

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061423AR\
 Data File : FD045840.D
 Signal(s) : FID2B.ch
 Acq On : 14 Jun 2023 22:18
 Operator : YP/AJ
 Sample : 03157-04
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 15 02:55:45 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...	7.528	9314307	51.664 ug/ml
Spiked Amount 50.000		Recovery =	103.33%
6) S 2-Fluorobiphenyl (SURR)	8.383	6023750	50.103 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	100.21%
11) S ortho-Terphenyl (SURR)	11.423	8692315	38.915 ug/ml
Spiked Amount 50.000		Recovery =	77.83%
Target Compounds			
2) T Naphthalene (C11.7)	5.865	37721	0.178 ug/ml
3) T 2-Methylnaphthalene (...)	6.919	42692	0.202 ug/ml
5) T Acenaphthylene (C15.06)	8.143f	25490	0.135 ug/ml
7) T Acenaphthene (C15.5)	8.477	26968	0.133 ug/ml
8) T Fluorene (C16.55)	9.263	32754	0.165 ug/ml
9) T Phenanthrene (C19.36)	10.645	139272	0.728 ug/ml
10) T Anthracene (C19.43)	10.720	46773	0.275 ug/ml
12) T Fluoranthene (C21.85)	12.448	270963	1.467 ug/ml
13) T Pyrene (C20.8)	12.742	199506	1.117 ug/ml
14) T Benzo[a]anthracene (C...	14.605	120125	0.767 ug/ml
15) T Chrysene (C27.41)	14.646	199837	1.211 ug/ml
16) T benzo[b]fluoranthene ...	16.147	254414	1.681 ug/ml
17) T Bnezo[k]fluoranthene ...	16.147	254414	1.643 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.521	140215	0.959 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.879	244639	1.670 ug/ml
20) T Dibenz[a,h]anthracene...	17.959	67550	0.450 ug/ml
21) T Benzo[g,h,i]perylene ...	18.126	97248	0.659 ug/ml

(f)=RT Delta > 1/2 Window

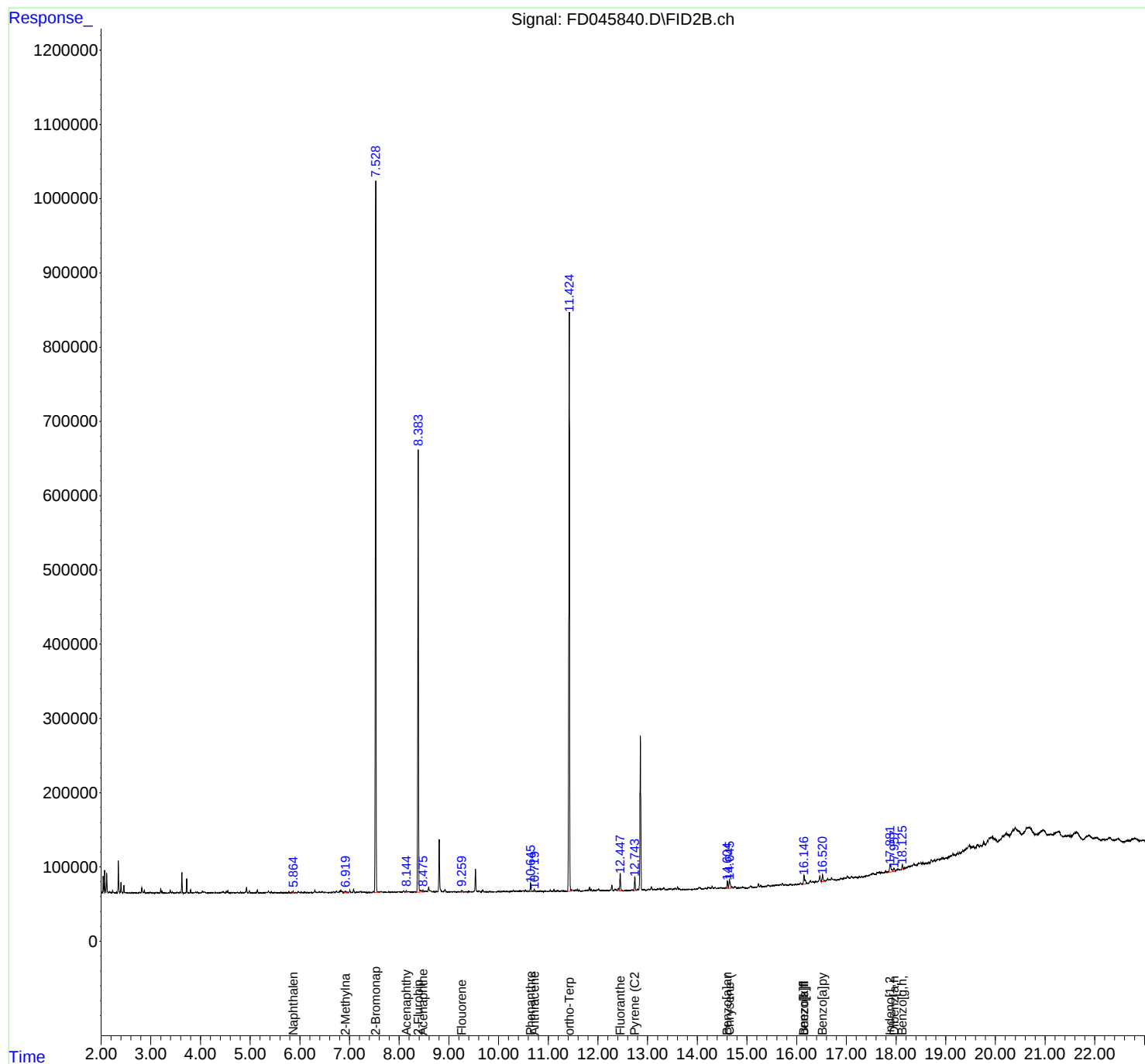
(m)=manual int.

