

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042121AR\
 Data File : FD037072.D
 Signal(s) : FID2B.CH
 Acq On : 22 Apr 2021 10:17
 Operator : DD\AJ
 Sample : M2090-08
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 22 13:22:18 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042121.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 22 07:01:17 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...	7.575	5509073	46.593 ug/ml
Spiked Amount 50.000		Recovery =	93.19%
6) S 2-Fluorobiphenyl (SURR)	8.436	3643177	47.215 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	94.43%
11) S ortho-Terphenyl (SURR)	11.476	2388522	19.338 ug/ml
Spiked Amount 50.000		Recovery =	38.68%
Target Compounds			
2) T Naphthalene (C11.7)	5.912	66835	0.486 ug/ml
5) T Acenaphthylene (C15.06)	8.236	71776	0.574 ug/ml
7) T Acenaphthene (C15.5)	8.531	80347	0.622 ug/ml
8) T Fluorene (C16.55)	9.311	167054	1.364 ug/ml
9) T Phenanthrene (C19.36)	10.707	1341839	11.383 ug/ml
10) T Anthracene (C19.43)	10.779	272348	2.364 ug/ml
12) T Fluoranthene (C21.85)	12.517	1827622	15.671 ug/ml
13) T Pyrene (C20.8)	12.813	1416195	12.302 ug/ml
14) T Benzo[a]anthracene (C...	14.681	682765	6.204 ug/ml
15) T Chrysene (C27.41)	14.721	672751	5.943 ug/ml
16) T benzo[b]fluoranthene ...	16.232	826373	7.367 ug/ml
17) T Bnezo[k]fluoranthene ...	16.257	328217	3.047 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.607	611874	5.912 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.969	395708	3.720 ug/ml
20) T Dibenz[a,h]anthracene...	18.020	136950	1.311 ug/ml
21) T Benzo[g,h,i]perylene ...	18.221	350972	3.286 ug/ml

(f)=RT Delta > 1/2 Window

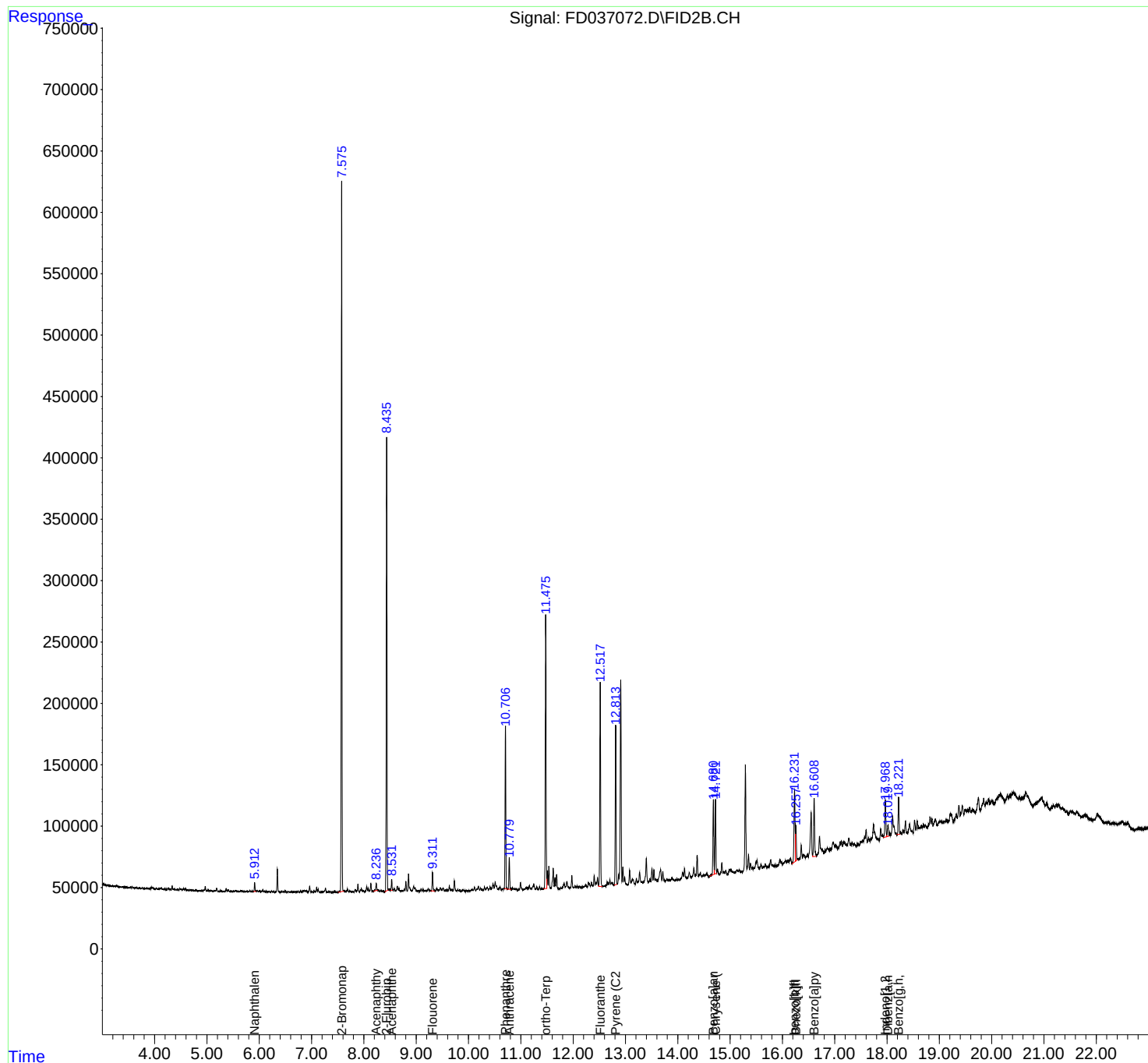
(m)=manual int.

