug/ml
Spiked Amount 50.000		Recovery =	100.13%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.605	5996027	50.067 ug/ml
2) T Naphthalene (C11.7)	6.278	6114395	50.475 ug/ml
3) T 2-Methylnaphthalene (...)	7.374	6010843	50.353 ug/ml
5) T Acenaphthylene (C15.06)	8.676	6338189	50.215 ug/ml
7) T Acenaphthene (C15.5)	8.975	6325657	49.965 ug/ml
8) T Flouorene (C16.55)	9.765	6226083	50.345 ug/ml
9) T Phenanthrene (C19.36)	11.175	6006827	50.603 ug/ml
10) T Anthracene (C19.43)	11.250	5856932	50.680 ug/ml
12) T Fluoranthene (C21.85)	12.999	6093084	50.310 ug/ml
13) T Pyrene (C20.8)	13.298	6030005	49.856 ug/ml
14) T Benzo[a]anthracene (C...	15.183	5424277	51.173 ug/ml
15) T Chrysene (C27.41)	15.226	5854227	49.806 ug/ml
16) T benzo[b]fluoranthene ...	16.748	5556418	50.654 ug/ml
17) T Bnezo[k]fluoranthene ...	16.779	5747701	49.601 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.129	5354081	50.490 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.506	4757220	51.021 ug/ml
20) T Dibenz[a,h]anthracene...	18.541	5784624	50.227 ug/ml
21) T Benzo[g,h,i]perylene ...	18.763	5653308	50.208 ug/ml

(f)=RT Delta > 1/2 Window

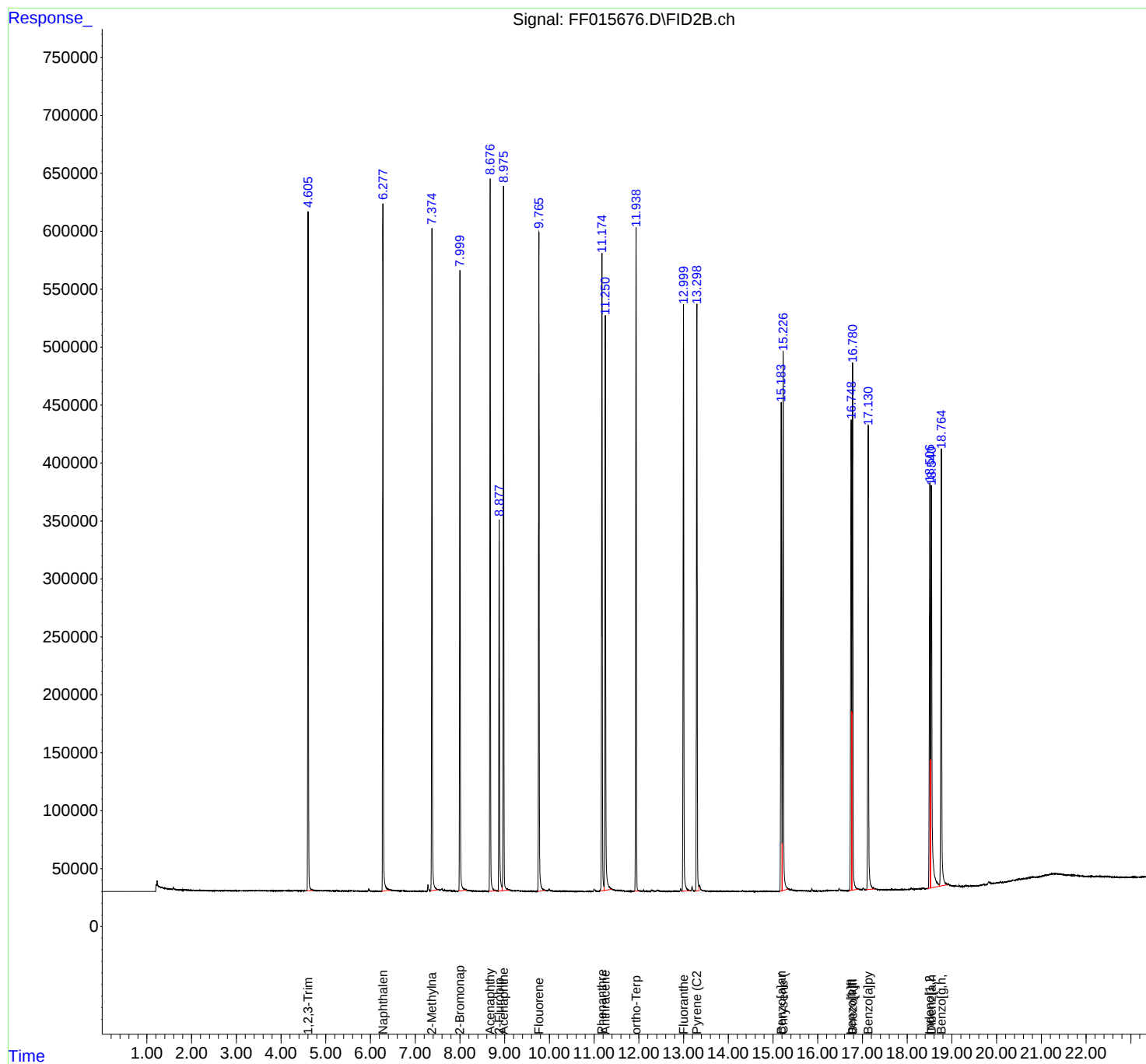
(m)=manual int.

