

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060722AR\
 Data File : FD042816.D
 Signal(s) : FID2B.CH
 Acq On : 07 Jun 2022 19:53
 Operator : UA/NP
 Sample : N3143-03
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 08 06:17:48 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...	7.665	8537209	55.868 ug/ml
Spiked Amount 50.000		Recovery =	111.74%
6) S 2-Fluorobiphenyl (SURR)	8.530	5479041	53.274 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	106.55%
11) S ortho-Terphenyl (SURR)	11.579	6009370	33.851 ug/ml
Spiked Amount 50.000		Recovery =	67.70%
Target Compounds			
2) T Naphthalene (C11.7)	5.997	71420	0.413 ug/ml
3) T 2-Methylnaphthalene (...)	7.049	91492	0.574 ug/ml
5) T Acenaphthylene (C15.06)	8.385f	336017	1.945 ug/ml
7) T Acenaphthene (C15.5)	8.613	218162	1.268 ug/ml
8) T Fluorene (C16.55)	9.409	125726	0.749 ug/ml
9) T Phenanthrene (C19.36)	10.804	310106	1.886 ug/ml
10) T Anthracene (C19.43)	10.881	347207	2.272 ug/ml
12) T Fluoranthene (C21.85)	12.619	599937	3.808 ug/ml
13) T Pyrene (C20.8)	12.917	412341	2.649 ug/ml
14) T Benzo[a]anthracene (C...	14.791	262221	1.967 ug/ml
15) T Chrysene (C27.41)	14.829	167441	1.267 ug/ml
16) T benzo[b]fluoranthene ...	16.343	347404	2.608 ug/ml
17) T Bnezo[k]fluoranthene ...	16.343	347404	2.805 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.719	221133	1.787 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.087	374492	3.360 ug/ml
20) T Dibenz[a,h]anthracene...	18.087	374492	3.367 ug/ml
21) T Benzo[g,h,i]perylene ...	18.339	179021	1.506 ug/ml

(f)=RT Delta > 1/2 Window

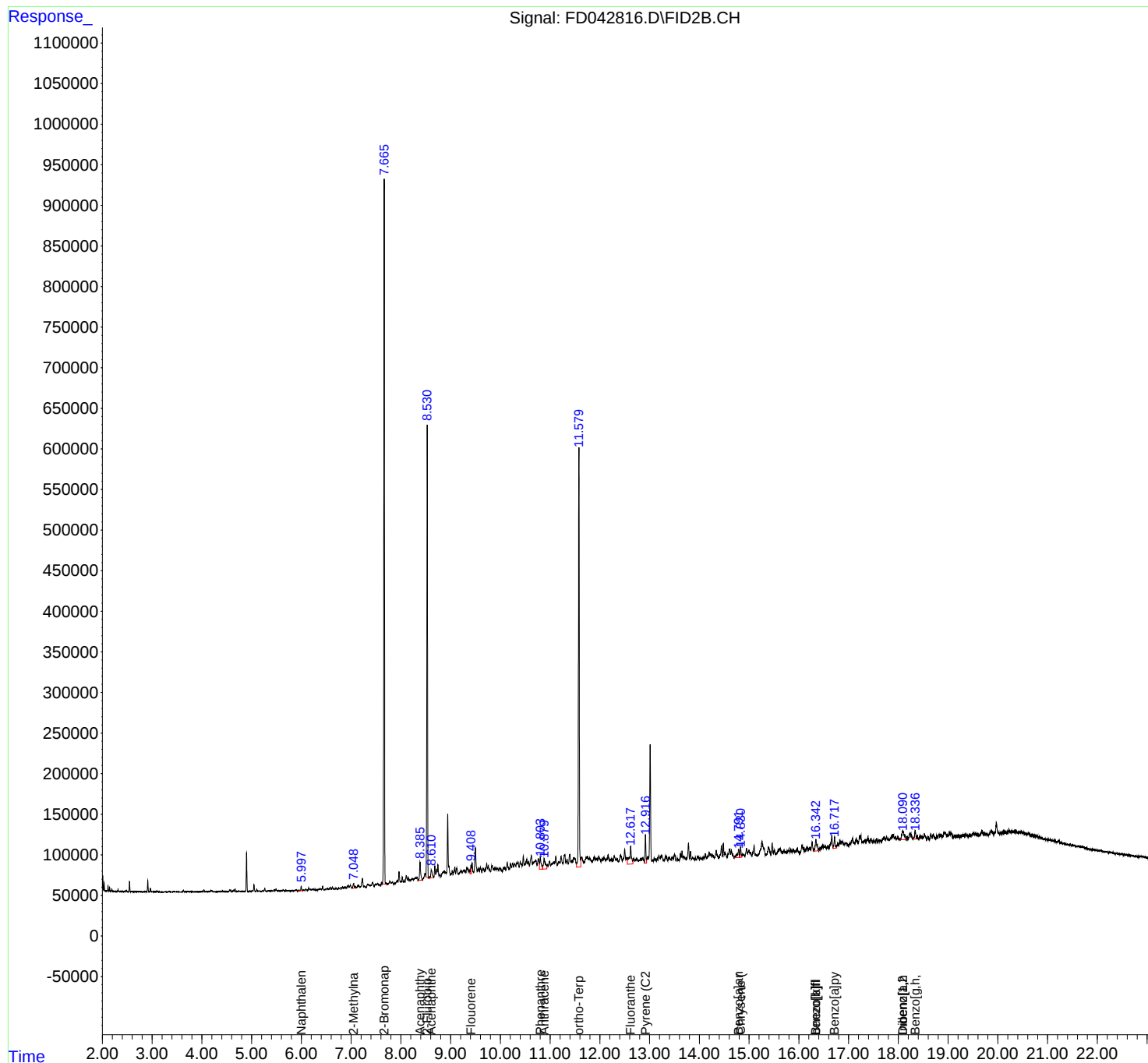
(m)=manual int.

