

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061623AR\
 Data File : FD045856.D
 Signal(s) : FID2B.ch
 Acq On : 16 Jun 2023 23:58
 Operator : YP/AJ
 Sample : 03223-21
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 17 04:10:35 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

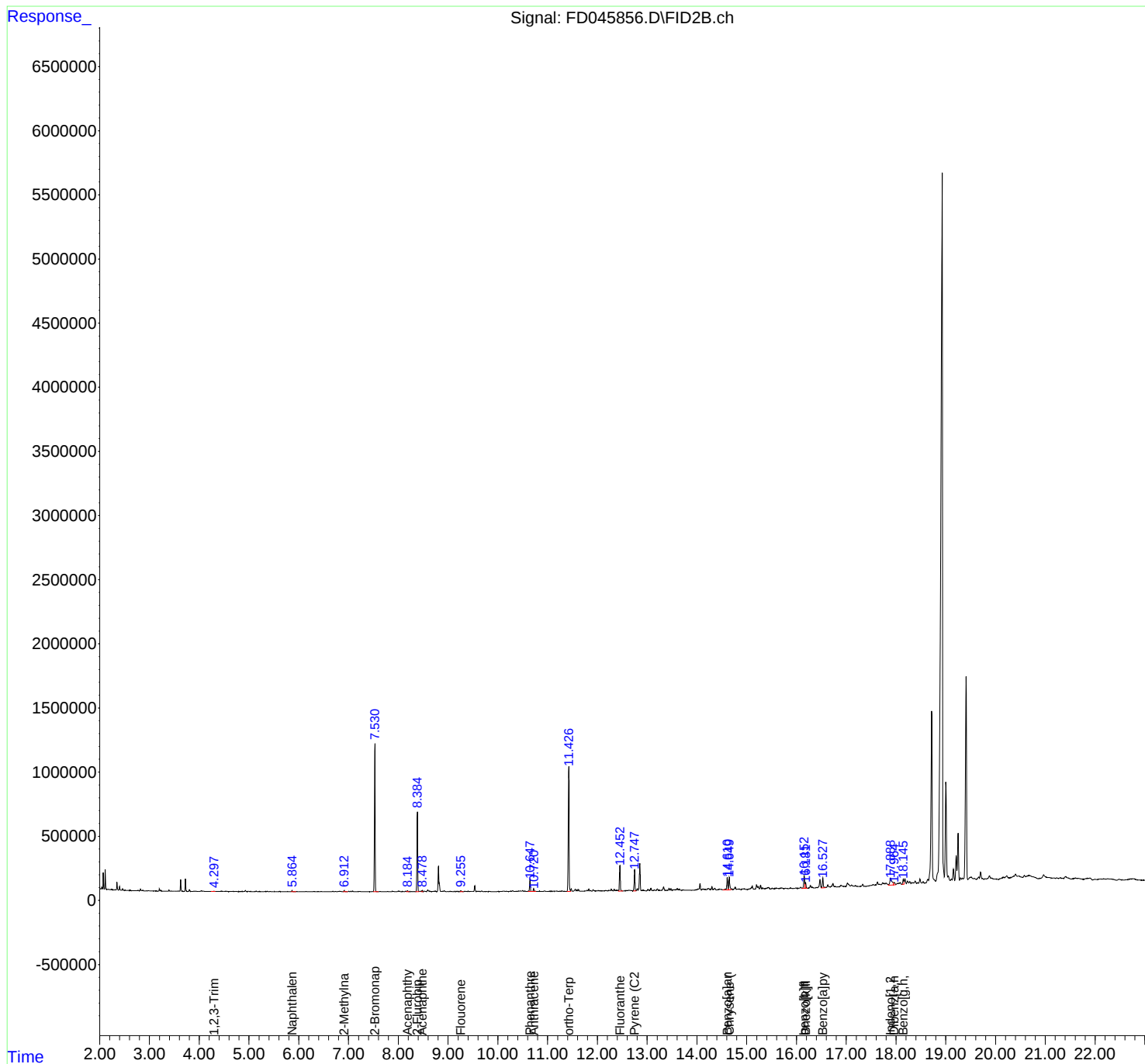
System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.529	11022992	61.141 ug/ml
Spiked Amount 50.000		Recovery =	122.28%
6) S 2-Fluorobiphenyl (SURR)	8.384	6448450	53.635 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	107.27%
11) S ortho-Terphenyl (SURR)	11.426	10944761	48.999 ug/ml
Spiked Amount 50.000		Recovery =	98.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.298	25078	0.124 ug/ml
2) T Naphthalene (C11.7)	5.865	101737	0.480 ug/ml
3) T 2-Methylnaphthalene (...)	6.913	121788	0.577 ug/ml
5) T Acenaphthylene (C15.06)	8.185	128595	0.679 ug/ml
7) T Acenaphthene (C15.5)	8.478	106949	0.529 ug/ml
8) T Fluorene (C16.55)	9.257	121982	0.616 ug/ml
9) T Phenanthrene (C19.36)	10.647	1062053	5.551 ug/ml
10) T Anthracene (C19.43)	10.720	291067	1.709 ug/ml
12) T Fluoranthene (C21.85)	12.453	2270229	12.288 ug/ml
13) T Pyrene (C20.8)	12.747	1852346	10.372 ug/ml
14) T Benzo[a]anthracene (C...	14.610	1320455	8.434 ug/ml
15) T Chrysene (C27.41)	14.650	1316055	7.977 ug/ml
16) T benzo[b]fluoranthene ...	16.154	1421052	9.389 ug/ml
17) T Bnezo[k]fluoranthene ...	16.181	505099	3.263 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.527	1029346	7.039 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.889	1601838	10.937 ug/ml
20) T Dibenz[a,h]anthracene...	17.964	382438	2.549 ug/ml
21) T Benzo[g,h,i]perylene ...	18.145	573717	3.888 ug/ml

