

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061822AR\
 Data File : FD042957.D
 Signal(s) : FID2B.CH
 Acq On : 18 Jun 2022 21:09
 Operator : UA/NP
 Sample : N3213-04
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 20 02:46:06 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 01 10:34:31 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.668	8896958	58.222 ug/ml
Spiked Amount 50.000		Recovery =	116.44%
6) S 2-Fluorobiphenyl (SURR)	8.517	554022	5.387 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	10.77%
11) S ortho-Terphenyl (SURR)	11.578	3617888	20.380 ug/ml
Spiked Amount 50.000		Recovery =	40.76%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.477	396787	2.370 ug/ml
2) T Naphthalene (C11.7)	5.997	9946621	57.530 ug/ml
3) T 2-Methylnaphthalene (...)	7.080	64902146	406.991 ug/ml
5) T Acenaphthylene (C15.06)	8.338	24196200	140.046 ug/ml
7) T Acenaphthene (C15.5)	8.638	5138155	29.861 ug/ml
8) T Fluorene (C16.55)	9.387	4385801	26.124 ug/ml
9) T Phenanthrene (C19.36)	10.856	48571148	295.371 ug/ml
10) T Anthracene (C19.43)	10.856	48571148	317.786 ug/ml
12) T Fluoranthene (C21.85)	12.625	23423183	148.675 ug/ml
13) T Pyrene (C20.8)	12.937	14871133	95.519 ug/ml
14) T Benzo[a]anthracene (C...	14.787	3328327	24.962 ug/ml
15) T Chrysene (C27.41)	14.859	6679938	50.560 ug/ml
16) T benzo[b]fluoranthene ...	16.344	5146378	38.632 ug/ml
17) T Bnezo[k]fluoranthene ...	16.344	5146378	41.551 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.715	3012419	24.339 ug/ml
20) T Dibenz[a,h]anthracene...	18.120	696464	6.261 ug/ml
21) T Benzo[g,h,i]perylene ...	18.364	411898	3.466 ug/ml

(f)=RT Delta > 1/2 Window

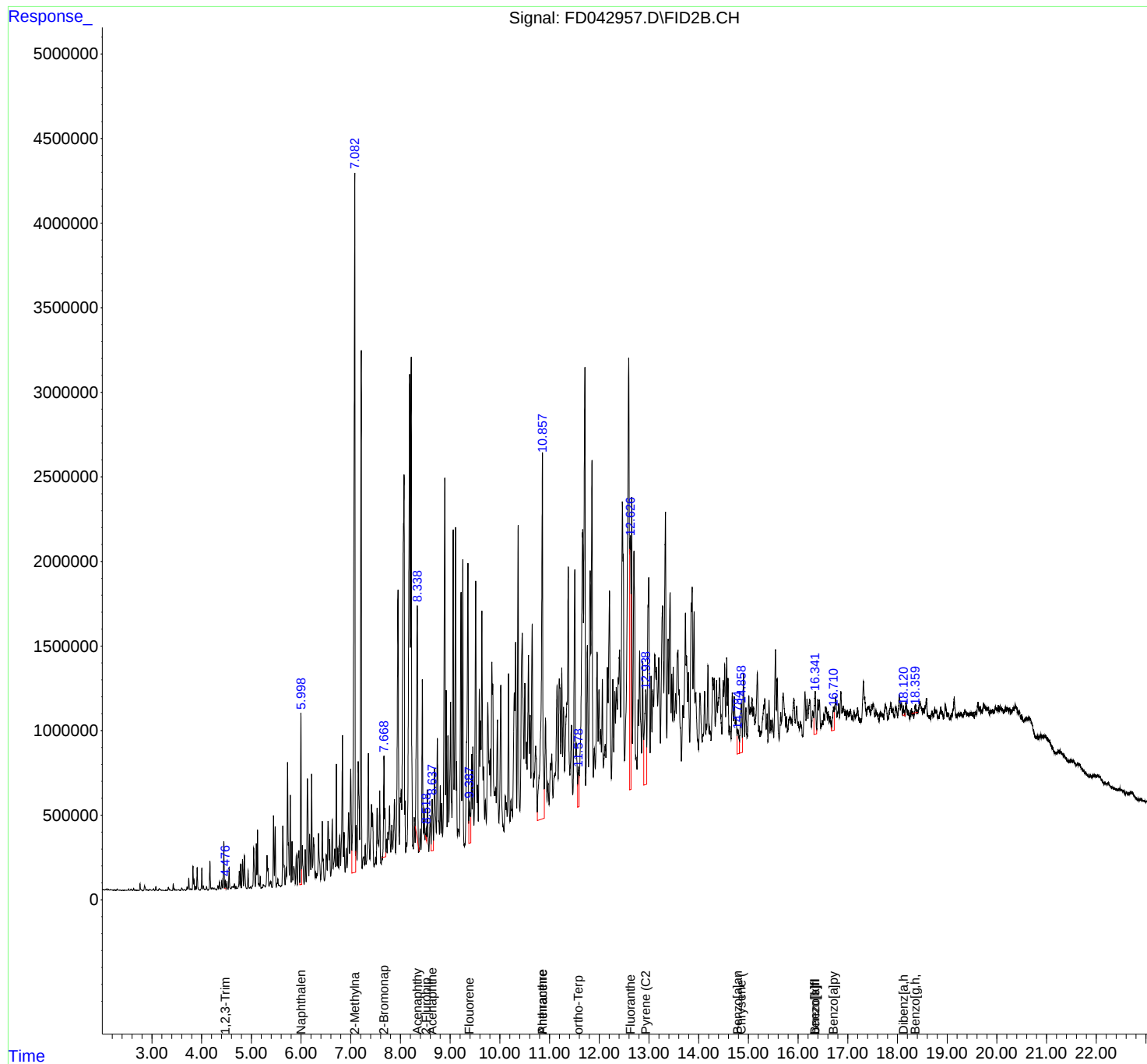
(m)=manual int.

