

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061623AR\
 Data File : FD045849.D
 Signal(s) : FID2B.ch
 Acq On : 16 Jun 2023 19:09
 Operator : YP/AJ
 Sample : 03222-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 17 00:39:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:44:25 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...	7.527	9637086	53.454 ug/ml
Spiked Amount 50.000		Recovery =	106.91%
6) S 2-Fluorobiphenyl (SURR)	8.381	6094499	50.691 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	101.38%
11) S ortho-Terphenyl (SURR)	11.420	7269268	32.544 ug/ml
Spiked Amount 50.000		Recovery =	65.09%
Target Compounds			
2) T Naphthalene (C11.7)	5.863	120770	0.570 ug/ml
3) T 2-Methylnaphthalene (...)	6.911	135050	0.639 ug/ml
5) T Acenaphthylene (C15.06)	8.181	77781	0.411 ug/ml
7) T Acenaphthene (C15.5)	8.476	262846	1.300 ug/ml
8) T Fluorene (C16.55)	9.253	235022	1.186 ug/ml
9) T Phenanthrene (C19.36)	10.644	1856811	9.706 ug/ml
10) T Anthracene (C19.43)	10.716	447616	2.628 ug/ml
12) T Fluoranthene (C21.85)	12.449	2846918	15.410 ug/ml
13) T Pyrene (C20.8)	12.742	2259086	12.649 ug/ml
14) T Benzo[a]anthracene (C...	14.604	1265233	8.081 ug/ml
15) T Chrysene (C27.41)	14.645	1314478	7.967 ug/ml
16) T benzo[b]fluoranthene ...	16.175	552725	3.652 ug/ml
17) T Bnezo[k]fluoranthene ...	16.175	552725	3.570 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.520	1093705	7.479 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.876	854994	5.837 ug/ml
20) T Dibenz[a,h]anthracene...	17.958	140088	0.934 ug/ml
21) T Benzo[g,h,i]perylene ...	18.126	634824	4.302 ug/ml

(f)=RT Delta > 1/2 Window

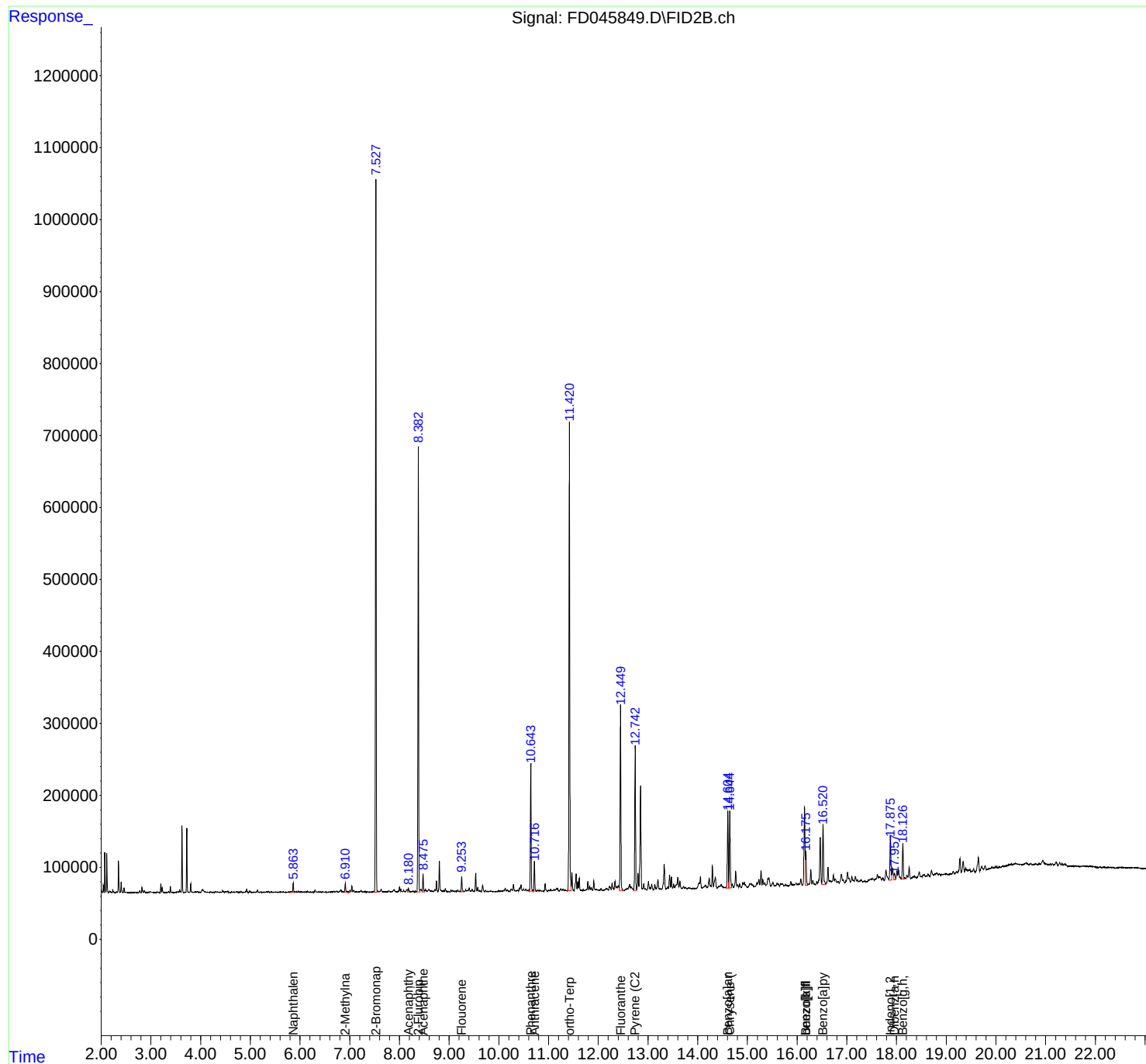
(m)=manual int.

