

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061623AR\
 Data File : FD045863.D
 Signal(s) : FID2B.ch
 Acq On : 17 Jun 2023 06:04
 Operator : YP/AJ
 Sample : 03255-03D
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 17 06:38:04 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...	7.526	7172111	39.782 ug/ml
Spiked Amount 50.000		Recovery =	79.56%
6) S 2-Fluorobiphenyl (SURR)	8.382	4650621	38.682 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	77.36%
11) S ortho-Terphenyl (SURR)	11.424	7550272	33.802 ug/ml
Spiked Amount 50.000		Recovery =	67.60%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.334	16259	0.081 ug/ml
2) T Naphthalene (C11.7)	5.864	115835	0.547 ug/ml
3) T 2-Methylnaphthalene (...)	6.913	148473	0.703 ug/ml
5) T Acenaphthylene (C15.06)	8.183	162819	0.859 ug/ml
7) T Acenaphthene (C15.5)	8.477	71142	0.352 ug/ml
8) T Fluorene (C16.55)	9.256	87132	0.440 ug/ml
9) T Phenanthrene (C19.36)	10.646	615881	3.219 ug/ml
10) T Anthracene (C19.43)	10.720	194450	1.141 ug/ml
12) T Fluoranthene (C21.85)	12.451	1279903	6.928 ug/ml
13) T Pyrene (C20.8)	12.745	1113922	6.237 ug/ml
14) T Benzo[a]anthracene (C...	14.608	650887	4.157 ug/ml
15) T Chrysene (C27.41)	14.648	751189	4.553 ug/ml
16) T benzo[b]fluoranthene ...	16.153	916645	6.057 ug/ml
17) T Bnezo[k]fluoranthene ...	16.180	313715	2.026 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.525	665508	4.551 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.882	529503	3.615 ug/ml
20) T Dibenz[a,h]anthracene...	17.924	149677	0.998 ug/ml
21) T Benzo[g,h,i]perylene ...	18.132	395549	2.681 ug/ml

