

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050422AR\
 Data File : FD042294.D
 Signal(s) : FID2B.CH
 Acq On : 04 May 2022 19:56
 Operator : UA/NP
 Sample : N2659-02
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 05 01:57:48 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...	7.346	6611271	47.167 ug/ml
Spiked Amount 50.000		Recovery =	94.33%
6) S 2-Fluorobiphenyl (SURR)	8.196	3920224	55.019 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	110.04%
11) S ortho-Terphenyl (SURR)	11.224	6165890	35.573 ug/ml
Spiked Amount 50.000		Recovery =	71.15%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.745	54723	0.378 ug/ml
7) T Acenaphthene (C15.5)	8.292	390450	2.080 ug/ml
8) T Fluorene (C16.55)	9.089	58338	0.383 ug/ml
9) T Phenanthrene (C19.36)	10.465	390667	2.631 ug/ml
10) T Anthracene (C19.43)	10.559	60427	0.361 ug/ml
12) T Fluoranthene (C21.85)	12.262	635954	4.054 ug/ml
13) T Pyrene (C20.8)	12.554	536676	3.290 ug/ml
14) T Benzo[a]anthracene (C...	14.435	168193	1.406 ug/ml
15) T Chrysene (C27.41)	14.472	329590	1.796 ug/ml
16) T benzo[b]fluoranthene ...	15.982	241871	1.842 ug/ml
17) T Bnezo[k]fluoranthene ...	15.982	241871	1.399 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.364	211556	1.434 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.734	163102	1.634 ug/ml
20) T Dibenz[a,h]anthracene...	17.774	84077	0.536 ug/ml
21) T Benzo[g,h,i]perylene ...	17.981	155176	1.120 ug/ml

(f)=RT Delta > 1/2 Window

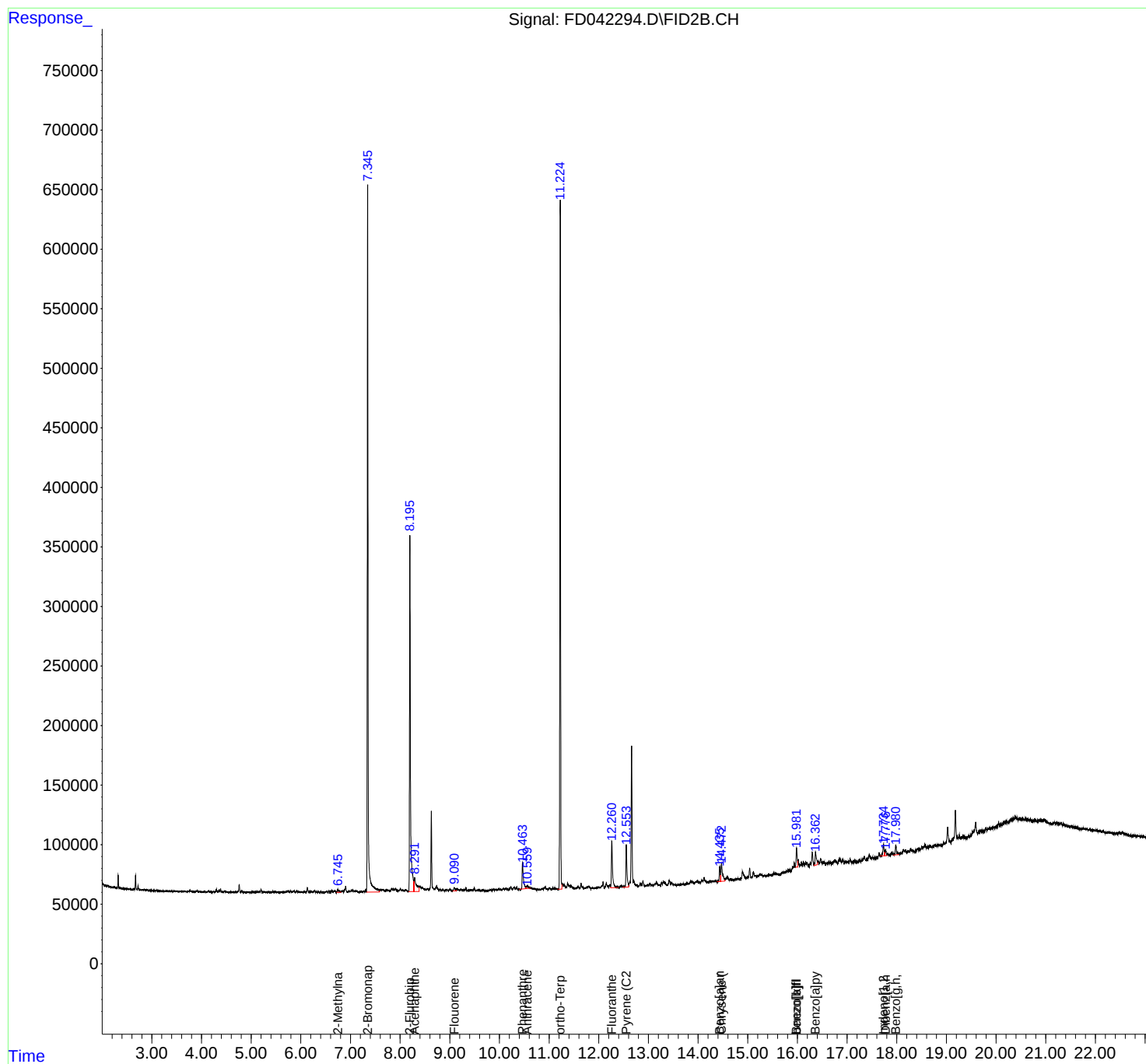
(m)=manual int.

