

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050322AR\
 Data File : FD042276.D
 Signal(s) : FID2B.CH
 Acq On : 03 May 2022 23:02
 Operator : UA/NP
 Sample : N2637-08
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 04 02:38:23 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 21 17:32:22 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...	7.347	6194373	44.193 ug/ml
Spiked Amount 50.000		Recovery =	88.39%
6) S 2-Fluorobiphenyl (SURR)	8.197	3875779	54.395 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	108.79%
11) S ortho-Terphenyl (SURR)	11.227	5383138	31.057 ug/ml
Spiked Amount 50.000		Recovery =	62.11%
Target Compounds			
5) T Acenaphthylene (C15.06)	7.993	142797	0.866 ug/ml
7) T Acenaphthene (C15.5)	8.299	257749	1.373 ug/ml
8) T Fluorene (C16.55)	9.094	393201	2.581 ug/ml
9) T Phenanthrene (C19.36)	10.457	1351368	9.101 ug/ml
10) T Anthracene (C19.43)	10.550	274250	1.638 ug/ml
12) T Fluoranthene (C21.85)	12.262	1484278	9.462 ug/ml
13) T Pyrene (C20.8)	12.555	1087063	6.665 ug/ml
14) T Benzo[a]anthracene (C...	14.433	249147	2.083 ug/ml
15) T Chrysene (C27.41)	14.474	552229	3.010 ug/ml
16) T benzo[b]fluoranthene ...	15.981	463618	3.531 ug/ml
17) T Bnezo[k]fluoranthene ...	15.981	463618	2.682 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.366	280533	1.901 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.740	353900	3.546 ug/ml
20) T Dibenz[a,h]anthracene...	17.777	116105	0.740 ug/ml
21) T Benzo[g,h,i]perylene ...	17.961	314906	2.274 ug/ml

(f)=RT Delta > 1/2 Window

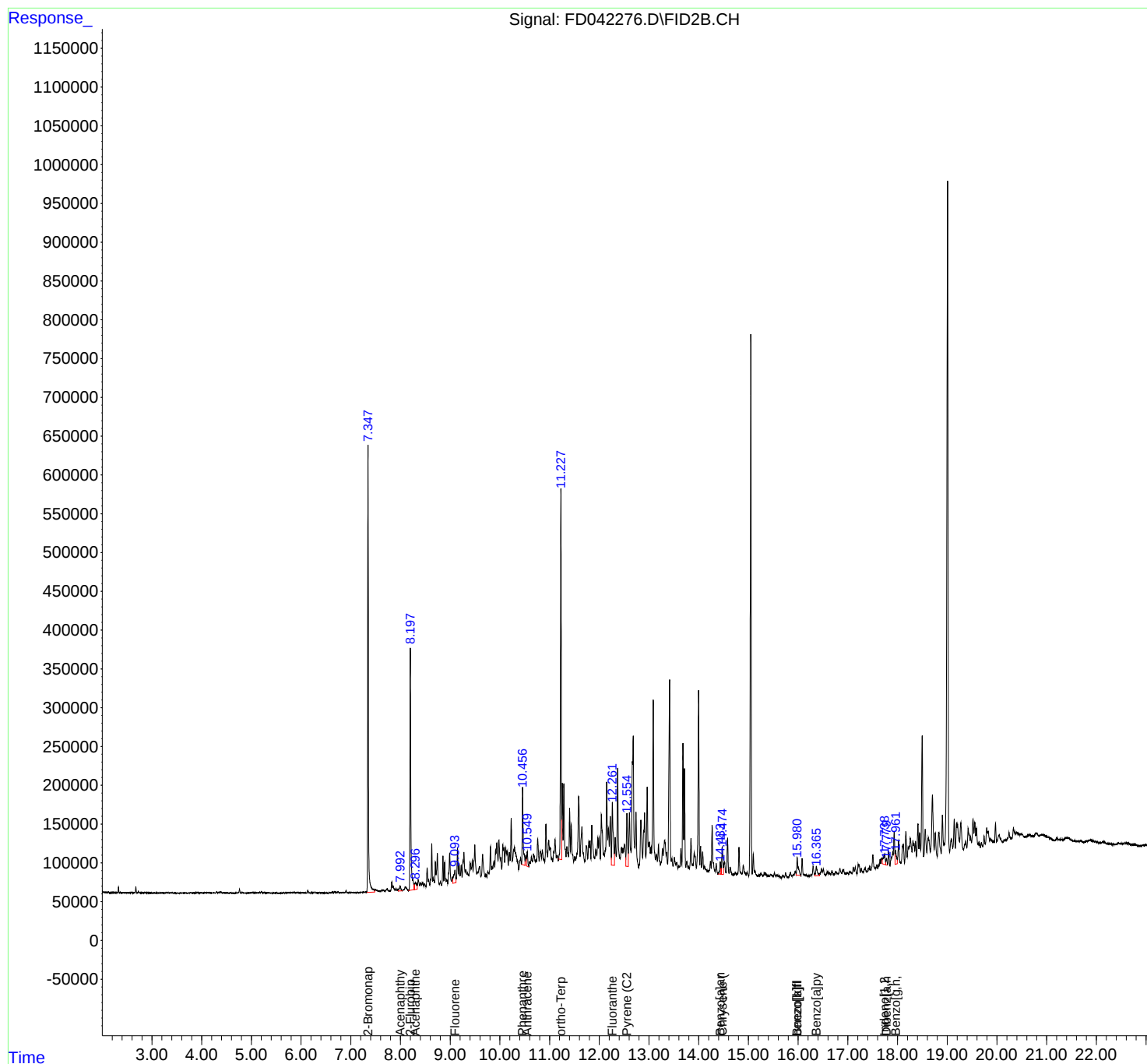
(m)=manual int.