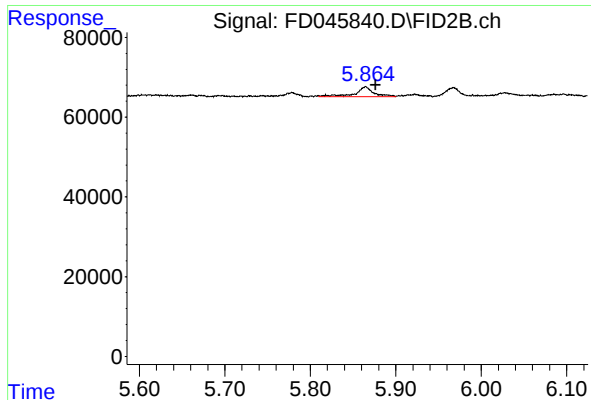
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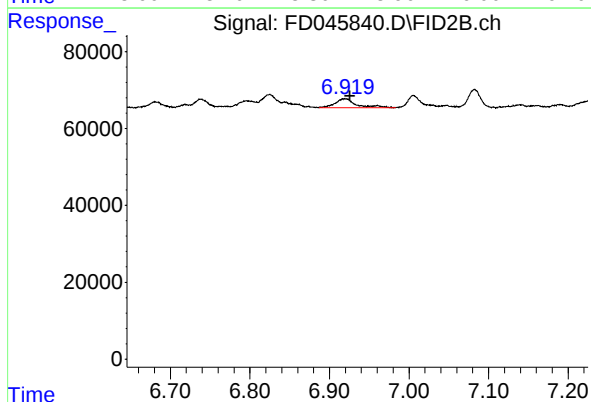
#2 Naphthalene (C11.7)

R.T.: 5.865 min
Delta R.T.: -0.012 min
Response: 37721
Conc: 0.18 ug/ml

Instrument :

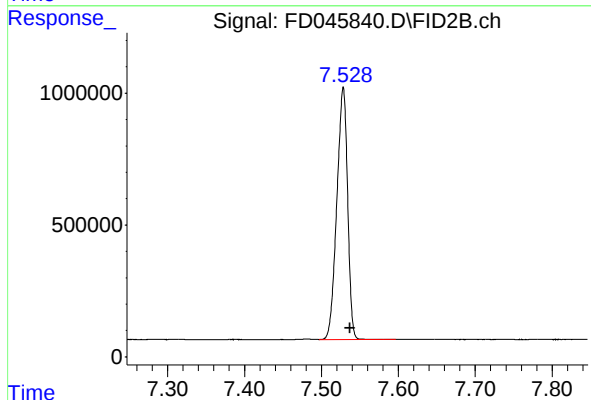
FID_D

ClientSampleId :