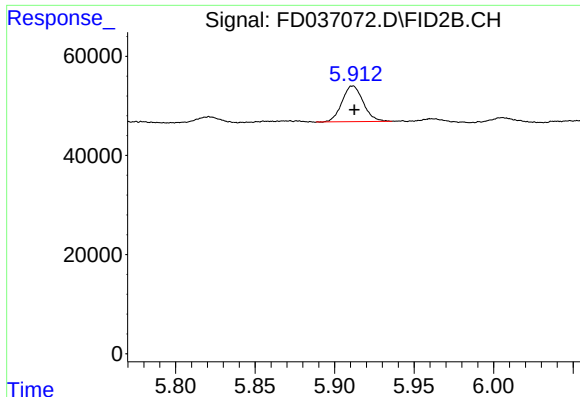
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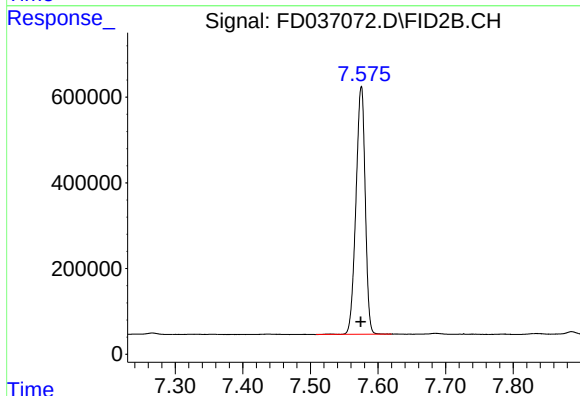




#2 Naphthalene (C11.7)

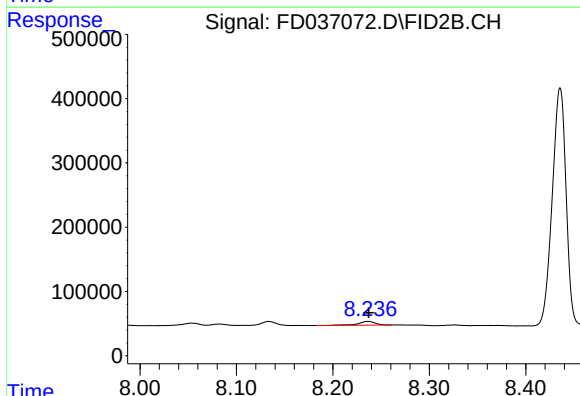
R.T.: 5.912 min
Delta R.T.: -0.001 min
Response: 66835
Conc: 0.49 ug/ml