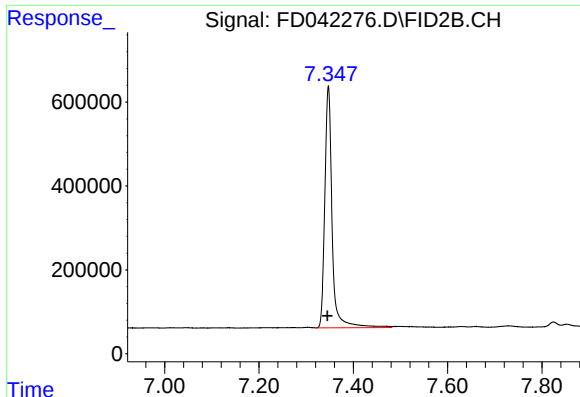
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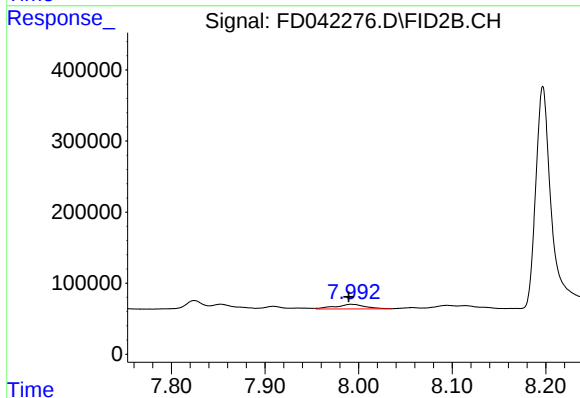




#4 2-Bromonaphthalene (SURR)

