

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092619AR\
 Data File : FD030829.D
 Signal(s) : FID2B.CH
 Acq On : 27 Sep 2019 1:48
 Operator : DD\AJ
 Sample : K5038-07
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 TS-1

Integration File: autoint1.e
 Quant Time: Sep 27 03:22:31 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 092519.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 26 04:51:24 2019
 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...	7.578	6962654	40.890 ug/ml
Spiked Amount 50.000		Recovery =	81.78%
6) S 2-Fluorobiphenyl (SURR)	8.438	4236259	36.731 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	73.46%
11) S ortho-Terphenyl (SURR)	11.470	7476687	40.039 ug/ml
Spiked Amount 50.000		Recovery =	80.08%
Target Compounds			
2) T Naphthalene (C11.7)	5.921	90825	0.472 ug/ml
3) T 2-Methylnaphthalene (...)	6.970	76920	0.404 ug/ml
5) T Acenaphthylene (C15.06)	8.239	140092	0.761 ug/ml
7) T Acenaphthene (C15.5)	8.532	350485	1.816 ug/ml
8) T Flouorene (C16.55)	9.311	272878	1.444 ug/ml
9) T Phenanthrene (C19.36)	10.704	3004924	15.980 ug/ml
10) T Anthracene (C19.43)	10.777	779668	4.266 ug/ml
12) T Fluoranthene (C21.85)	12.513	4701119	25.143 ug/ml
13) T Pyrene (C20.8)	12.808	4033713	21.935 ug/ml
14) T Benzo[a]anthracene (C...	14.671	2188403	12.648 ug/ml
15) T Chrysene (C27.41)	14.712	2244540	12.646 ug/ml
16) T benzo[b]fluoranthene ...	16.221	2917866	17.324 ug/ml
17) T Bnezo[k]fluoranthene ...	16.247	922628	5.414 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.596	1936466	11.796 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.958	1526946	9.746 ug/ml
20) T Dibenz[a,h]anthracene...	17.991	643142	4.110 ug/ml
21) T Benzo[g,h,i]perylene ...	18.211	1118061	7.260 ug/ml

(f)=RT Delta > 1/2 Window

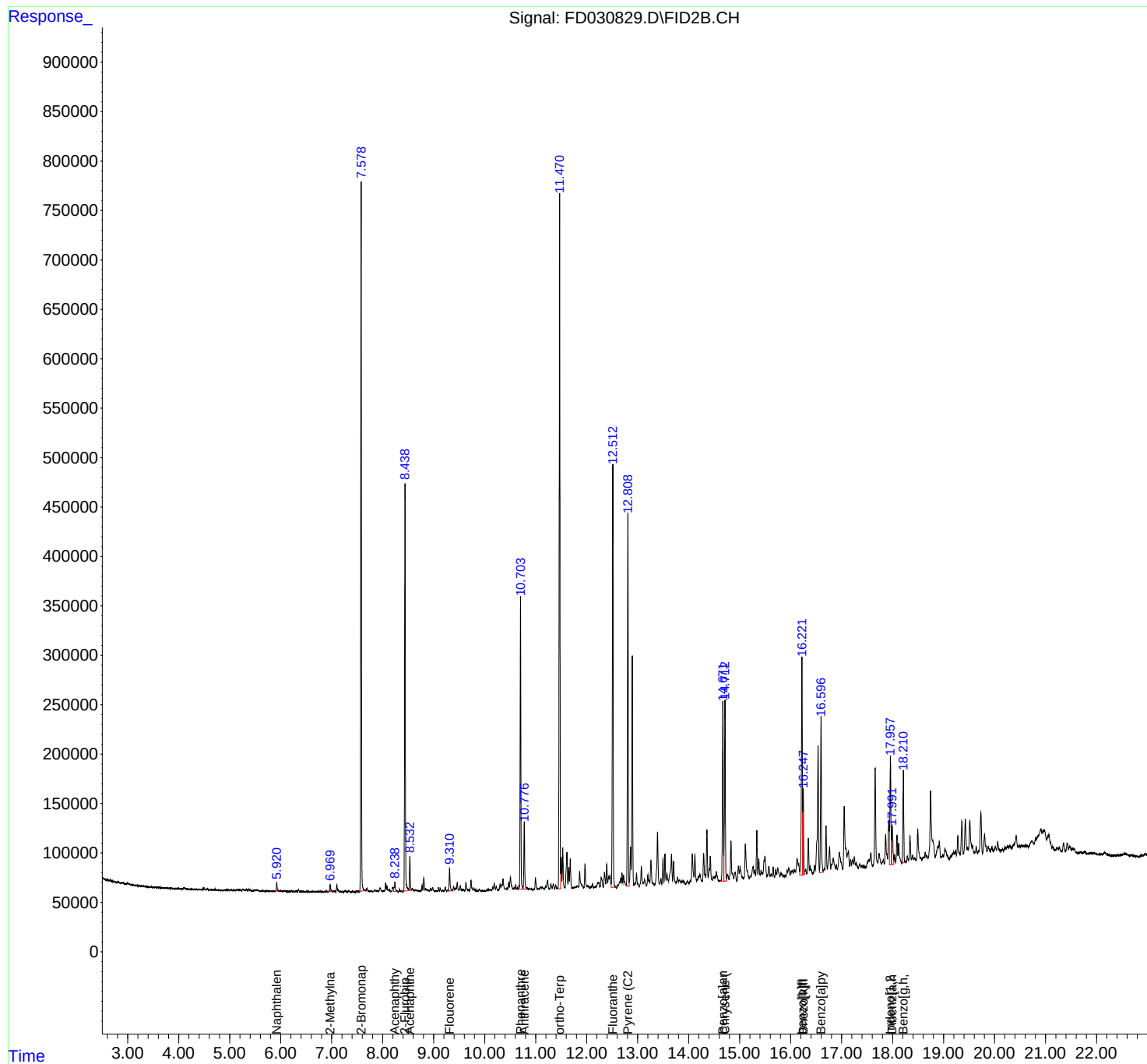
(m)=manual int.

