

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080825AR\
 Data File : FD049599.D
 Signal(s) : FID2B.ch
 Acq On : 08 Aug 2025 15:21
 Operator : YP/AJ
 Sample : Q2759-04DL 5X
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 11 04:48:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071525.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 15 12:32:40 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...	7.714	1215030	9.287 ug/ml
Spiked Amount 50.000		Recovery =	18.57%
6) S 2-Fluorobiphenyl (SURR)	8.578	812866	8.772 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	17.54%
11) S ortho-Terphenyl (SURR)	11.627	2748951	16.765 ug/ml
Spiked Amount 50.000		Recovery =	33.53%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.509	61883	0.479 ug/ml
2) T Naphthalene (C11.7)	6.081	648674	4.432 ug/ml
3) T 2-Methylnaphthalene (...)	7.103	1135557	7.478 ug/ml
5) T Acenaphthylene (C15.06)	8.373	637485	4.016 ug/ml
7) T Acenaphthene (C15.5)	8.664	444197	2.806 ug/ml
8) T Flouorene (C16.55)	9.462	272832	1.708 ug/ml
9) T Phenanthrene (C19.36)	10.879	1319100	8.053 ug/ml
10) T Anthracene (C19.43)	10.937	1998351	12.545 ug/ml
12) T Fluoranthene (C21.85)	12.673	420301	2.586 ug/ml
13) T Pyrene (C20.8)	12.969	1008651	6.215 ug/ml
14) T Benzo[a]anthracene (C...	14.832	279906	1.911 ug/ml
15) T Chrysene (C27.41)	14.832f	279906	1.881 ug/ml
16) T benzo[b]fluoranthene ...	16.379	540093	3.812 ug/ml
17) T Bnezo[k]fluoranthene ...	16.379	540093	4.040 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.742	493713	3.586 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.122	508507	4.060 ug/ml
20) T Dibenz[a,h]anthracene...	18.178	227505	1.727 ug/ml
21) T Benzo[g,h,i]perylene ...	18.424	24947952	188.508 ug/ml

(f)=RT Delta > 1/2 Window

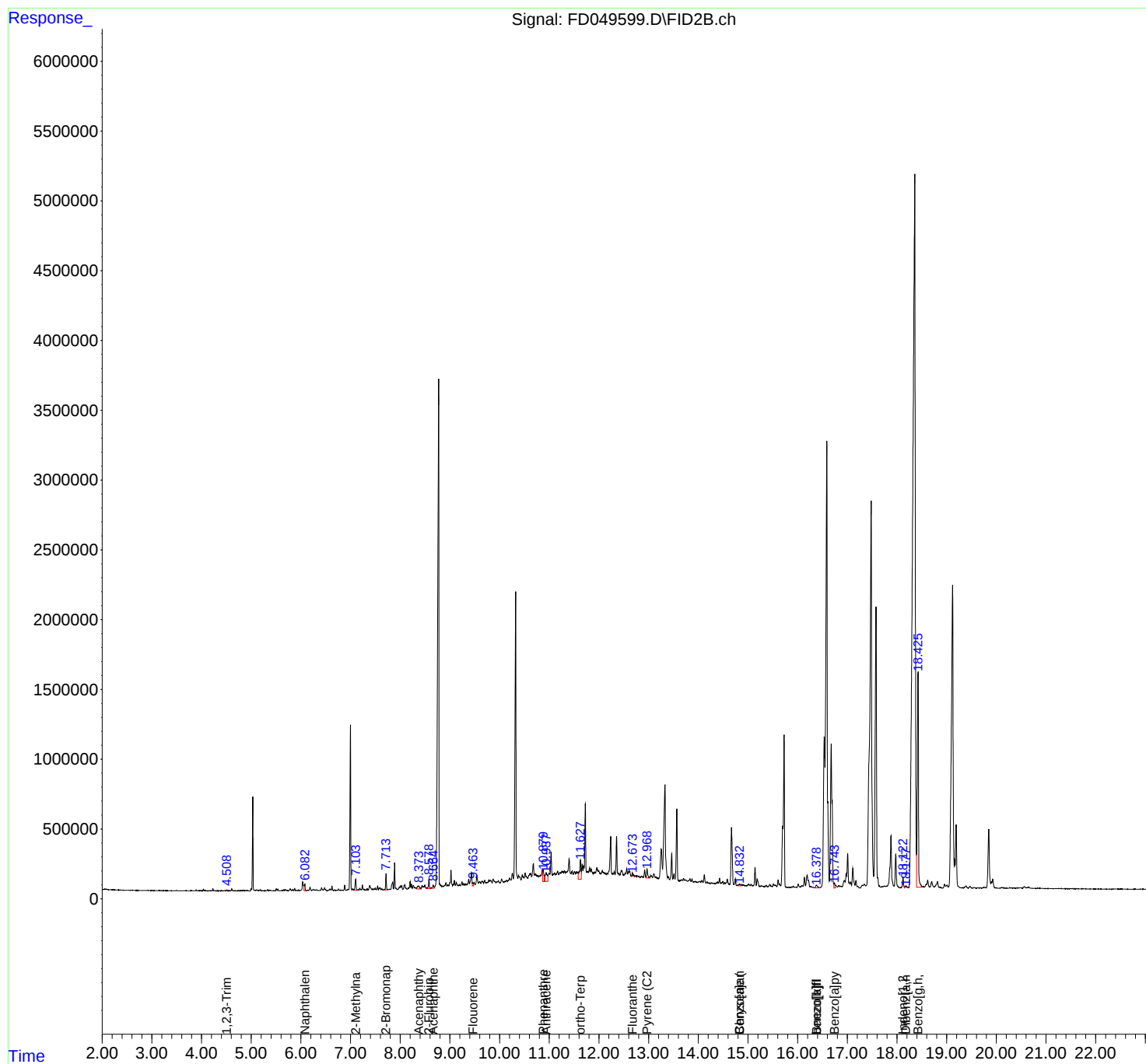
(m)=manual int.

