

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061822AR\
 Data File : FD042959.D
 Signal(s) : FID2B.CH
 Acq On : 18 Jun 2022 22:25
 Operator : UA/NP
 Sample : N3213-06
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 20 02:46:37 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...	7.670	9525540	62.336 ug/ml
Spiked Amount 50.000		Recovery =	124.67%
6) S 2-Fluorobiphenyl (SURR)	8.543	4622258	44.944 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	89.89%
11) S ortho-Terphenyl (SURR)	11.573	2055851	11.581 ug/ml
Spiked Amount 50.000		Recovery =	23.16%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.448	405357	2.421 ug/ml
2) T Naphthalene (C11.7)	5.996	1051003	6.079 ug/ml
3) T 2-Methylnaphthalene (...)	7.062	14930522	93.627 ug/ml
5) T Acenaphthylene (C15.06)	8.329	5306953	30.716 ug/ml
7) T Acenaphthene (C15.5)	8.628	3957719	23.001 ug/ml
8) T Flouorene (C16.55)	9.424	2302375	13.714 ug/ml
9) T Phenanthrene (C19.36)	10.797	6239240	37.942 ug/ml
10) T Anthracene (C19.43)	10.908	5505975	36.024 ug/ml
12) T Fluoranthene (C21.85)	12.617	6464505	41.032 ug/ml
13) T Pyrene (C20.8)	12.913	6010582	38.607 ug/ml
14) T Benzo[a]anthracene (C...	14.794	1133949	8.505 ug/ml
15) T Chrysene (C27.41)	14.827	2455393	18.585 ug/ml
16) T benzo[b]fluoranthene ...	16.330	3499976	26.273 ug/ml
17) T Bnezo[k]fluoranthene ...	16.330	3499976	28.258 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.737	4597417	37.145 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.064	342084	3.069 ug/ml
20) T Dibenz[a,h]anthracene...	18.115	541309	4.866 ug/ml
21) T Benzo[g,h,i]perylene ...	18.344	58868	0.495 ug/ml

(f)=RT Delta > 1/2 Window

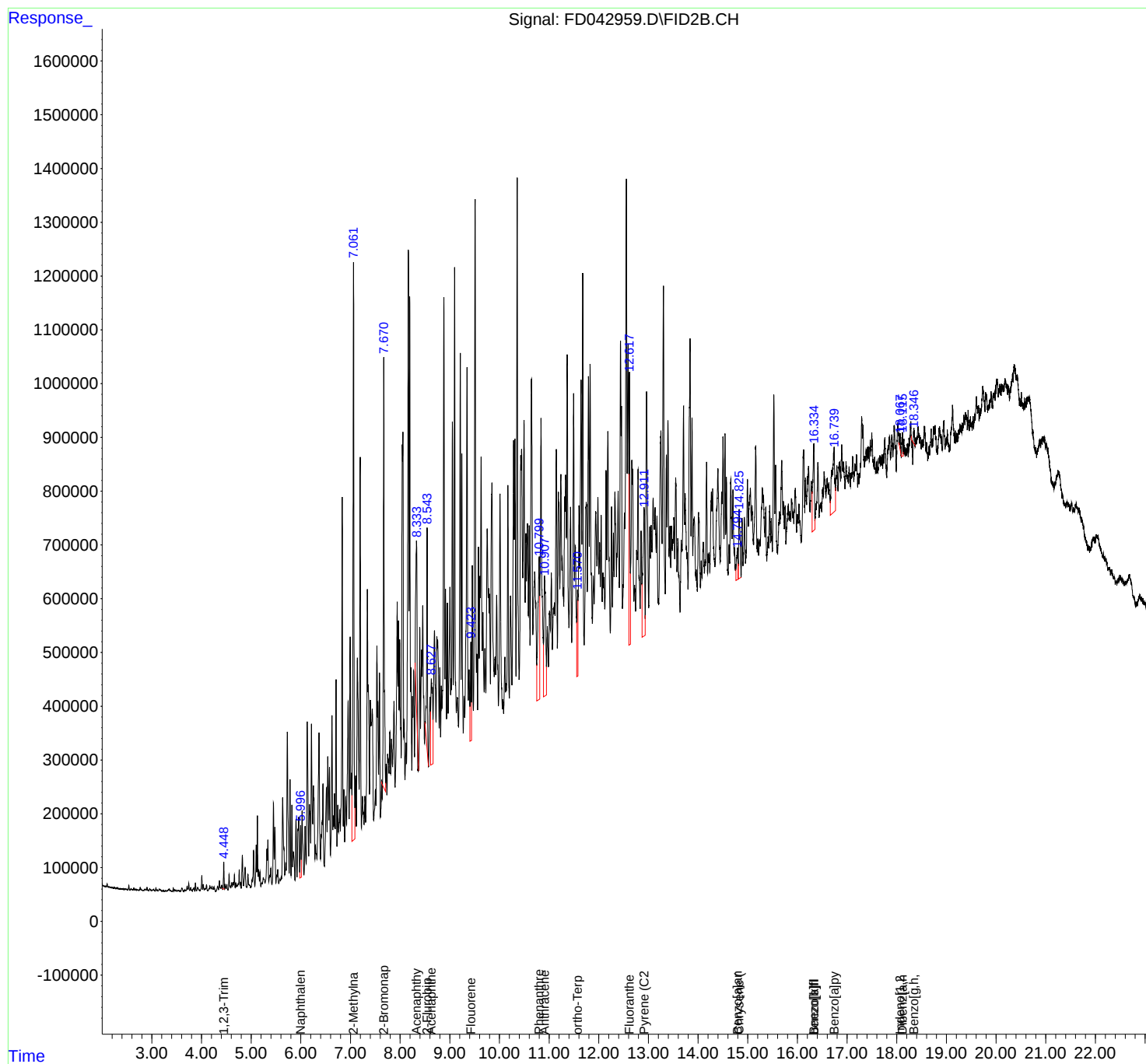
(m)=manual int.

