

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110723AR\
 Data File : FD046846.D
 Signal(s) : FID2B.ch
 Acq On : 07 Nov 2023 21:55
 Operator : YP/AJ
 Sample : 05251-02
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 07 23:29:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102723.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:49:53 2023
 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...	7.485	8744900	47.950 ug/ml
Spiked Amount 50.000		Recovery =	95.90%
6) S 2-Fluorobiphenyl (SURR)	8.337	4862448	41.318 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	82.64%
11) S ortho-Terphenyl (SURR)	11.375	6755371	31.902 ug/ml
Spiked Amount 50.000		Recovery =	63.80%
Target Compounds			
2) T Naphthalene (C11.7)	5.826	61947	0.309 ug/ml
3) T 2-Methylnaphthalene (...)	6.879	181685	0.904 ug/ml
5) T Acenaphthylene (C15.06)	8.139	230214	1.252 ug/ml
7) T Acenaphthene (C15.5)	8.434	90409	0.462 ug/ml
8) T Fluorene (C16.55)	9.214	202413	1.094 ug/ml
9) T Phenanthrene (C19.36)	10.600	2152990	12.102 ug/ml
10) T Anthracene (C19.43)	10.674	288197	1.691 ug/ml
12) T Fluoranthene (C21.85)	12.405	4293872	24.862 ug/ml
13) T Pyrene (C20.8)	12.699	3735213	22.464 ug/ml
14) T Benzo[a]anthracene (C...	14.560	1630531	11.589 ug/ml
15) T Chrysene (C27.41)	14.600	1956795	12.547 ug/ml
16) T benzo[b]fluoranthene ...	16.104	2019443	14.110 ug/ml
17) T Bnezo[k]fluoranthene ...	16.131	732111	5.001 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.476	1394893	9.952 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.833	1003257	7.942 ug/ml
20) T Dibenz[a,h]anthracene...	17.874	516703	3.699 ug/ml
21) T Benzo[g,h,i]perylene ...	18.082	900928	6.452 ug/ml

(f)=RT Delta > 1/2 Window

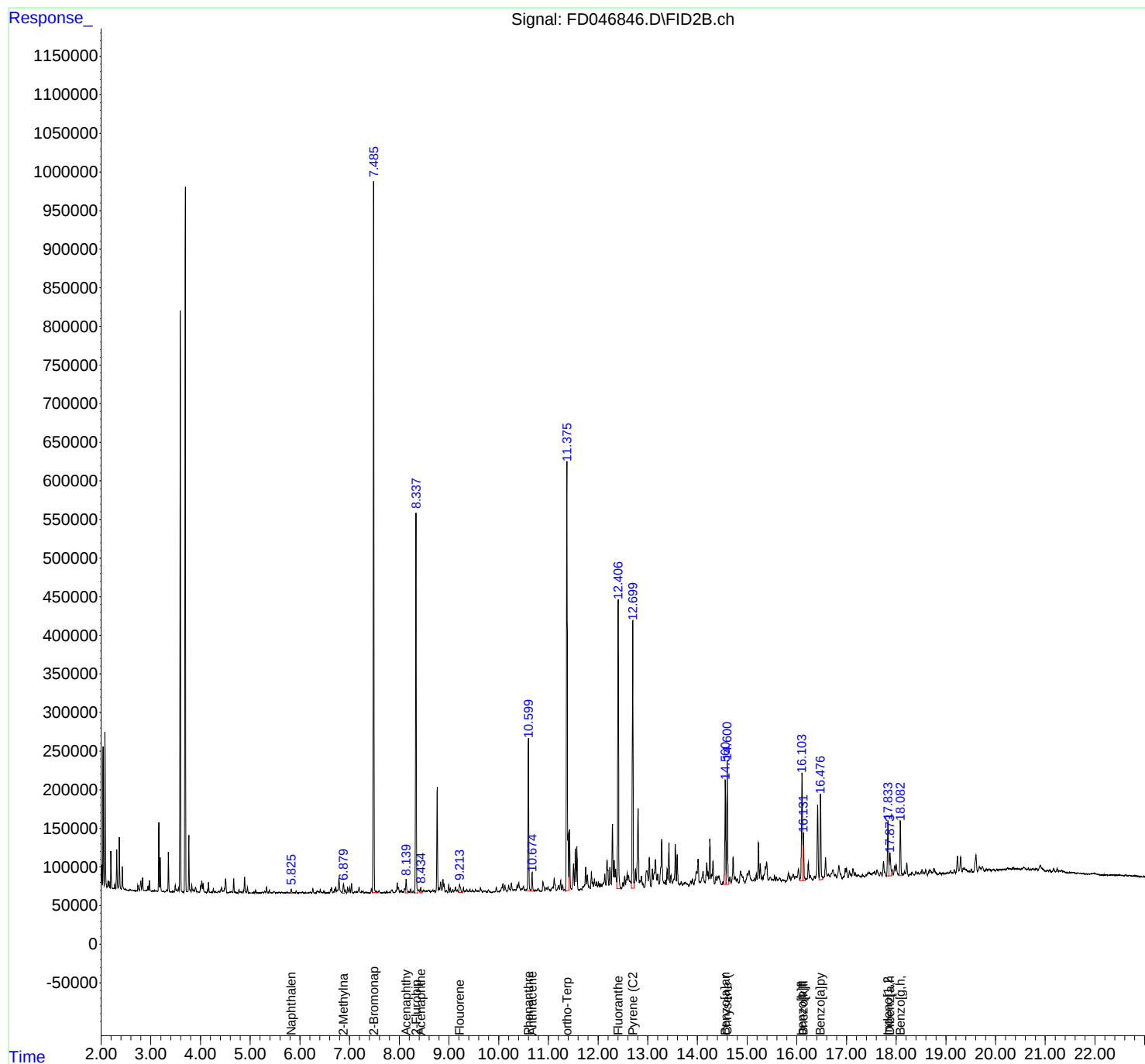
(m)=manual int.