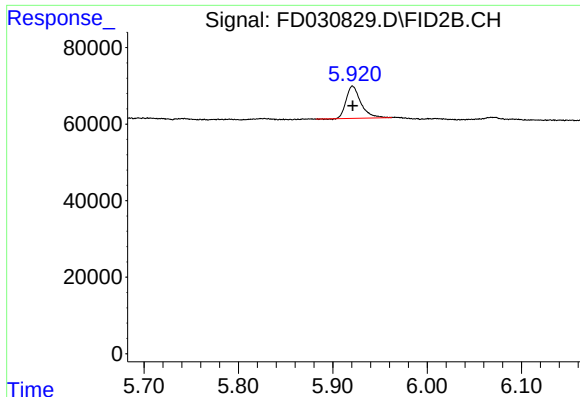
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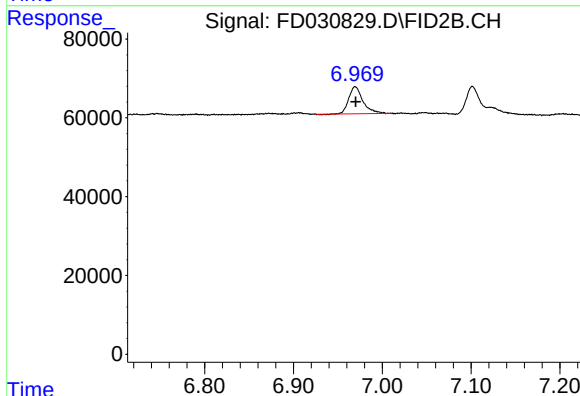




#2 Naphthalene (C11.7)

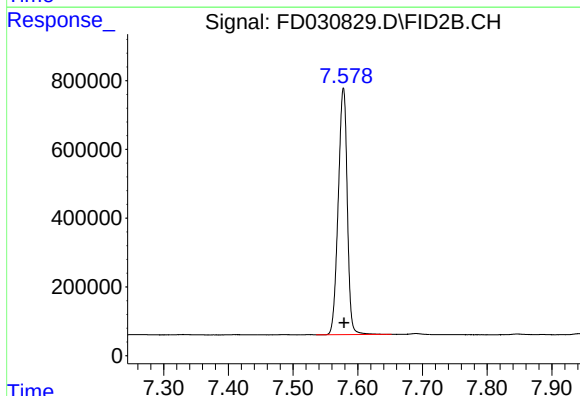
R.T.: 5.921 min
Delta R.T.: 0.000 min
Response: 90825
Conc: 0.47 ug/ml