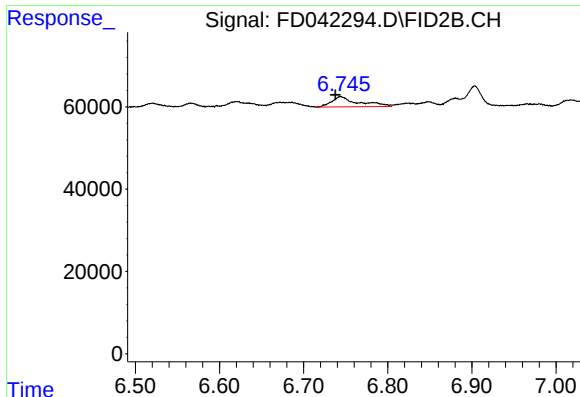
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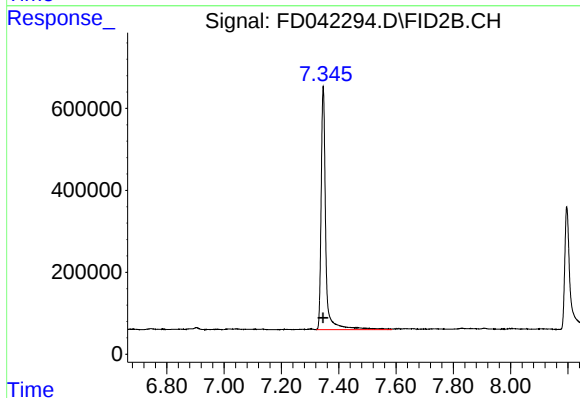




#3 2-Methylnaphthalene (C12.89)

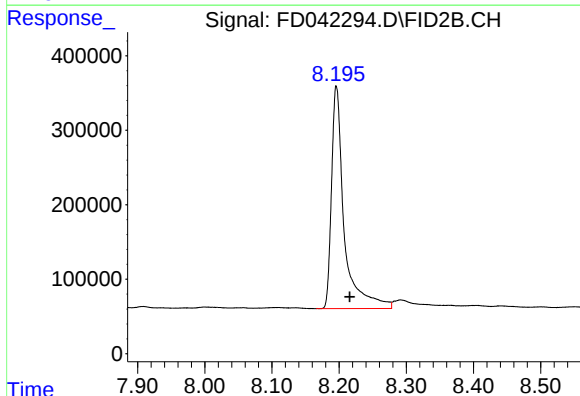
R.T.: 6.745 min
Delta R.T.: 0.007 min
Response: 54723
Conc: 0.38 ug/ml

Instrument :
FID_D
ClientSampleId :



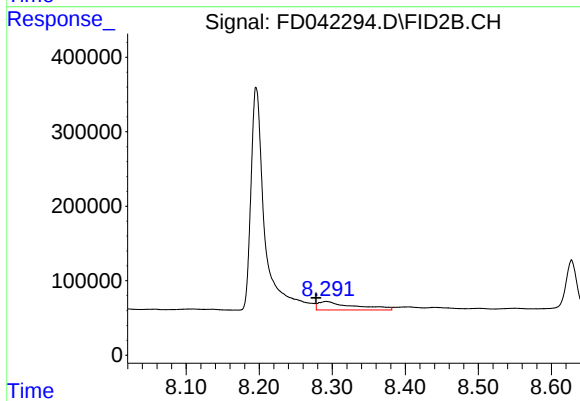
#4 2-Bromonaphthalene (SURR)