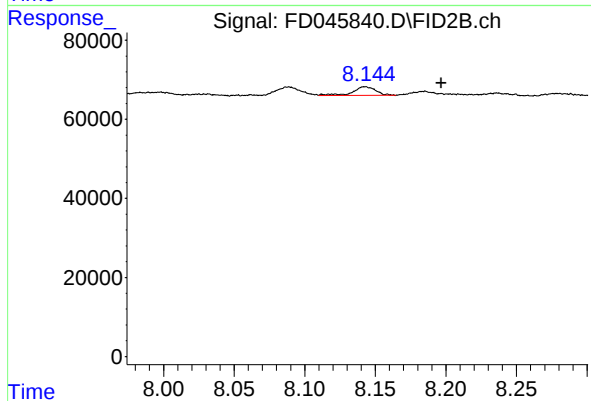
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.919 min
Delta R.T.: -0.007 min
Response: 42692
Conc: 0.20 ug/ml



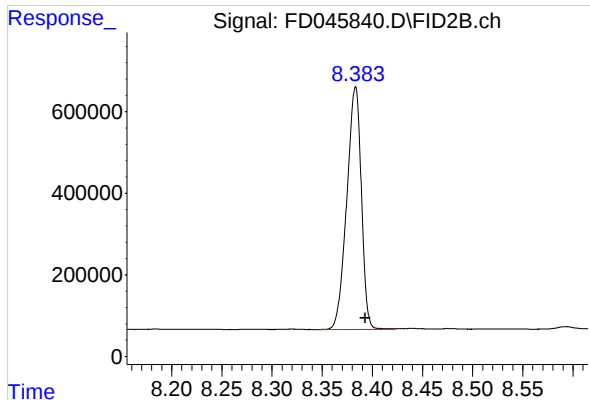
#4 2-Bromonaphthalene (SURR)

R.T.: 7.528 min
Delta R.T.: -0.009 min
Response: 9314307
Conc: 51.66 ug/ml



#5 Acenaphthylene (C15.06)

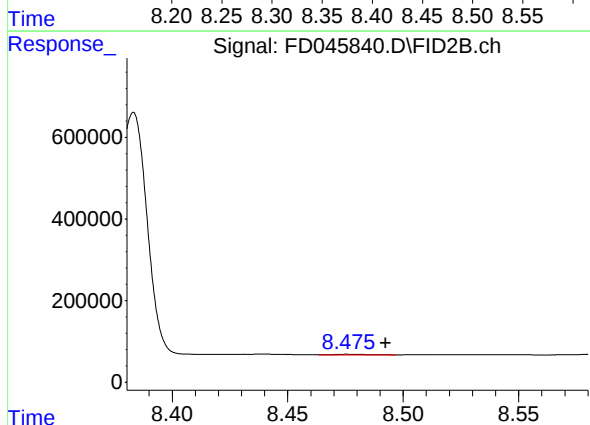
R.T.: 8.143 min
Delta R.T.: -0.054 min
Response: 25490
Conc: 0.13 ug/ml



#6 2-Fluorobiphenyl (SURR)

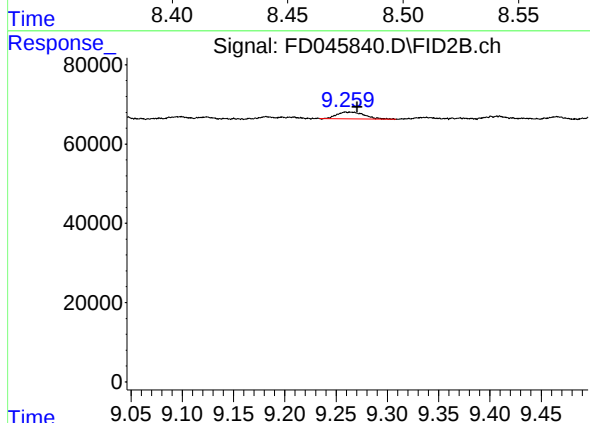
R.T.: 8.383 min
Delta R.T.: -0.010 min
Response: 6023750
Conc: 50.10 ug/ml

Instrument :
FID_D
ClientSampleId :



