

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061422AR\
 Data File : FD042900.D
 Signal(s) : FID2B.CH
 Acq On : 14 Jun 2022 19:53
 Operator : UA/NP
 Sample : N3209-06
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 15 01:48:59 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...	7.660	4774038	31.241 ug/ml
Spiked Amount 50.000		Recovery =	62.48%
6) S 2-Fluorobiphenyl (SURR)	8.526	2590966	25.193 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	50.39%
11) S ortho-Terphenyl (SURR)	11.576	5832164	32.853 ug/ml
Spiked Amount 50.000		Recovery =	65.71%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.449	59868	0.358 ug/ml
2) T Naphthalene (C11.7)	5.985	254924	1.474 ug/ml
3) T 2-Methylnaphthalene (...)	7.053	1508257	9.458 ug/ml
5) T Acenaphthylene (C15.06)	8.382	207803	1.203 ug/ml
7) T Acenaphthene (C15.5)	8.637	320561	1.863 ug/ml
8) T Flouorene (C16.55)	9.410	733761	4.371 ug/ml
9) T Phenanthrene (C19.36)	10.805	1562905	9.504 ug/ml
10) T Anthracene (C19.43)	10.887	1117902	7.314 ug/ml
12) T Fluoranthene (C21.85)	12.619	188132	1.194 ug/ml
13) T Pyrene (C20.8)	12.915	239168	1.536 ug/ml
14) T Benzo[a]anthracene (C...	14.788	182465	1.368 ug/ml
15) T Chrysene (C27.41)	14.829	147667	1.118 ug/ml
16) T benzo[b]fluoranthene ...	16.340	319372	2.397 ug/ml
17) T Bnezo[k]fluoranthene ...	16.340	319372	2.579 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.716	271278	2.192 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.082	123916	1.112 ug/ml
20) T Dibenz[a,h]anthracene...	18.082	123916	1.114 ug/ml
21) T Benzo[g,h,i]perylene ...	18.337	112212	0.944 ug/ml

(f)=RT Delta > 1/2 Window

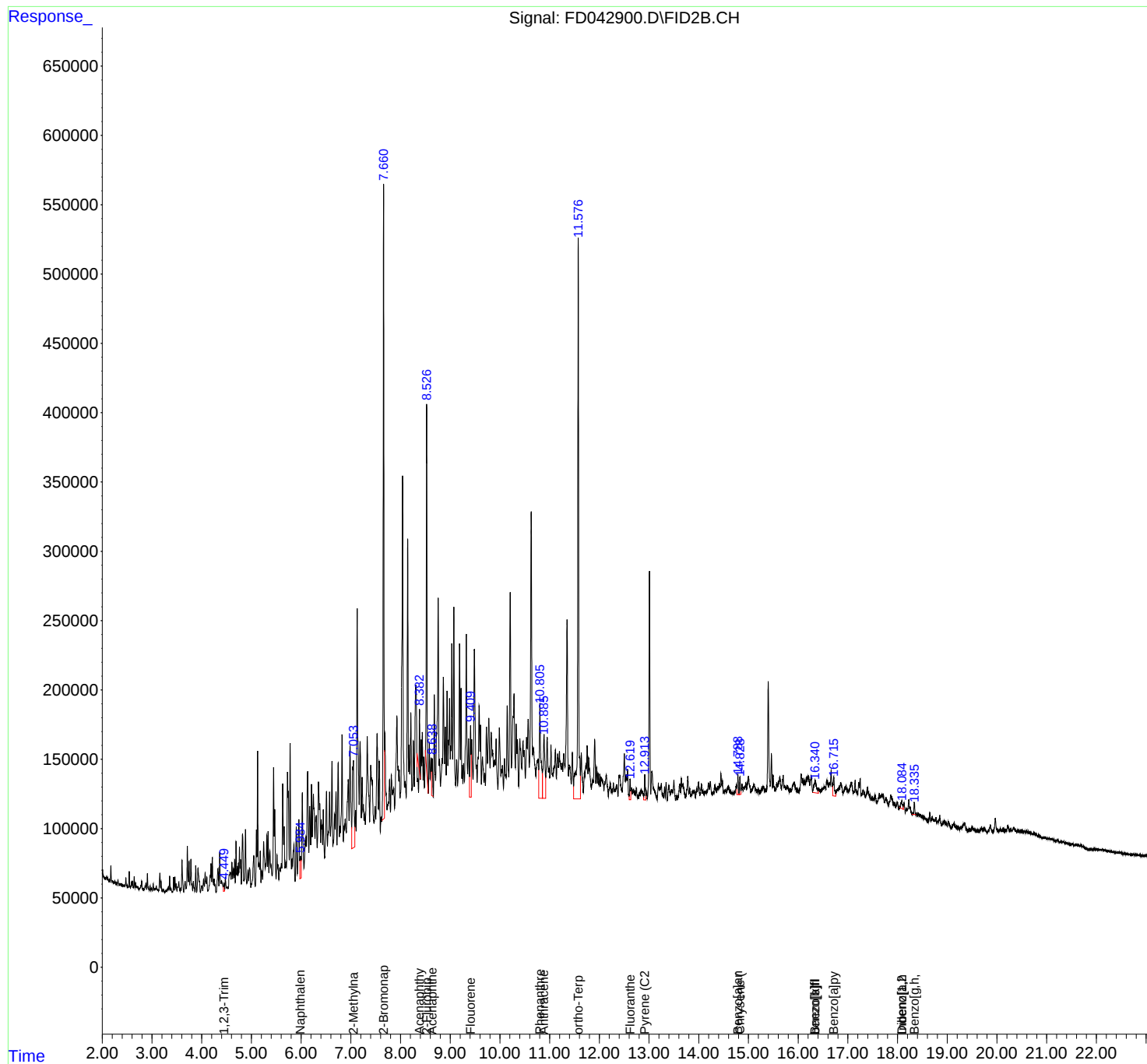
(m)=manual int.