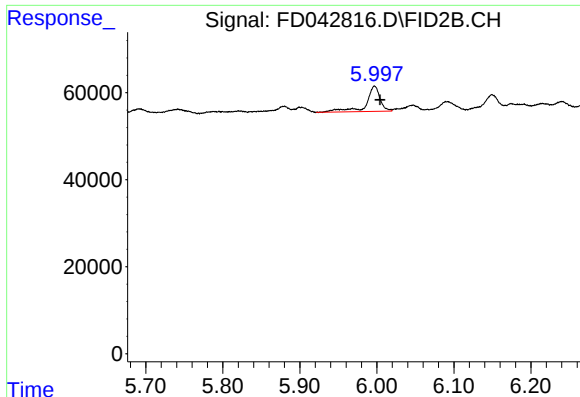
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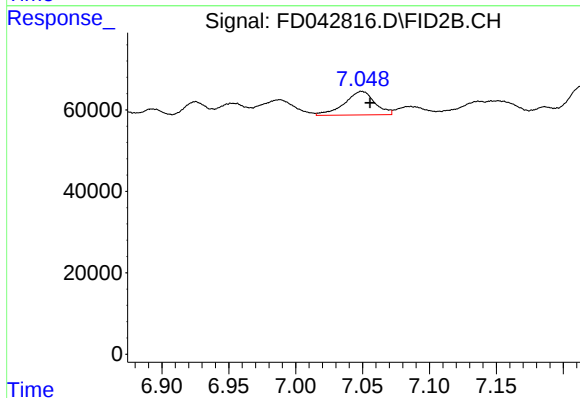




#2 Naphthalene (C11.7)

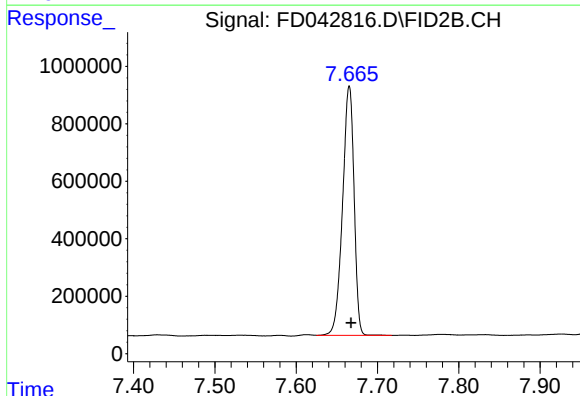
R.T.: 5.997 min
Delta R.T.: -0.007 min
Response: 71420
Conc: 0.41 ug/ml