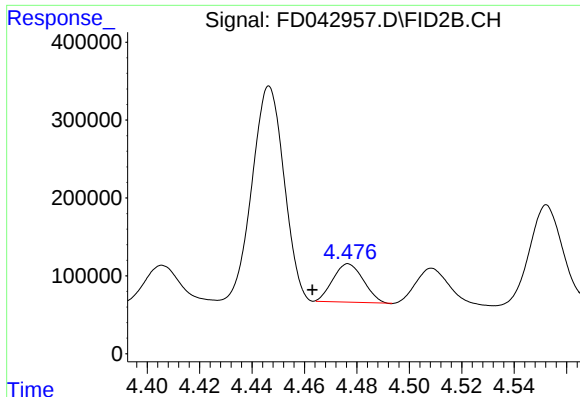
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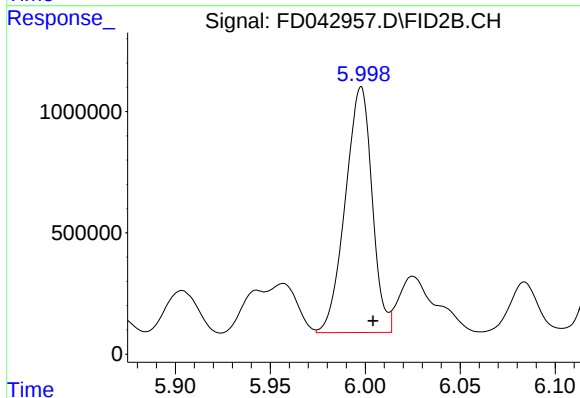




#1 1,2,3-Trimethylbenzene (C10.1)

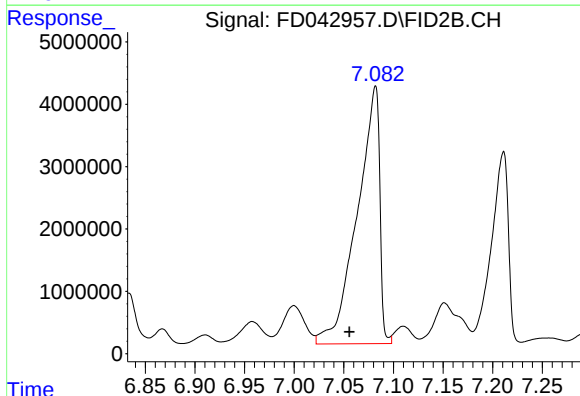
R.T.: 4.477 min
Delta R.T.: 0.014 min
Response: 396787
Conc: 2.37 ug/ml