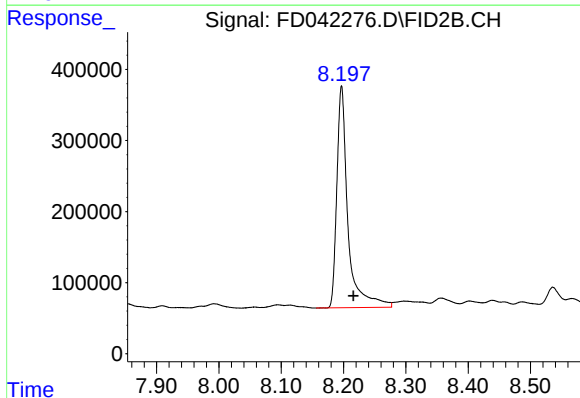
R.T.: 7.347 min
Delta R.T.: 0.002 min
Response: 6194373
Conc: 44.19 ug/ml

Instrument :
FID_D
ClientSampleId :



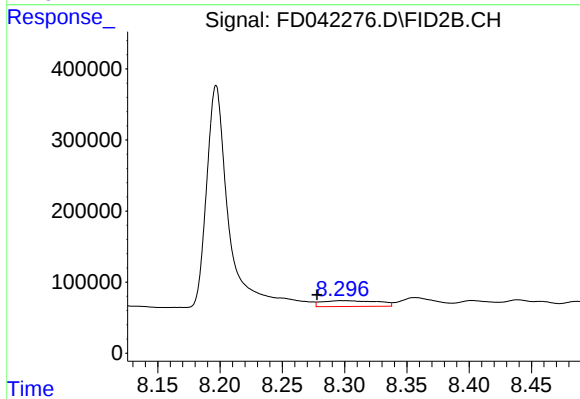
#5 Acenaphthylene (C15.06)

R.T.: 7.993 min
Delta R.T.: 0.003 min
Response: 142797
Conc: 0.87 ug/ml



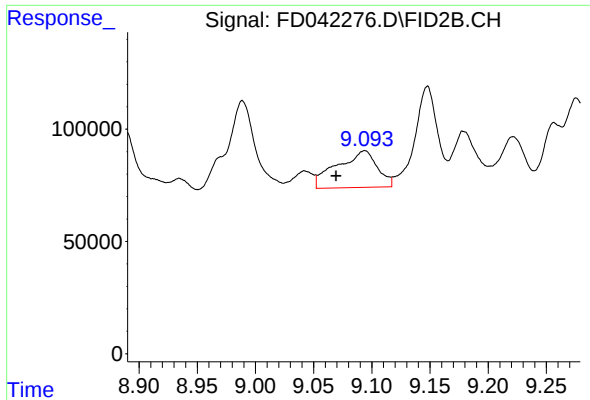
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.197 min
Delta R.T.: -0.019 min
Response: 3875779
Conc: 54.40 ug/ml



#7 Acenaphthene (C15.5)

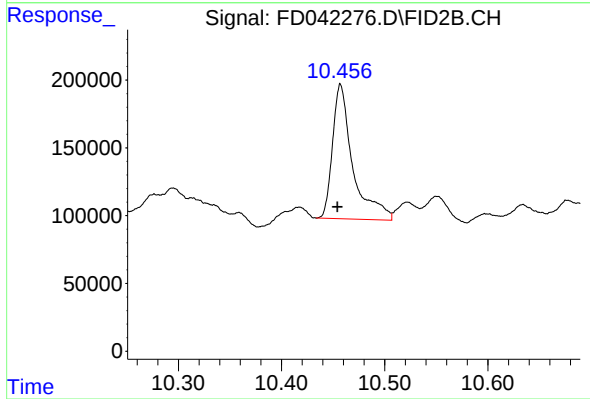
R.T.: 8.299 min
Delta R.T.: 0.021 min
Response: 257749
Conc: 1.37 ug/ml



#8 Flouorene (C16.55)