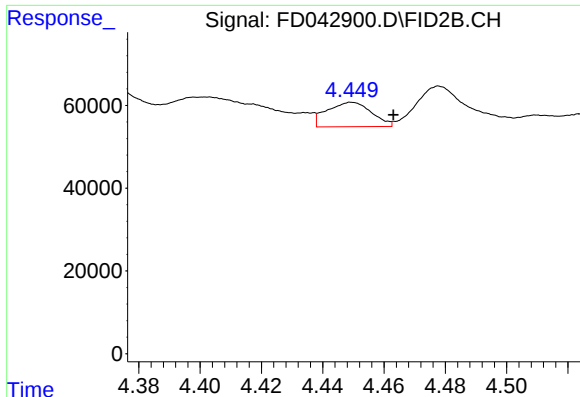
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Signal Info : 20M x 0.18mm x 0.18µm

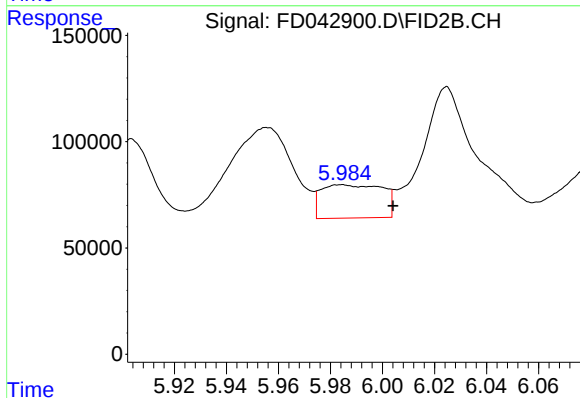




#1 1,2,3-Trimethylbenzene (C10.1)

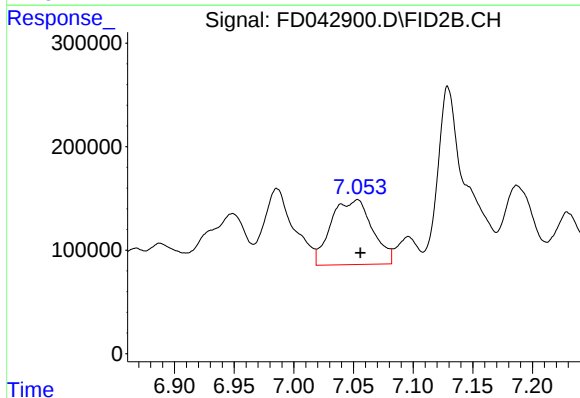
R.T.: 4.449 min
Delta R.T.: -0.014 min
Response: 59868
Conc: 0.36 ug/ml

Instrument :
FID_D
ClientSampleId :