Instrument :
FID_D
ClientSampleId :



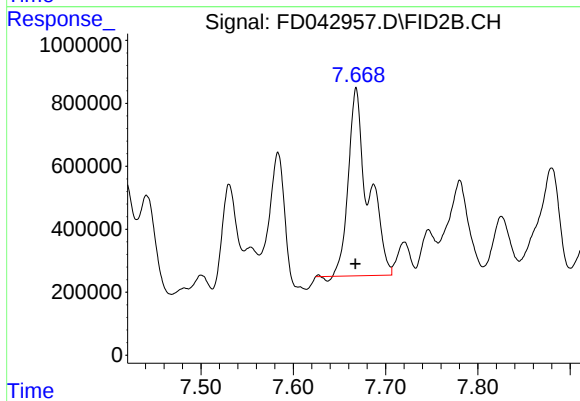
#2 Naphthalene (C11.7)

R.T.: 5.997 min
Delta R.T.: -0.007 min
Response: 9946621
Conc: 57.53 ug/ml



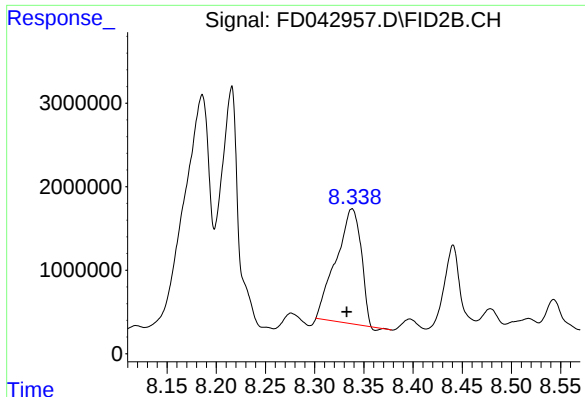
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.080 min
Delta R.T.: 0.025 min
Response: 64902146
Conc: 406.99 ug/ml



#4 2-Bromonaphthalene (SURR)

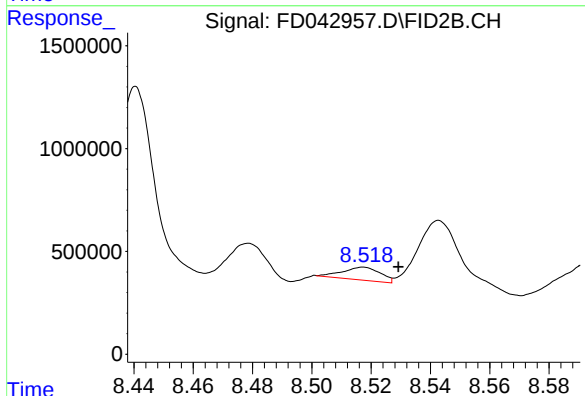
R.T.: 7.668 min
Delta R.T.: 0.000 min
Response: 8896958
Conc: 58.22 ug/ml



#5 Acenaphthylene (C15.06)

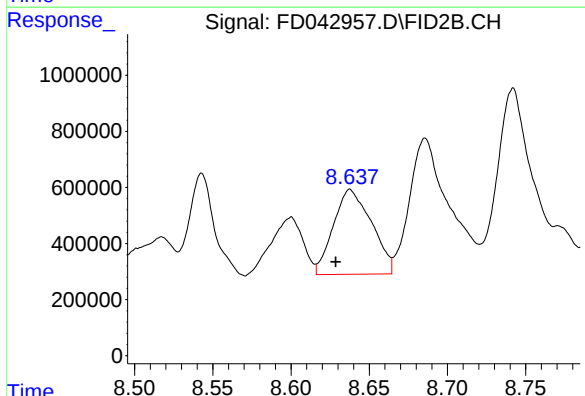
R.T.: 8.338 min
Delta R.T.: 0.005 min
Response: 24196200
Conc: 140.05 ug/ml

Instrument :
FID_D
ClientSampleId :