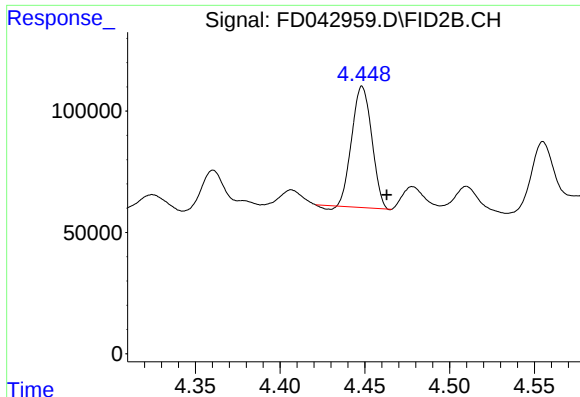
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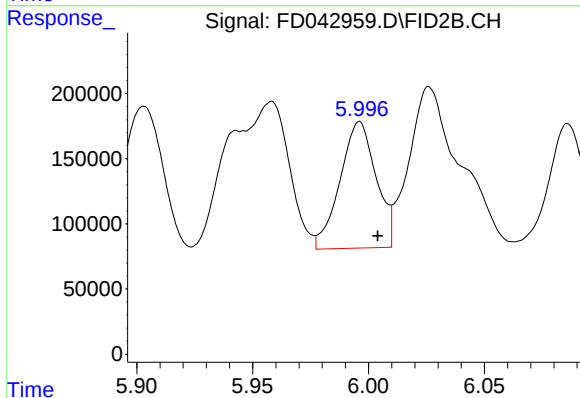




#1 1,2,3-Trimethylbenzene (C10.1)

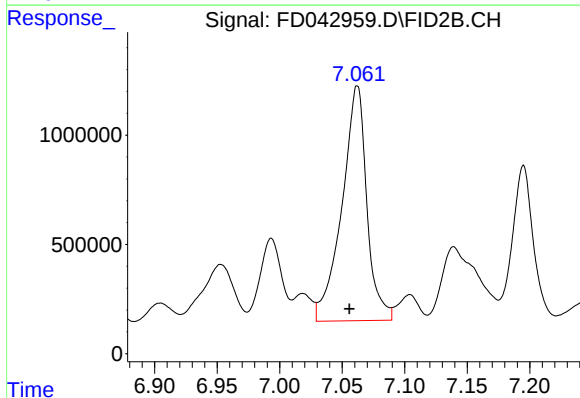
R.T.: 4.448 min
Delta R.T.: -0.015 min
Response: 405357
Conc: 2.42 ug/ml

Instrument :
FID_D
ClientSampleId :