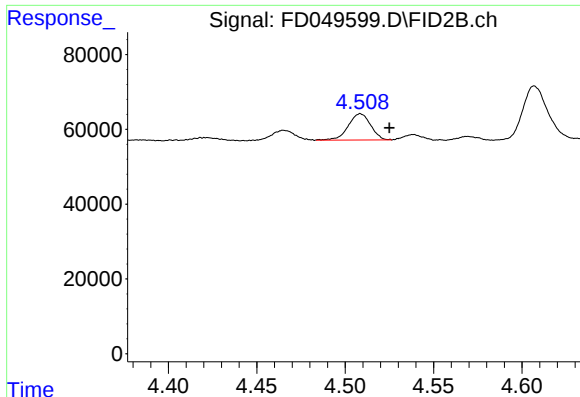
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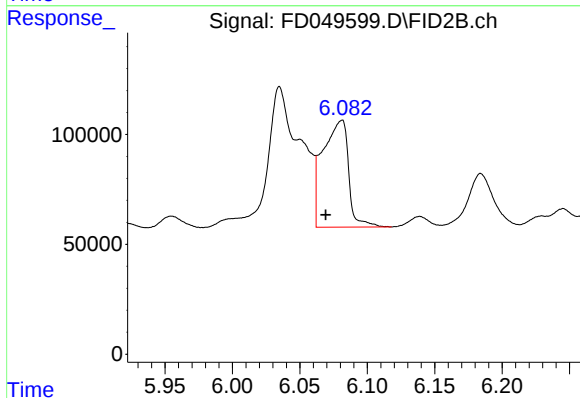




#1 1,2,3-Trimethylbenzene (C10.1)

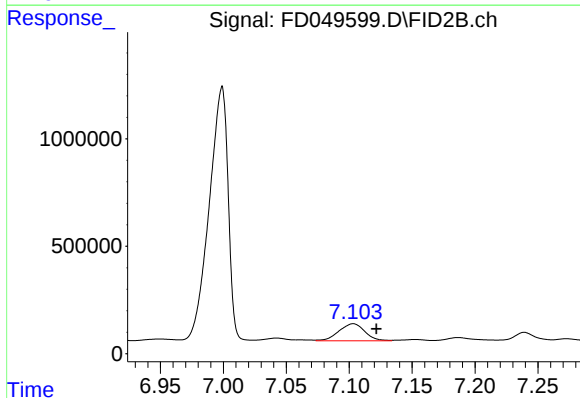
R.T.: 4.509 min
Delta R.T.: -0.016 min
Response: 61883
Conc: 0.48 ug/ml

Instrument :
FID_D
ClientSampleId :