Instrument :
FID_D
ClientSampleId :
TS-1



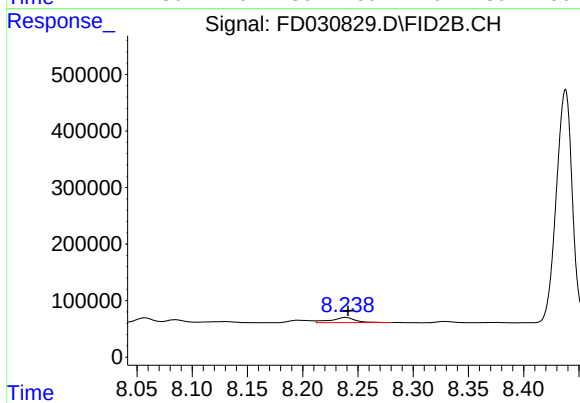
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.970 min
Delta R.T.: 0.000 min
Response: 76920
Conc: 0.40 ug/ml



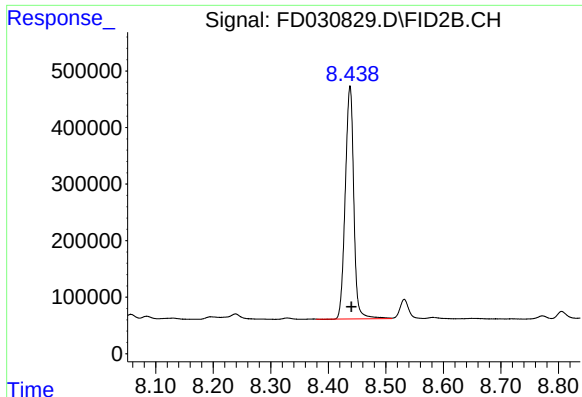
#4 2-Bromonaphthalene (SURR)

R.T.: 7.578 min
Delta R.T.: 0.000 min
Response: 6962654
Conc: 40.89 ug/ml



#5 Acenaphthylene (C15.06)

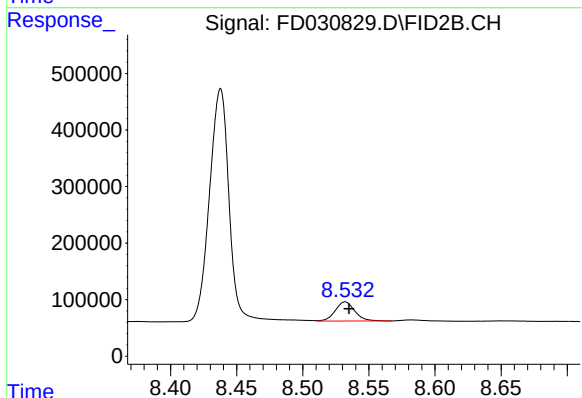
R.T.: 8.239 min
Delta R.T.: -0.002 min
Response: 140092
Conc: 0.76 ug/ml



#6 2-Fluorobiphenyl (SURR)

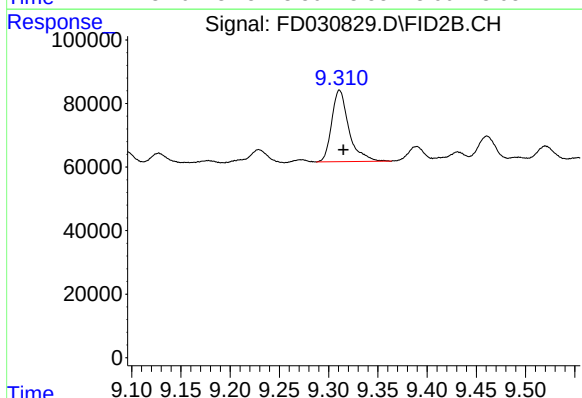
R.T.: 8.438 min
Delta R.T.: -0.003 min
Response: 4236259
Conc: 36.73 ug/ml