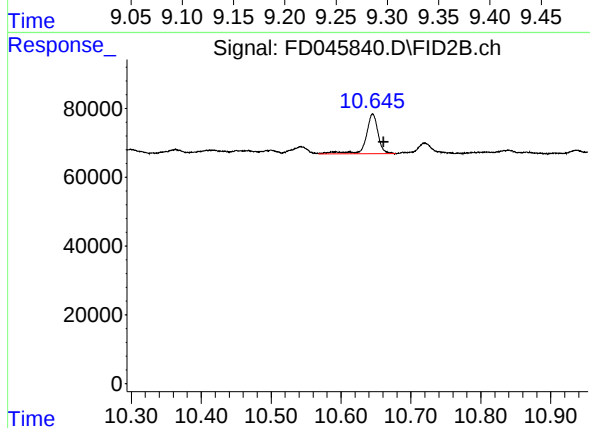
#7 Acenaphthene (C15.5)

R.T.: 8.477 min
Delta R.T.: -0.015 min
Response: 26968
Conc: 0.13 ug/ml



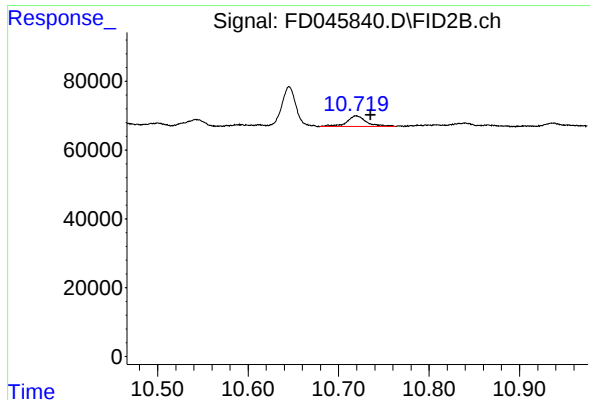
#8 Flouorene (C16.55)

R.T.: 9.263 min
Delta R.T.: -0.008 min
Response: 32754
Conc: 0.17 ug/ml



#9 Phenanthrene (C19.36)

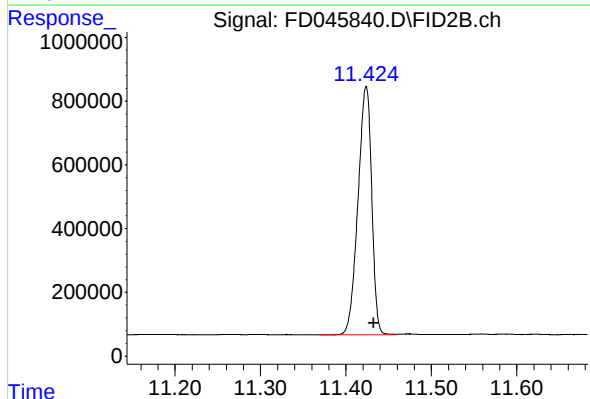
R.T.: 10.645 min
Delta R.T.: -0.016 min
Response: 139272
Conc: 0.73 ug/ml



#10 Anthracene (C19.43)

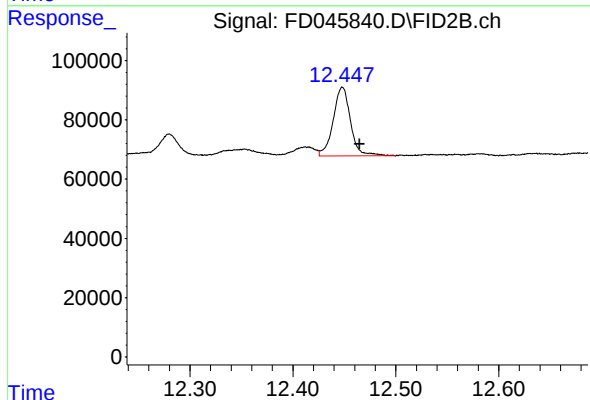
R.T.: 10.720 min
Delta R.T.: -0.016 min
Response: 46773
Conc: 0.27 ug/ml

Instrument :
FID_D
ClientSampleId :



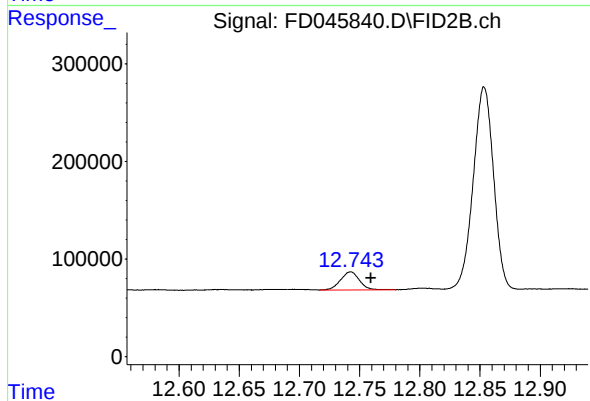
#11 ortho-Terphenyl (SURR)