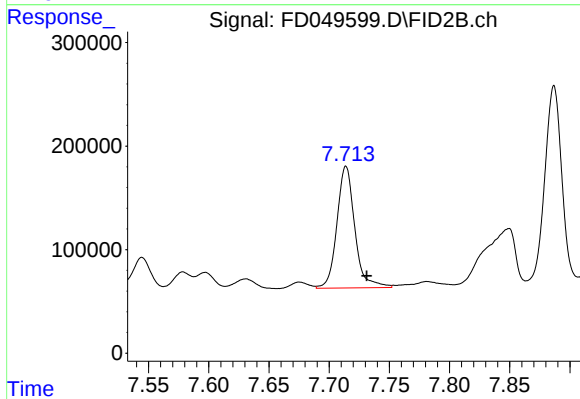
#2 Naphthalene (C11.7)

R.T.: 6.081 min
Delta R.T.: 0.011 min
Response: 648674
Conc: 4.43 ug/ml



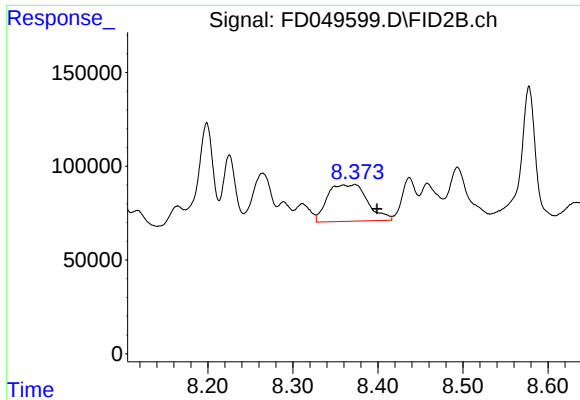
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.103 min
Delta R.T.: -0.018 min
Response: 1135557
Conc: 7.48 ug/ml



#4 2-Bromonaphthalene (SURR)

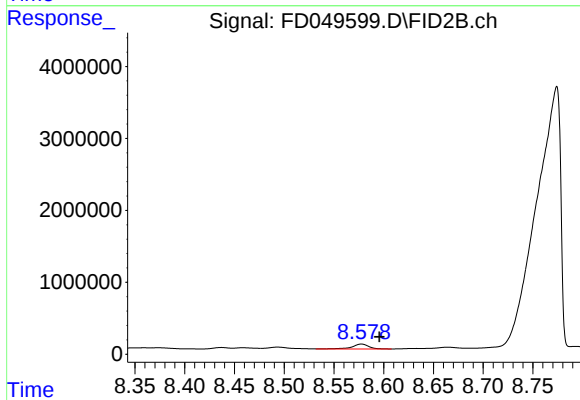
R.T.: 7.714 min
Delta R.T.: -0.017 min
Response: 1215030
Conc: 9.29 ug/ml



#5 Acenaphthylene (C15.06)

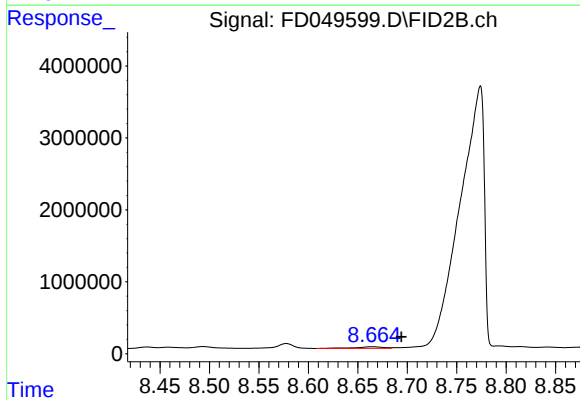
R.T.: 8.373 min
Delta R.T.: -0.026 min
Response: 637485
Conc: 4.02 ug/ml

Instrument :
FID_D
ClientSampleId :



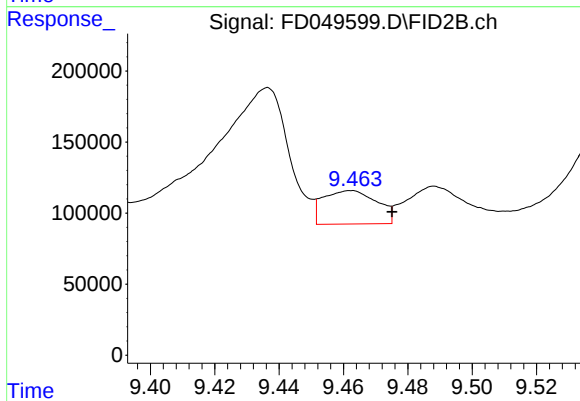
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.578 min
Delta R.T.: -0.018 min
Response: 812866
Conc: 8.77 ug/ml