Instrument :
FID_D
ClientSampleId :



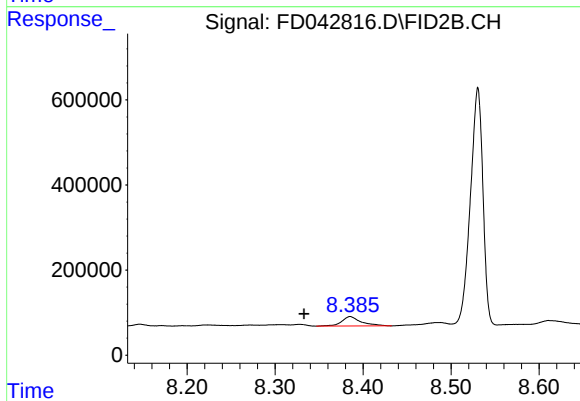
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.049 min
Delta R.T.: -0.006 min
Response: 91492
Conc: 0.57 ug/ml



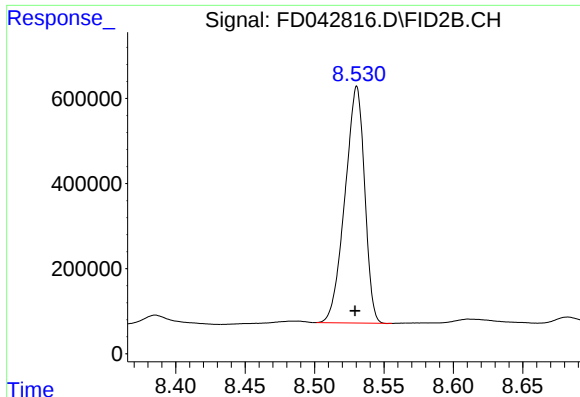
#4 2-Bromonaphthalene (SURR)

R.T.: 7.665 min
Delta R.T.: -0.002 min
Response: 8537209
Conc: 55.87 ug/ml



#5 Acenaphthylene (C15.06)

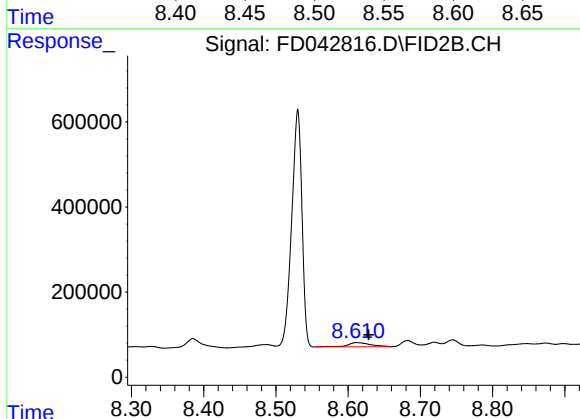
R.T.: 8.385 min
Delta R.T.: 0.053 min
Response: 336017
Conc: 1.94 ug/ml



#6 2-Fluorobiphenyl (SURR)

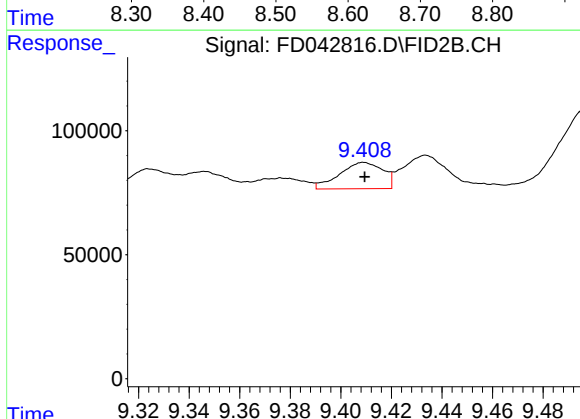
R.T.: 8.530 min
Delta R.T.: 0.000 min
Response: 5479041
Conc: 53.27 ug/ml

Instrument :
FID_D
ClientSampleId :