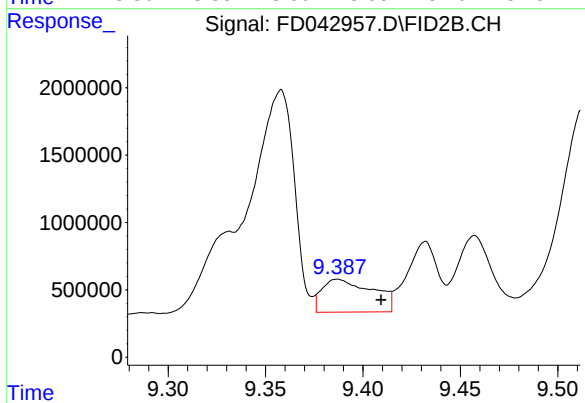
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.517 min
Delta R.T.: -0.012 min
Response: 554022
Conc: 5.39 ug/ml



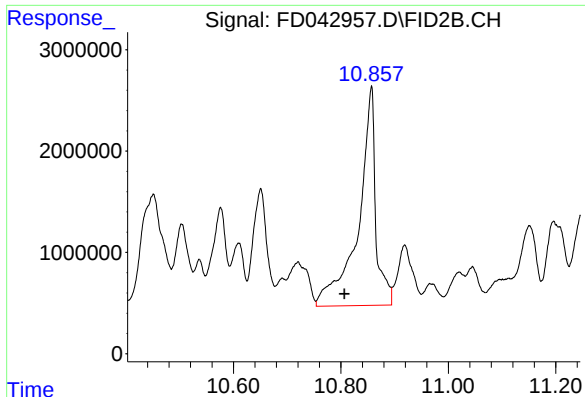
#7 Acenaphthene (C15.5)

R.T.: 8.638 min
Delta R.T.: 0.010 min
Response: 5138155
Conc: 29.86 ug/ml



#8 Fluorene (C16.55)

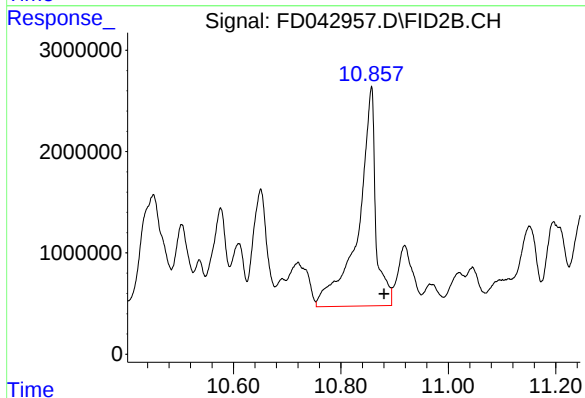
R.T.: 9.387 min
Delta R.T.: -0.022 min
Response: 4385801
Conc: 26.12 ug/ml



#9 Phenanthrene (C19.36)

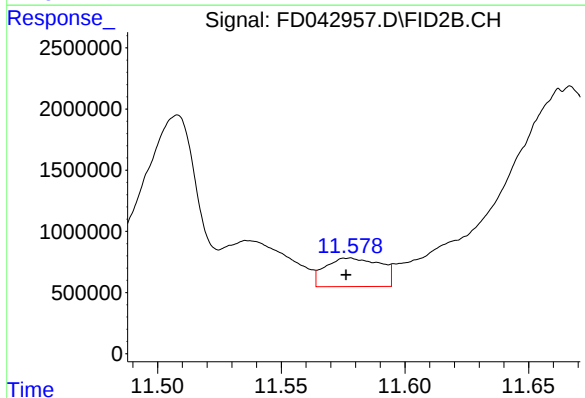
R.T.: 10.856 min
Delta R.T.: 0.049 min
Response: 48571148
Conc: 295.37 ug/ml

Instrument :
FID_D
ClientSampleId :



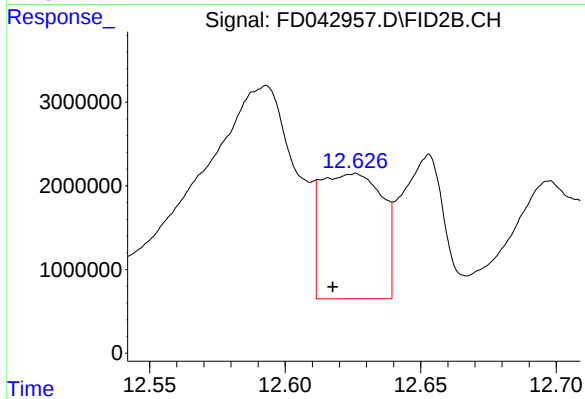
#10 Anthracene (C19.43)