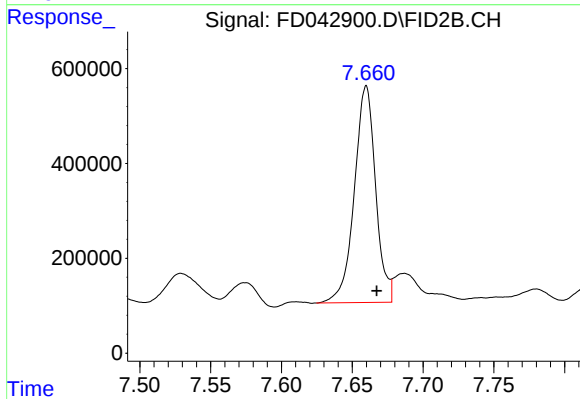
#2 Naphthalene (C11.7)

R.T.: 5.985 min
Delta R.T.: -0.019 min
Response: 254924
Conc: 1.47 ug/ml



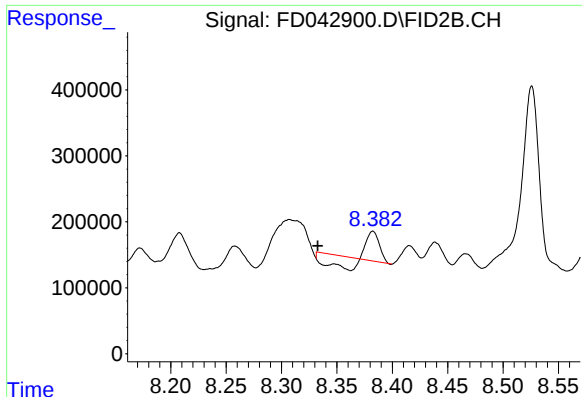
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.053 min
Delta R.T.: -0.003 min
Response: 1508257
Conc: 9.46 ug/ml



#4 2-Bromonaphthalene (SURR)

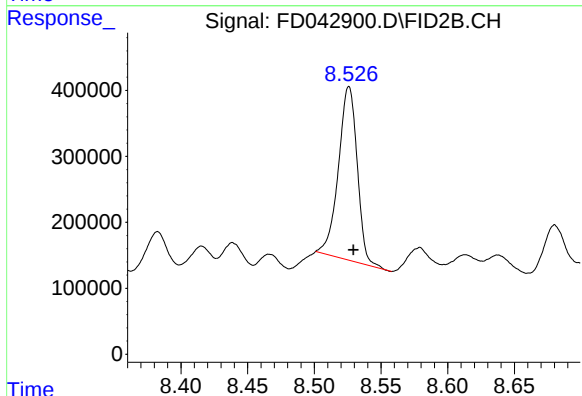
R.T.: 7.660 min
Delta R.T.: -0.008 min
Response: 4774038
Conc: 31.24 ug/ml



#5 Acenaphthylene (C15.06)

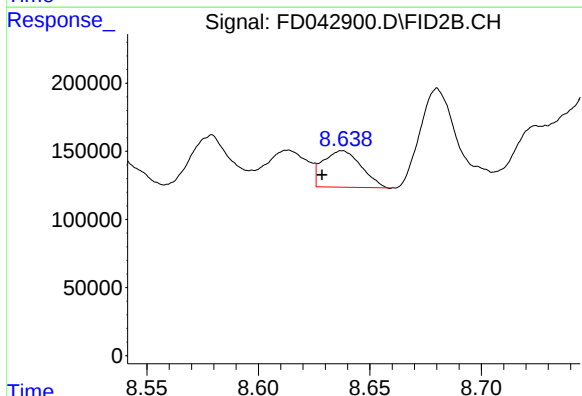
R.T.: 8.382 min
Delta R.T.: 0.050 min
Response: 207803
Conc: 1.20 ug/ml

Instrument :
FID_D
ClientSampleId :



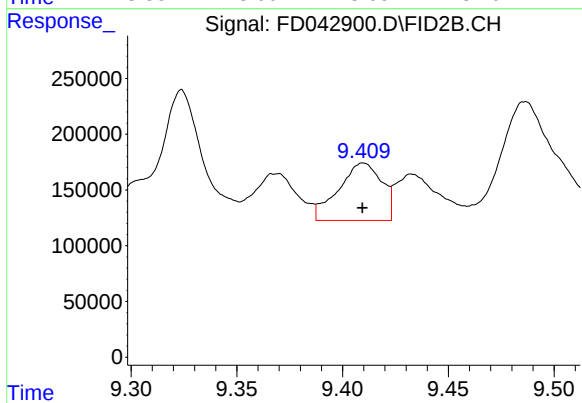
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.526 min
Delta R.T.: -0.003 min
Response: 2590966
Conc: 25.19 ug/ml