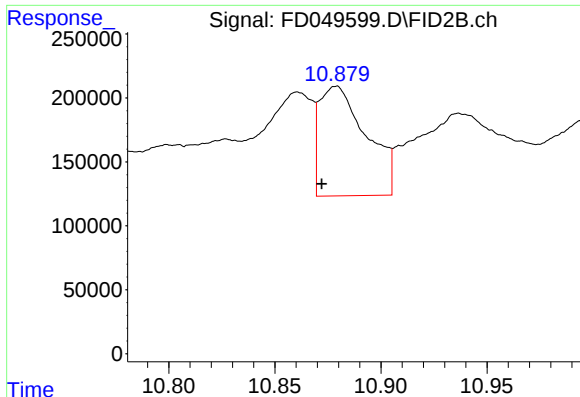
#7 Acenaphthene (C15.5)

R.T.: 8.664 min
Delta R.T.: -0.030 min
Response: 444197
Conc: 2.81 ug/ml



#8 Fluorene (C16.55)

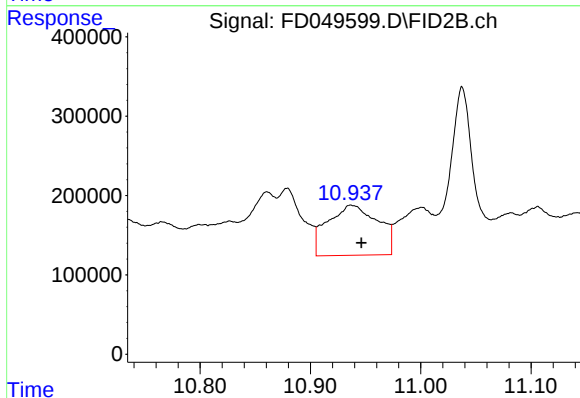
R.T.: 9.462 min
Delta R.T.: -0.013 min
Response: 272832
Conc: 1.71 ug/ml



#9 Phenanthrene (C19.36)

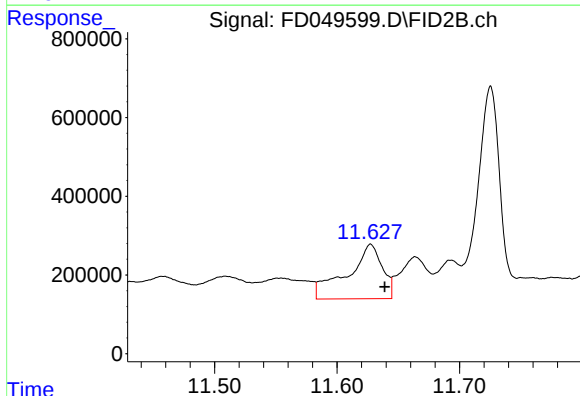
R.T.: 10.879 min
Delta R.T.: 0.007 min
Response: 1319100
Conc: 8.05 ug/ml

Instrument :
FID_D
ClientSampleId :



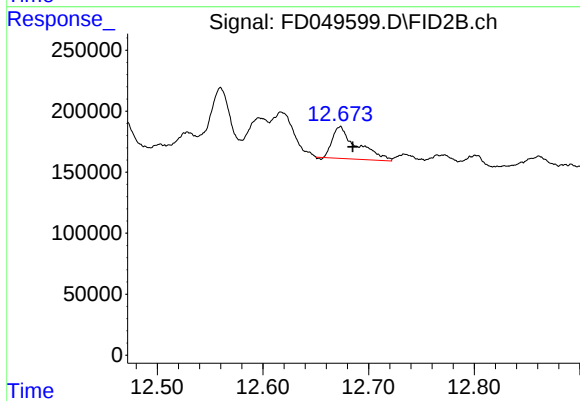
#10 Anthracene (C19.43)