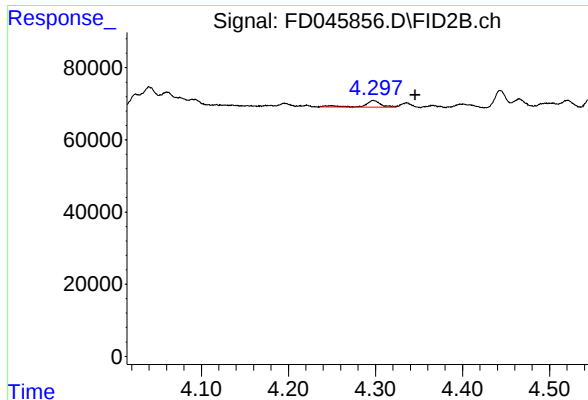
(f)=RT Delta > 1/2 Window

(m)=manual int.

Instrument :
FID_D
ClientSampleId :

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

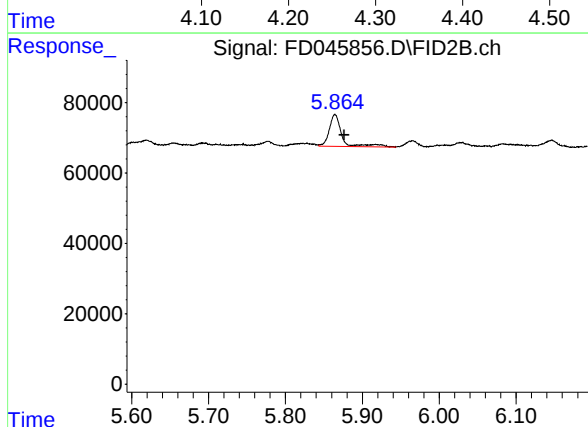




#1 1,2,3-Trimethylbenzene (C10.1)