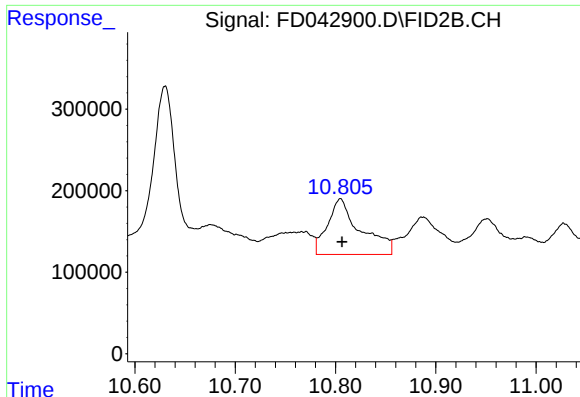
#7 Acenaphthene (C15.5)

R.T.: 8.637 min
Delta R.T.: 0.009 min
Response: 320561
Conc: 1.86 ug/ml



#8 Fluorene (C16.55)

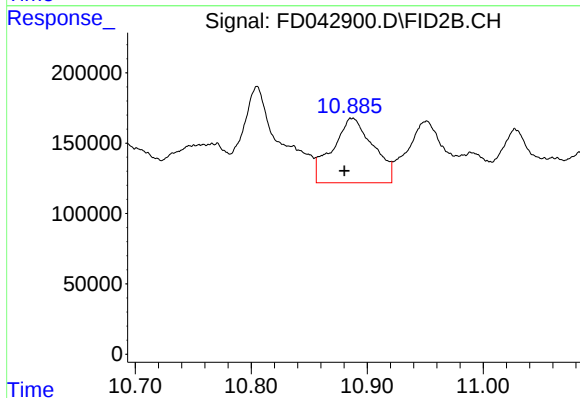
R.T.: 9.410 min
Delta R.T.: 0.000 min
Response: 733761
Conc: 4.37 ug/ml



#9 Phenanthrene (C19.36)

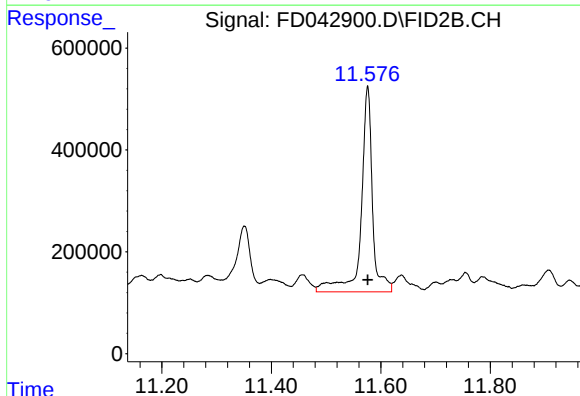
R.T.: 10.805 min
Delta R.T.: -0.002 min
Response: 1562905
Conc: 9.50 ug/ml

Instrument :
FID_D
ClientSampleId :



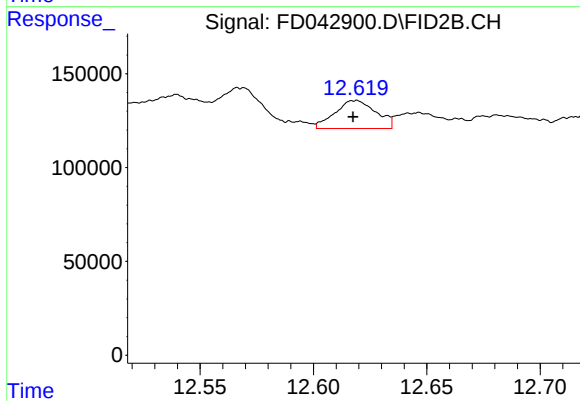
#10 Anthracene (C19.43)