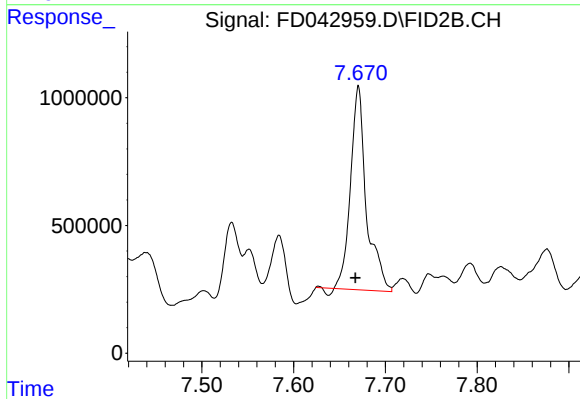
#2 Naphthalene (C11.7)

R.T.: 5.996 min
Delta R.T.: -0.008 min
Response: 1051003
Conc: 6.08 ug/ml



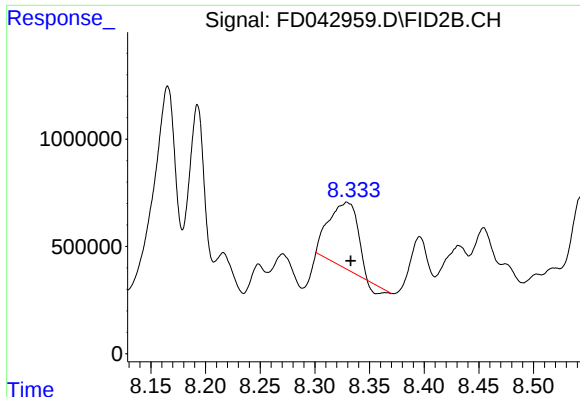
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.062 min
Delta R.T.: 0.006 min
Response: 14930522
Conc: 93.63 ug/ml



#4 2-Bromonaphthalene (SURR)

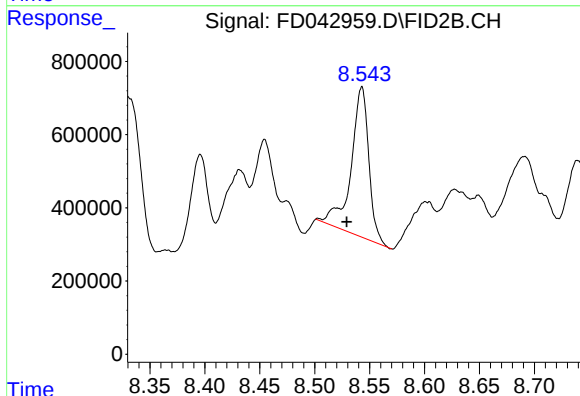
R.T.: 7.670 min
Delta R.T.: 0.003 min
Response: 9525540
Conc: 62.34 ug/ml



#5 Acenaphthylene (C15.06)

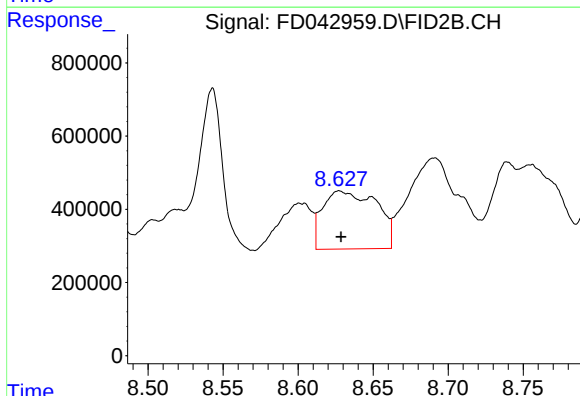
R.T.: 8.329 min
Delta R.T.: -0.004 min
Response: 5306953
Conc: 30.72 ug/ml

Instrument :
FID_D
ClientSampleId :



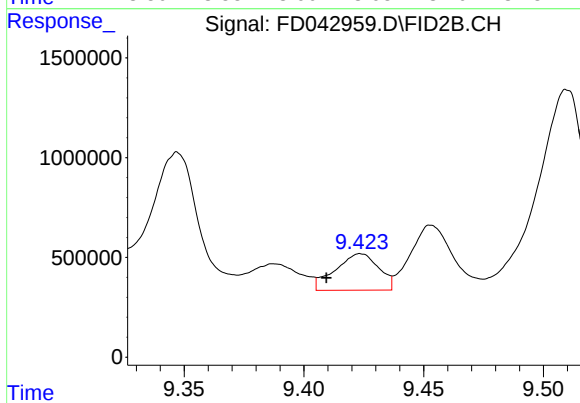
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.543 min
Delta R.T.: 0.013 min
Response: 4622258
Conc: 44.94 ug/ml