Instrument :
FID_D
ClientSampleId :



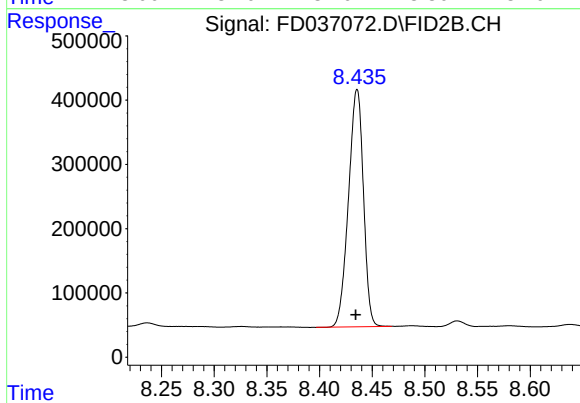
#4 2-Bromonaphthalene (SURR)

R.T.: 7.575 min
Delta R.T.: 0.001 min
Response: 5509073
Conc: 46.59 ug/ml



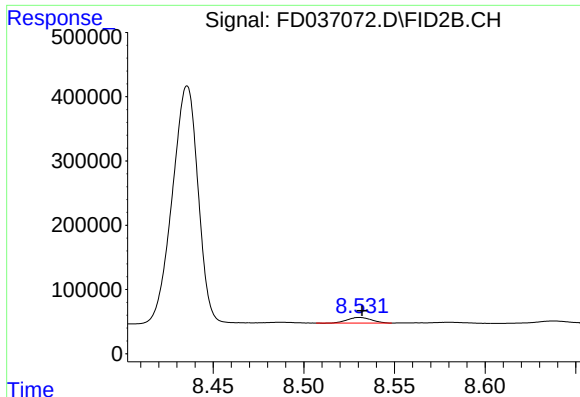
#5 Acenaphthylene (C15.06)

R.T.: 8.236 min
Delta R.T.: 0.000 min
Response: 71776
Conc: 0.57 ug/ml



#6 2-Fluorobiphenyl (SURR)

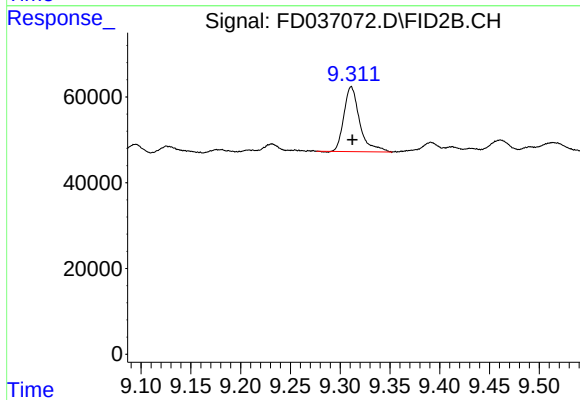
R.T.: 8.436 min
Delta R.T.: 0.001 min
Response: 3643177
Conc: 47.21 ug/ml



#7 Acenaphthene (C15.5)

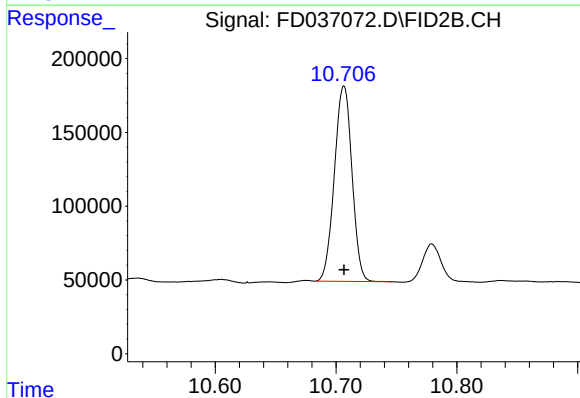
R.T.: 8.531 min
Delta R.T.: -0.001 min
Response: 80347
Conc: 0.62 ug/ml

