

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110723AR\
 Data File : FD046851.D
 Signal(s) : FID2B.ch
 Acq On : 08 Nov 2023 01:01
 Operator : YP/AJ
 Sample : 05251-07
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 08 04:02:37 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

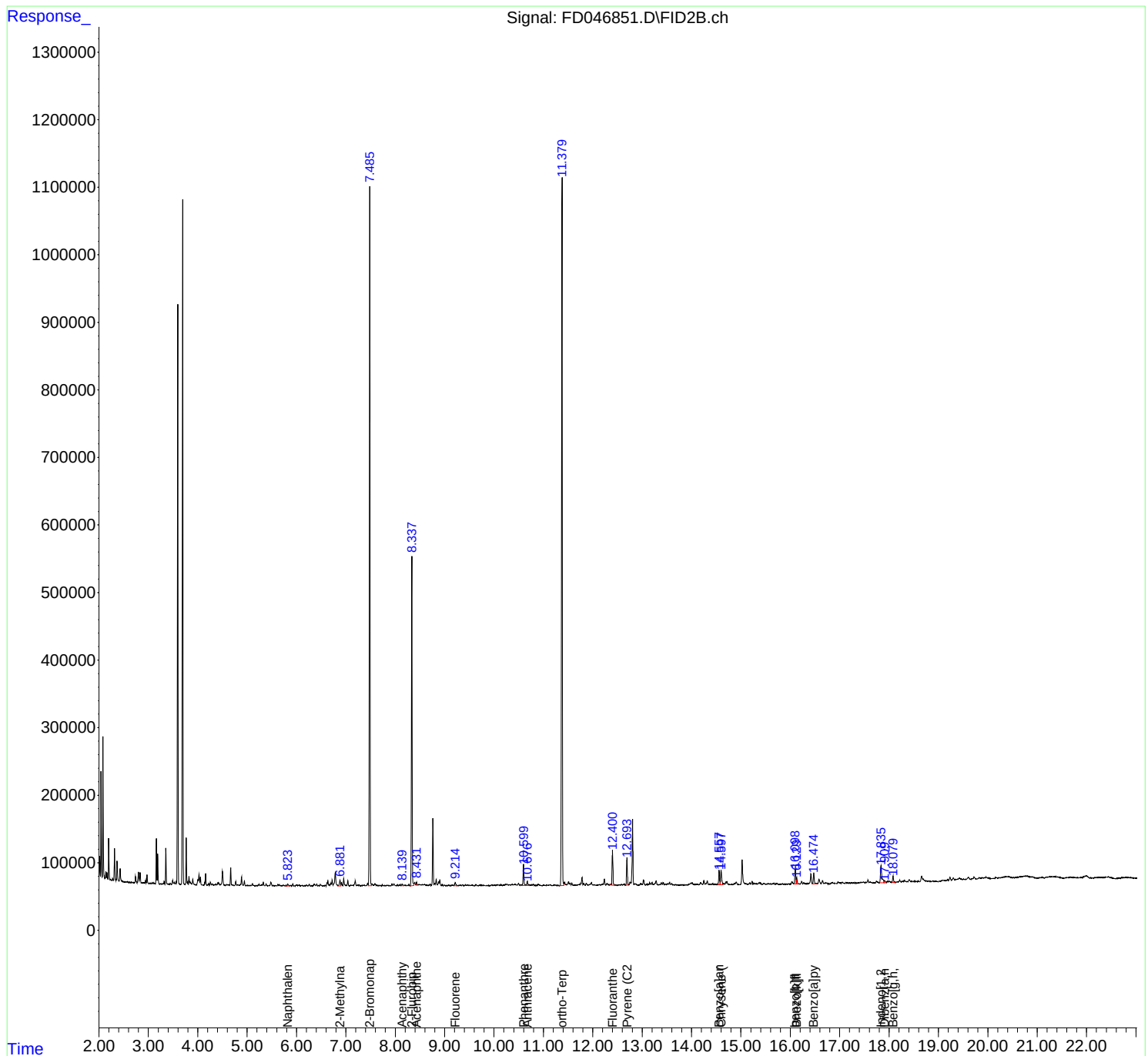
System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.485	10027355	54.982 ug/ml
Spiked Amount 50.000		Recovery =	109.96%
6) S 2-Fluorobiphenyl (SURR)	8.337	4797301	40.765 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	81.53%
11) S ortho-Terphenyl (SURR)	11.379	11578298	54.678 ug/ml
Spiked Amount 50.000		Recovery =	109.36%
Target Compounds			
2) T Naphthalene (C11.7)	5.824	54025	0.270 ug/ml
3) T 2-Methylnaphthalene (...)	6.882	124354	0.619 ug/ml
5) T Acenaphthylene (C15.06)	8.140	42430	0.231 ug/ml
7) T Acenaphthene (C15.5)	8.432	45244	0.231 ug/ml
8) T Fluorene (C16.55)	9.215	70092	0.379 ug/ml
9) T Phenanthrene (C19.36)	10.599	378415	2.127 ug/ml
10) T Anthracene (C19.43)	10.675	92880	0.545 ug/ml
12) T Fluoranthene (C21.85)	12.401	618771	3.583 ug/ml
13) T Pyrene (C20.8)	12.694	458270	2.756 ug/ml
14) T Benzo[a]anthracene (C...	14.558	264438	1.880 ug/ml
15) T Chrysene (C27.41)	14.597	330969	2.122 ug/ml
16) T benzo[b]fluoranthene ...	16.100	307877	2.151 ug/ml
17) T Bnezo[k]fluoranthene ...	16.129	115992	0.792 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.474	218239	1.557 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.835	515294	4.079 ug/ml
20) T Dibenz[a,h]anthracene...	17.908	52214	0.374 ug/ml
21) T Benzo[g,h,i]perylene ...	18.080	134193	0.961 ug/ml

