

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD123021AR\
 Data File : FD040314.D
 Signal(s) : FID2B.CH
 Acq On : 30 Dec 2021 23:06
 Operator : AJ\MA
 Sample : M5257-01
 Misc :
 ALS Vial : 85 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 31 03:43:59 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 123021.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 30 16:15:14 2021
 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...	6.812	6836040	52.026 ug/ml
Spiked Amount 50.000		Recovery =	104.05%
6) S 2-Fluorobiphenyl (SURR)	7.661	4514340	53.166 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	106.33%
11) S ortho-Terphenyl (SURR)	10.696	4570303	32.708 ug/ml
Spiked Amount 50.000		Recovery =	65.42%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.662	988016	6.569 ug/ml
2) T Naphthalene (C11.7)	5.162	202309	1.341 ug/ml
3) T 2-Methylnaphthalene (...)	6.204	95968	0.639 ug/ml
5) T Acenaphthylene (C15.06)	7.502	93688	0.688 ug/ml
7) T Acenaphthene (C15.5)	7.758	69381	0.478 ug/ml
8) T Fluorene (C16.55)	8.536	115707	0.838 ug/ml
9) T Phenanthrene (C19.36)	9.919	596819	4.427 ug/ml
10) T Anthracene (C19.43)	9.995	124255	0.988 ug/ml
12) T Fluoranthene (C21.85)	11.722	893866	6.656 ug/ml
13) T Pyrene (C20.8)	12.014	769271	5.889 ug/ml
14) T Benzo[a]anthracene (C...	13.880	334260	2.861 ug/ml
15) T Chrysene (C27.41)	13.920	412631	3.300 ug/ml
16) T benzo[b]fluoranthene ...	15.424	528738	4.263 ug/ml
17) T Bnezo[k]fluoranthene ...	15.452	235402	1.894 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.798	339704	2.822 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.159	335227	2.888 ug/ml
20) T Dibenz[a,h]anthracene...	17.200	125958	1.108 ug/ml
21) T Benzo[g,h,i]perylene ...	17.408	319331	2.617 ug/ml

(f)=RT Delta > 1/2 Window

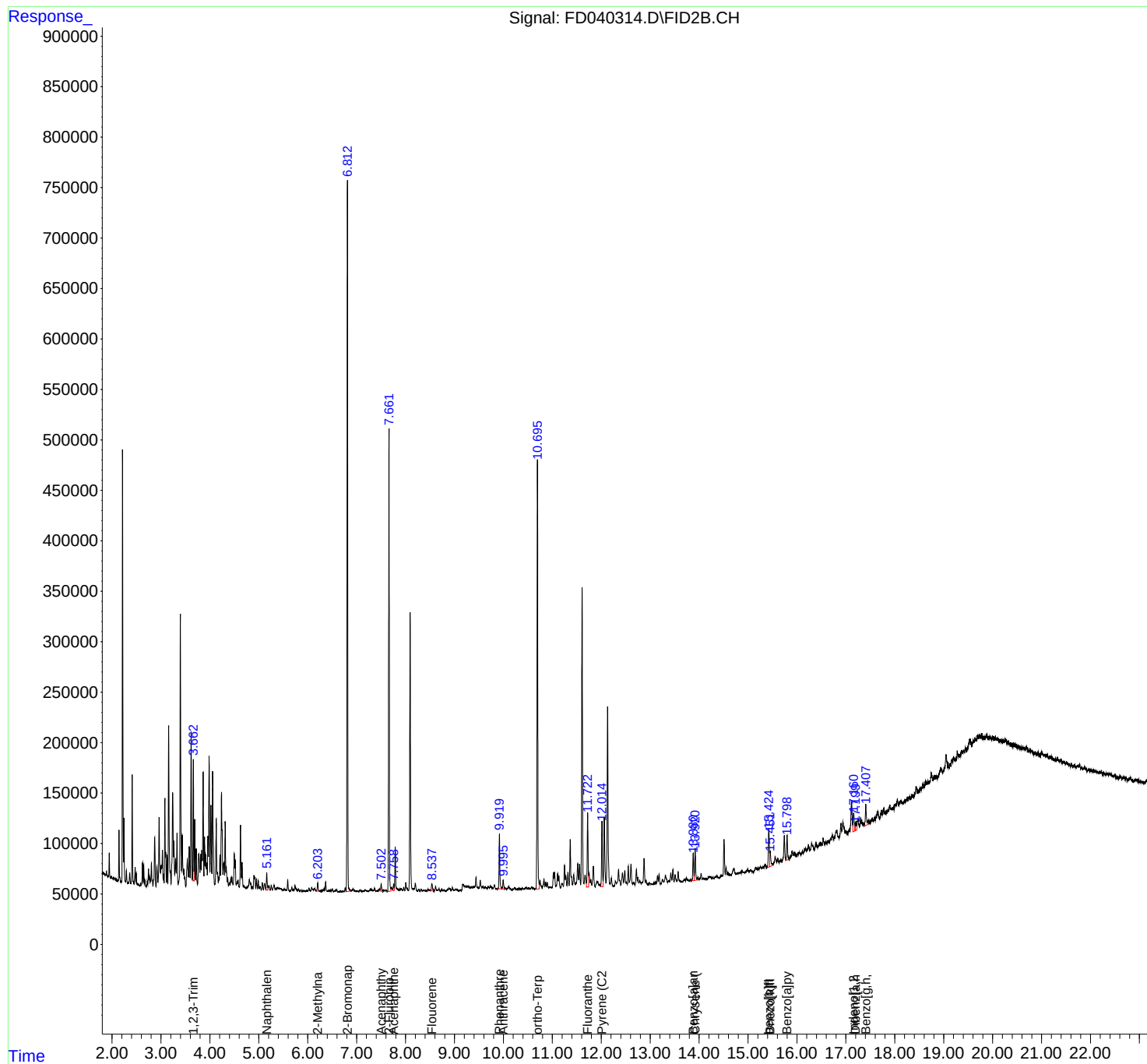
(m)=manual int.