R.T.: 10.856 min
Delta R.T.: -0.025 min
Response: 48571148
Conc: 317.79 ug/ml



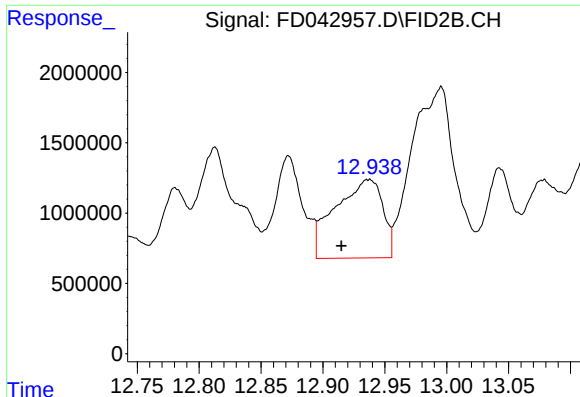
#11 ortho-Terphenyl (SURR)

R.T.: 11.578 min
Delta R.T.: 0.002 min
Response: 3617888
Conc: 20.38 ug/ml



#12 Fluoranthene (C21.85)

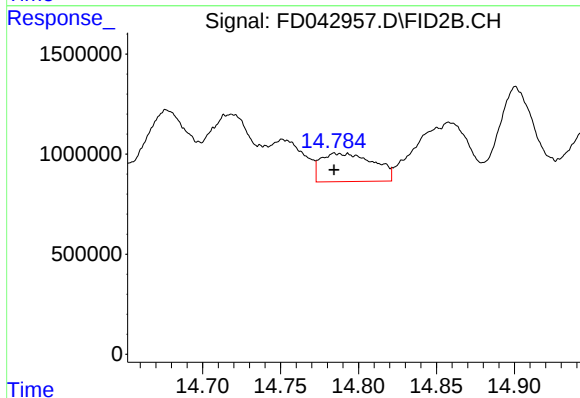
R.T.: 12.625 min
Delta R.T.: 0.007 min
Response: 23423183
Conc: 148.67 ug/ml



#13 Pyrene (C20.8)

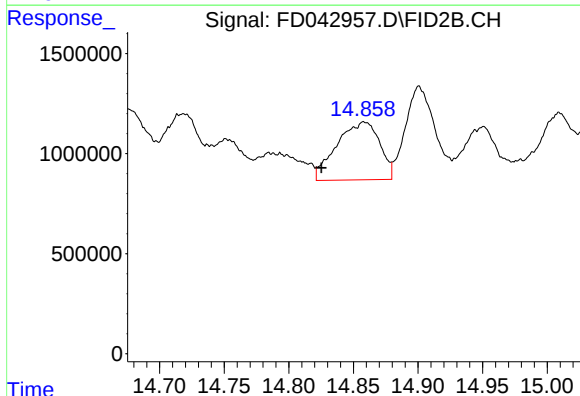
R.T.: 12.937 min
Delta R.T.: 0.022 min
Response: 14871133
Conc: 95.52 ug/ml

Instrument :
FID_D
ClientSampleId :



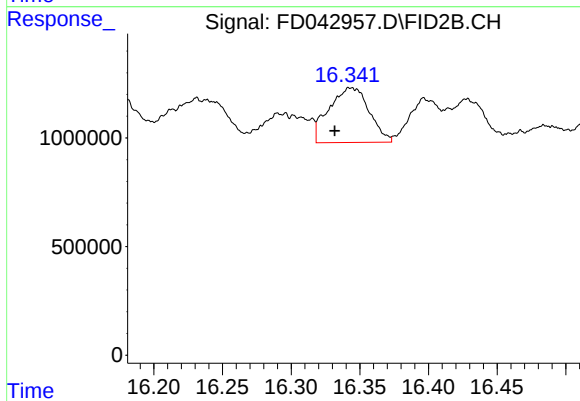
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.787 min
Delta R.T.: 0.003 min
Response: 3328327
Conc: 24.96 ug/ml