(f)=RT Delta > 1/2 Window

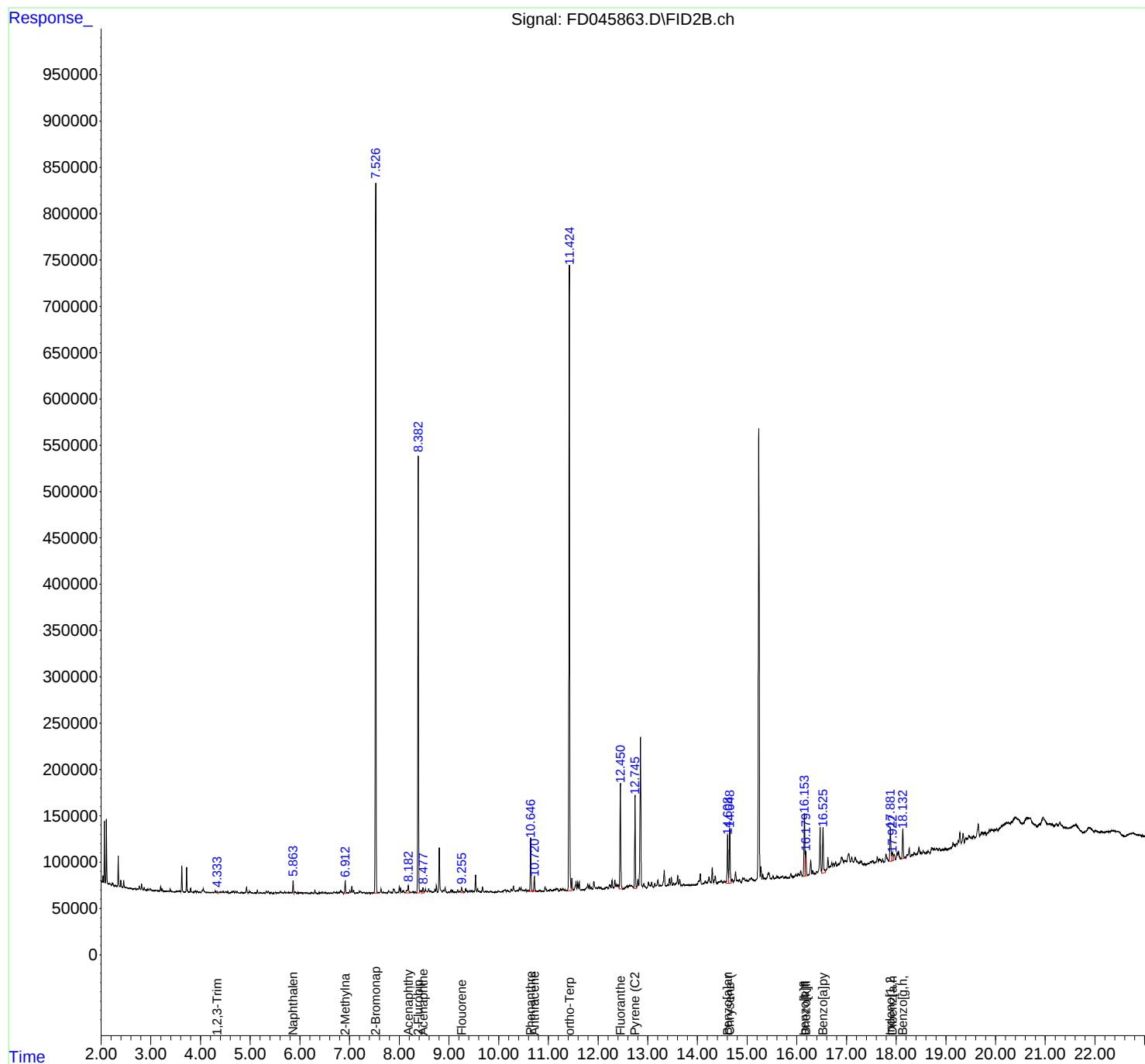
(m)=manual int.

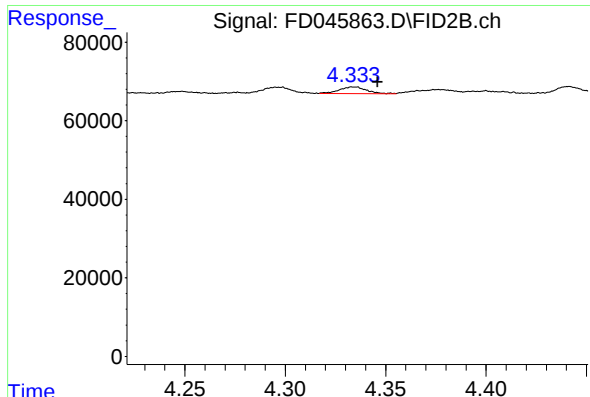
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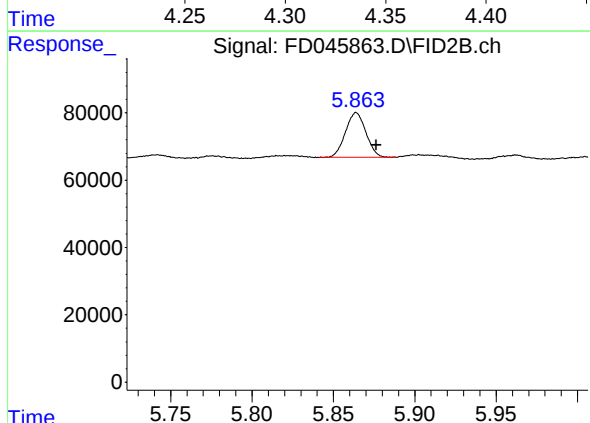




#1 1,2,3-Trimethylbenzene (C10.1)