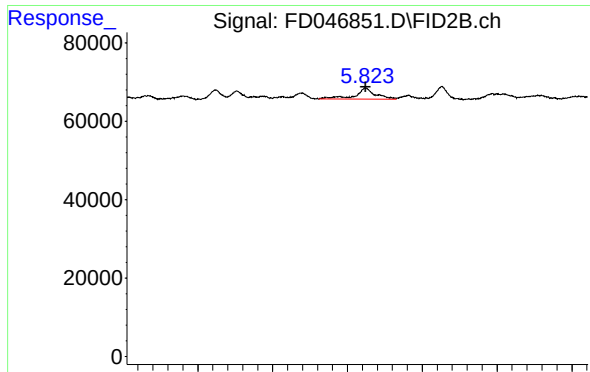
(f)=RT Delta > 1/2 Window

(m)=manual int.

Instrument :
FID_D
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Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

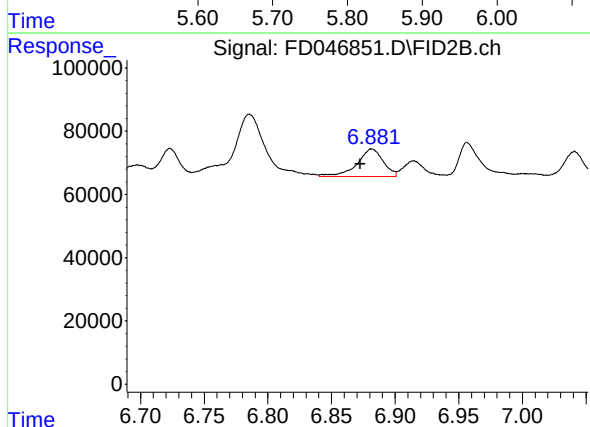




#2 Naphthalene (C11.7)

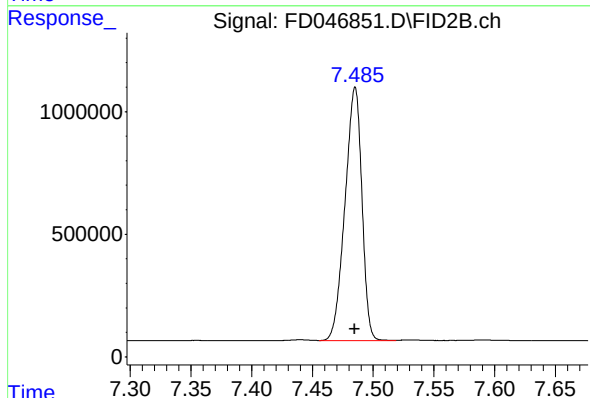
R.T.: 5.824 min
Delta R.T.: 0.000 min
Response: 54025
Conc: 0.27 ug/ml