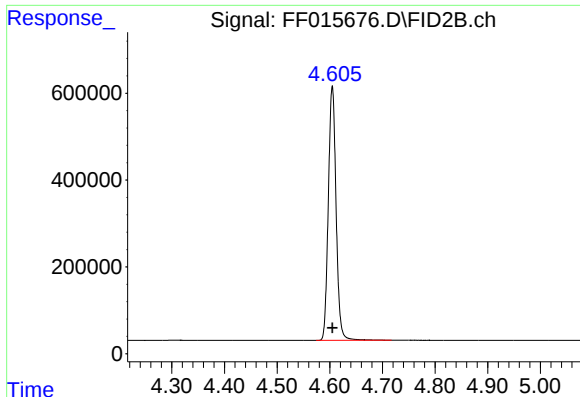
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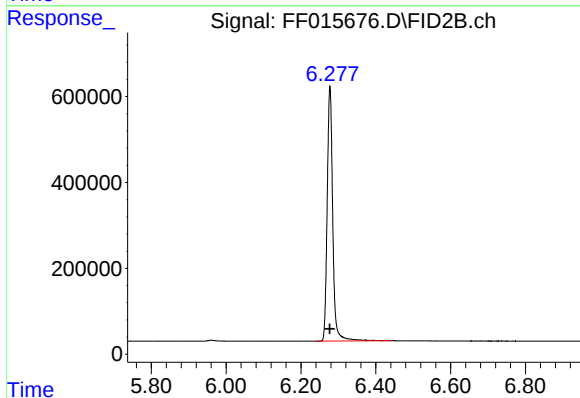




#1 1,2,3-Trimethylbenzene (C10.1)

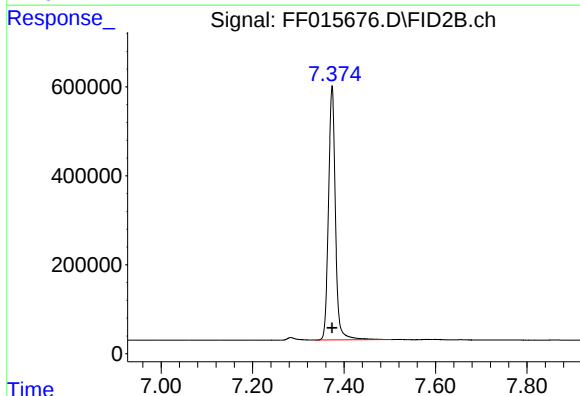
R.T.: 4.605 min
Delta R.T.: 0.000 min
Response: 5996027
Conc: 50.07 ug/ml

Instrument :
FID_F
ClientSampleId :



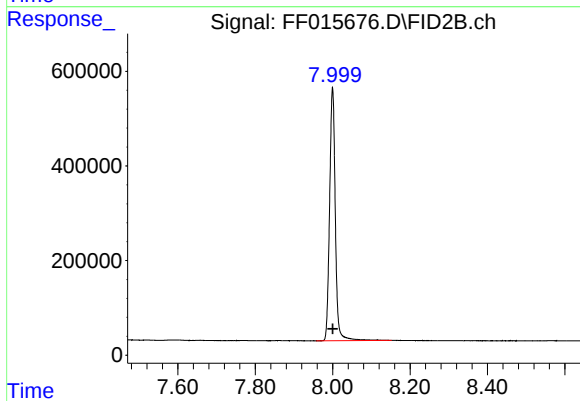
#2 Naphthalene (C11.7)