Instrument :
FID_D
ClientSampleId :



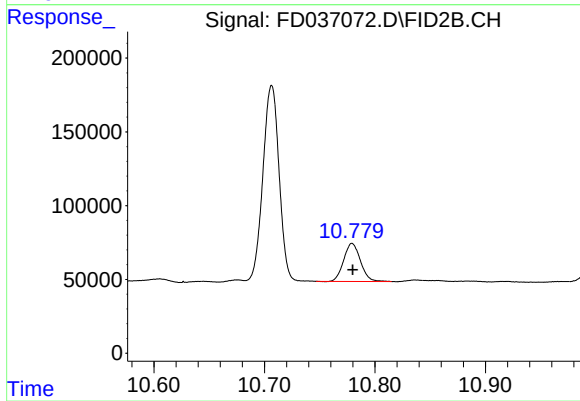
#8 Flouorene (C16.55)

R.T.: 9.311 min
Delta R.T.: -0.001 min
Response: 167054
Conc: 1.36 ug/ml



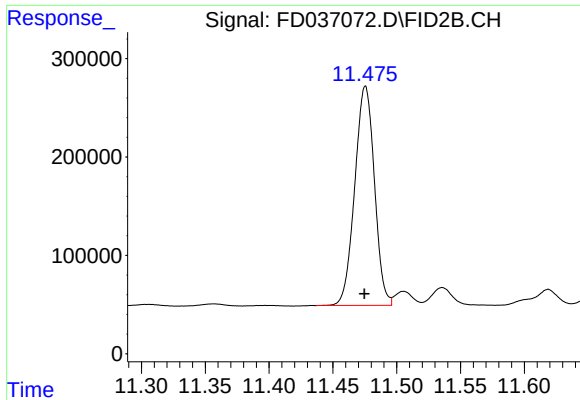
#9 Phenanthrene (C19.36)

R.T.: 10.707 min
Delta R.T.: 0.000 min
Response: 1341839
Conc: 11.38 ug/ml



#10 Anthracene (C19.43)

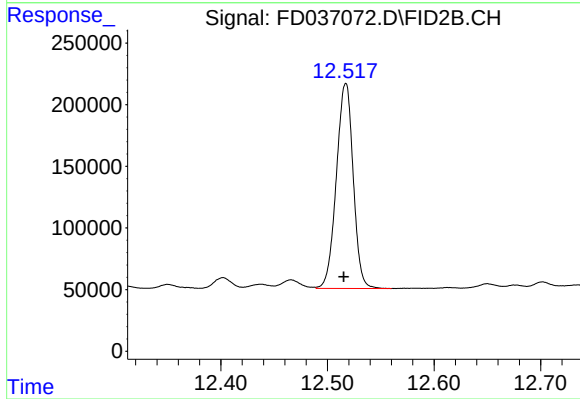
R.T.: 10.779 min
Delta R.T.: 0.000 min
Response: 272348
Conc: 2.36 ug/ml



#11 ortho-Terphenyl (SURR)

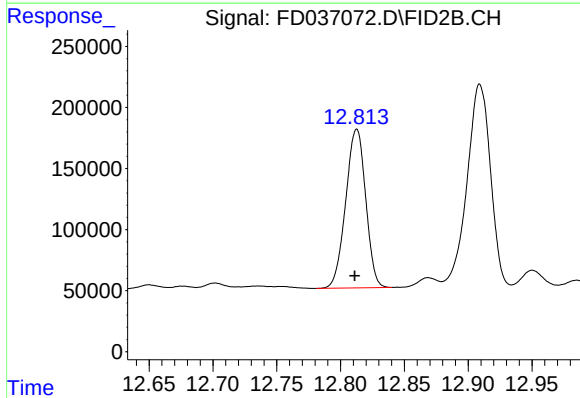
R.T.: 11.476 min
Delta R.T.: 0.000 min
Response: 2388522
Conc: 19.34 ug/ml