Instrument :
FID_D
ClientSampleId :



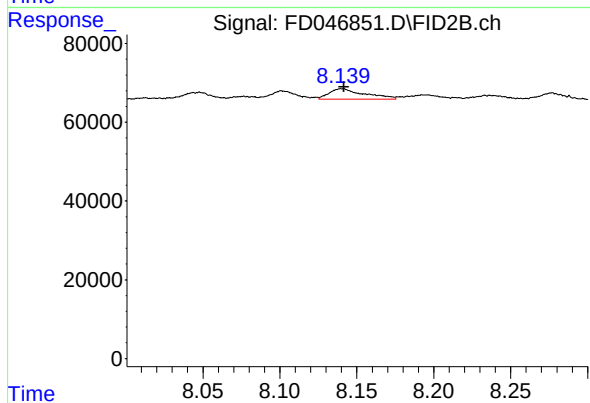
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.882 min
Delta R.T.: 0.009 min
Response: 124354
Conc: 0.62 ug/ml



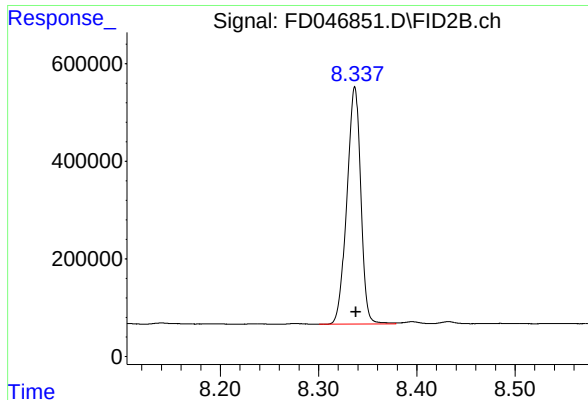
#4 2-Bromonaphthalene (SURR)

R.T.: 7.485 min
Delta R.T.: 0.000 min
Response: 10027355
Conc: 54.98 ug/ml



#5 Acenaphthylene (C15.06)

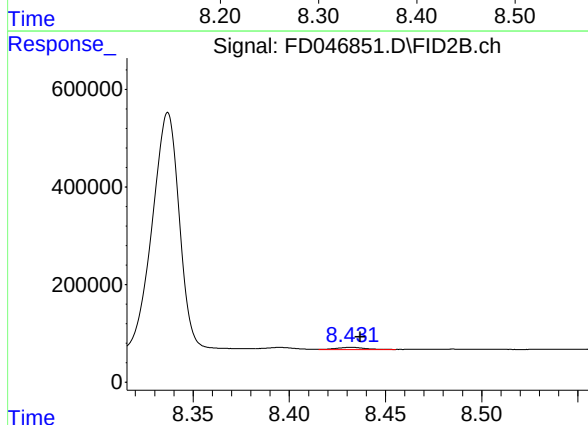
R.T.: 8.140 min
Delta R.T.: -0.001 min
Response: 42430
Conc: 0.23 ug/ml



#6 2-Fluorobiphenyl (SURR)

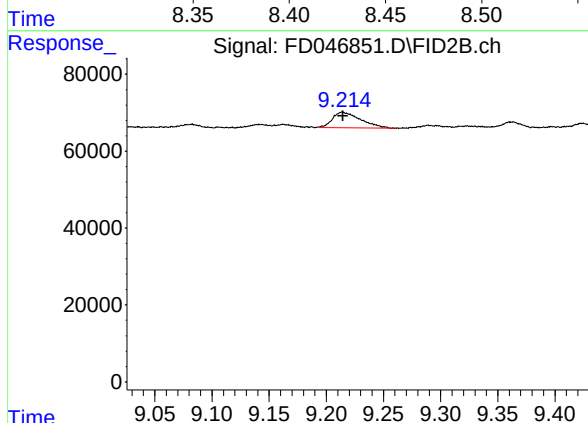
R.T.: 8.337 min
Delta R.T.: -0.001 min
Response: 4797301
Conc: 40.76 ug/ml

Instrument :
FID_D
ClientSampleId :