R.T.: 6.278 min
Delta R.T.: 0.000 min
Response: 6114395
Conc: 50.48 ug/ml



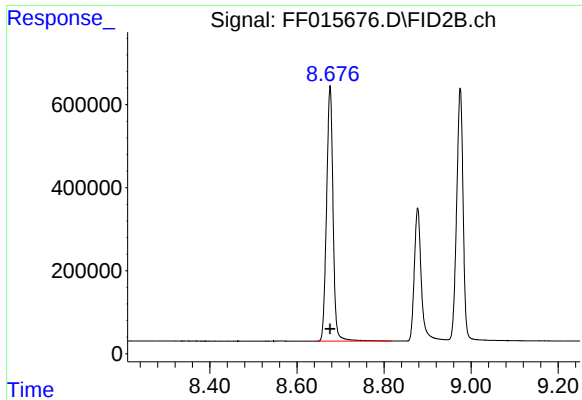
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.374 min
Delta R.T.: 0.000 min
Response: 6010843
Conc: 50.35 ug/ml



#4 2-Bromonaphthalene (SURR)

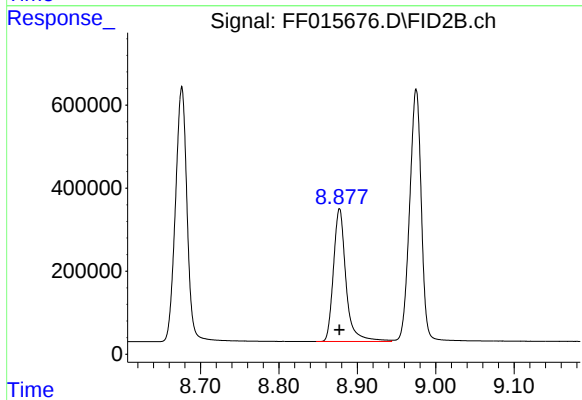
R.T.: 8.000 min
Delta R.T.: 0.000 min
Response: 5484460
Conc: 50.53 ug/ml



#5 Acenaphthylene (C15.06)

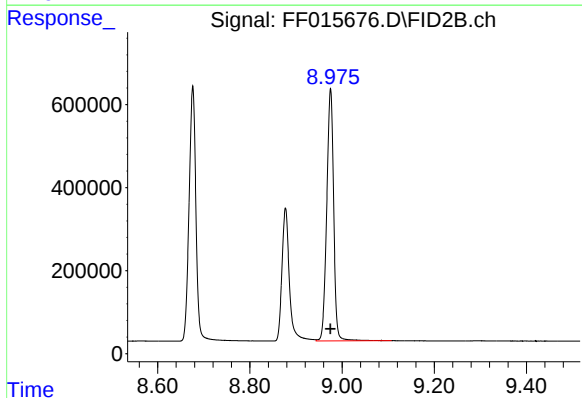
R.T.: 8.676 min
Delta R.T.: 0.000 min
Response: 6338189
Conc: 50.21 ug/ml

Instrument :
FID_F
ClientSampleId :



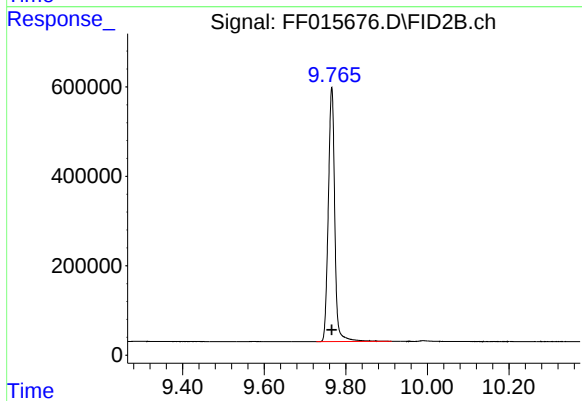
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.877 min
Delta R.T.: 0.000 min
Response: 3557434
Conc: 51.27 ug/ml