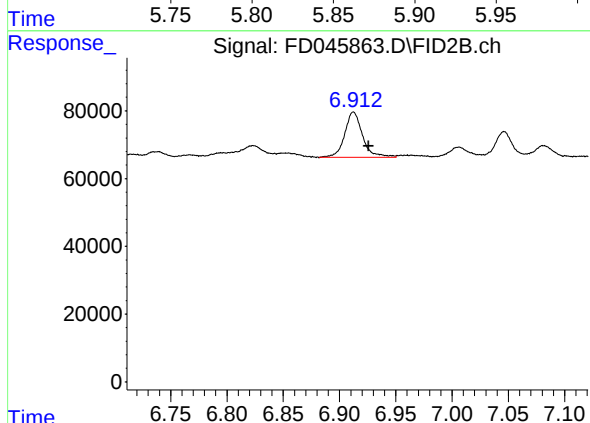
R.T.: 4.334 min
Delta R.T.: -0.012 min
Response: 16259
Conc: 0.08 ug/ml

Instrument :
FID_D
ClientSampleId :



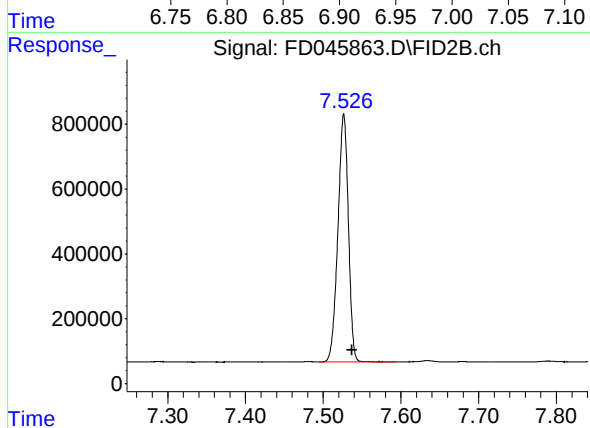
#2 Naphthalene (C11.7)

R.T.: 5.864 min
Delta R.T.: -0.012 min
Response: 115835
Conc: 0.55 ug/ml



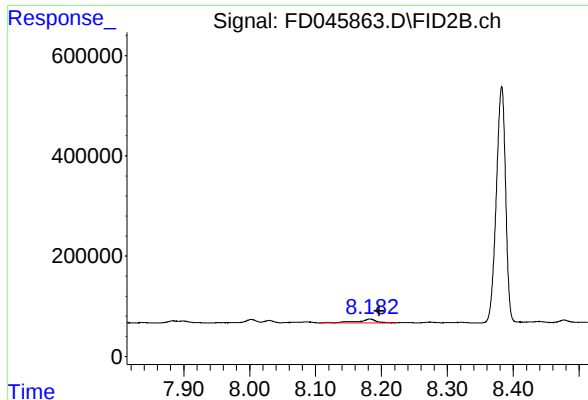
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.913 min
Delta R.T.: -0.013 min
Response: 148473
Conc: 0.70 ug/ml



#4 2-Bromonaphthalene (SURR)

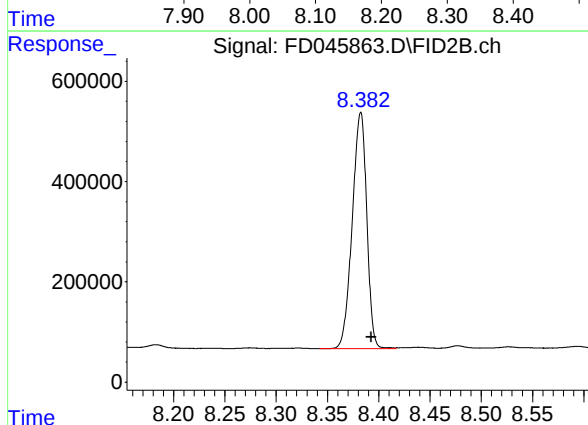
R.T.: 7.526 min
Delta R.T.: -0.011 min
Response: 7172111
Conc: 39.78 ug/ml