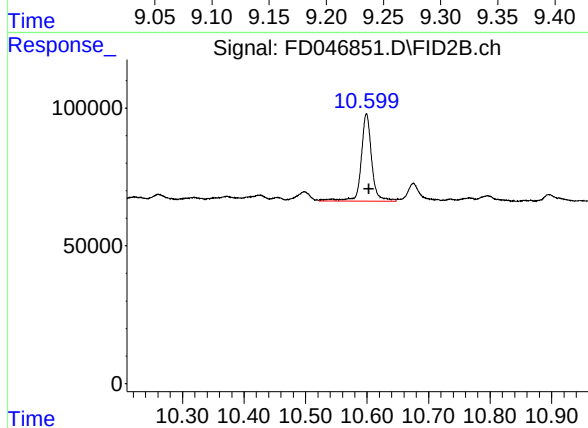
#7 Acenaphthene (C15.5)

R.T.: 8.432 min
Delta R.T.: -0.005 min
Response: 45244
Conc: 0.23 ug/ml



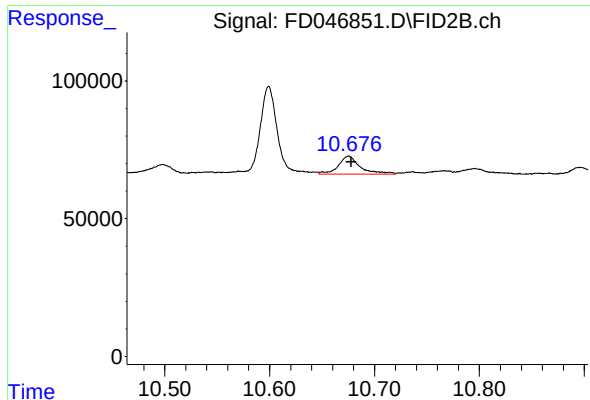
#8 Flouorene (C16.55)

R.T.: 9.215 min
Delta R.T.: 0.000 min
Response: 70092
Conc: 0.38 ug/ml



#9 Phenanthrene (C19.36)

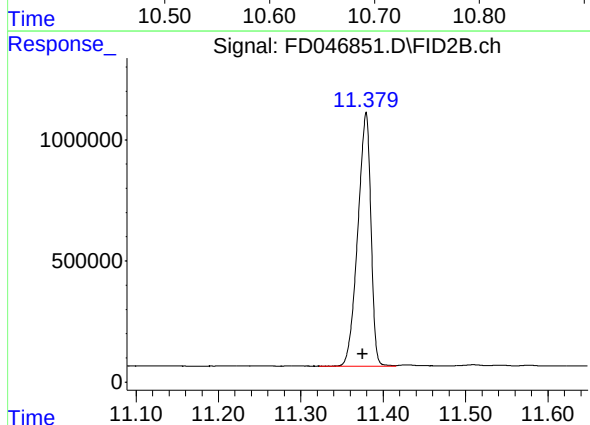
R.T.: 10.599 min
Delta R.T.: -0.004 min
Response: 378415
Conc: 2.13 ug/ml



#10 Anthracene (C19.43)

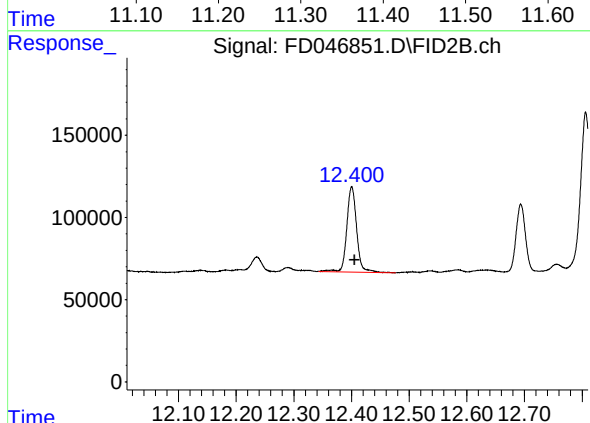
R.T.: 10.675 min
Delta R.T.: -0.003 min
Response: 92880
Conc: 0.55 ug/ml

Instrument :
FID_D
ClientSampleId :