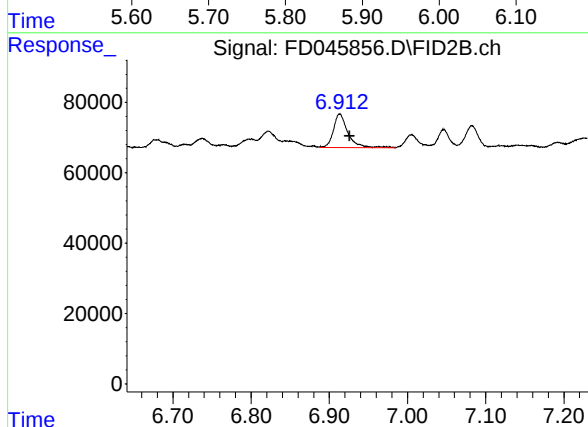
R.T.: 4.298 min
Delta R.T.: -0.048 min
Response: 25078
Conc: 0.12 ug/ml

Instrument :
FID_D
ClientSampleId :



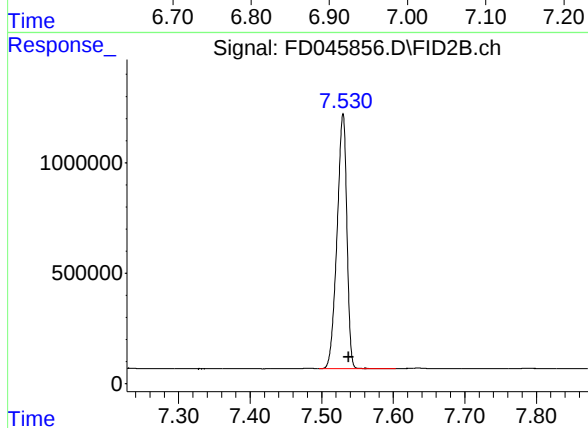
#2 Naphthalene (C11.7)

R.T.: 5.865 min
Delta R.T.: -0.012 min
Response: 101737
Conc: 0.48 ug/ml



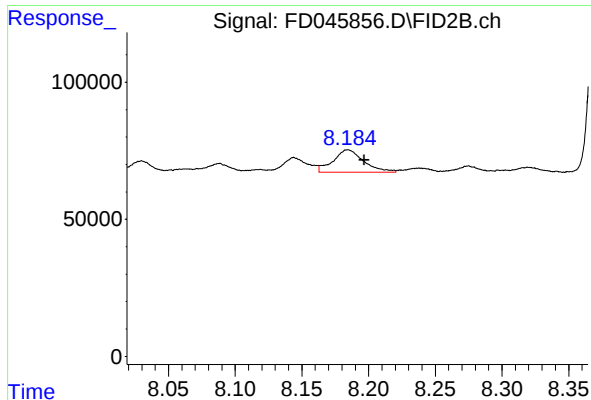
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.913 min
Delta R.T.: -0.013 min
Response: 121788
Conc: 0.58 ug/ml



#4 2-Bromonaphthalene (SURR)

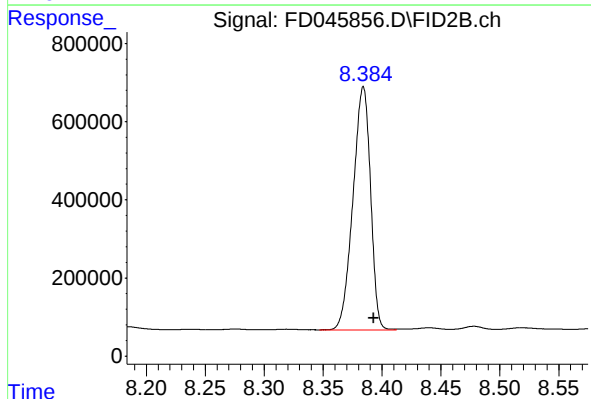
R.T.: 7.529 min
Delta R.T.: -0.008 min
Response: 11022992
Conc: 61.14 ug/ml