Instrument :
FID_D
ClientSampleId :
TS-1



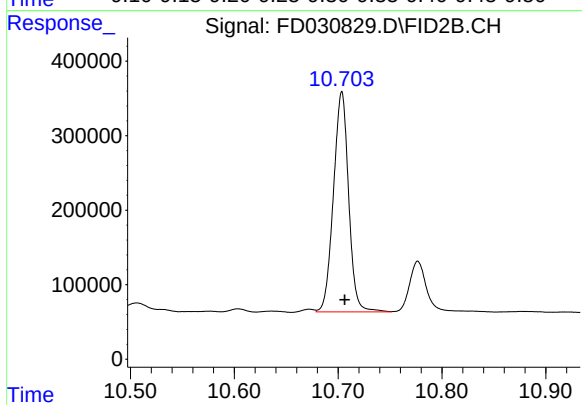
#7 Acenaphthene (C15.5)

R.T.: 8.532 min
Delta R.T.: -0.003 min
Response: 350485
Conc: 1.82 ug/ml



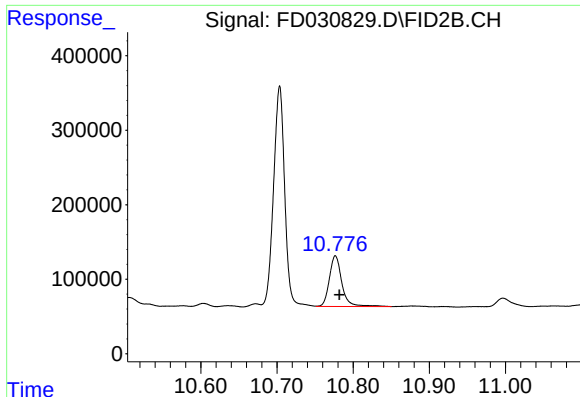
#8 Flouorene (C16.55)

R.T.: 9.311 min
Delta R.T.: -0.004 min
Response: 272878
Conc: 1.44 ug/ml



#9 Phenanthrene (C19.36)

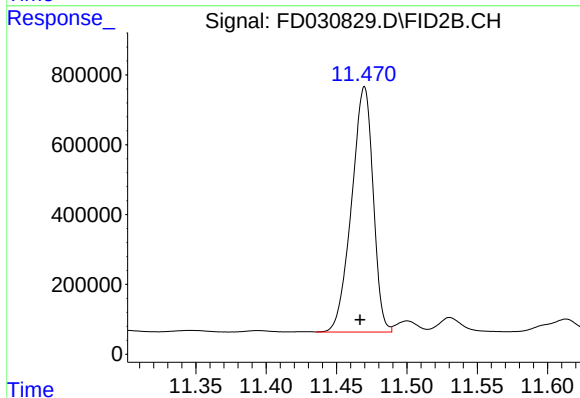
R.T.: 10.704 min
Delta R.T.: -0.003 min
Response: 3004924
Conc: 15.98 ug/ml



#10 Anthracene (C19.43)

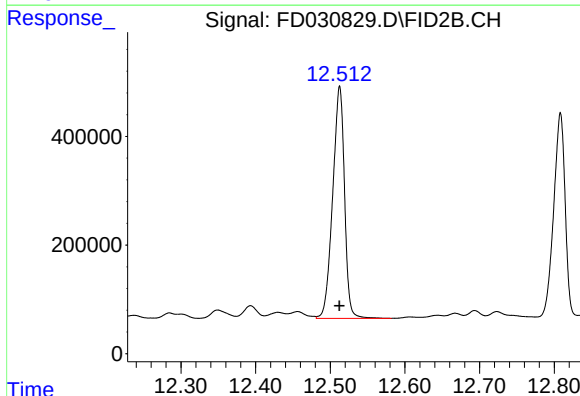
R.T.: 10.777 min
Delta R.T.: -0.005 min
Response: 779668
Conc: 4.27 ug/ml

Instrument :
FID_D
ClientSampleId :
TS-1



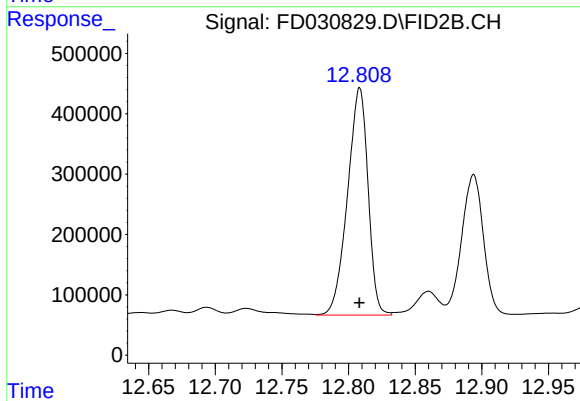
#11 ortho-Terphenyl (SURR)