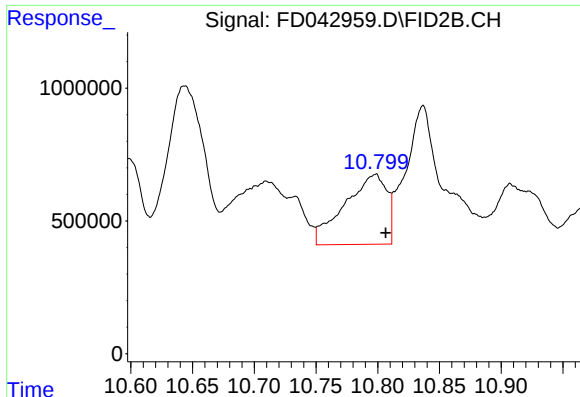
#7 Acenaphthene (C15.5)

R.T.: 8.628 min
Delta R.T.: 0.000 min
Response: 3957719
Conc: 23.00 ug/ml



#8 Flouorene (C16.55)

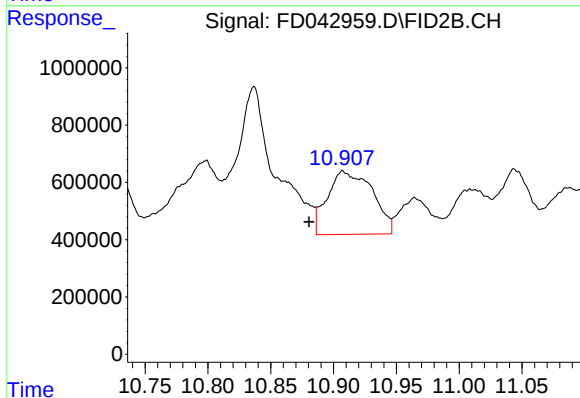
R.T.: 9.424 min
Delta R.T.: 0.014 min
Response: 2302375
Conc: 13.71 ug/ml



#9 Phenanthrene (C19.36)

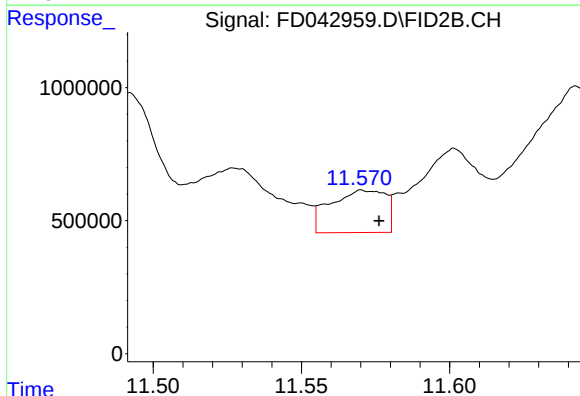
R.T.: 10.797 min
Delta R.T.: -0.009 min
Response: 6239240
Conc: 37.94 ug/ml

Instrument :
FID_D
ClientSampleId :



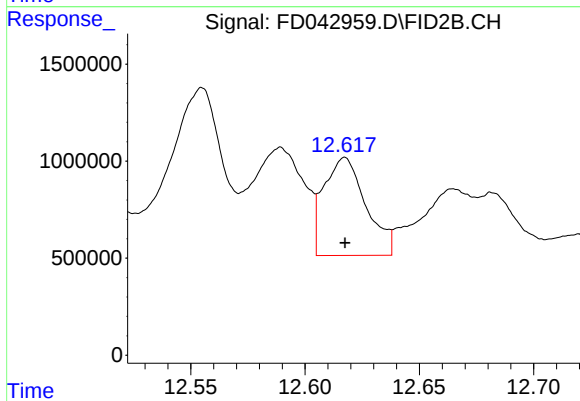
#10 Anthracene (C19.43)