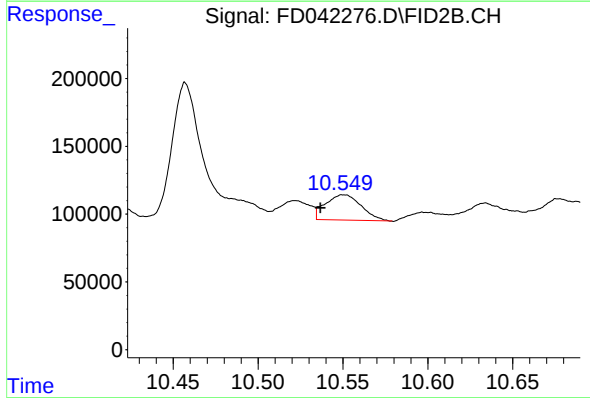
R.T.: 9.094 min
Delta R.T.: 0.024 min
Response: 393201
Conc: 2.58 ug/ml

Instrument :
FID_D
ClientSampleId :



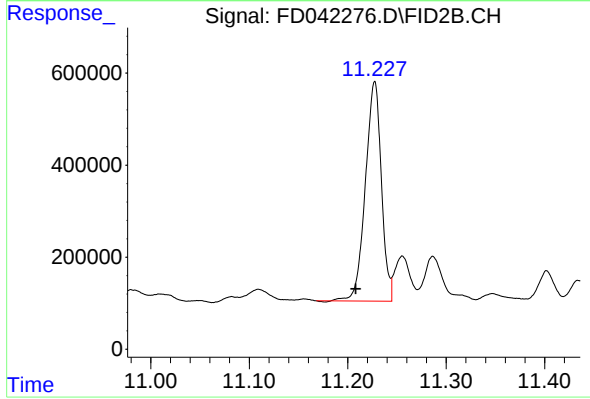
#9 Phenanthrene (C19.36)

R.T.: 10.457 min
Delta R.T.: 0.003 min
Response: 1351368
Conc: 9.10 ug/ml



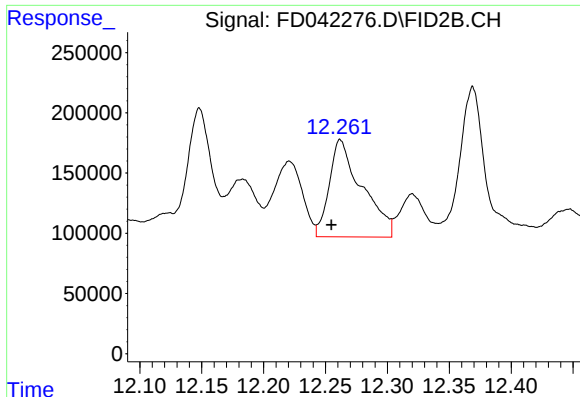
#10 Anthracene (C19.43)

R.T.: 10.550 min
Delta R.T.: 0.014 min
Response: 274250
Conc: 1.64 ug/ml



#11 ortho-Terphenyl (SURR)

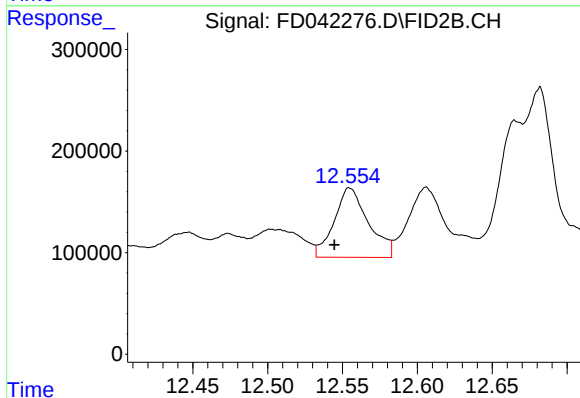
R.T.: 11.227 min
Delta R.T.: 0.019 min
Response: 5383138
Conc: 31.06 ug/ml



#12 Fluoranthene (C21.85)