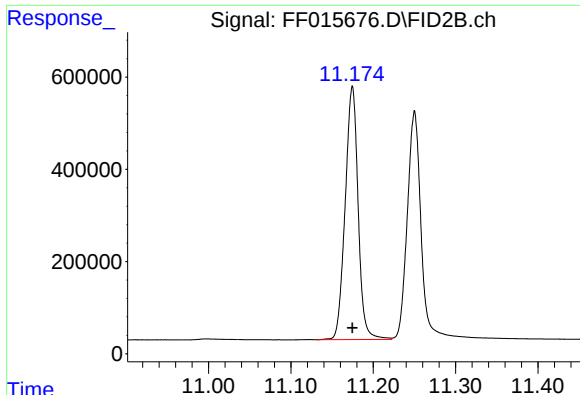
#7 Acenaphthene (C15.5)

R.T.: 8.975 min
Delta R.T.: 0.000 min
Response: 6325657
Conc: 49.97 ug/ml



#8 Flouorene (C16.55)

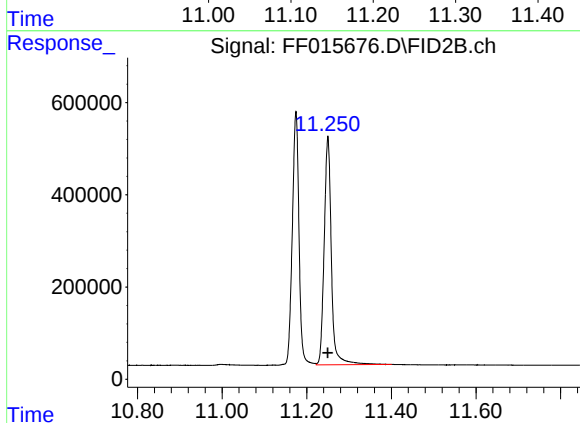
R.T.: 9.765 min
Delta R.T.: 0.000 min
Response: 6226083
Conc: 50.34 ug/ml



#9 Phenanthrene (C19.36)

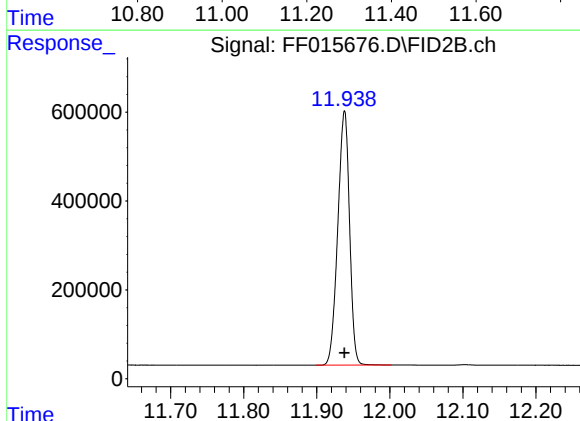
R.T.: 11.175 min
Delta R.T.: 0.000 min
Response: 6006827
Conc: 50.60 ug/ml

Instrument :
FID_F
ClientSampleId :



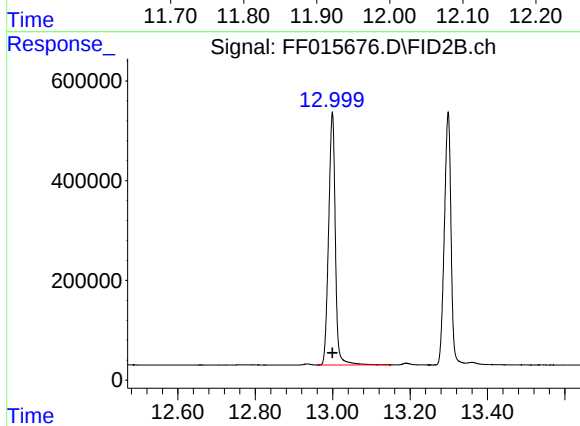
#10 Anthracene (C19.43)