#5 Acenaphthylene (C15.06)

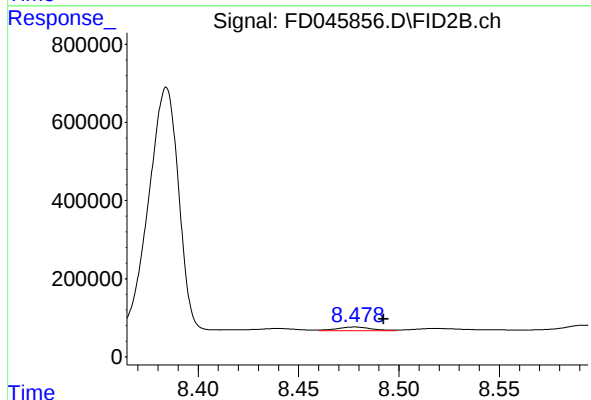
R.T.: 8.185 min
Delta R.T.: -0.012 min
Response: 128595
Conc: 0.68 ug/ml

Instrument :
FID_D
ClientSampleId :



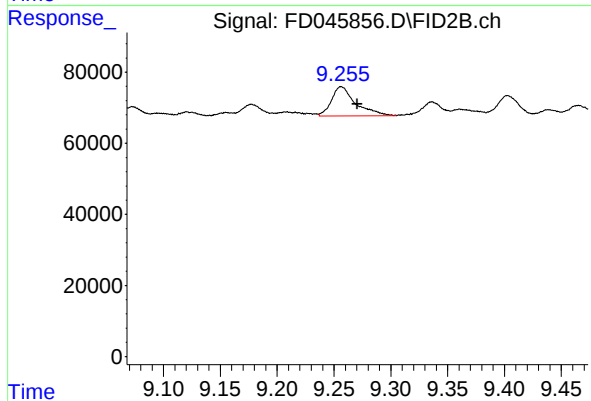
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.384 min
Delta R.T.: -0.009 min
Response: 6448450
Conc: 53.64 ug/ml



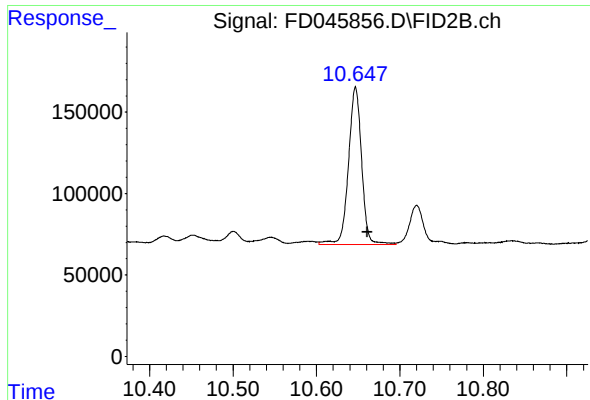
#7 Acenaphthene (C15.5)

R.T.: 8.478 min
Delta R.T.: -0.014 min
Response: 106949
Conc: 0.53 ug/ml



#8 Flouorene (C16.55)

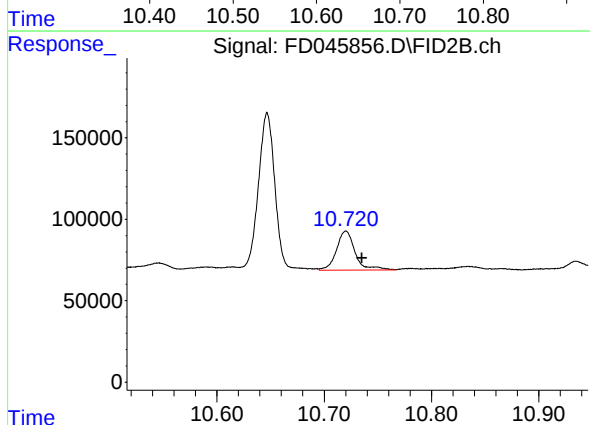
R.T.: 9.257 min
Delta R.T.: -0.014 min
Response: 121982
Conc: 0.62 ug/ml