Instrument :
FID_D
ClientSampleId :



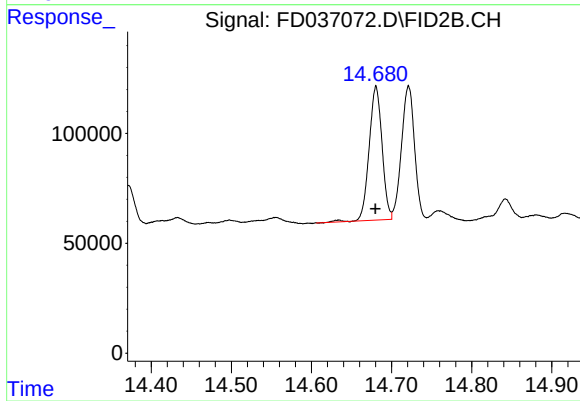
#12 Fluoranthene (C21.85)

R.T.: 12.517 min
Delta R.T.: 0.002 min
Response: 1827622
Conc: 15.67 ug/ml



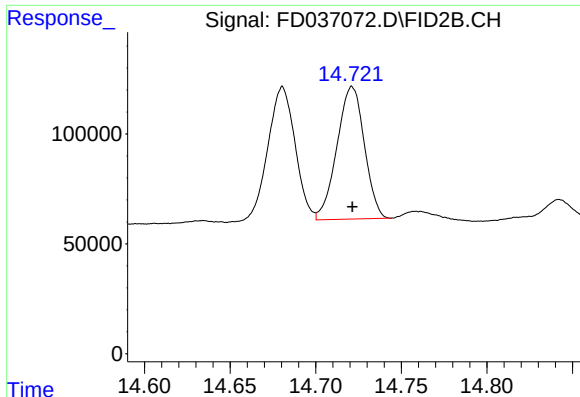
#13 Pyrene (C20.8)

R.T.: 12.813 min
Delta R.T.: 0.002 min
Response: 1416195
Conc: 12.30 ug/ml



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

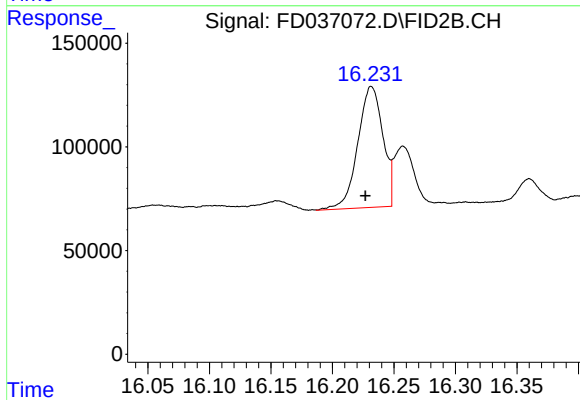
R.T.: 14.681 min
Delta R.T.: 0.000 min
Response: 682765
Conc: 6.20 ug/ml



#15 Chrysene (C27.41)

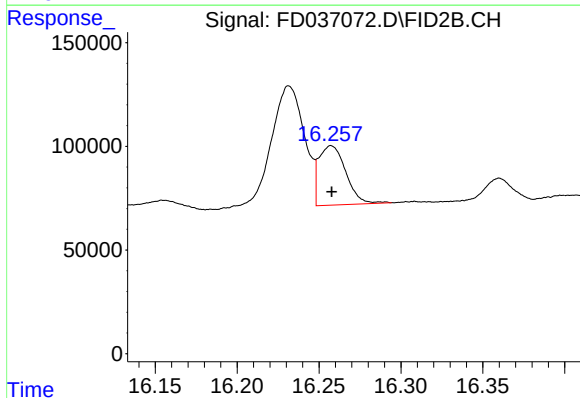
R.T.: 14.721 min
Delta R.T.: 0.000 min
Response: 672751
Conc: 5.94 ug/ml