R.T.: 11.423 min
Delta R.T.: -0.009 min
Response: 8692315
Conc: 38.91 ug/ml



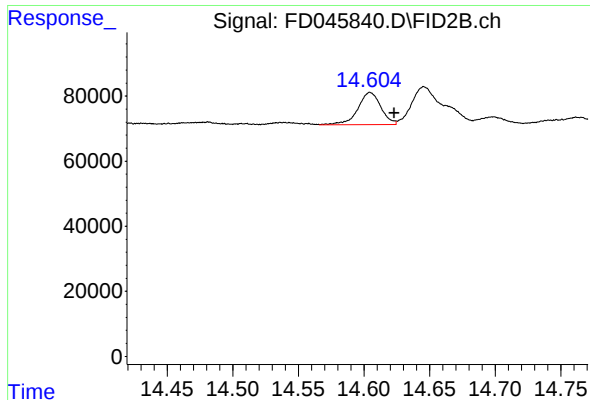
#12 Fluoranthene (C21.85)

R.T.: 12.448 min
Delta R.T.: -0.017 min
Response: 270963
Conc: 1.47 ug/ml



#13 Pyrene (C20.8)

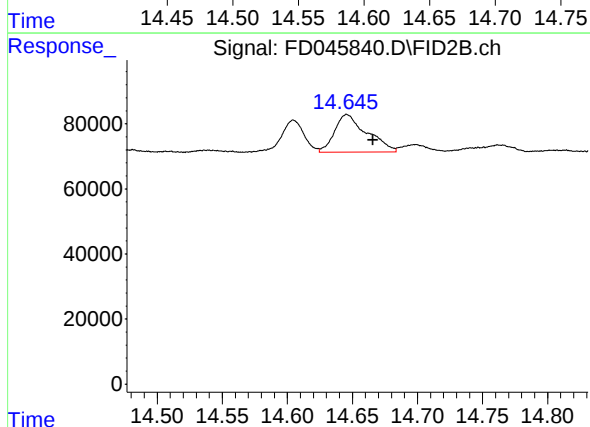
R.T.: 12.742 min
Delta R.T.: -0.017 min
Response: 199506
Conc: 1.12 ug/ml



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

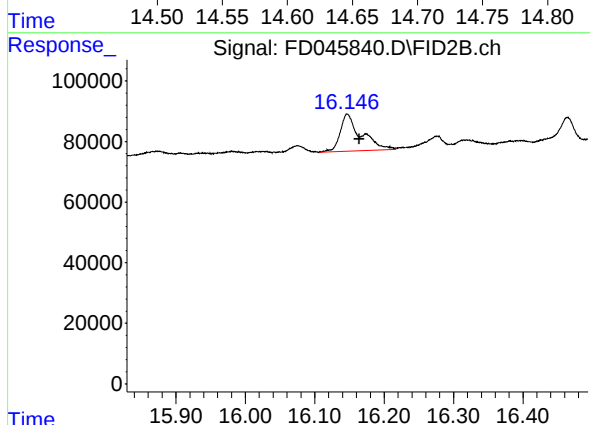
R.T.: 14.605 min
Delta R.T.: -0.018 min
Response: 120125
Conc: 0.77 ug/ml

Instrument :
FID_D
ClientSampleId :



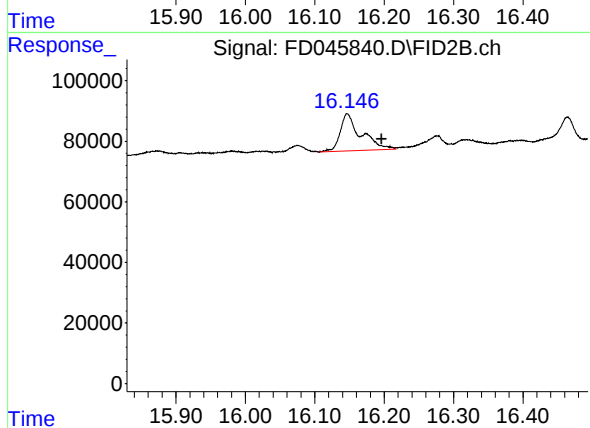
#15 Chrysene (C27.41)