R.T.: 10.887 min
Delta R.T.: 0.007 min
Response: 1117902
Conc: 7.31 ug/ml



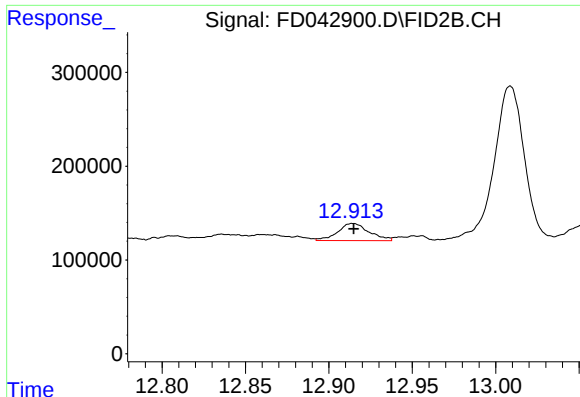
#11 ortho-Terphenyl (SURR)

R.T.: 11.576 min
Delta R.T.: 0.000 min
Response: 5832164
Conc: 32.85 ug/ml



#12 Fluoranthene (C21.85)

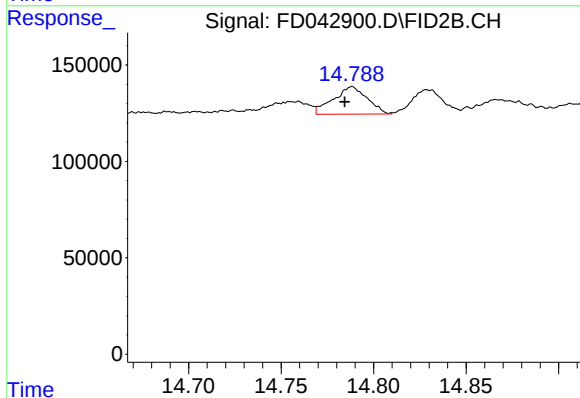
R.T.: 12.619 min
Delta R.T.: 0.001 min
Response: 188132
Conc: 1.19 ug/ml



#13 Pyrene (C20.8)

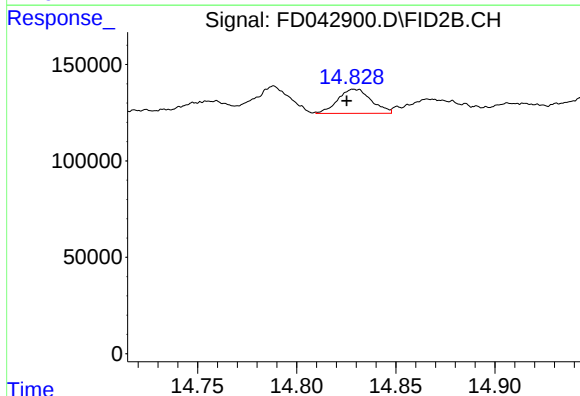
R.T.: 12.915 min
Delta R.T.: 0.000 min
Response: 239168
Conc: 1.54 ug/ml

Instrument :
FID_D
ClientSampleId :



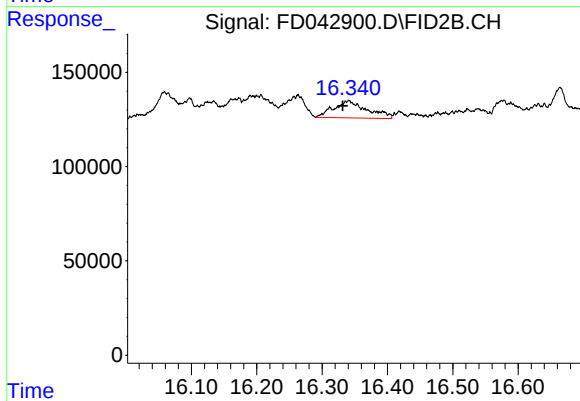
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.788 min
Delta R.T.: 0.004 min
Response: 182465
Conc: 1.37 ug/ml



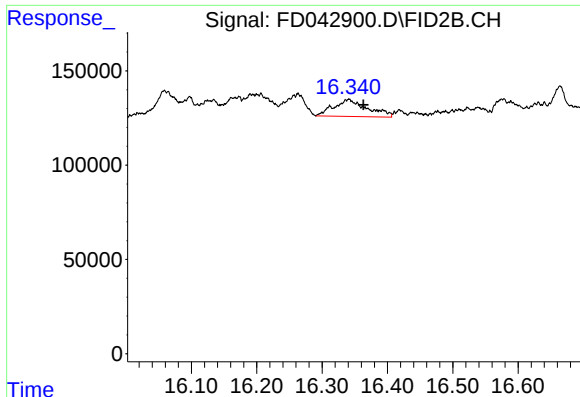
#15 Chrysene (C27.41)