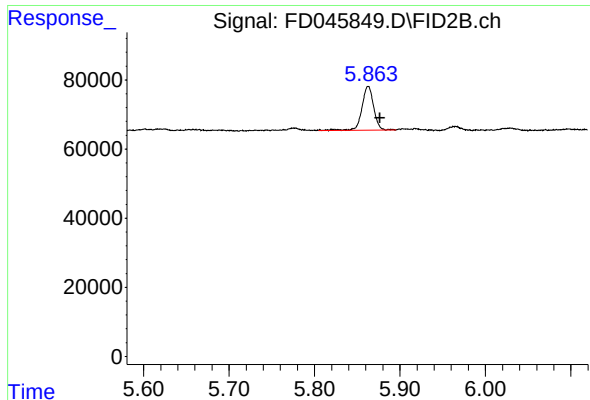
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061623AR\
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Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

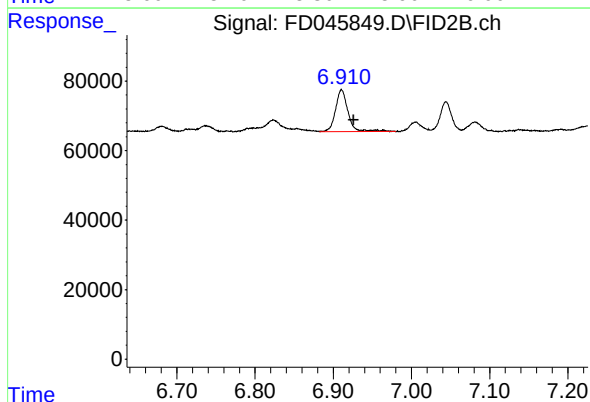




#2 Naphthalene (C11.7)

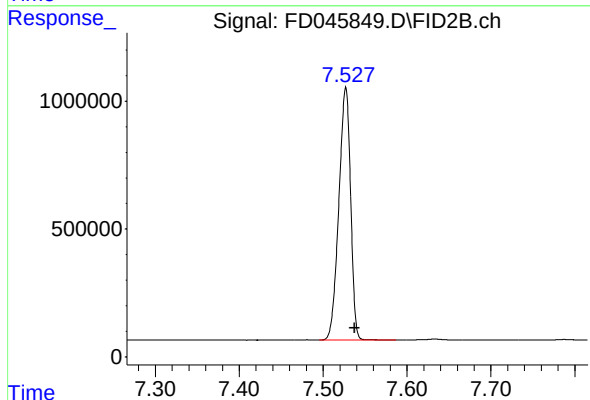
R.T.: 5.863 min
Delta R.T.: -0.014 min
Response: 120770
Conc: 0.57 ug/ml