R.T.: 14.646 min
Delta R.T.: -0.020 min
Response: 199837
Conc: 1.21 ug/ml



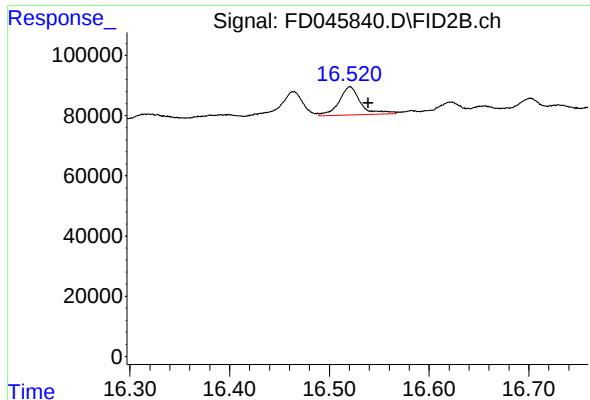
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.147 min
Delta R.T.: -0.017 min
Response: 254414
Conc: 1.68 ug/ml



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

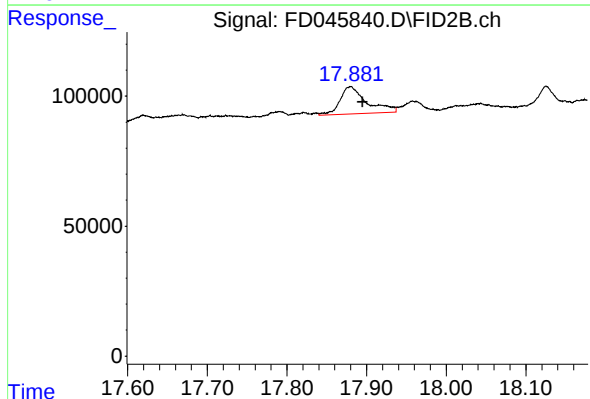
R.T.: 16.147 min
Delta R.T.: -0.050 min
Response: 254414
Conc: 1.64 ug/ml



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

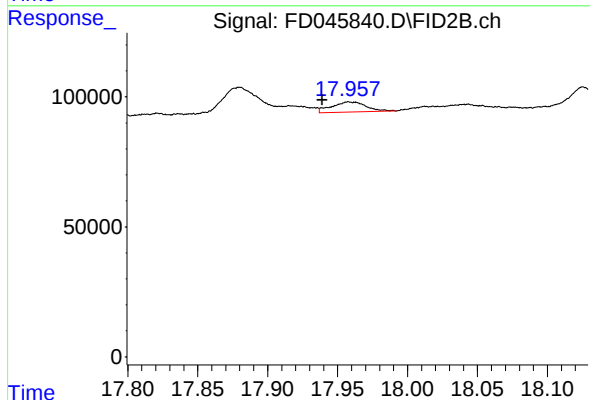
R.T.: 16.521 min
Delta R.T.: -0.019 min
Response: 140215
Conc: 0.96 ug/ml

Instrument :
FID_D
ClientSampleId :



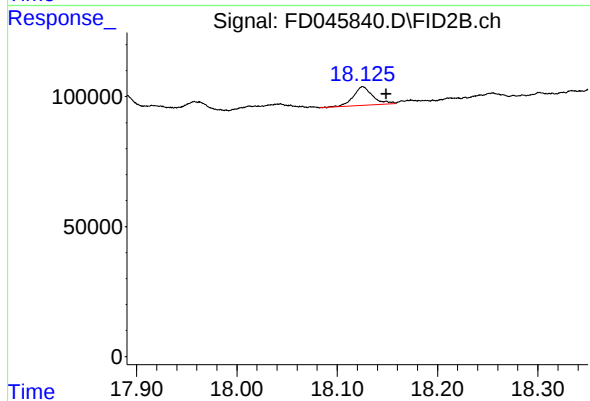
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.879 min
Delta R.T.: -0.016 min
Response: 244639
Conc: 1.67 ug/ml



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

R.T.: 17.959 min
Delta R.T.: 0.020 min
Response: 67550
Conc: 0.45 ug/ml



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

R.T.: 18.126 min
Delta R.T.: -0.023 min
Response: 97248
Conc: 0.66 ug/ml