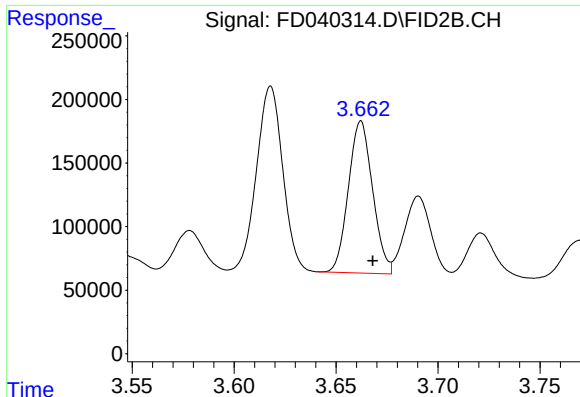
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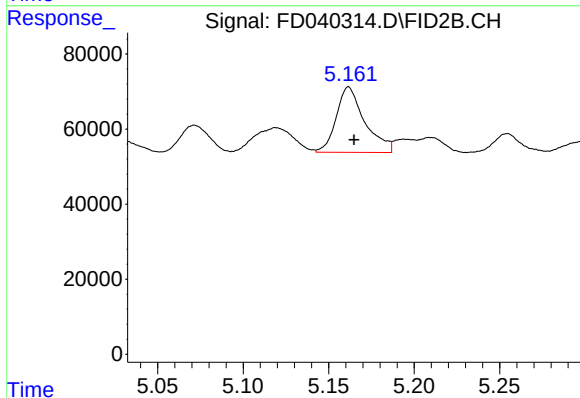




#1 1,2,3-Trimethylbenzene (C10.1)

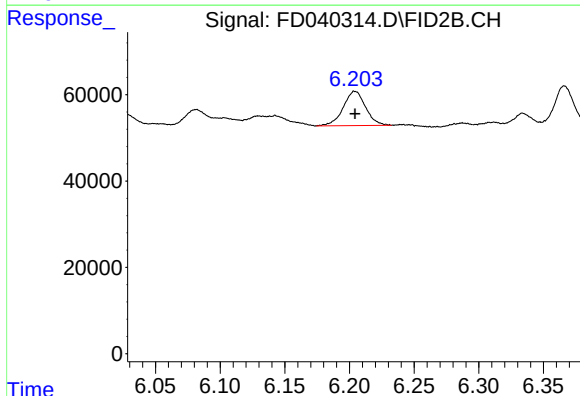
R.T.: 3.662 min
Delta R.T.: -0.006 min
Response: 988016
Conc: 6.57 ug/ml

Instrument :
FID_D
ClientSampleId :