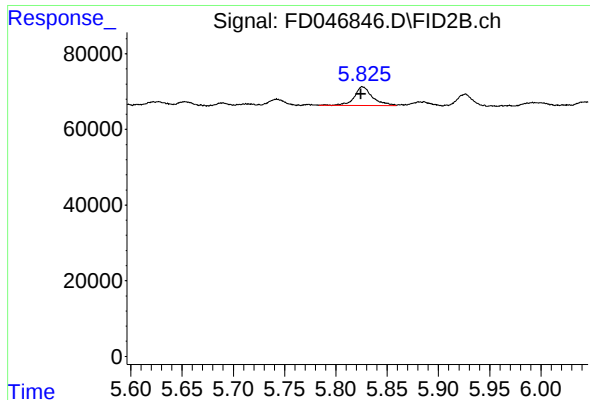
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110723AR\
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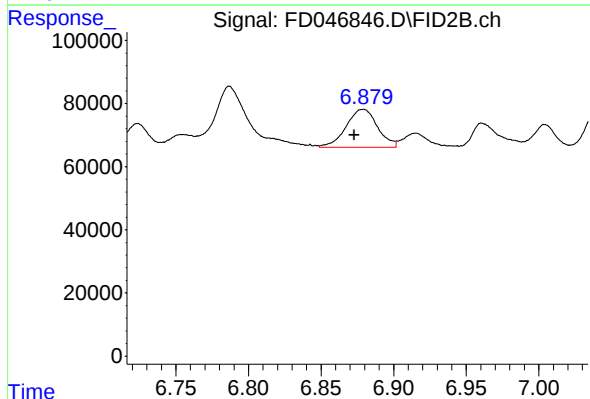




#2 Naphthalene (C11.7)

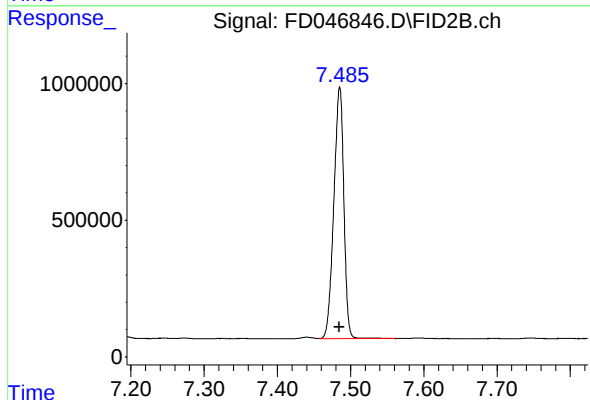
R.T.: 5.826 min
Delta R.T.: 0.002 min
Response: 61947
Conc: 0.31 ug/ml