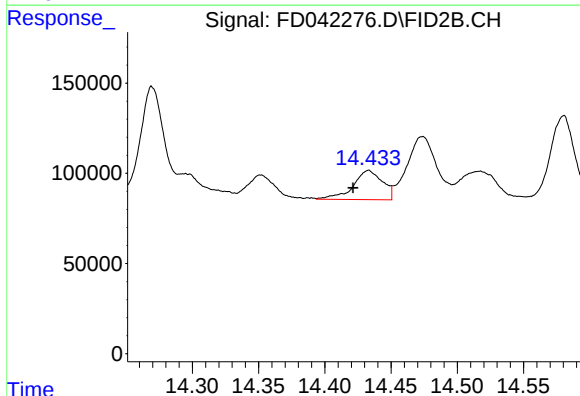
R.T.: 12.262 min
Delta R.T.: 0.008 min
Response: 1484278
Conc: 9.46 ug/ml

Instrument :
FID_D
ClientSampleId :



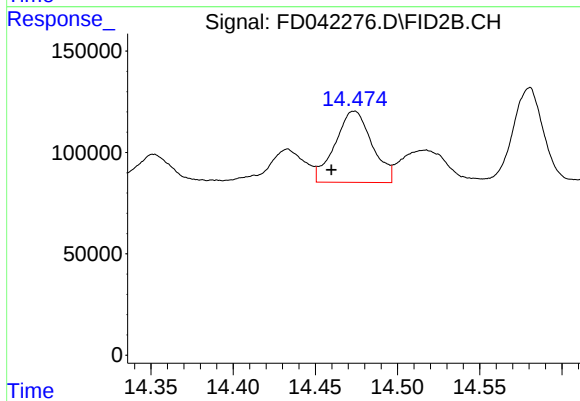
#13 Pyrene (C20.8)

R.T.: 12.555 min
Delta R.T.: 0.010 min
Response: 1087063
Conc: 6.66 ug/ml



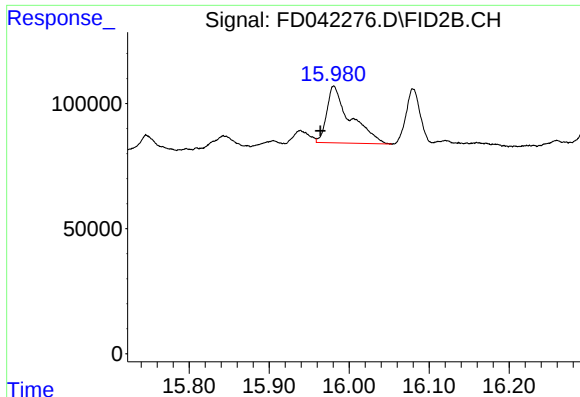
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.433 min
Delta R.T.: 0.012 min
Response: 249147
Conc: 2.08 ug/ml



#15 Chrysene (C27.41)

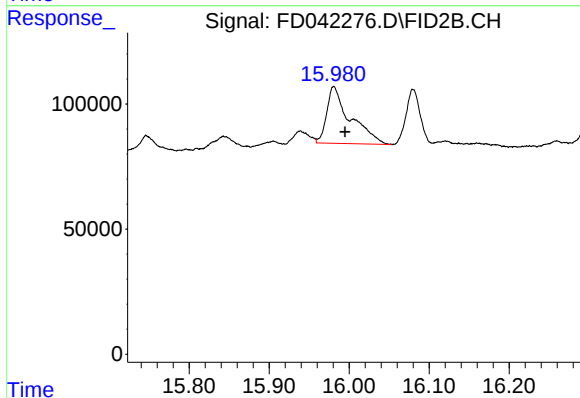
R.T.: 14.474 min
Delta R.T.: 0.014 min
Response: 552229
Conc: 3.01 ug/ml