#5 Acenaphthylene (C15.06)

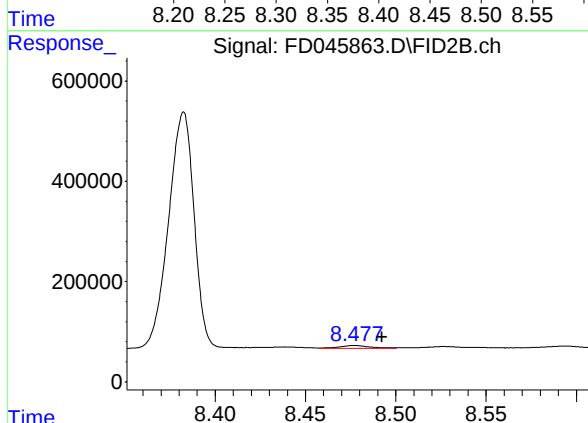
R.T.: 8.183 min
Delta R.T.: -0.014 min
Response: 162819
Conc: 0.86 ug/ml

Instrument :
FID_D
ClientSampleId :



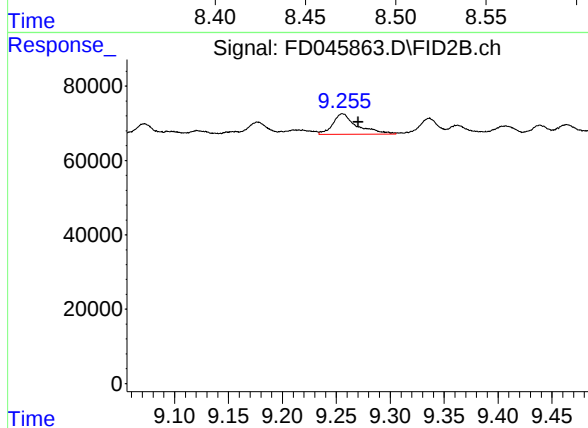
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.382 min
Delta R.T.: -0.011 min
Response: 4650621
Conc: 38.68 ug/ml



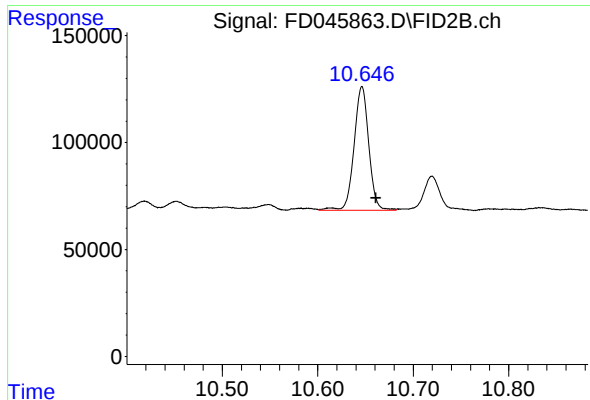
#7 Acenaphthene (C15.5)

R.T.: 8.477 min
Delta R.T.: -0.015 min
Response: 71142
Conc: 0.35 ug/ml



#8 Flouorene (C16.55)

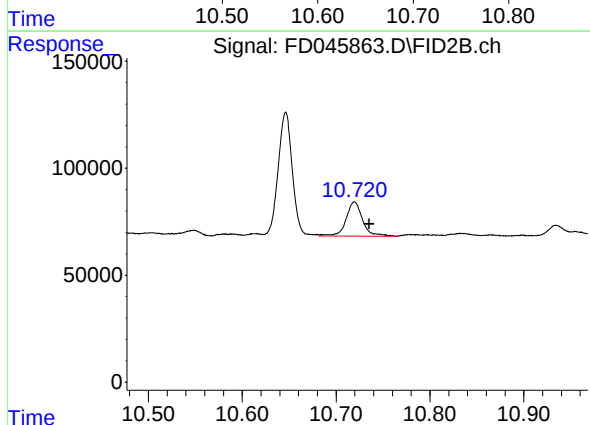
R.T.: 9.256 min
Delta R.T.: -0.015 min
Response: 87132
Conc: 0.44 ug/ml