R.T.: 7.346 min
Delta R.T.: 0.000 min
Response: 6611271
Conc: 47.17 ug/ml



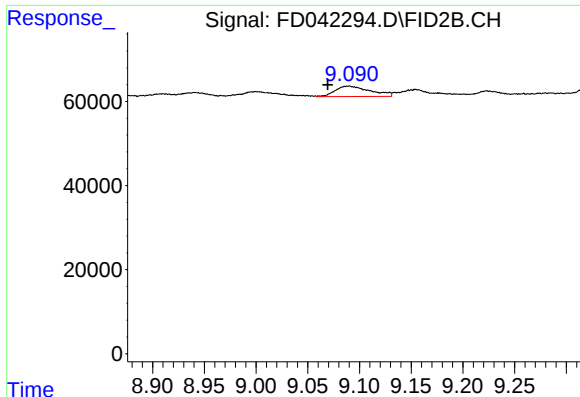
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.196 min
Delta R.T.: -0.020 min
Response: 3920224
Conc: 55.02 ug/ml



#7 Acenaphthene (C15.5)

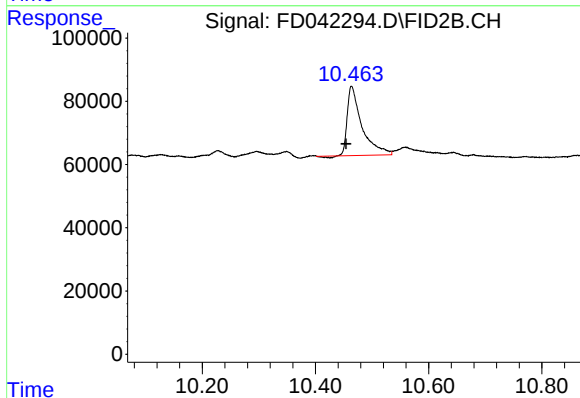
R.T.: 8.292 min
Delta R.T.: 0.014 min
Response: 390450
Conc: 2.08 ug/ml



#8 Fluorene (C16.55)

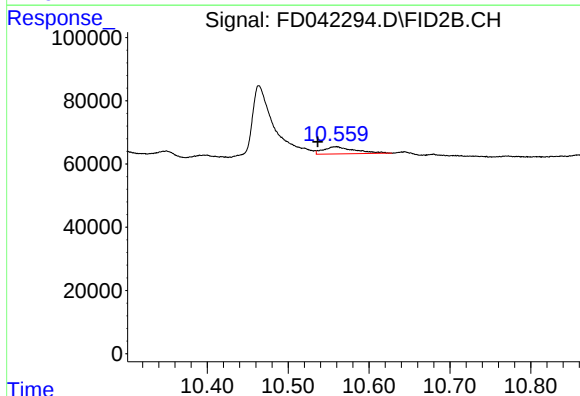
R.T.: 9.089 min
Delta R.T.: 0.020 min
Response: 58338
Conc: 0.38 ug/ml

Instrument :
FID_D
ClientSampleId :



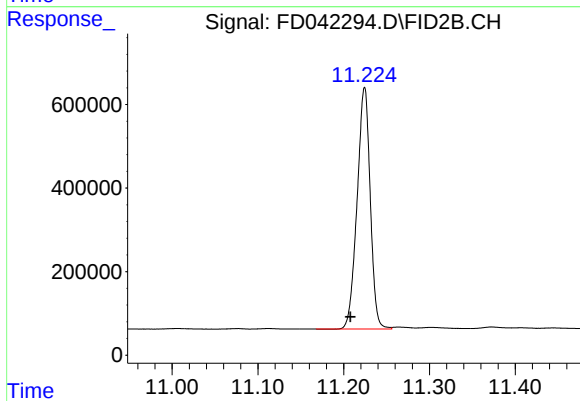
#9 Phenanthrene (C19.36)

R.T.: 10.465 min
Delta R.T.: 0.011 min
Response: 390667
Conc: 2.63 ug/ml



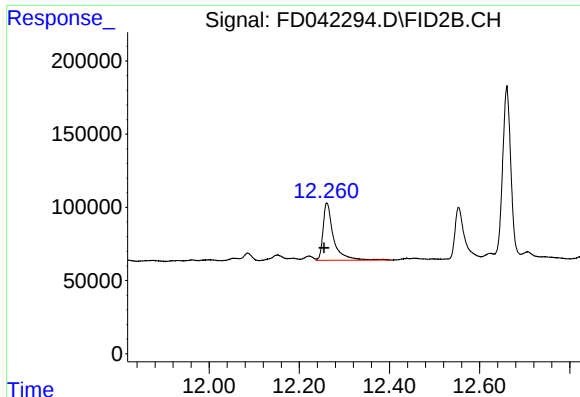
#10 Anthracene (C19.43)