R.T.: 11.470 min
Delta R.T.: 0.003 min
Response: 7476687
Conc: 40.04 ug/ml



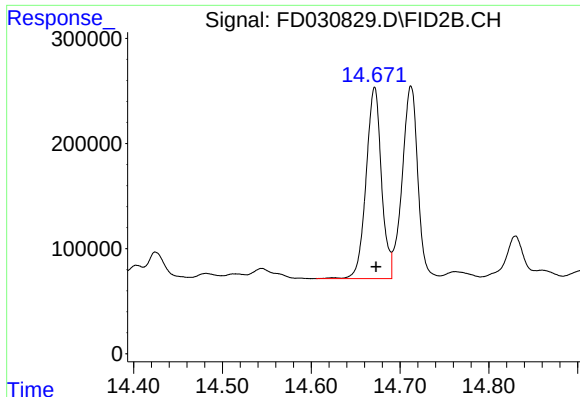
#12 Fluoranthene (C21.85)

R.T.: 12.513 min
Delta R.T.: 0.000 min
Response: 4701119
Conc: 25.14 ug/ml



#13 Pyrene (C20.8)

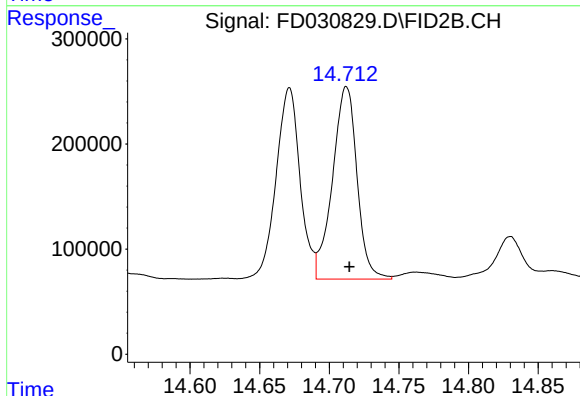
R.T.: 12.808 min
Delta R.T.: 0.000 min
Response: 4033713
Conc: 21.93 ug/ml



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

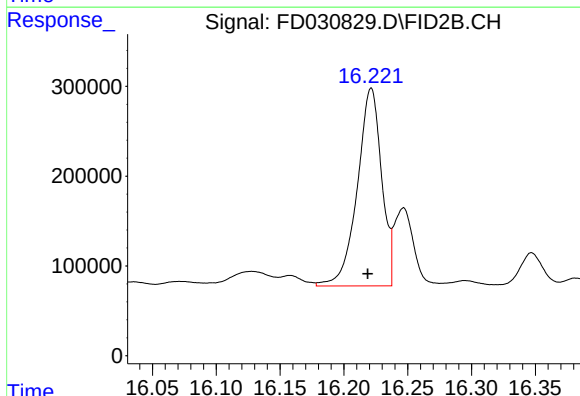
R.T.: 14.671 min
Delta R.T.: -0.002 min
Response: 2188403
Conc: 12.65 ug/ml

Instrument :
FID_D
ClientSampleId :
TS-1



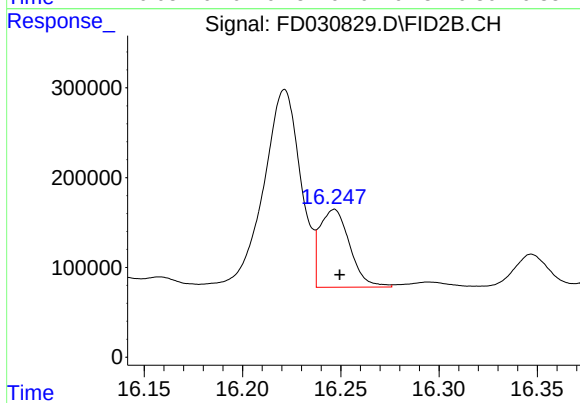
#15 Chrysene (C27.41)