#9 Phenanthrene (C19.36)

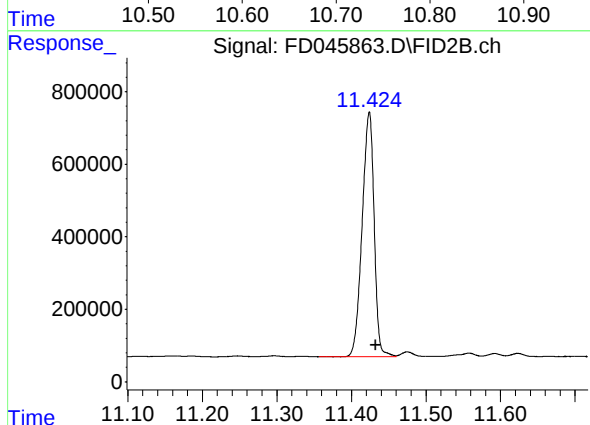
R.T.: 10.646 min
Delta R.T.: -0.015 min
Response: 615881
Conc: 3.22 ug/ml

Instrument :
FID_D
ClientSampleId :



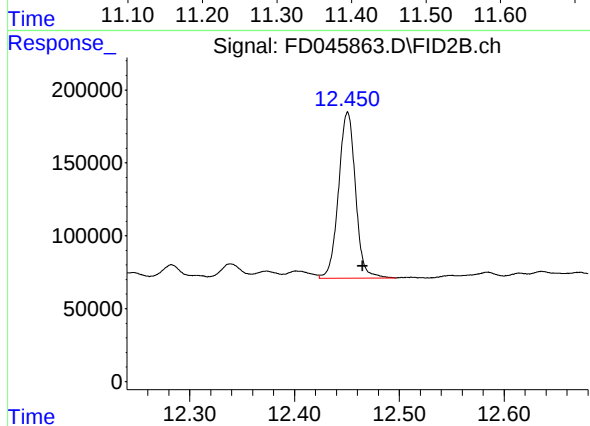
#10 Anthracene (C19.43)

R.T.: 10.720 min
Delta R.T.: -0.016 min
Response: 194450
Conc: 1.14 ug/ml



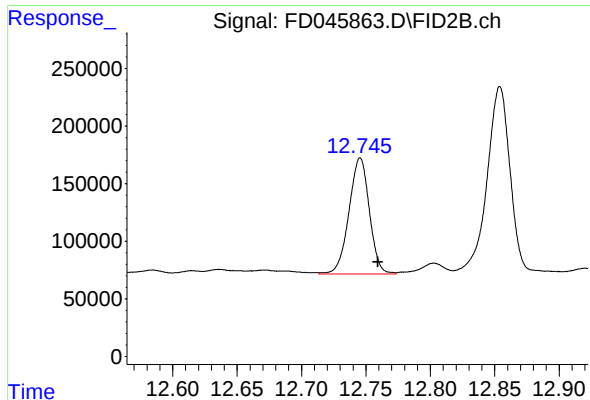
#11 ortho-Terphenyl (SURR)

R.T.: 11.424 min
Delta R.T.: -0.009 min
Response: 7550272
Conc: 33.80 ug/ml



#12 Fluoranthene (C21.85)

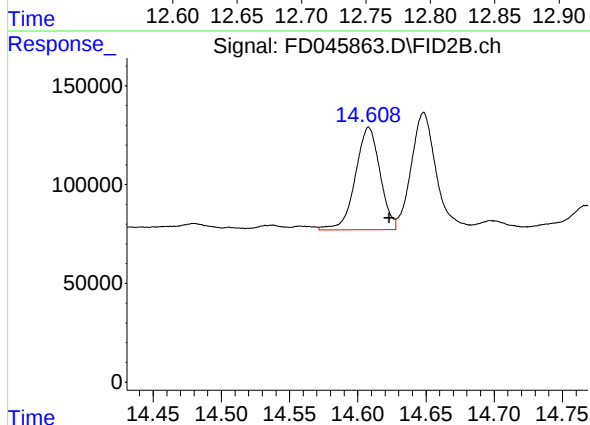
R.T.: 12.451 min
Delta R.T.: -0.014 min
Response: 1279903
Conc: 6.93 ug/ml