R.T.: 10.559 min
Delta R.T.: 0.022 min
Response: 60427
Conc: 0.36 ug/ml



#11 ortho-Terphenyl (SURR)

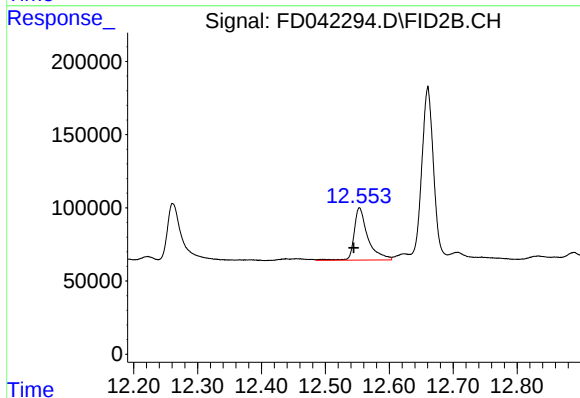
R.T.: 11.224 min
Delta R.T.: 0.016 min
Response: 6165890
Conc: 35.57 ug/ml



#12 Fluoranthene (C21.85)

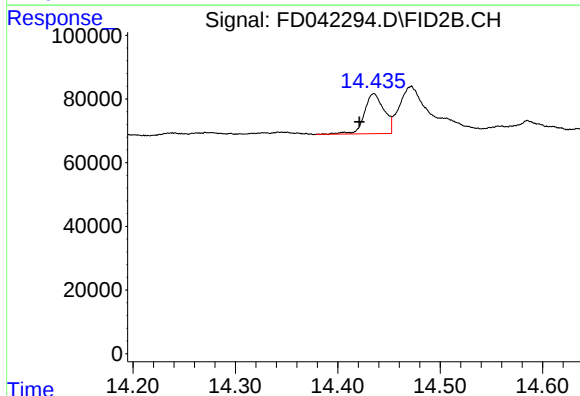
R.T.: 12.262 min
Delta R.T.: 0.007 min
Response: 635954
Conc: 4.05 ug/ml

Instrument :
FID_D
ClientSampleId :



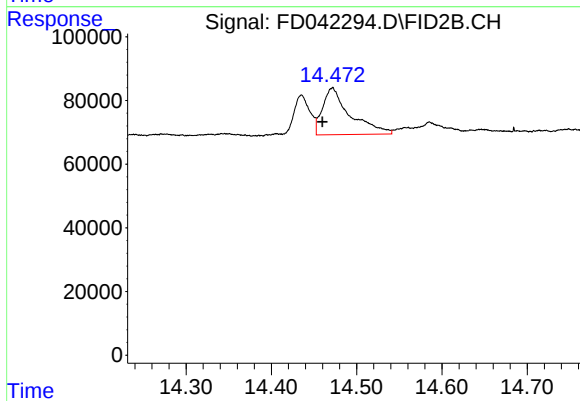
#13 Pyrene (C20.8)

R.T.: 12.554 min
Delta R.T.: 0.009 min
Response: 536676
Conc: 3.29 ug/ml



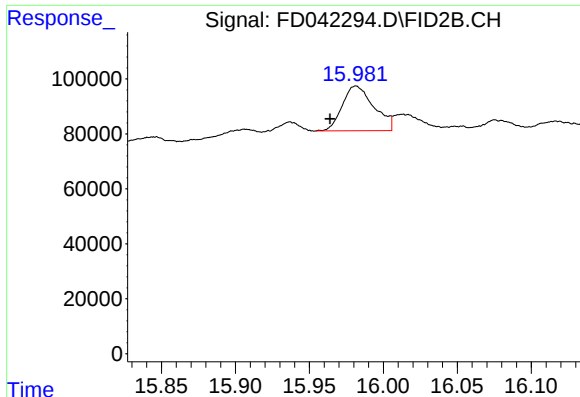
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.435 min
Delta R.T.: 0.014 min
Response: 168193
Conc: 1.41 ug/ml



#15 Chrysene (C27.41)