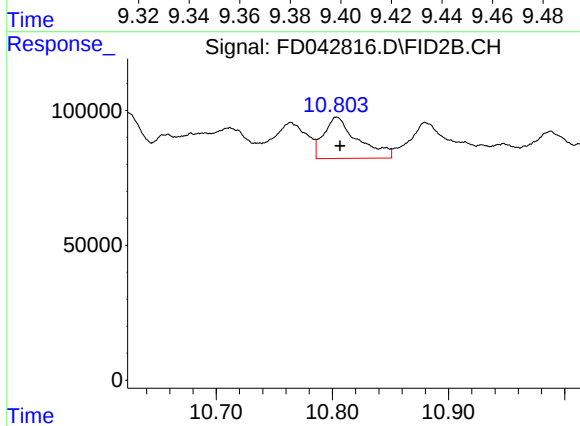
#7 Acenaphthene (C15.5)

R.T.: 8.613 min
Delta R.T.: -0.016 min
Response: 218162
Conc: 1.27 ug/ml



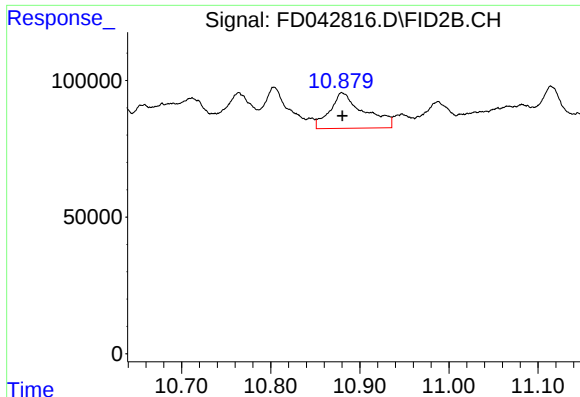
#8 Flouorene (C16.55)

R.T.: 9.409 min
Delta R.T.: 0.000 min
Response: 125726
Conc: 0.75 ug/ml



#9 Phenanthrene (C19.36)

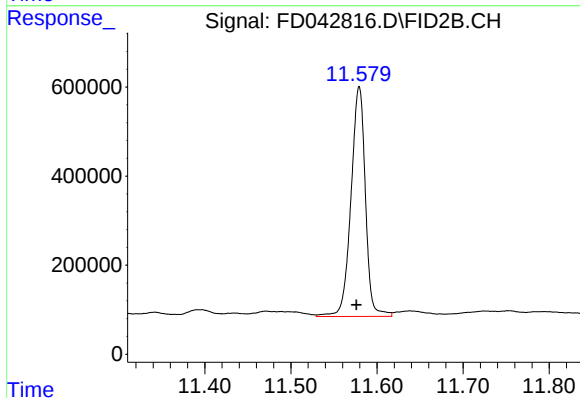
R.T.: 10.804 min
Delta R.T.: -0.003 min
Response: 310106
Conc: 1.89 ug/ml



#10 Anthracene (C19.43)

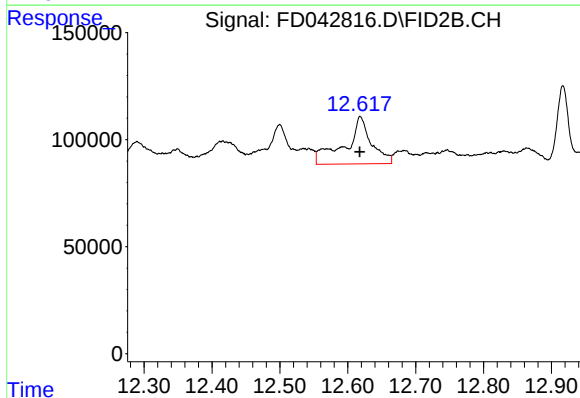
R.T.: 10.881 min
Delta R.T.: 0.000 min
Response: 347207
Conc: 2.27 ug/ml

Instrument :
FID_D
ClientSampleId :