R.T.: 11.250 min
Delta R.T.: 0.000 min
Response: 5856932
Conc: 50.68 ug/ml



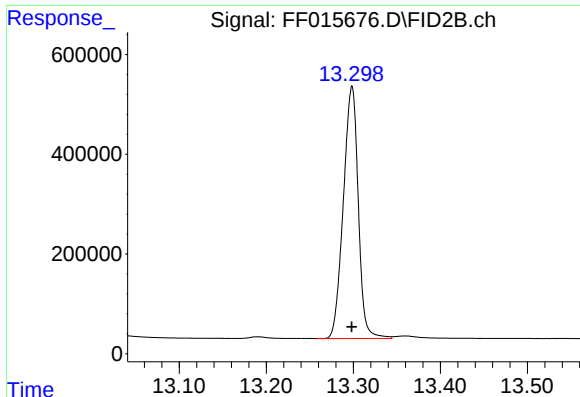
#11 ortho-Terphenyl (SURR)

R.T.: 11.938 min
Delta R.T.: 0.000 min
Response: 6396427
Conc: 50.07 ug/ml



#12 Fluoranthene (C21.85)

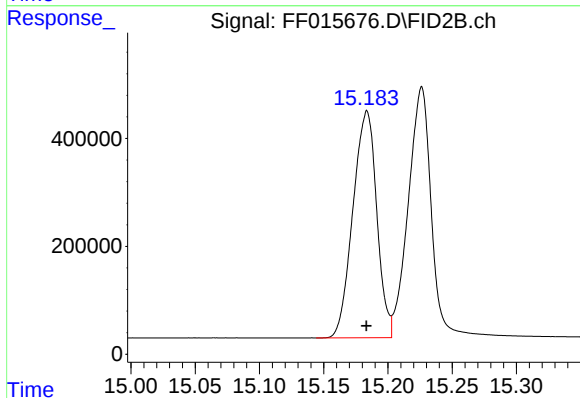
R.T.: 12.999 min
Delta R.T.: 0.000 min
Response: 6093084
Conc: 50.31 ug/ml



#13 Pyrene (C20.8)

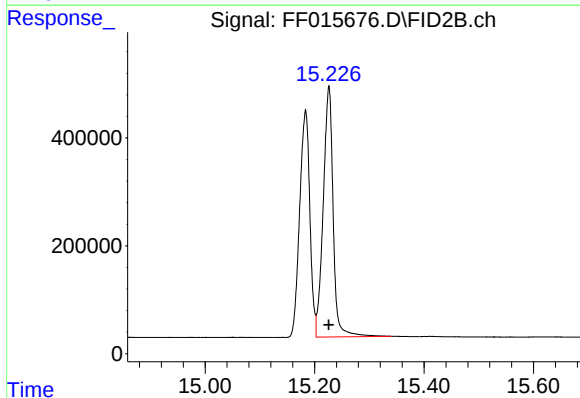
R.T.: 13.298 min
Delta R.T.: 0.000 min
Response: 6030005
Conc: 49.86 ug/ml

Instrument :
FID_F
ClientSampleId :



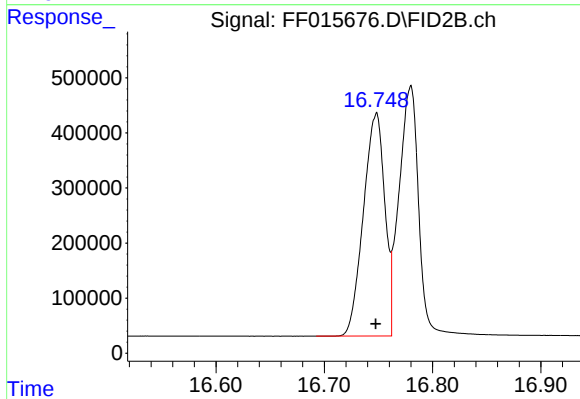
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.183 min
Delta R.T.: 0.000 min
Response: 5424277
Conc: 51.17 ug/ml



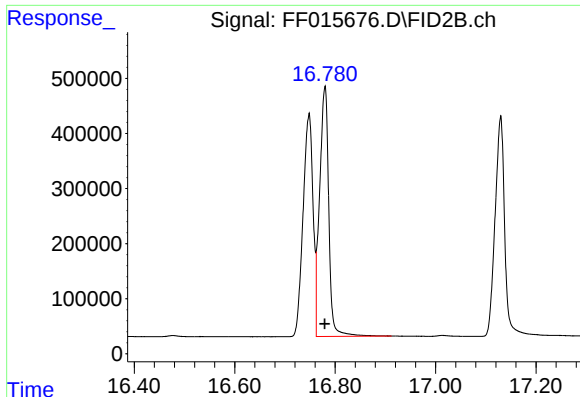
#15 Chrysene (C27.41)