Instrument :
FID_D
ClientSampleId :



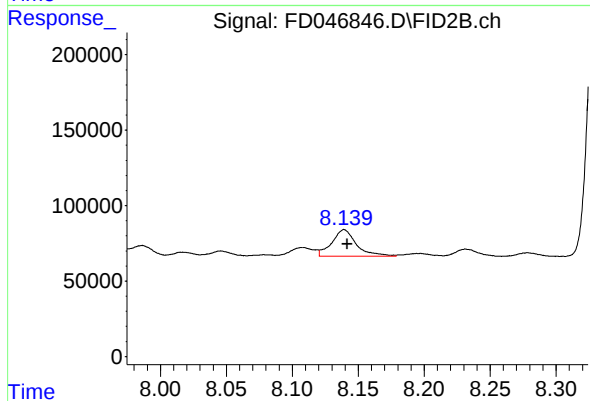
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.879 min
Delta R.T.: 0.006 min
Response: 181685
Conc: 0.90 ug/ml



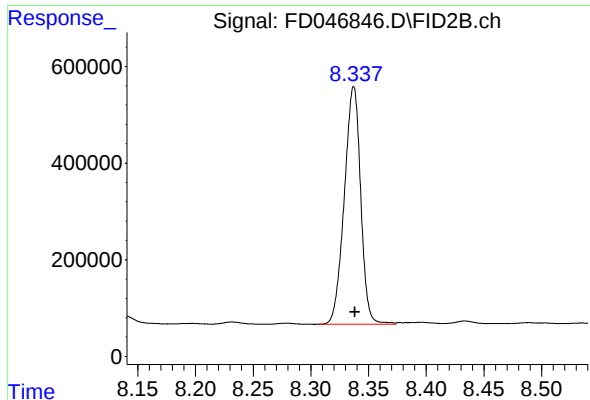
#4 2-Bromonaphthalene (SURR)

R.T.: 7.485 min
Delta R.T.: 0.000 min
Response: 8744900
Conc: 47.95 ug/ml



#5 Acenaphthylene (C15.06)

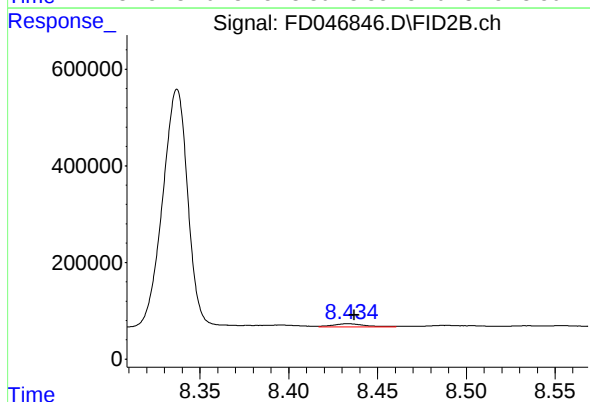
R.T.: 8.139 min
Delta R.T.: -0.002 min
Response: 230214
Conc: 1.25 ug/ml



#6 2-Fluorobiphenyl (SURR)

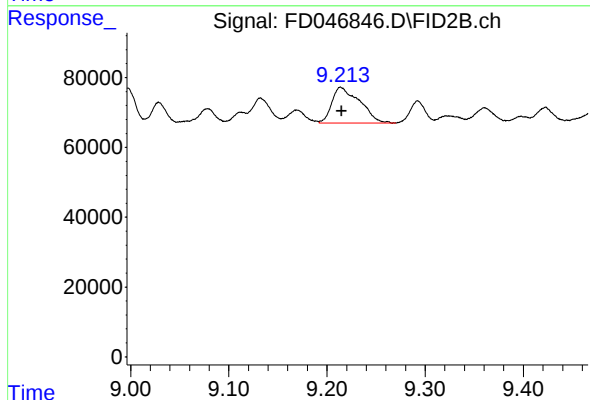
R.T.: 8.337 min
Delta R.T.: -0.001 min
Response: 4862448
Conc: 41.32 ug/ml

Instrument :
FID_D
ClientSampleId :