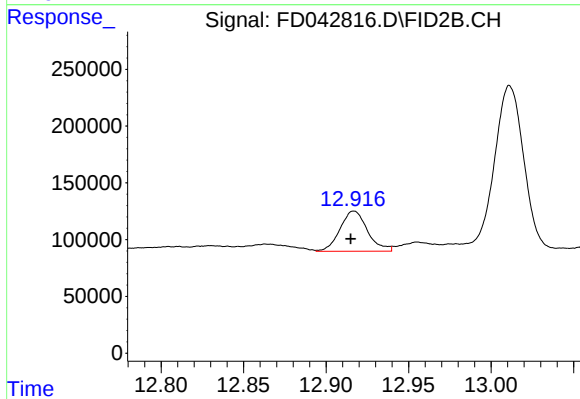
#11 ortho-Terphenyl (SURR)

R.T.: 11.579 min
Delta R.T.: 0.003 min
Response: 6009370
Conc: 33.85 ug/ml



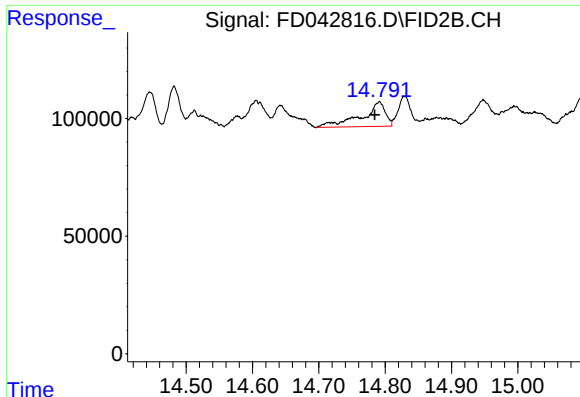
#12 Fluoranthene (C21.85)

R.T.: 12.619 min
Delta R.T.: 0.001 min
Response: 599937
Conc: 3.81 ug/ml



#13 Pyrene (C20.8)

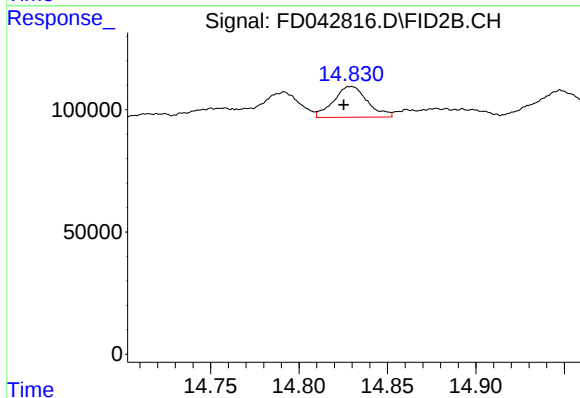
R.T.: 12.917 min
Delta R.T.: 0.002 min
Response: 412341
Conc: 2.65 ug/ml



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

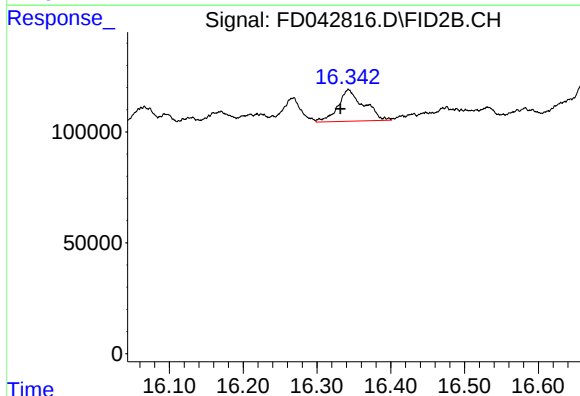
R.T.: 14.791 min
Delta R.T.: 0.006 min
Response: 262221
Conc: 1.97 ug/ml

Instrument :
FID_D
ClientSampleId :



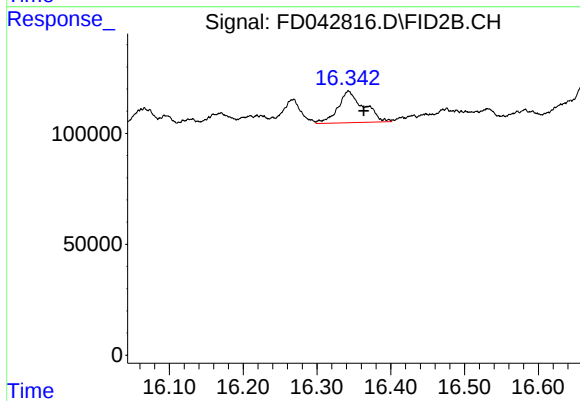
#15 Chrysene (C27.41)