#9 Phenanthrene (C19.36)

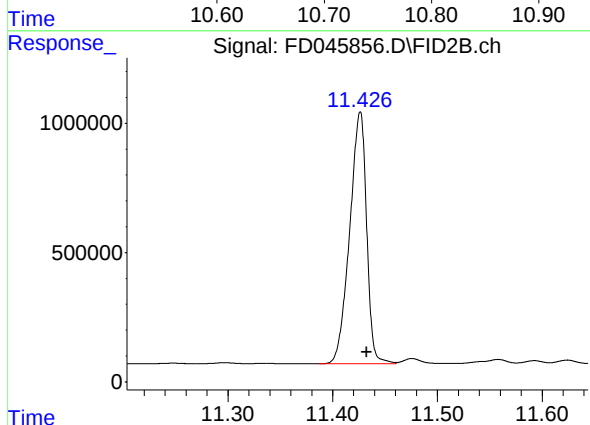
R.T.: 10.647 min
Delta R.T.: -0.014 min
Response: 1062053
Conc: 5.55 ug/ml

Instrument :
FID_D
ClientSampleId :



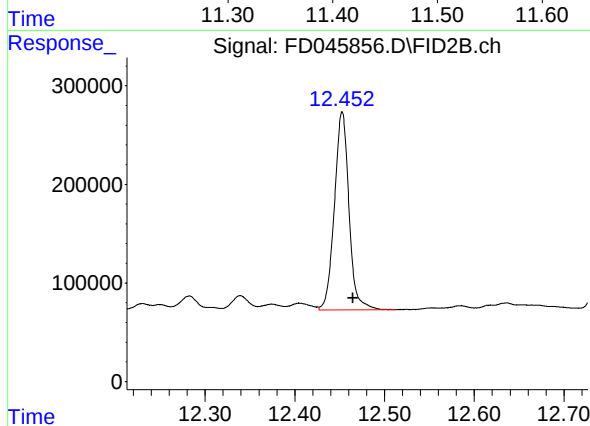
#10 Anthracene (C19.43)

R.T.: 10.720 min
Delta R.T.: -0.015 min
Response: 291067
Conc: 1.71 ug/ml



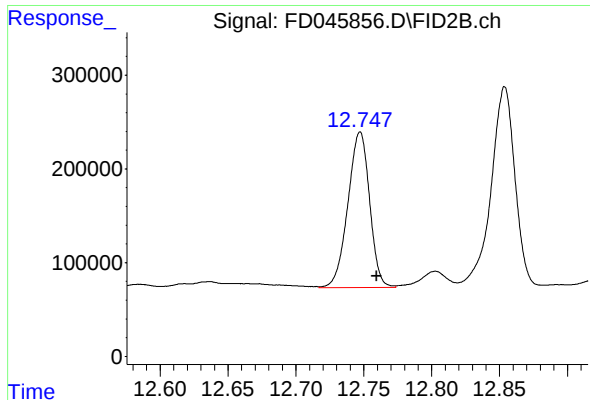
#11 ortho-Terphenyl (SURRE)

R.T.: 11.426 min
Delta R.T.: -0.007 min
Response: 10944761
Conc: 49.00 ug/ml



#12 Fluoranthene (C21.85)

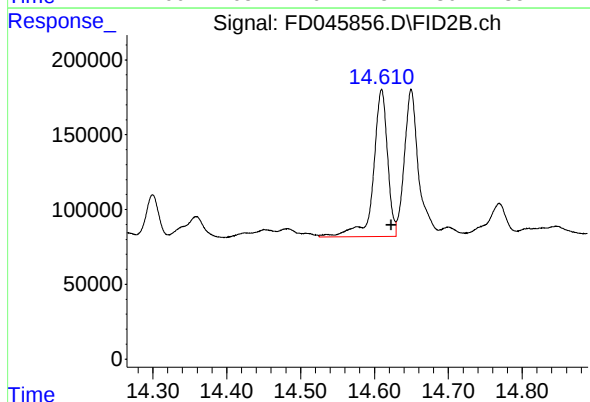
R.T.: 12.453 min
Delta R.T.: -0.012 min
Response: 2270229
Conc: 12.29 ug/ml