#13 Pyrene (C20.8)

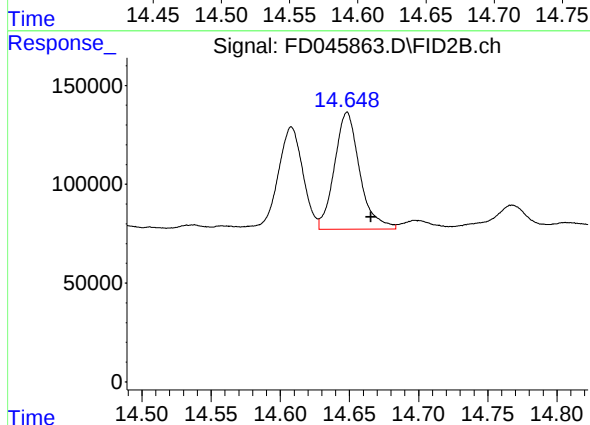
R.T.: 12.745 min
Delta R.T.: -0.014 min
Response: 1113922
Conc: 6.24 ug/ml

Instrument :
FID_D
ClientSampleId :



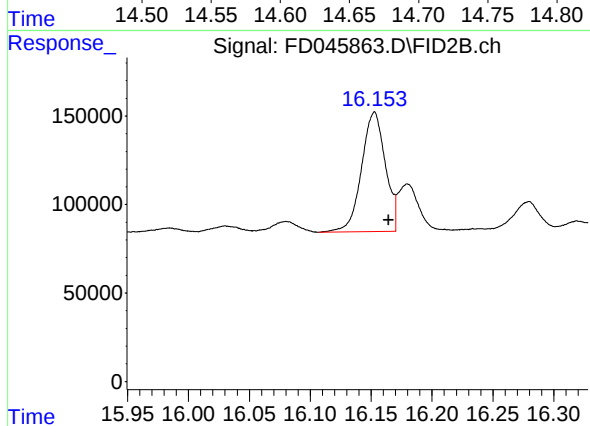
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.608 min
Delta R.T.: -0.015 min
Response: 650887
Conc: 4.16 ug/ml



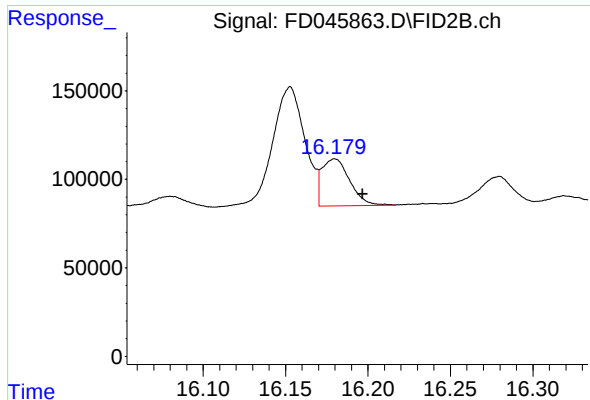
#15 Chrysene (C27.41)