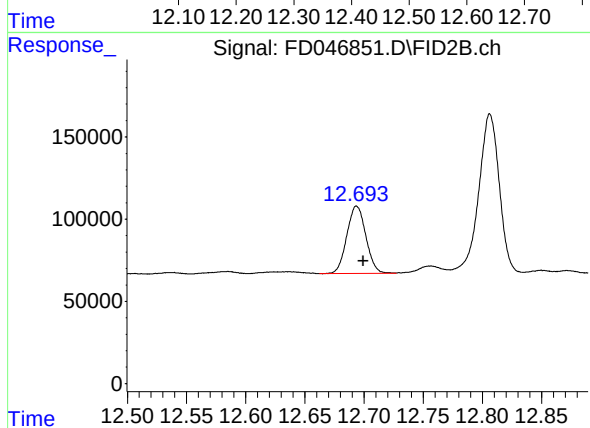
#11 ortho-Terphenyl (SURR)

R.T.: 11.379 min
Delta R.T.: 0.004 min
Response: 11578298
Conc: 54.68 ug/ml



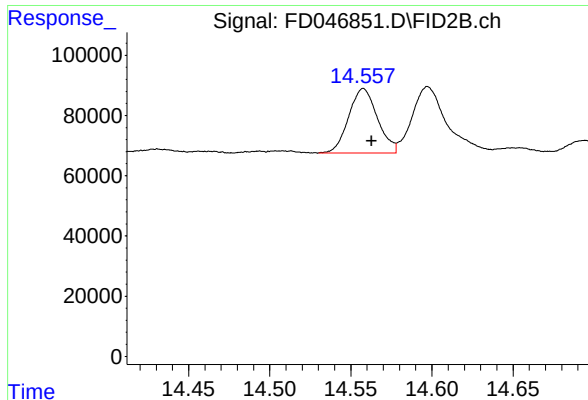
#12 Fluoranthene (C21.85)

R.T.: 12.401 min
Delta R.T.: -0.005 min
Response: 618771
Conc: 3.58 ug/ml



#13 Pyrene (C20.8)

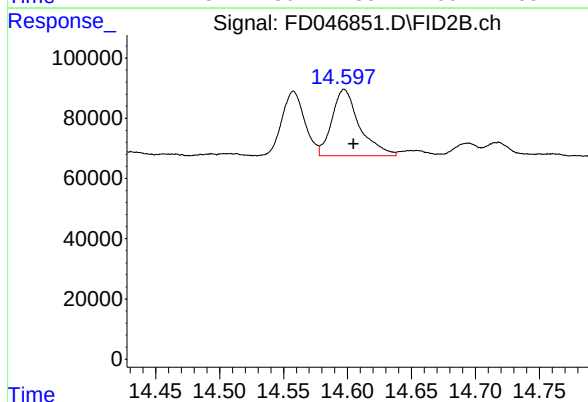
R.T.: 12.694 min
Delta R.T.: -0.005 min
Response: 458270
Conc: 2.76 ug/ml



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

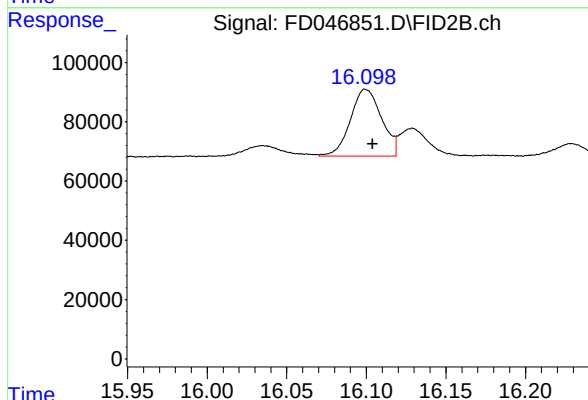
R.T.: 14.558 min
Delta R.T.: -0.005 min
Response: 264438
Conc: 1.88 ug/ml

Instrument :
FID_D
ClientSampleId :



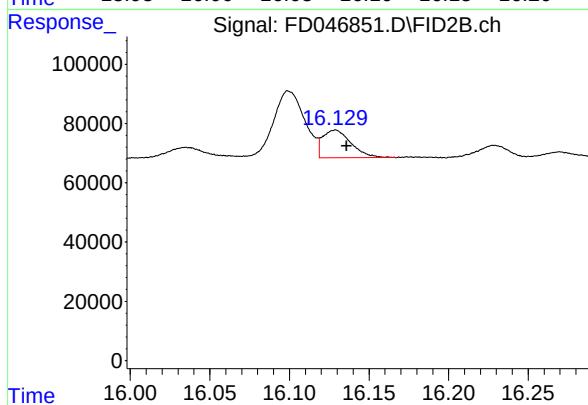
#15 Chrysene (C27.41)