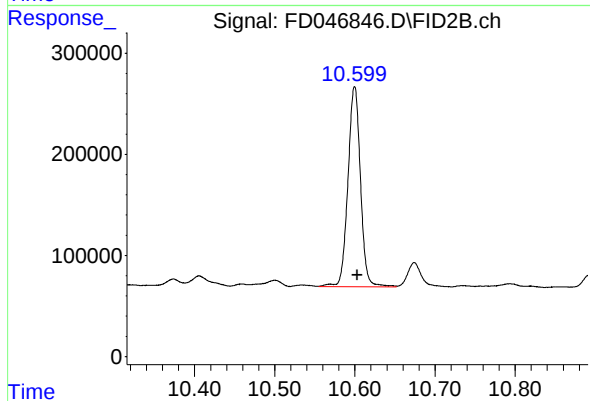
#7 Acenaphthene (C15.5)

R.T.: 8.434 min
Delta R.T.: -0.003 min
Response: 90409
Conc: 0.46 ug/ml



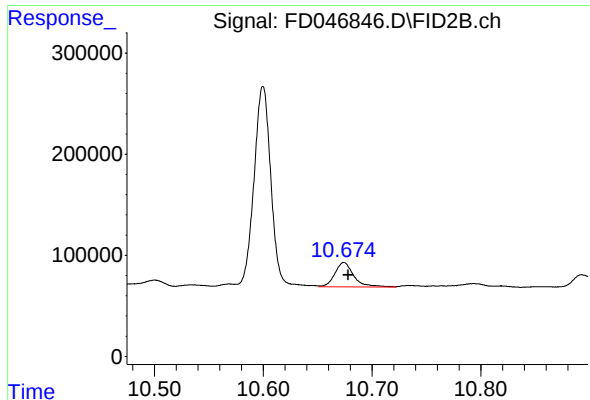
#8 Flouorene (C16.55)

R.T.: 9.214 min
Delta R.T.: 0.000 min
Response: 202413
Conc: 1.09 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.600 min
Delta R.T.: -0.004 min
Response: 2152990
Conc: 12.10 ug/ml



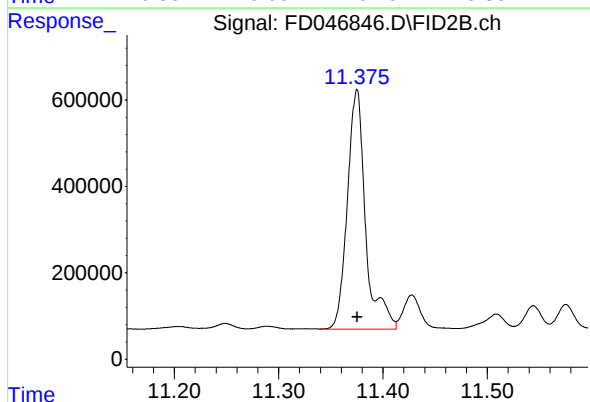
#10 Anthracene (C19.43)

R.T.: 10.674 min
Delta R.T.: -0.004 min
Response: 288197
Conc: 1.69 ug/ml

Instrument :

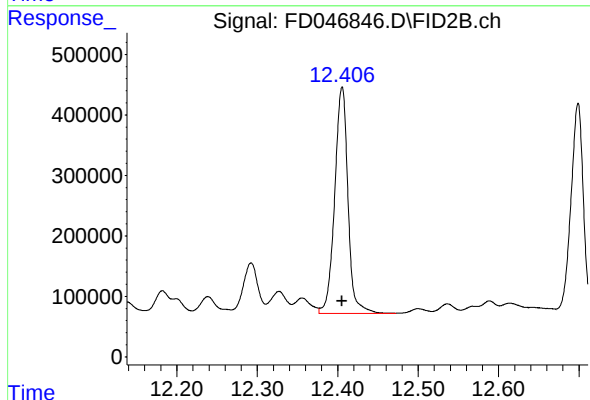
FID_D

ClientSampleId :



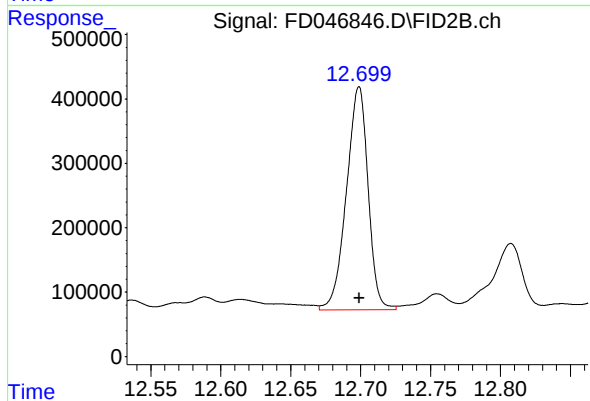
#11 ortho-Terphenyl (SURR)