#13 Pyrene (C20.8)

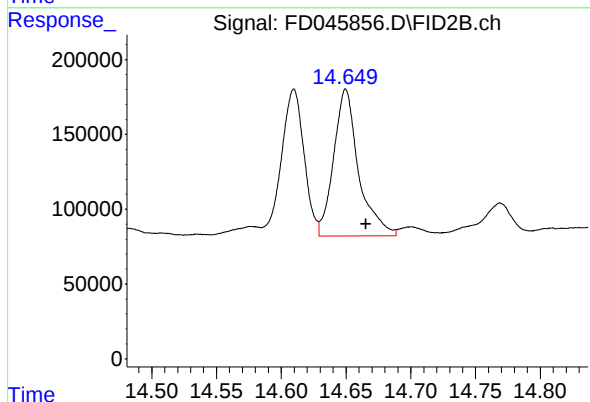
R.T.: 12.747 min
Delta R.T.: -0.012 min
Response: 1852346
Conc: 10.37 ug/ml

Instrument :
FID_D
ClientSampleId :



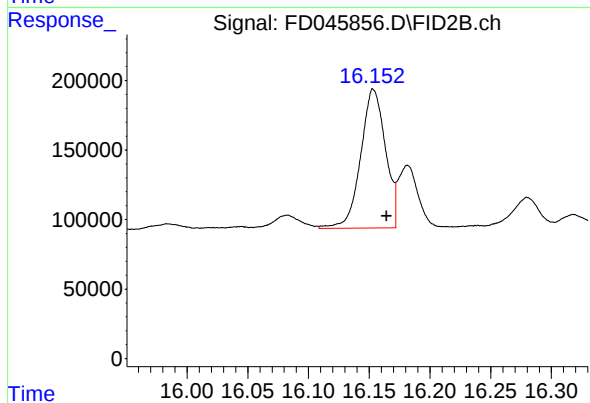
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.610 min
Delta R.T.: -0.013 min
Response: 1320455
Conc: 8.43 ug/ml



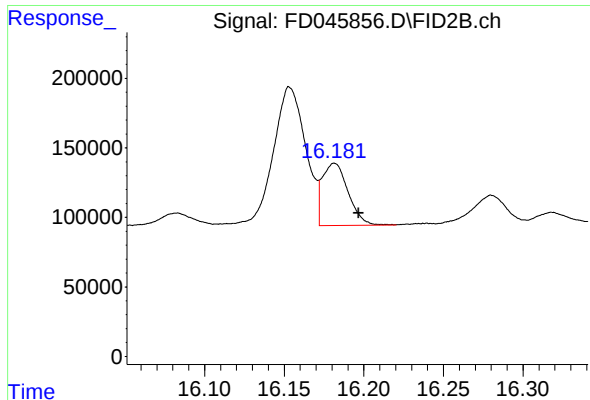
#15 Chrysene (C27.41)