R.T.: 14.712 min
Delta R.T.: -0.002 min
Response: 2244540
Conc: 12.65 ug/ml



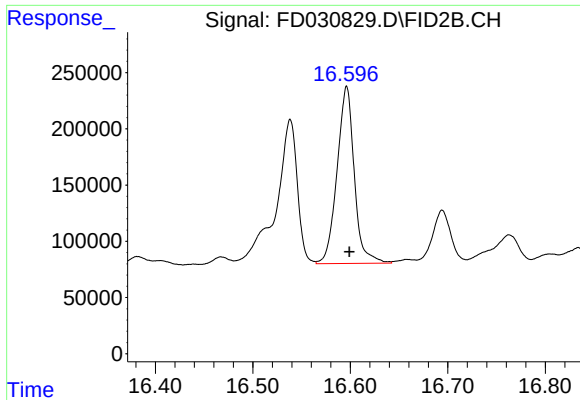
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.221 min
Delta R.T.: 0.003 min
Response: 2917866
Conc: 17.32 ug/ml



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

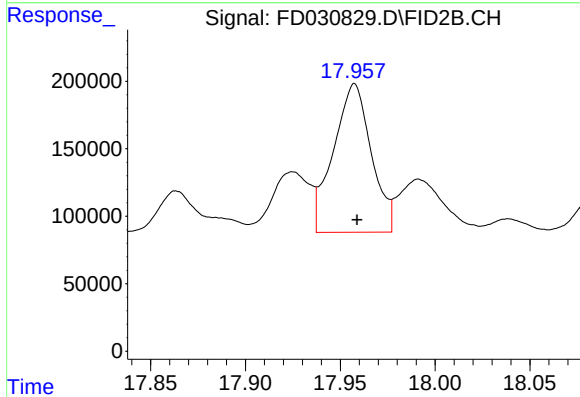
R.T.: 16.247 min
Delta R.T.: -0.003 min
Response: 922628
Conc: 5.41 ug/ml



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

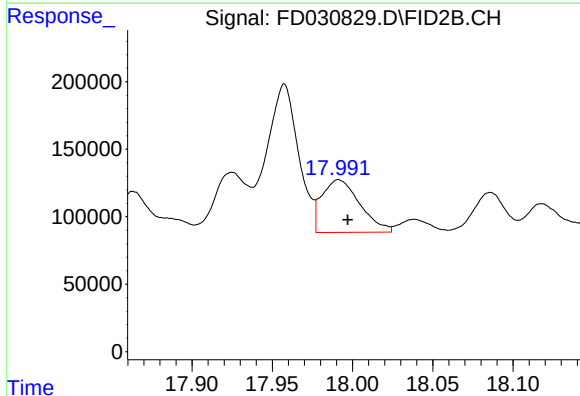
R.T.: 16.596 min
Delta R.T.: -0.003 min
Response: 1936466
Conc: 11.80 ug/ml

Instrument :
FID_D
ClientSampleId :
TS-1



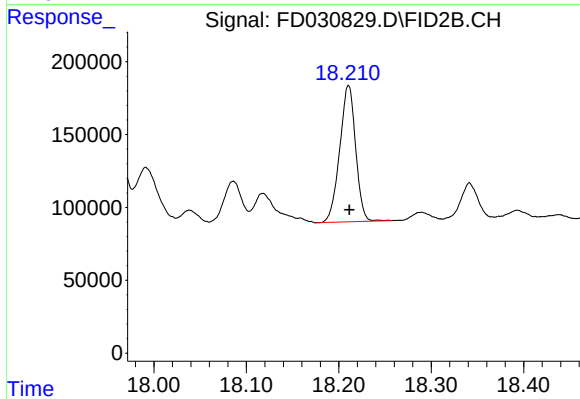
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.958 min
Delta R.T.: -0.001 min
Response: 1526946
Conc: 9.75 ug/ml



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

R.T.: 17.991 min
Delta R.T.: -0.006 min
Response: 643142
Conc: 4.11 ug/ml



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

R.T.: 18.211 min
Delta R.T.: -0.001 min
Response: 1118061
Conc: 7.26 ug/ml