R.T.: 14.829 min
Delta R.T.: 0.004 min
Response: 167441
Conc: 1.27 ug/ml



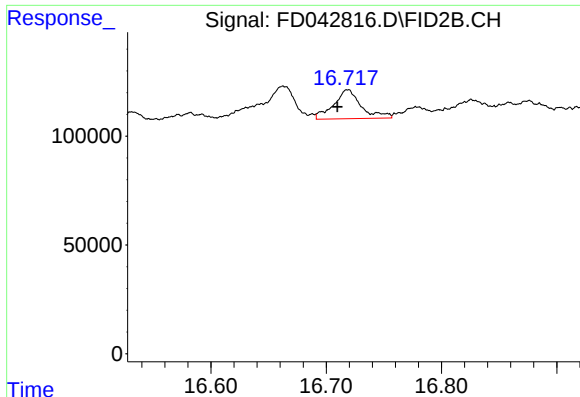
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.343 min
Delta R.T.: 0.011 min
Response: 347404
Conc: 2.61 ug/ml



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

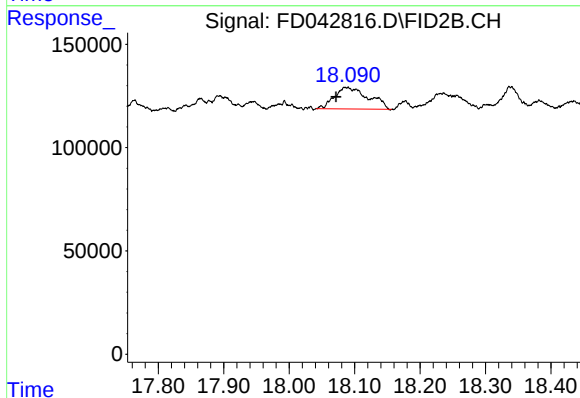
R.T.: 16.343 min
Delta R.T.: -0.020 min
Response: 347404
Conc: 2.80 ug/ml



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

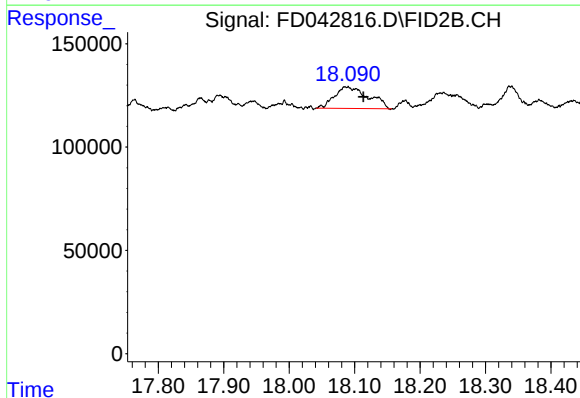
R.T.: 16.719 min
Delta R.T.: 0.009 min
Response: 221133
Conc: 1.79 ug/ml

Instrument :
FID_D
ClientSampleId :



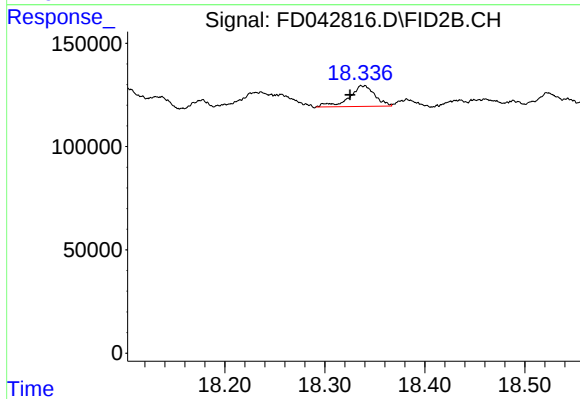
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.087 min
Delta R.T.: 0.016 min
Response: 374492
Conc: 3.36 ug/ml



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

R.T.: 18.087 min
Delta R.T.: -0.026 min
Response: 374492
Conc: 3.37 ug/ml



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

R.T.: 18.339 min
Delta R.T.: 0.013 min
Response: 179021
Conc: 1.51 ug/ml