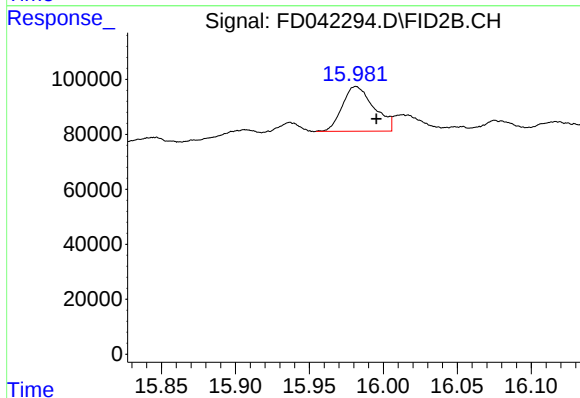
R.T.: 14.472 min
Delta R.T.: 0.012 min
Response: 329590
Conc: 1.80 ug/ml



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

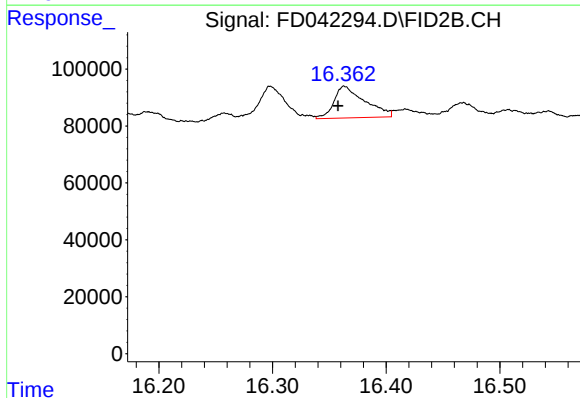
R.T.: 15.982 min
Delta R.T.: 0.018 min
Response: 241871
Conc: 1.84 ug/ml

Instrument :
FID_D
ClientSampleId :



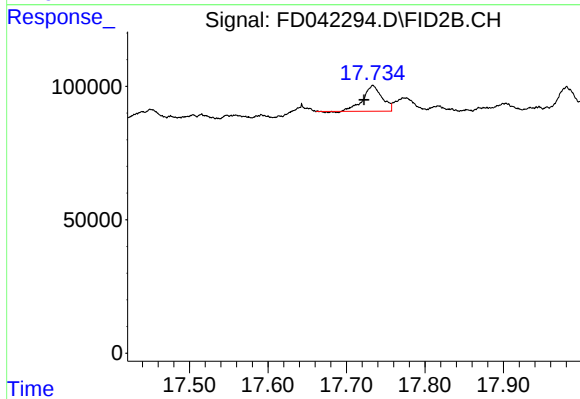
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.982 min
Delta R.T.: -0.013 min
Response: 241871
Conc: 1.40 ug/ml



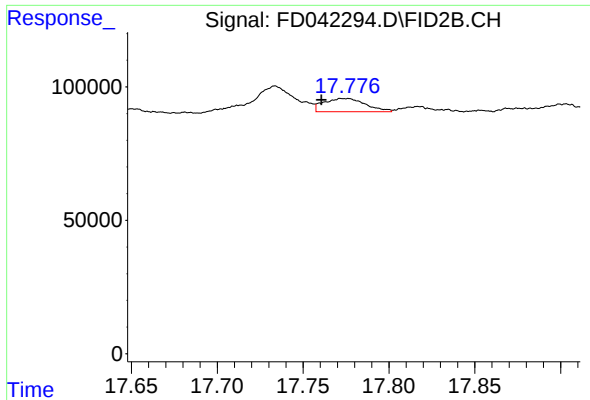
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.364 min
Delta R.T.: 0.006 min
Response: 211556
Conc: 1.43 ug/ml



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

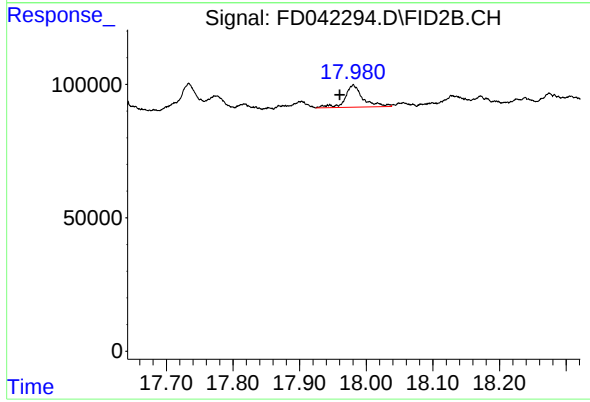
R.T.: 17.734 min
Delta R.T.: 0.011 min
Response: 163102
Conc: 1.63 ug/ml



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

R.T.: 17.774 min
Delta R.T.: 0.014 min
Response: 84077
Conc: 0.54 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.981 min
Delta R.T.: 0.020 min
Response: 155176
Conc: 1.12 ug/ml