R.T.: 11.375 min
Delta R.T.: 0.000 min
Response: 6755371
Conc: 31.90 ug/ml



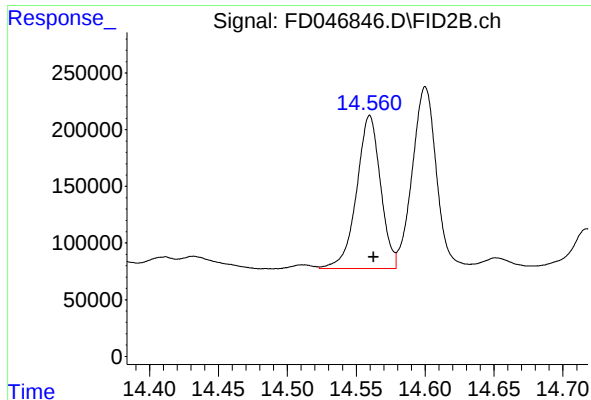
#12 Fluoranthene (C21.85)

R.T.: 12.405 min
Delta R.T.: 0.000 min
Response: 4293872
Conc: 24.86 ug/ml



#13 Pyrene (C20.8)

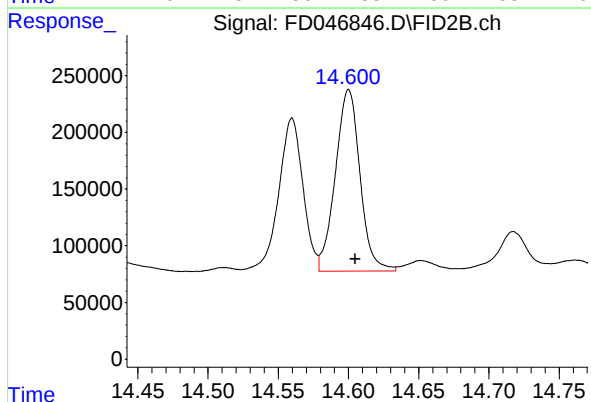
R.T.: 12.699 min
Delta R.T.: 0.000 min
Response: 3735213
Conc: 22.46 ug/ml



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

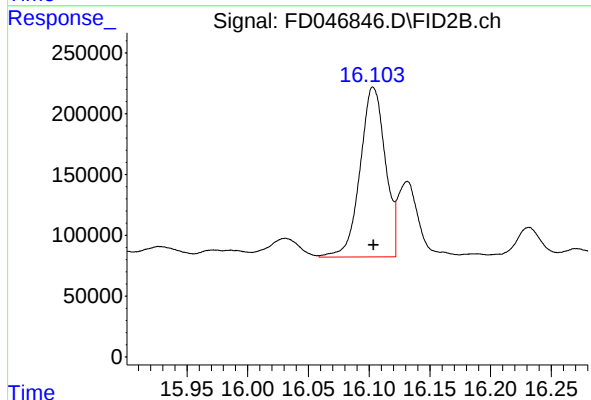
R.T.: 14.560 min
Delta R.T.: -0.003 min
Response: 1630531
Conc: 11.59 ug/ml

Instrument :
FID_D
ClientSampleId :



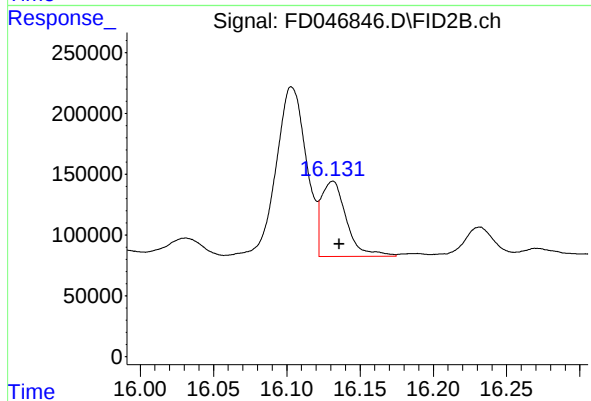
#15 Chrysene (C27.41)