Instrument :
FID_D
ClientSampleId :



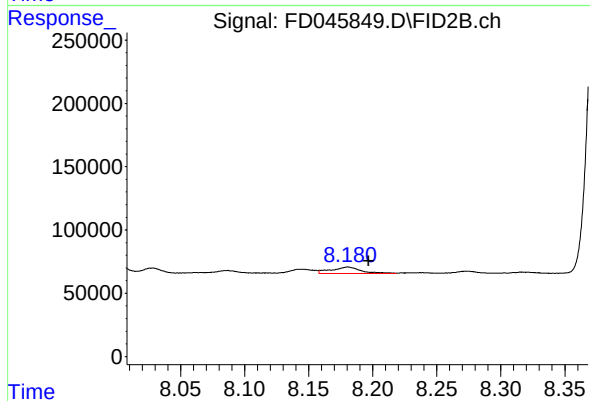
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.911 min
Delta R.T.: -0.015 min
Response: 135050
Conc: 0.64 ug/ml



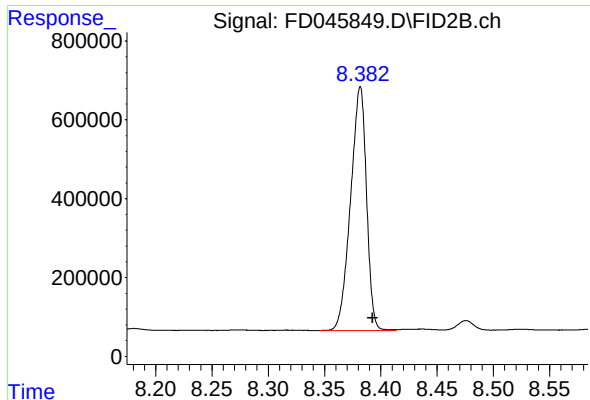
#4 2-Bromonaphthalene (SURR)

R.T.: 7.527 min
Delta R.T.: -0.011 min
Response: 9637086
Conc: 53.45 ug/ml



#5 Acenaphthylene (C15.06)

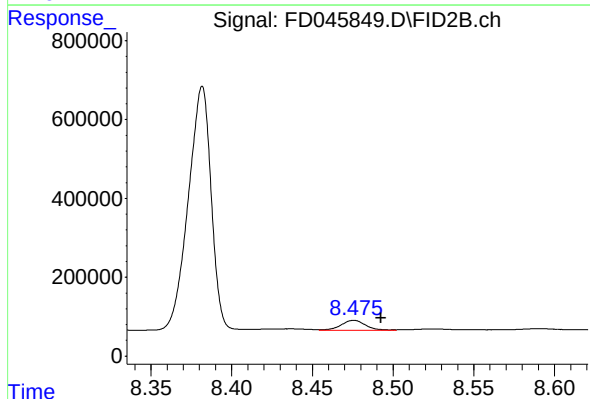
R.T.: 8.181 min
Delta R.T.: -0.016 min
Response: 77781
Conc: 0.41 ug/ml



#6 2-Fluorobiphenyl (SURR)

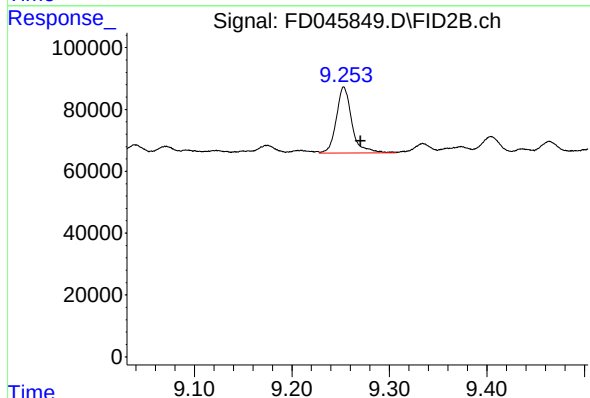
R.T.: 8.381 min
Delta R.T.: -0.011 min
Response: 6094499
Conc: 50.69 ug/ml

Instrument :
FID_D
ClientSampleId :