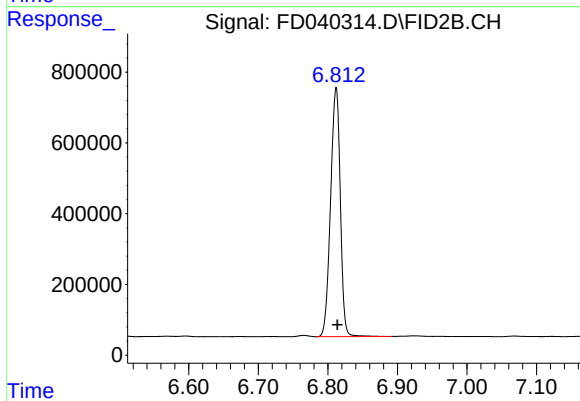
#2 Naphthalene (C11.7)

R.T.: 5.162 min
Delta R.T.: -0.003 min
Response: 202309
Conc: 1.34 ug/ml



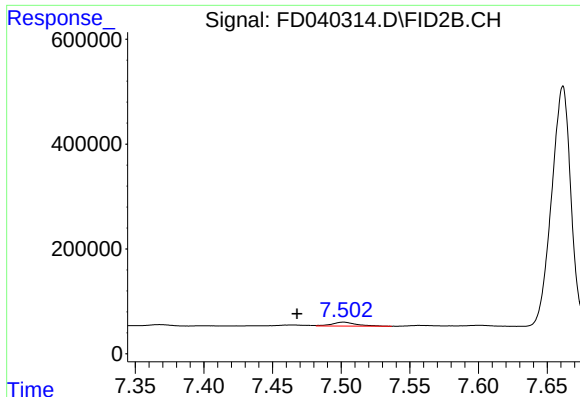
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 95968
Conc: 0.64 ug/ml



#4 2-Bromonaphthalene (SURR)

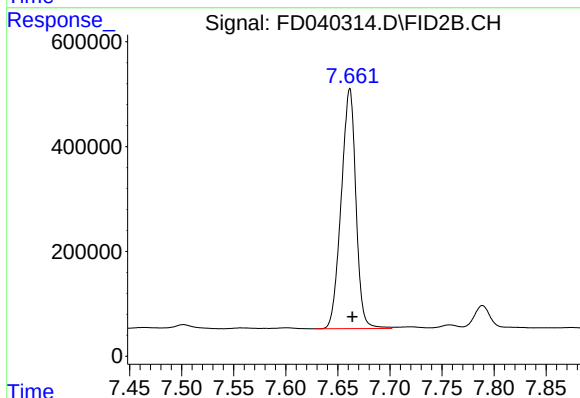
R.T.: 6.812 min
Delta R.T.: -0.002 min
Response: 6836040
Conc: 52.03 ug/ml



#5 Acenaphthylene (C15.06)

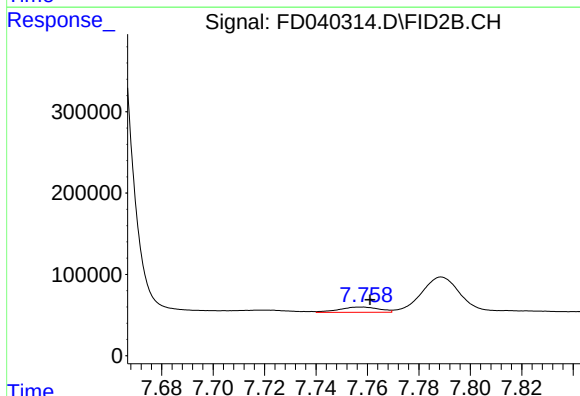
R.T.: 7.502 min
Delta R.T.: 0.034 min
Response: 93688
Conc: 0.69 ug/ml

Instrument :
FID_D
ClientSampleId :



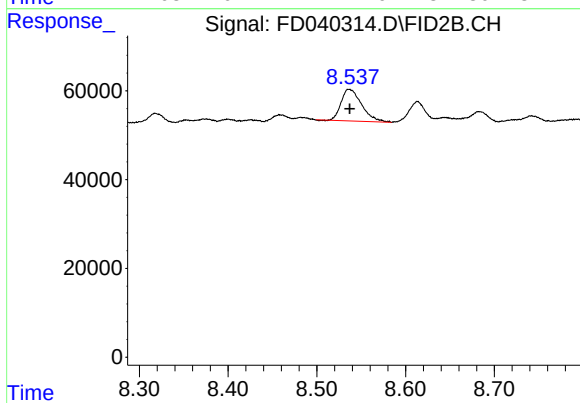
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.661 min
Delta R.T.: -0.003 min
Response: 4514340
Conc: 53.17 ug/ml