R.T.: 10.937 min
Delta R.T.: -0.010 min
Response: 1998351
Conc: 12.55 ug/ml



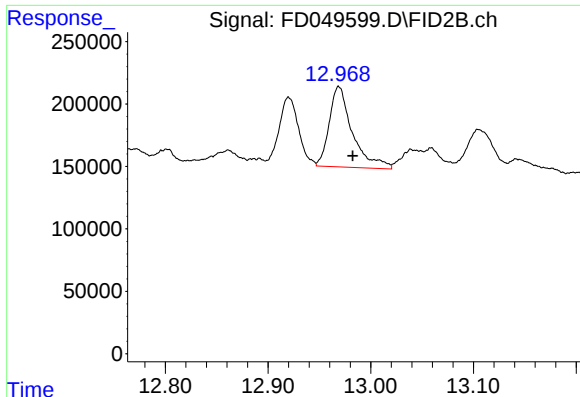
#11 ortho-Terphenyl (SURR)

R.T.: 11.627 min
Delta R.T.: -0.011 min
Response: 2748951
Conc: 16.77 ug/ml



#12 Fluoranthene (C21.85)

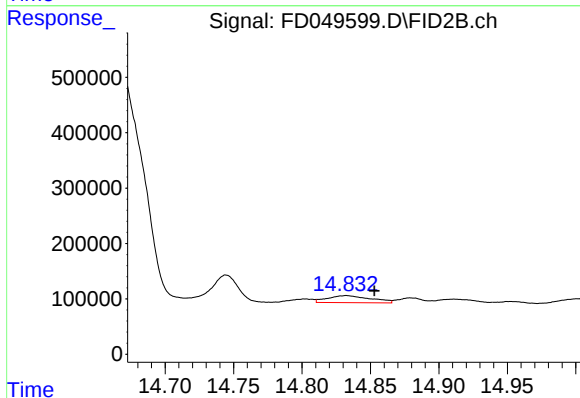
R.T.: 12.673 min
Delta R.T.: -0.012 min
Response: 420301
Conc: 2.59 ug/ml



#13 Pyrene (C20.8)

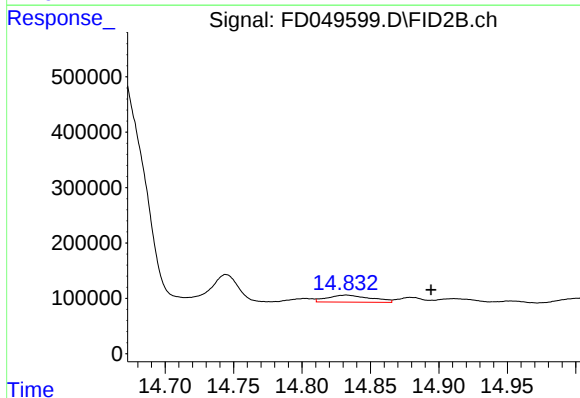
R.T.: 12.969 min
Delta R.T.: -0.013 min
Response: 1008651
Conc: 6.22 ug/ml

Instrument :
FID_D
ClientSampleId :



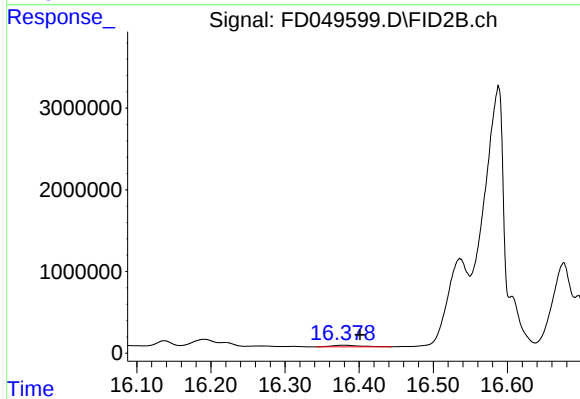
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.832 min
Delta R.T.: -0.021 min
Response: 279906
Conc: 1.91 ug/ml



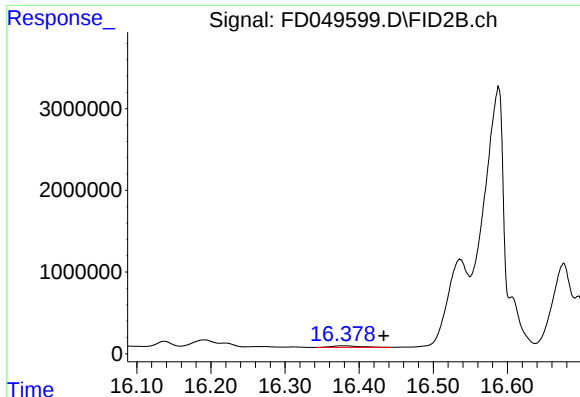
#15 Chrysene (C27.41)