R.T.: 10.908 min
Delta R.T.: 0.028 min
Response: 5505975
Conc: 36.02 ug/ml



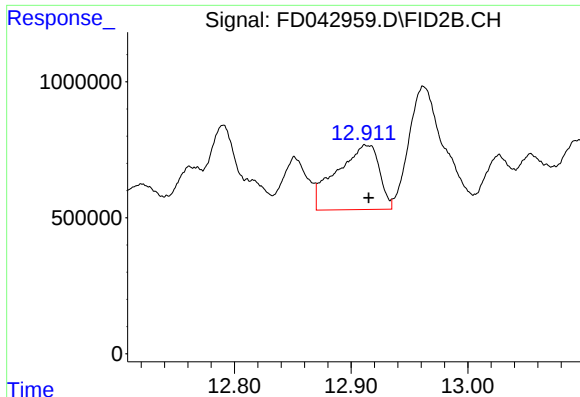
#11 ortho-Terphenyl (SURR)

R.T.: 11.573 min
Delta R.T.: -0.004 min
Response: 2055851
Conc: 11.58 ug/ml



#12 Fluoranthene (C21.85)

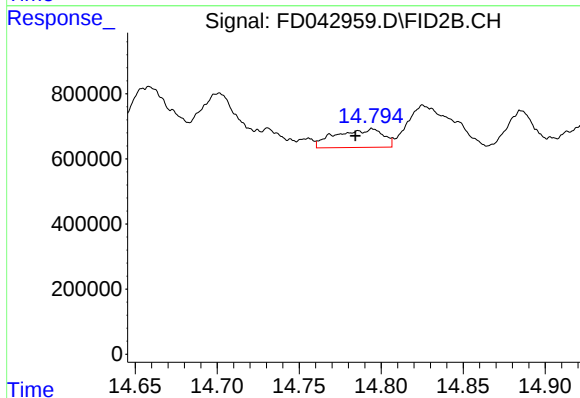
R.T.: 12.617 min
Delta R.T.: 0.000 min
Response: 6464505
Conc: 41.03 ug/ml



#13 Pyrene (C20.8)

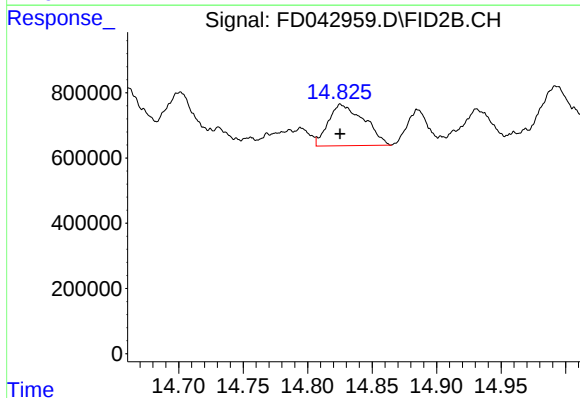
R.T.: 12.913 min
Delta R.T.: -0.002 min
Response: 6010582
Conc: 38.61 ug/ml

Instrument :
FID_D
ClientSampleId :



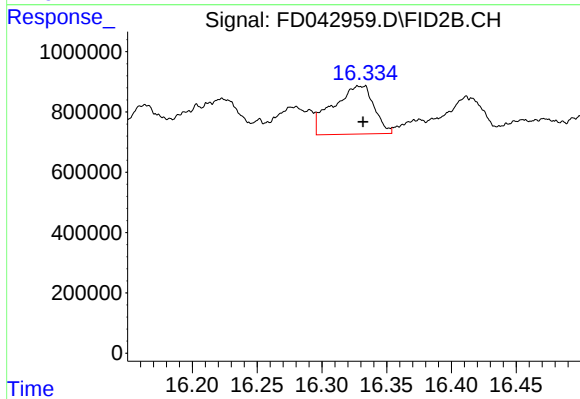
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.794 min
Delta R.T.: 0.010 min
Response: 1133949
Conc: 8.50 ug/ml



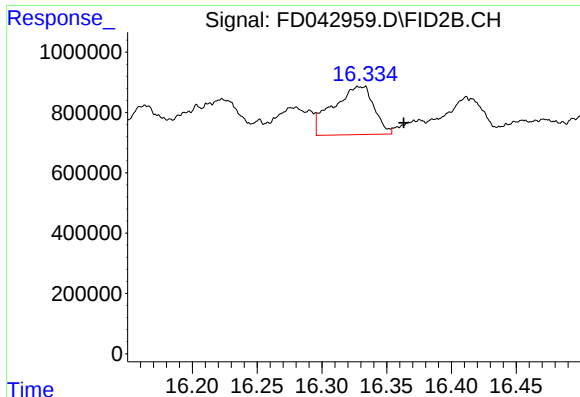
#15 Chrysene (C27.41)