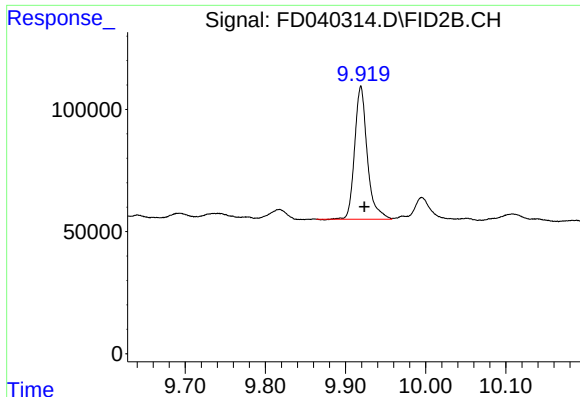
#7 Acenaphthene (C15.5)

R.T.: 7.758 min
Delta R.T.: -0.003 min
Response: 69381
Conc: 0.48 ug/ml



#8 Flouorene (C16.55)

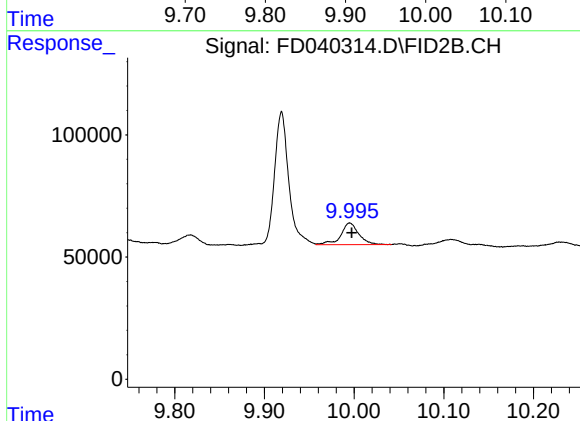
R.T.: 8.536 min
Delta R.T.: 0.000 min
Response: 115707
Conc: 0.84 ug/ml



#9 Phenanthrene (C19.36)

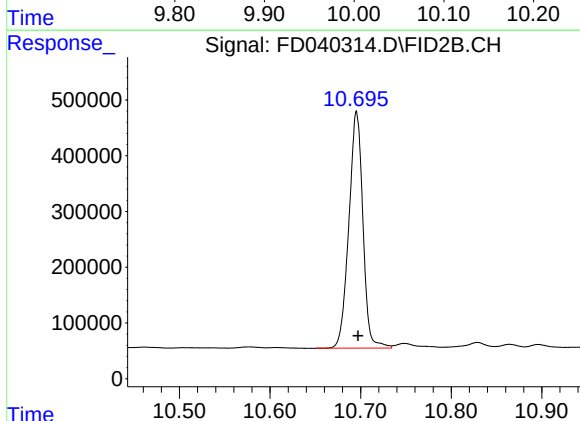
R.T.: 9.919 min
Delta R.T.: -0.005 min
Response: 596819
Conc: 4.43 ug/ml

Instrument :
FID_D
ClientSampleId :



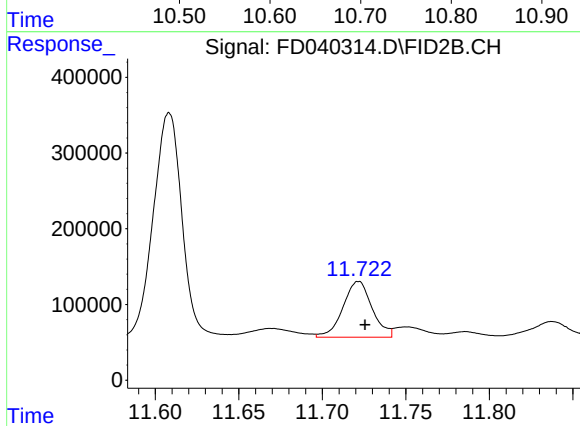
#10 Anthracene (C19.43)