R.T.: 14.832 min
Delta R.T.: -0.062 min
Response: 279906
Conc: 1.88 ug/ml



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

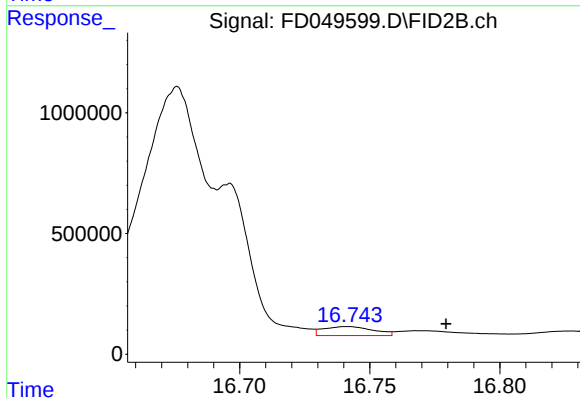
R.T.: 16.379 min
Delta R.T.: -0.022 min
Response: 540093
Conc: 3.81 ug/ml



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

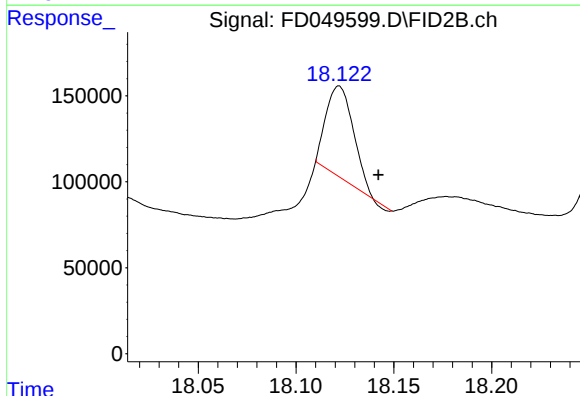
R.T.: 16.379 min
Delta R.T.: -0.054 min
Response: 540093
Conc: 4.04 ug/ml

Instrument :
FID_D
ClientSampleId :



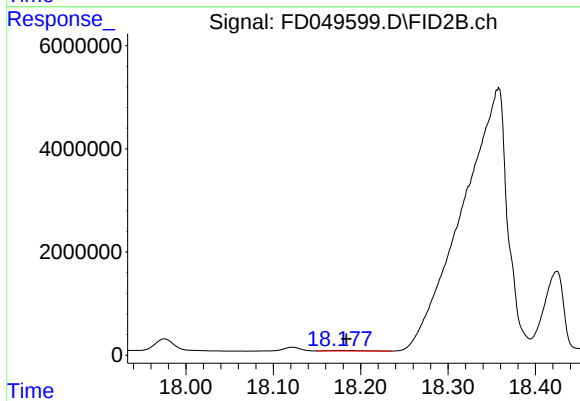
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.742 min
Delta R.T.: -0.038 min
Response: 493713
Conc: 3.59 ug/ml



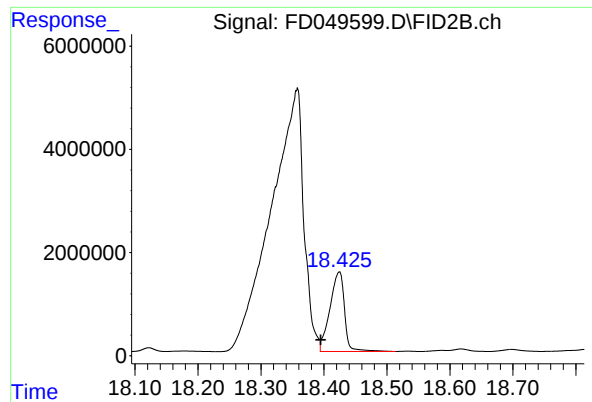
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.122 min
Delta R.T.: -0.020 min
Response: 508507
Conc: 4.06 ug/ml



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

R.T.: 18.178 min
Delta R.T.: -0.006 min
Response: 227505
Conc: 1.73 ug/ml



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

R.T.: 18.424 min
Delta R.T.: 0.029 min
Response: 24947952
Conc: 188.51 ug/ml

Instrument :

FID_D

ClientSampleId :