R.T.: 14.829 min
Delta R.T.: 0.004 min
Response: 147667
Conc: 1.12 ug/ml



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

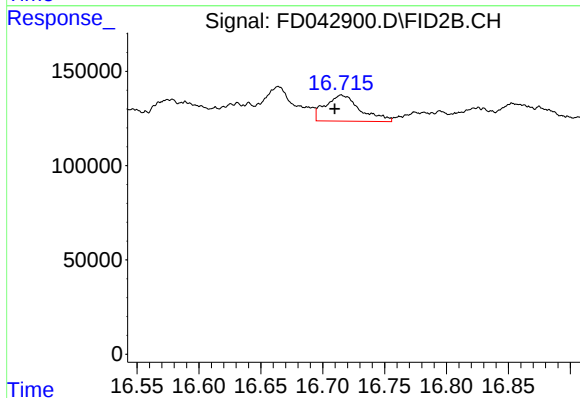
R.T.: 16.340 min
Delta R.T.: 0.009 min
Response: 319372
Conc: 2.40 ug/ml



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

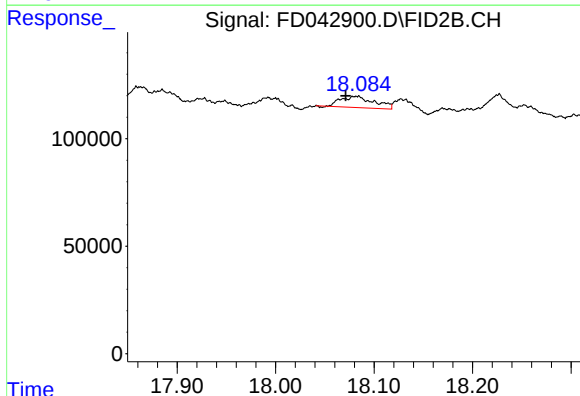
R.T.: 16.340 min
Delta R.T.: -0.023 min
Response: 319372
Conc: 2.58 ug/ml

Instrument :
FID_D
ClientSampleId :



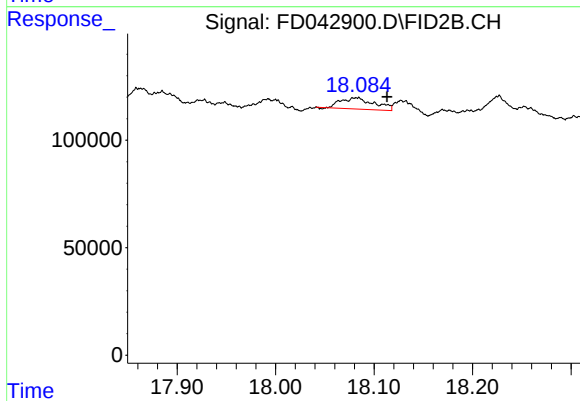
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.716 min
Delta R.T.: 0.006 min
Response: 271278
Conc: 2.19 ug/ml



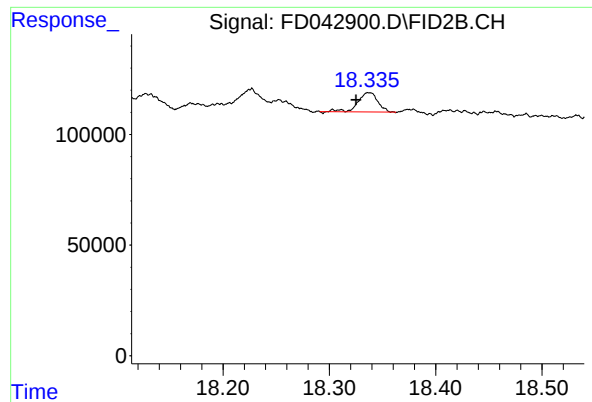
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.082 min
Delta R.T.: 0.010 min
Response: 123916
Conc: 1.11 ug/ml



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

R.T.: 18.082 min
Delta R.T.: -0.031 min
Response: 123916
Conc: 1.11 ug/ml



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

R.T.: 18.337 min
Delta R.T.: 0.012 min
Response: 112212
Conc: 0.94 ug/ml

Instrument :

FID_D

ClientSampleId :