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

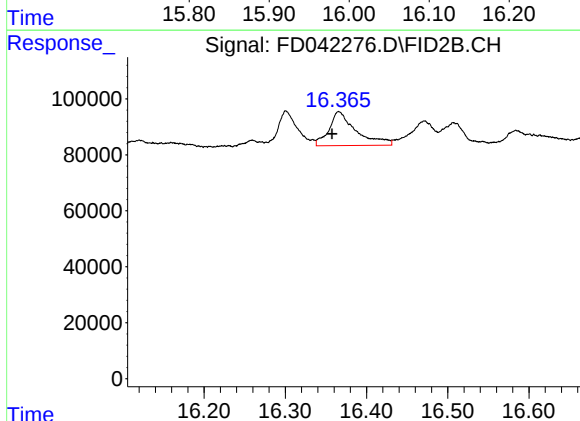
R.T.: 15.981 min
Delta R.T.: 0.017 min
Response: 463618
Conc: 3.53 ug/ml

Instrument :
FID_D
ClientSampleId :



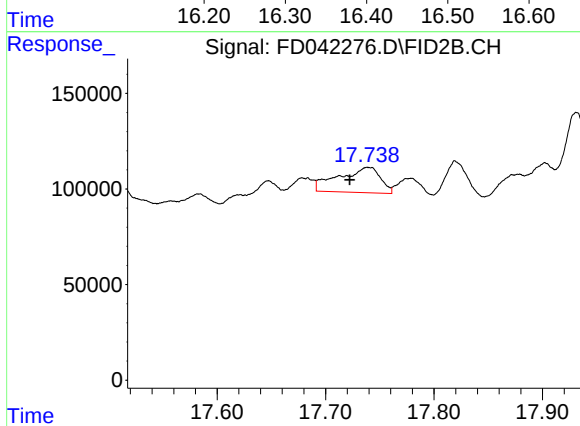
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.981 min
Delta R.T.: -0.014 min
Response: 463618
Conc: 2.68 ug/ml



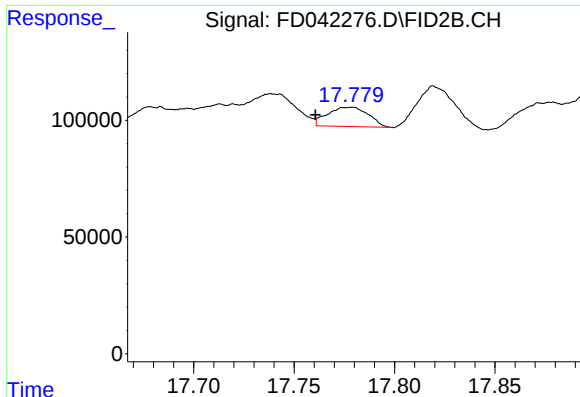
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.366 min
Delta R.T.: 0.009 min
Response: 280533
Conc: 1.90 ug/ml



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

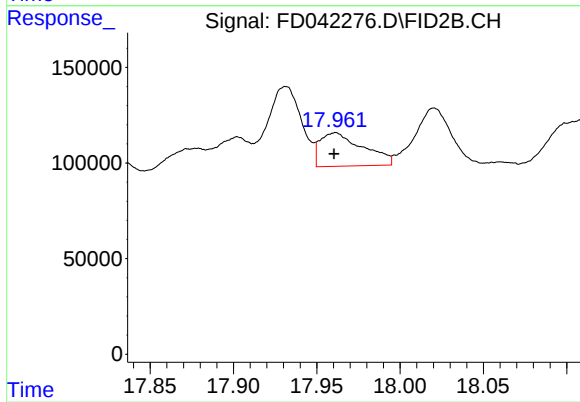
R.T.: 17.740 min
Delta R.T.: 0.017 min
Response: 353900
Conc: 3.55 ug/ml



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

R.T.: 17.777 min
Delta R.T.: 0.017 min
Response: 116105
Conc: 0.74 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.961 min
Delta R.T.: 0.000 min
Response: 314906
Conc: 2.27 ug/ml