R.T.: 9.995 min
Delta R.T.: -0.002 min
Response: 124255
Conc: 0.99 ug/ml



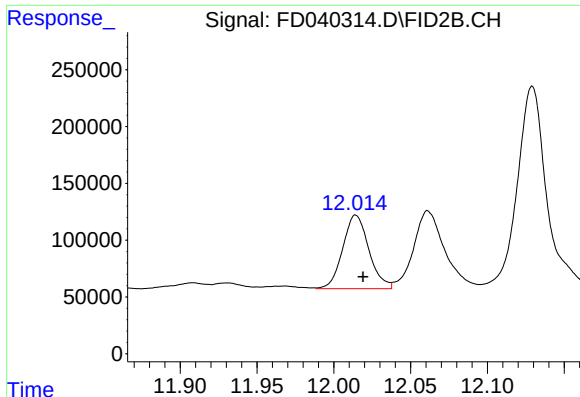
#11 ortho-Terphenyl (SURR)

R.T.: 10.696 min
Delta R.T.: -0.002 min
Response: 4570303
Conc: 32.71 ug/ml



#12 Fluoranthene (C21.85)

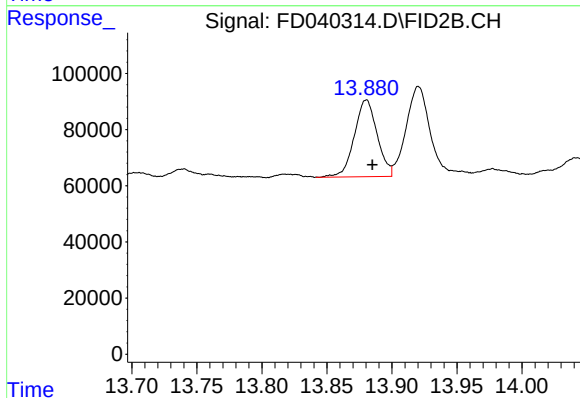
R.T.: 11.722 min
Delta R.T.: -0.004 min
Response: 893866
Conc: 6.66 ug/ml



#13 Pyrene (C20.8)

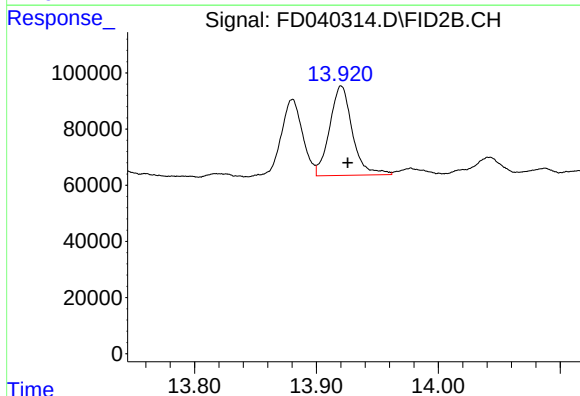
R.T.: 12.014 min
Delta R.T.: -0.005 min
Response: 769271
Conc: 5.89 ug/ml

Instrument :
FID_D
ClientSampleId :



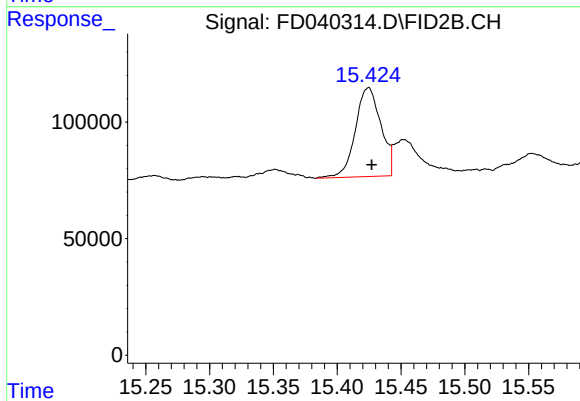
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.880 min
Delta R.T.: -0.005 min
Response: 334260
Conc: 2.86 ug/ml



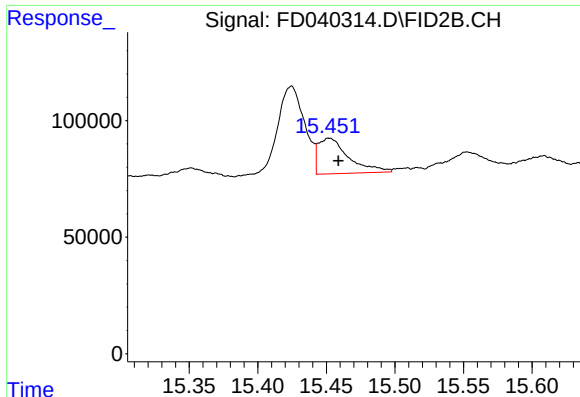
#15 Chrysene (C27.41)