Instrument :
FID_D
ClientSampleId :



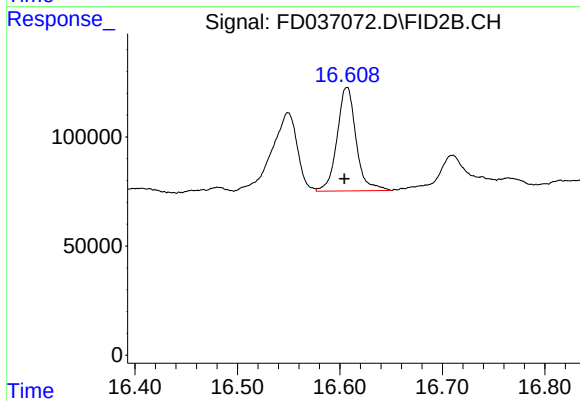
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.232 min
Delta R.T.: 0.005 min
Response: 826373
Conc: 7.37 ug/ml



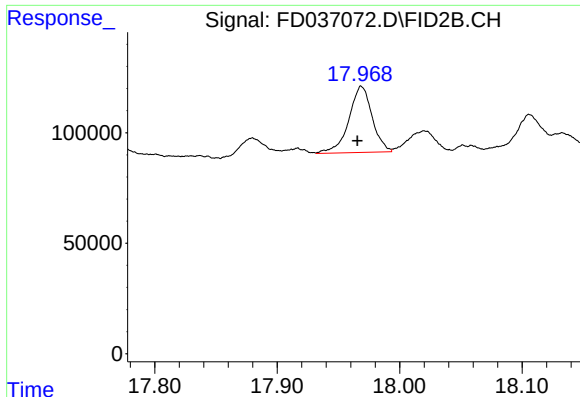
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.257 min
Delta R.T.: 0.000 min
Response: 328217
Conc: 3.05 ug/ml



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

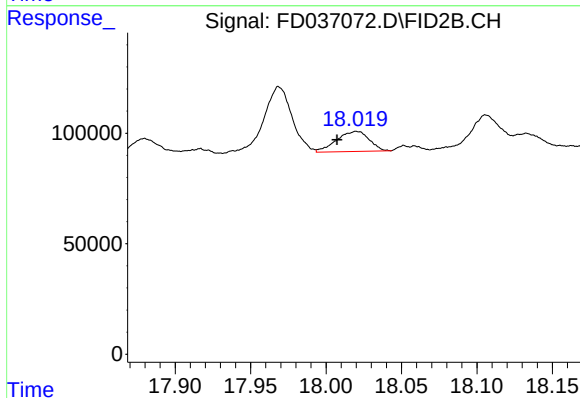
R.T.: 16.607 min
Delta R.T.: 0.002 min
Response: 611874
Conc: 5.91 ug/ml



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

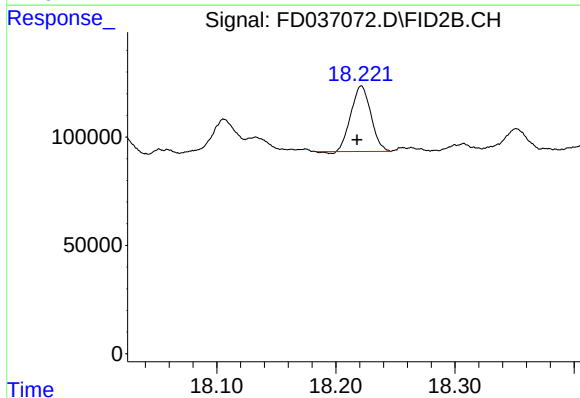
R.T.: 17.969 min
Delta R.T.: 0.003 min
Response: 395708
Conc: 3.72 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.020 min
Delta R.T.: 0.013 min
Response: 136950
Conc: 1.31 ug/ml



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

R.T.: 18.221 min
Delta R.T.: 0.003 min
Response: 350972
Conc: 3.29 ug/ml