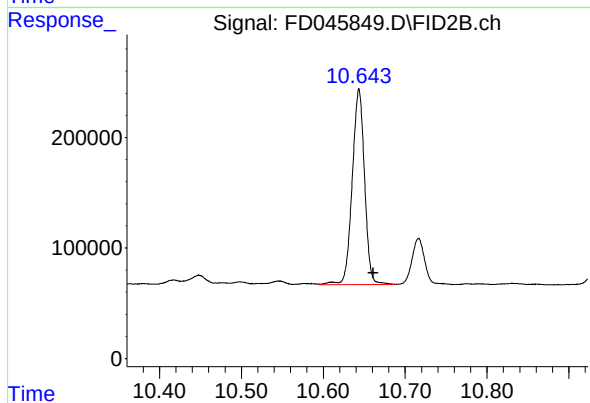
#7 Acenaphthene (C15.5)

R.T.: 8.476 min
Delta R.T.: -0.017 min
Response: 262846
Conc: 1.30 ug/ml



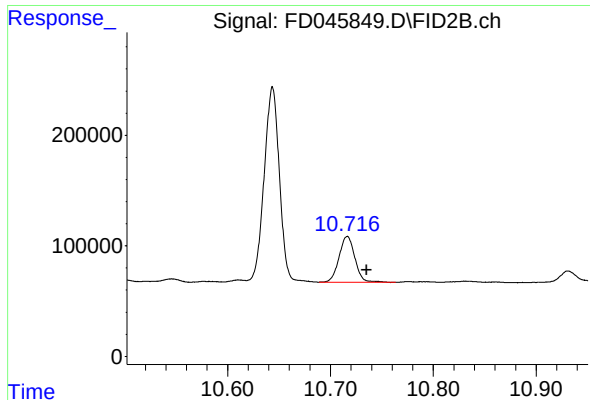
#8 Flouorene (C16.55)

R.T.: 9.253 min
Delta R.T.: -0.017 min
Response: 235022
Conc: 1.19 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.644 min
Delta R.T.: -0.018 min
Response: 1856811
Conc: 9.71 ug/ml



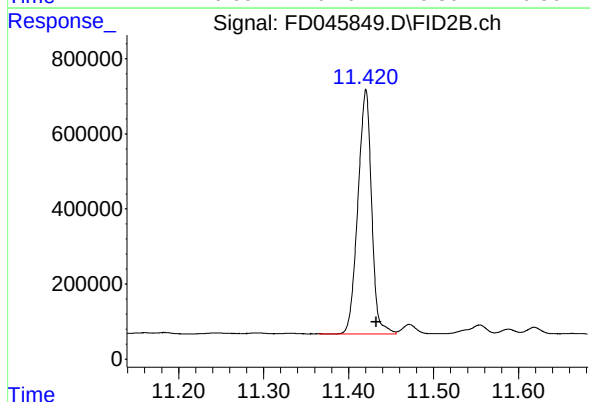
#10 Anthracene (C19.43)

R.T.: 10.716 min
Delta R.T.: -0.019 min
Response: 447616
Conc: 2.63 ug/ml

Instrument :

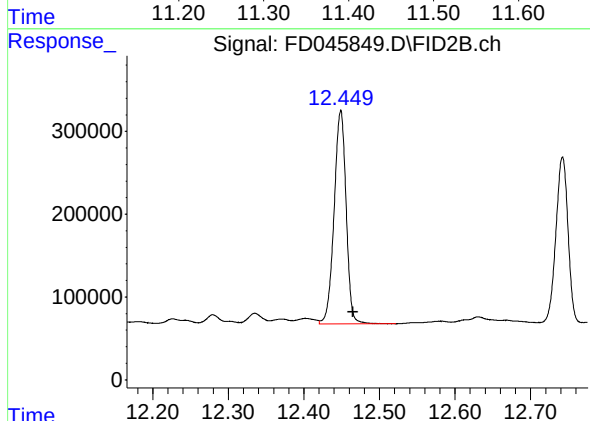
FID_D

ClientSampleId :



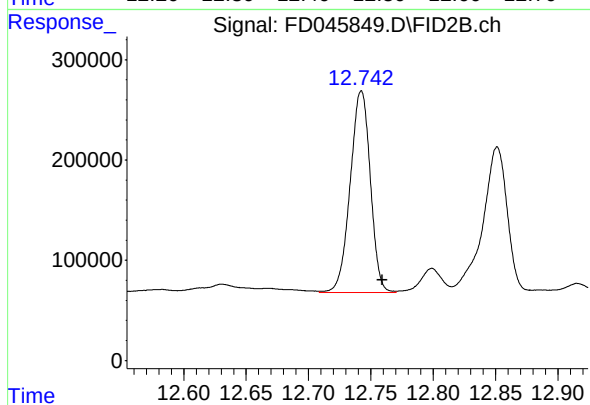
#11 ortho-Terphenyl (SURR)