R.T.: 15.226 min
Delta R.T.: 0.000 min
Response: 5854227
Conc: 49.81 ug/ml



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

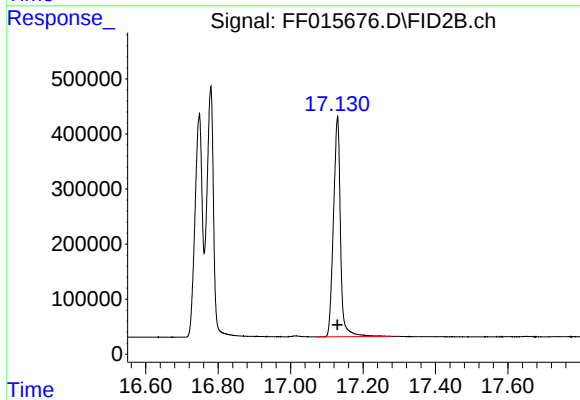
R.T.: 16.748 min
Delta R.T.: 0.000 min
Response: 5556418
Conc: 50.65 ug/ml



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

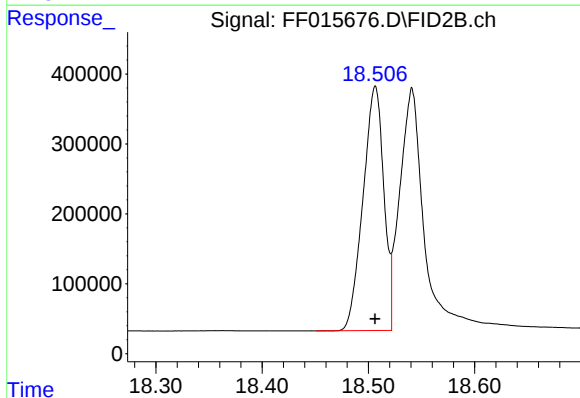
R.T.: 16.779 min
Delta R.T.: 0.000 min
Response: 5747701
Conc: 49.60 ug/ml

Instrument :
FID_F
ClientSampleId :



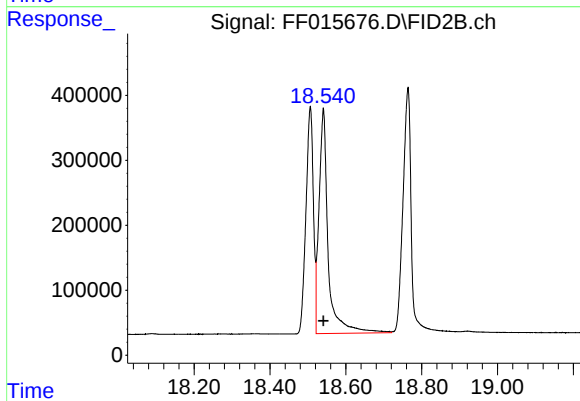
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.129 min
Delta R.T.: 0.000 min
Response: 5354081
Conc: 50.49 ug/ml



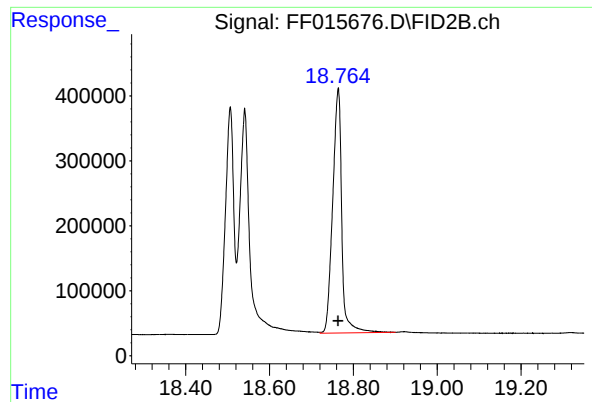
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.506 min
Delta R.T.: 0.000 min
Response: 4757220
Conc: 51.02 ug/ml



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

R.T.: 18.541 min
Delta R.T.: 0.000 min
Response: 5784624
Conc: 50.23 ug/ml



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

R.T.: 18.763 min
Delta R.T.: 0.000 min
Response: 5653308
Conc: 50.21 ug/ml

Instrument :

FID_F

ClientSampleId :