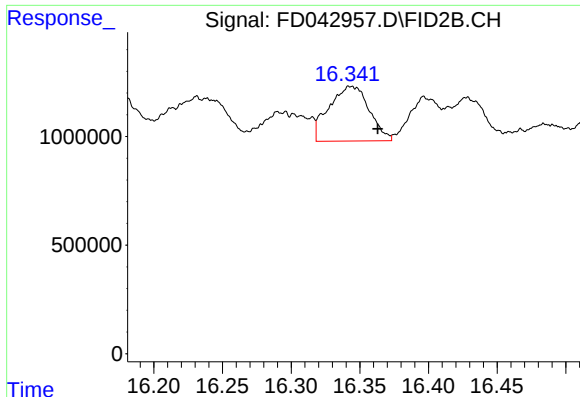
#15 Chrysene (C27.41)

R.T.: 14.859 min
Delta R.T.: 0.033 min
Response: 6679938
Conc: 50.56 ug/ml



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

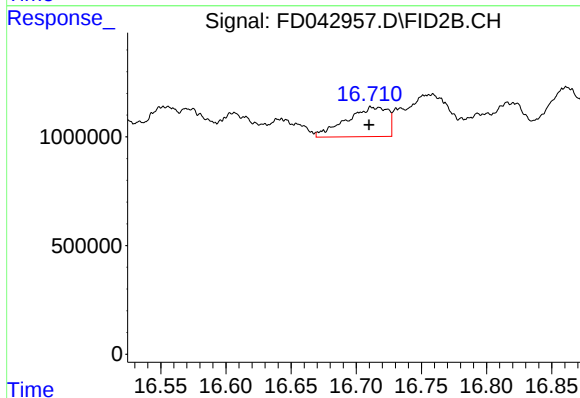
R.T.: 16.344 min
Delta R.T.: 0.012 min
Response: 5146378
Conc: 38.63 ug/ml



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

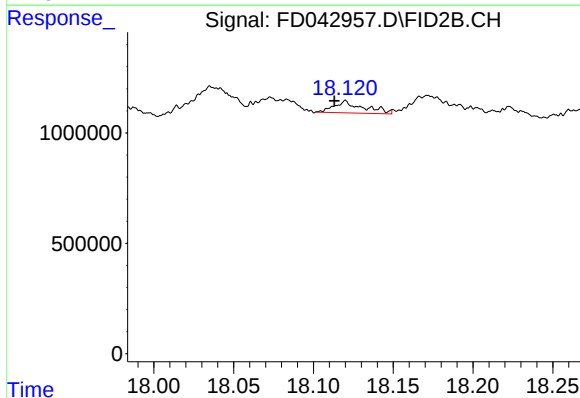
R.T.: 16.344 min
Delta R.T.: -0.019 min
Response: 5146378
Conc: 41.55 ug/ml

Instrument :
FID_D
ClientSampleId :



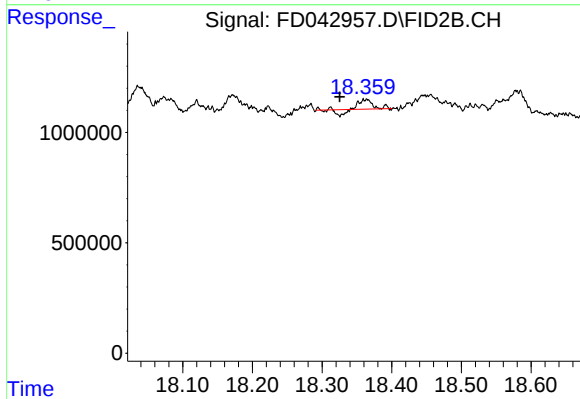
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.715 min
Delta R.T.: 0.005 min
Response: 3012419
Conc: 24.34 ug/ml



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

R.T.: 18.120 min
Delta R.T.: 0.007 min
Response: 696464
Conc: 6.26 ug/ml



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

R.T.: 18.364 min
Delta R.T.: 0.039 min
Response: 411898
Conc: 3.47 ug/ml