R.T.: 14.650 min
Delta R.T.: -0.016 min
Response: 1316055
Conc: 7.98 ug/ml



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

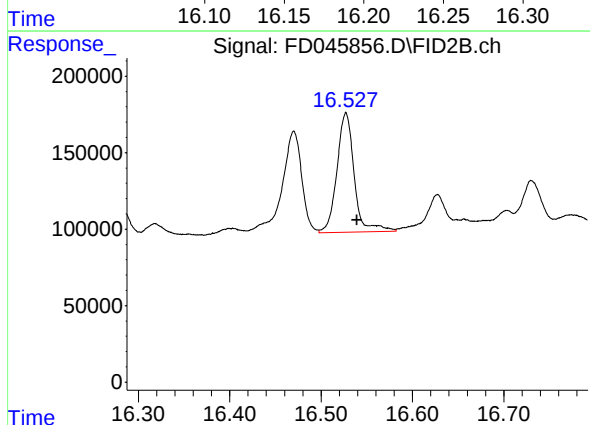
R.T.: 16.154 min
Delta R.T.: -0.011 min
Response: 1421052
Conc: 9.39 ug/ml



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

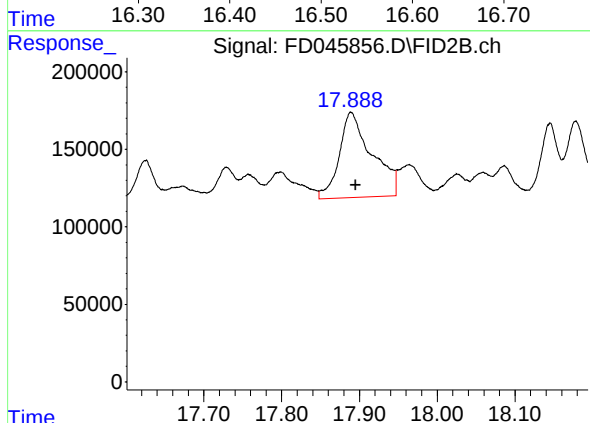
R.T.: 16.181 min
Delta R.T.: -0.015 min
Response: 505099
Conc: 3.26 ug/ml

Instrument :
FID_D
ClientSampleId :



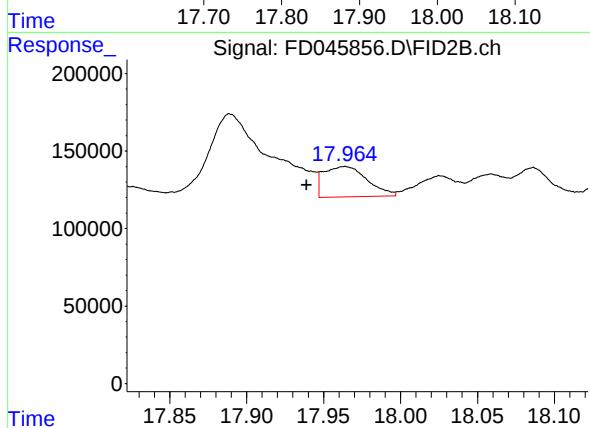
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.527 min
Delta R.T.: -0.012 min
Response: 1029346
Conc: 7.04 ug/ml



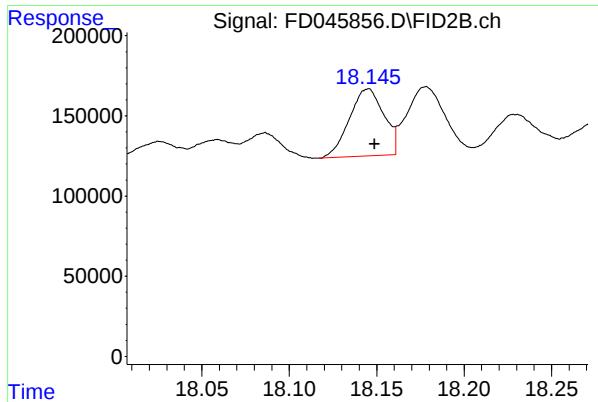
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.889 min
Delta R.T.: -0.006 min
Response: 1601838
Conc: 10.94 ug/ml



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

R.T.: 17.964 min
Delta R.T.: 0.025 min
Response: 382438
Conc: 2.55 ug/ml



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

R.T.: 18.145 min

Delta R.T.: -0.004 min

Response: 573717

Conc: 3.89 ug/ml

Instrument :

FID_D

ClientSampleId :