R.T.: 14.827 min
Delta R.T.: 0.001 min
Response: 2455393
Conc: 18.58 ug/ml



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

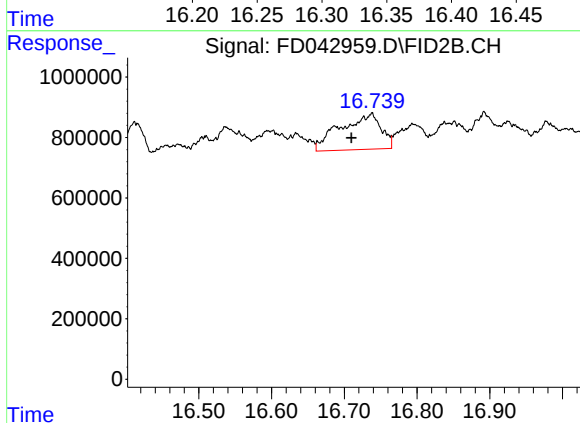
R.T.: 16.330 min
Delta R.T.: -0.002 min
Response: 3499976
Conc: 26.27 ug/ml



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

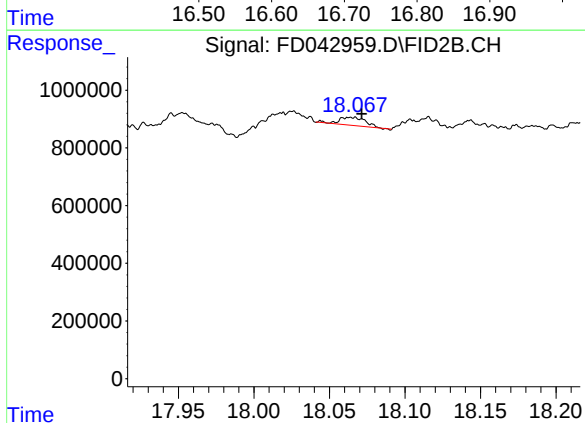
R.T.: 16.330 min
Delta R.T.: -0.033 min
Response: 3499976
Conc: 28.26 ug/ml

Instrument :
FID_D
ClientSampleId :



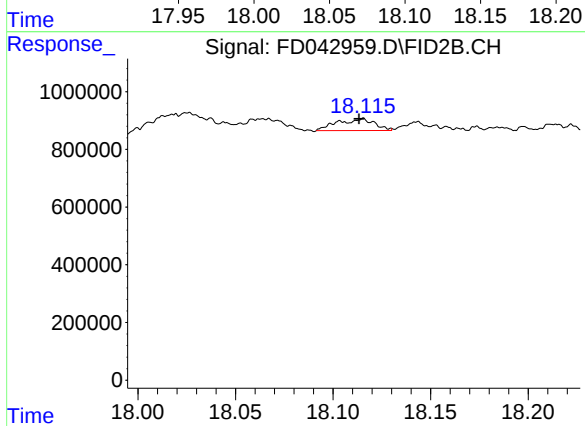
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.737 min
Delta R.T.: 0.028 min
Response: 4597417
Conc: 37.14 ug/ml



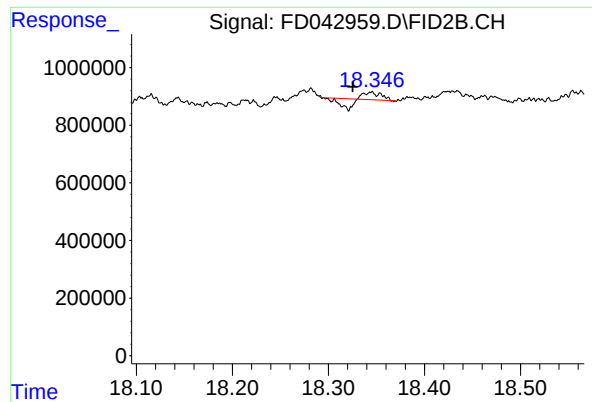
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.064 min
Delta R.T.: -0.007 min
Response: 342084
Conc: 3.07 ug/ml



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

R.T.: 18.115 min
Delta R.T.: 0.001 min
Response: 541309
Conc: 4.87 ug/ml



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

R.T.: 18.344 min
Delta R.T.: 0.019 min
Response: 58868
Conc: 0.50 ug/ml

Instrument :
FID_D
ClientSampleId :