R.T.: 13.920 min
Delta R.T.: -0.005 min
Response: 412631
Conc: 3.30 ug/ml



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

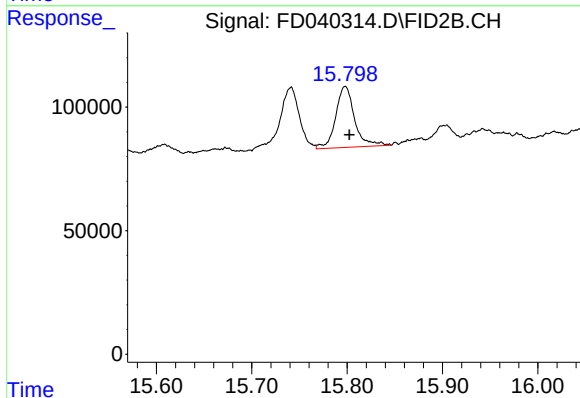
R.T.: 15.424 min
Delta R.T.: -0.003 min
Response: 528738
Conc: 4.26 ug/ml



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

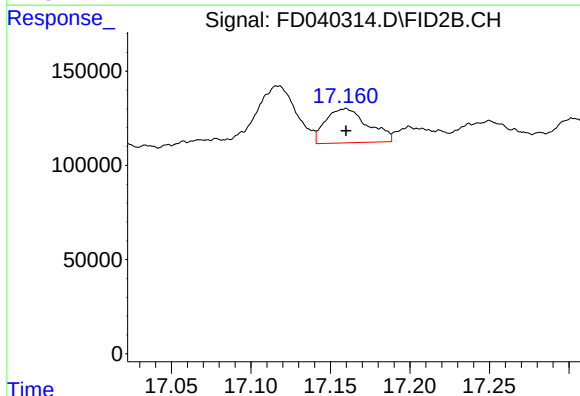
R.T.: 15.452 min
Delta R.T.: -0.007 min
Response: 235402
Conc: 1.89 ug/ml

Instrument :
FID_D
ClientSampleId :



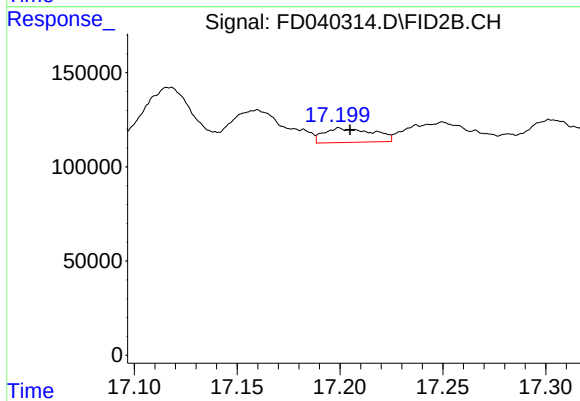
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.798 min
Delta R.T.: -0.005 min
Response: 339704
Conc: 2.82 ug/ml



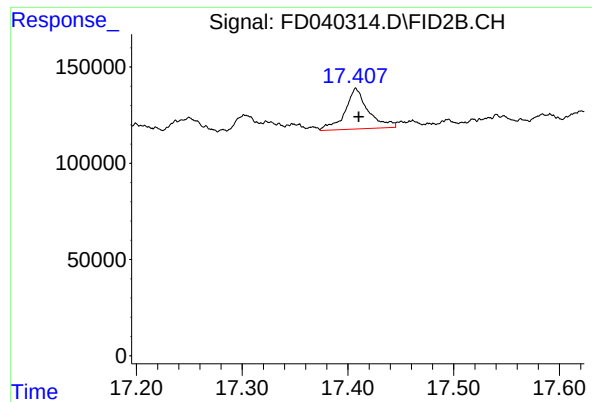
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.159 min
Delta R.T.: 0.000 min
Response: 335227
Conc: 2.89 ug/ml



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

R.T.: 17.200 min
Delta R.T.: -0.005 min
Response: 125958
Conc: 1.11 ug/ml



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

R.T.: 17.408 min
Delta R.T.: -0.003 min
Response: 319331
Conc: 2.62 ug/ml

Instrument :

FID_D

ClientSampleId :