R.T.: 14.648 min
Delta R.T.: -0.017 min
Response: 751189
Conc: 4.55 ug/ml



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

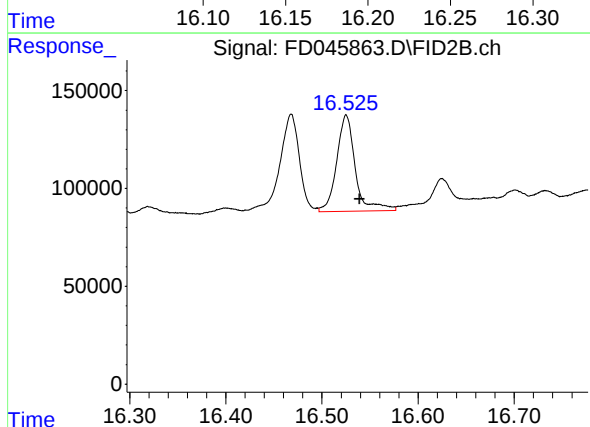
R.T.: 16.153 min
Delta R.T.: -0.012 min
Response: 916645
Conc: 6.06 ug/ml



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

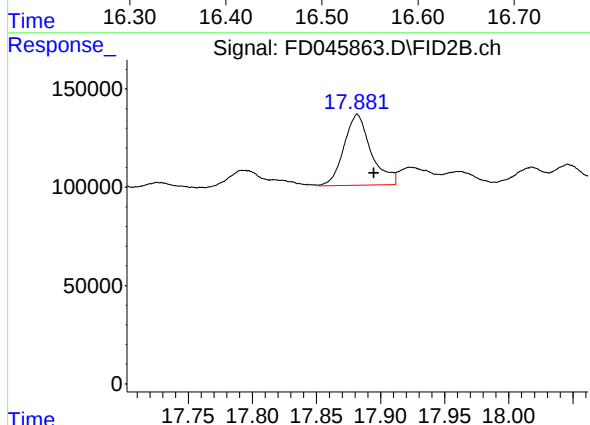
R.T.: 16.180 min
Delta R.T.: -0.017 min
Response: 313715
Conc: 2.03 ug/ml

Instrument :
FID_D
ClientSampleId :



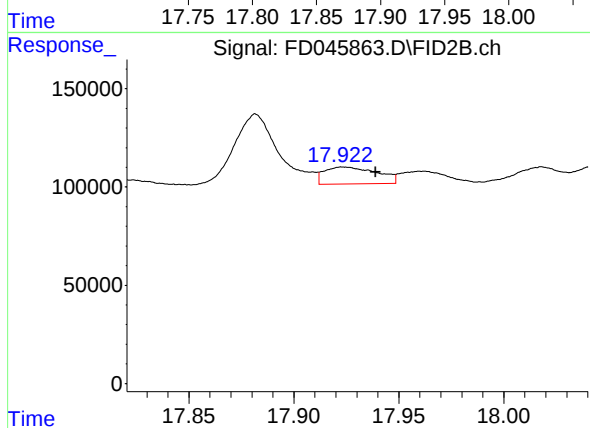
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.525 min
Delta R.T.: -0.014 min
Response: 665508
Conc: 4.55 ug/ml



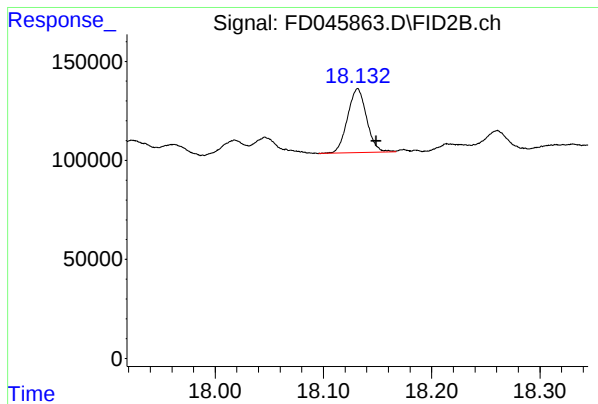
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.882 min
Delta R.T.: -0.013 min
Response: 529503
Conc: 3.62 ug/ml



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

R.T.: 17.924 min
Delta R.T.: -0.015 min
Response: 149677
Conc: 1.00 ug/ml



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

R.T.: 18.132 min
Delta R.T.: -0.017 min
Response: 395549
Conc: 2.68 ug/ml

Instrument :
FID_D
ClientSampleId :