R.T.: 11.420 min
Delta R.T.: -0.013 min
Response: 7269268
Conc: 32.54 ug/ml



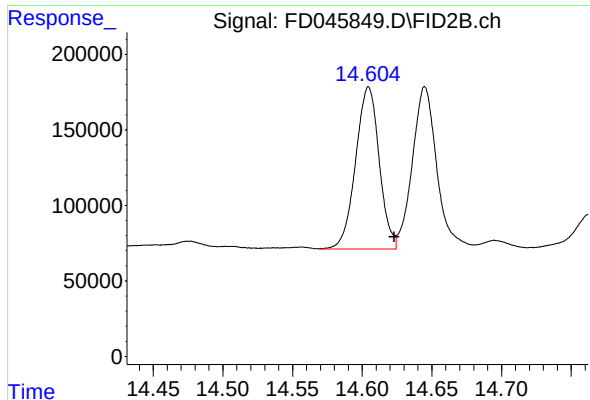
#12 Fluoranthene (C21.85)

R.T.: 12.449 min
Delta R.T.: -0.016 min
Response: 2846918
Conc: 15.41 ug/ml



#13 Pyrene (C20.8)

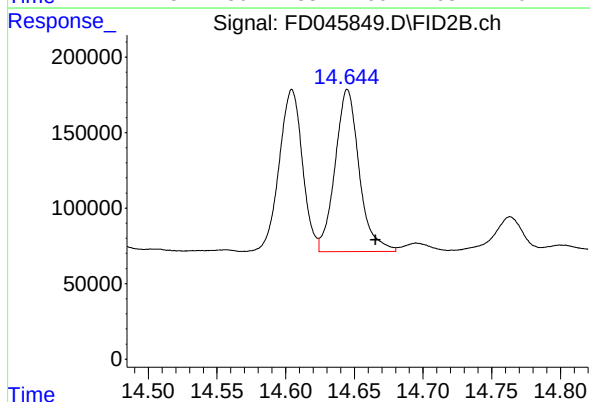
R.T.: 12.742 min
Delta R.T.: -0.017 min
Response: 2259086
Conc: 12.65 ug/ml



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

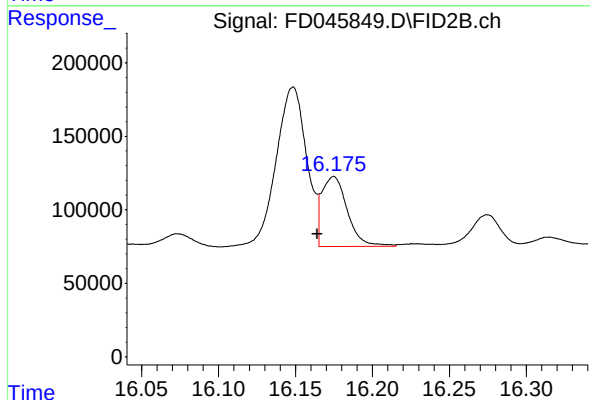
R.T.: 14.604 min
Delta R.T.: -0.019 min
Response: 1265233
Conc: 8.08 ug/ml

Instrument :
FID_D
ClientSampleId :



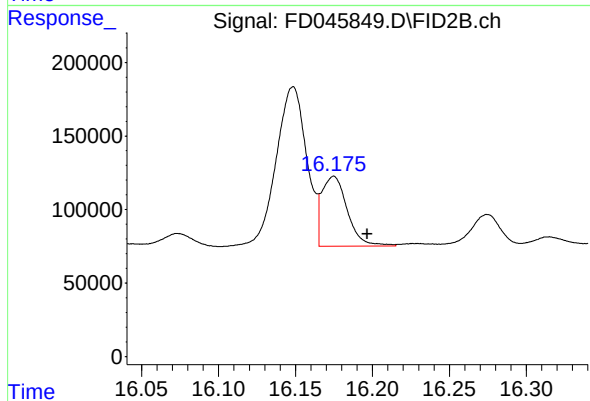
#15 Chrysene (C27.41)