R.T.: 14.600 min
Delta R.T.: -0.005 min
Response: 1956795
Conc: 12.55 ug/ml



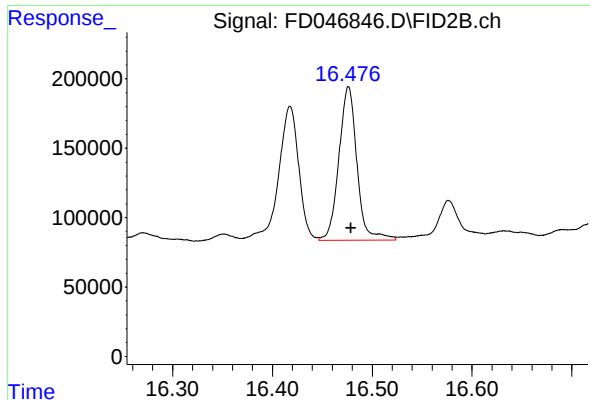
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.104 min
Delta R.T.: 0.000 min
Response: 2019443
Conc: 14.11 ug/ml



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

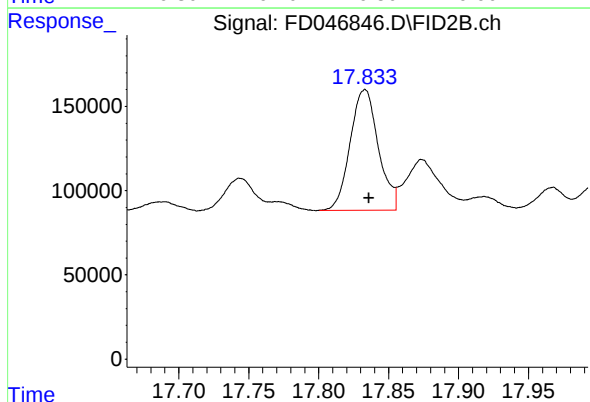
R.T.: 16.131 min
Delta R.T.: -0.005 min
Response: 732111
Conc: 5.00 ug/ml



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

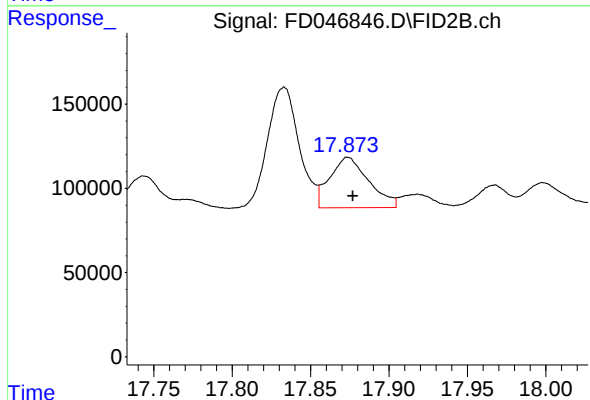
R.T.: 16.476 min
Delta R.T.: -0.003 min
Response: 1394893
Conc: 9.95 ug/ml

Instrument :
FID_D
ClientSampleId :



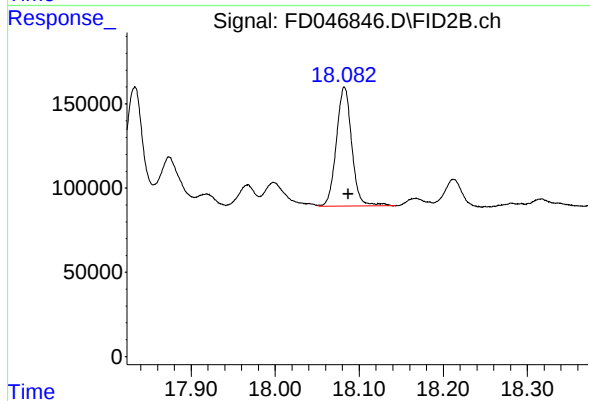
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.833 min
Delta R.T.: -0.003 min
Response: 1003257
Conc: 7.94 ug/ml



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

R.T.: 17.874 min
Delta R.T.: -0.003 min
Response: 516703
Conc: 3.70 ug/ml



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

R.T.: 18.082 min
Delta R.T.: -0.005 min
Response: 900928
Conc: 6.45 ug/ml