R.T.: 14.597 min
Delta R.T.: -0.007 min
Response: 330969
Conc: 2.12 ug/ml



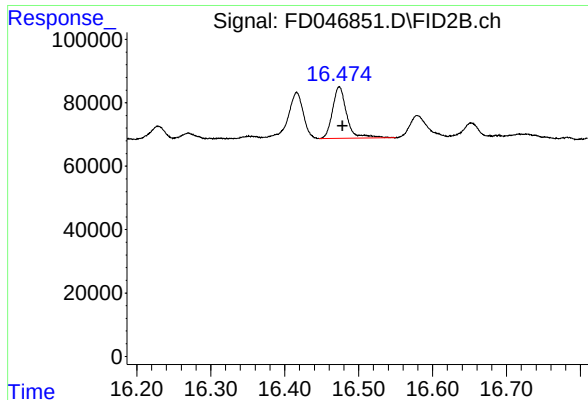
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.100 min
Delta R.T.: -0.004 min
Response: 307877
Conc: 2.15 ug/ml



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

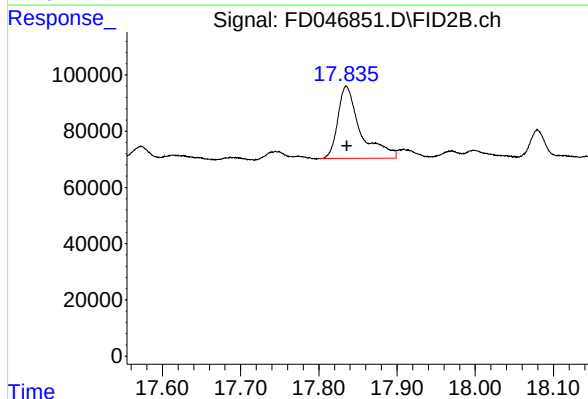
R.T.: 16.129 min
Delta R.T.: -0.007 min
Response: 115992
Conc: 0.79 ug/ml



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

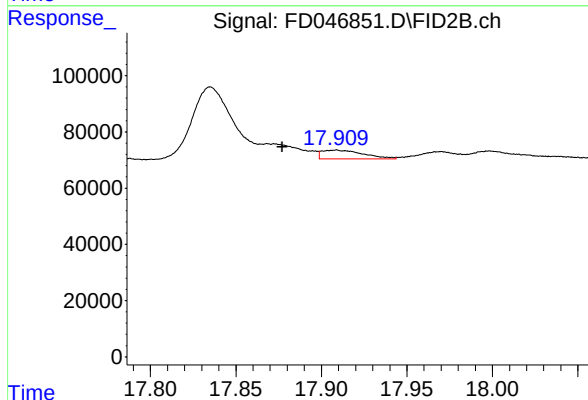
R.T.: 16.474 min
Delta R.T.: -0.005 min
Response: 218239
Conc: 1.56 ug/ml

Instrument :
FID_D
ClientSampleId :



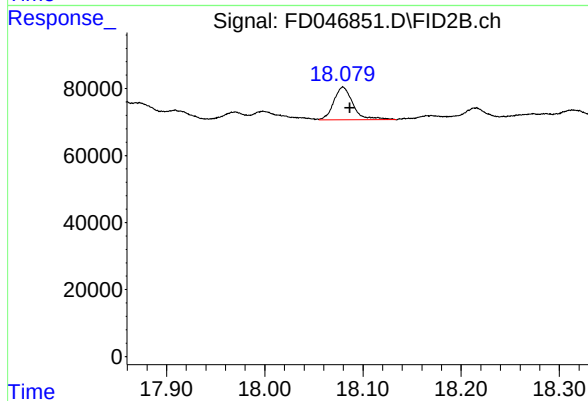
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.835 min
Delta R.T.: 0.000 min
Response: 515294
Conc: 4.08 ug/ml



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

R.T.: 17.908 min
Delta R.T.: 0.031 min
Response: 52214
Conc: 0.37 ug/ml



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

R.T.: 18.080 min
Delta R.T.: -0.007 min
Response: 134193
Conc: 0.96 ug/ml