R.T.: 14.645 min
Delta R.T.: -0.021 min
Response: 1314478
Conc: 7.97 ug/ml



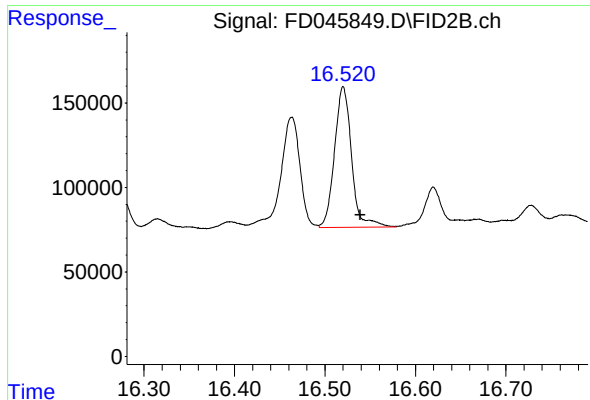
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.175 min
Delta R.T.: 0.010 min
Response: 552725
Conc: 3.65 ug/ml



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

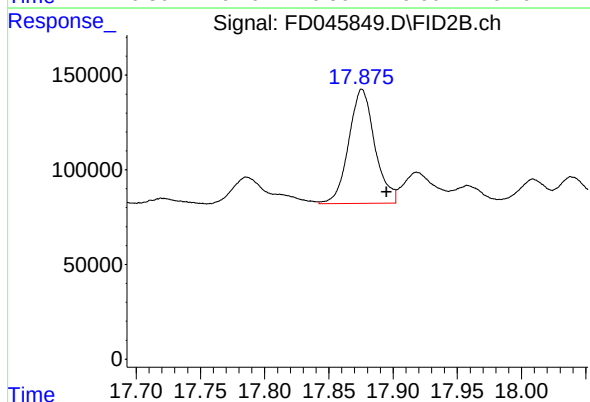
R.T.: 16.175 min
Delta R.T.: -0.022 min
Response: 552725
Conc: 3.57 ug/ml



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

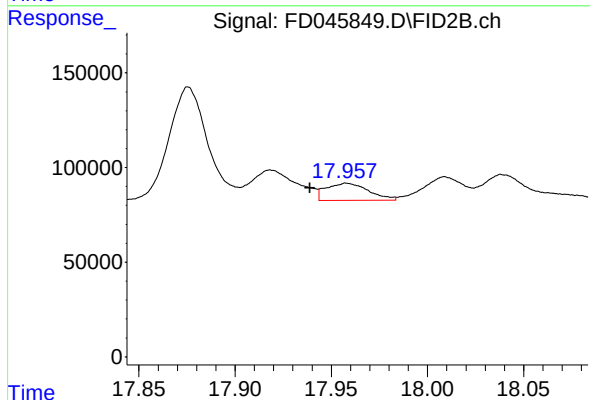
R.T.: 16.520 min
Delta R.T.: -0.019 min
Response: 1093705
Conc: 7.48 ug/ml

Instrument :
FID_D
ClientSampleId :



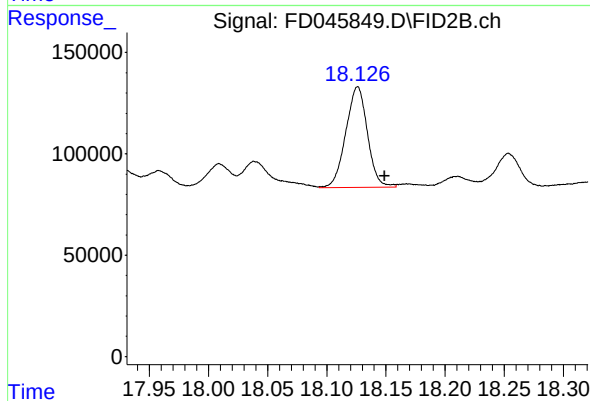
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.876 min
Delta R.T.: -0.019 min
Response: 854994
Conc: 5.84 ug/ml



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

R.T.: 17.958 min
Delta R.T.: 0.019 min
Response: 140088
Conc: 0.93 ug/ml



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

R.T.: 18.126 min
Delta R.T.: -0.023 min
Response: 634824
Conc: 4.30 ug/ml