

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032922AR\
 Data File : FD041790.D
 Signal(s) : FID2B.CH
 Acq On : 29 Mar 2022 22:10
 Operator : UA/NP
 Sample : N2155-04
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 30 02:22:36 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032222.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 29 12:14:13 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	6146184	38.320 ug/ml
Spiked Amount 50.000		Recovery =	76.64%
6) S 2-Fluorobiphenyl (SURR)	8.195	3956518	40.039 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	80.08%
11) S ortho-Terphenyl (SURR)	11.225	5322608	27.380 ug/ml
Spiked Amount 50.000		Recovery =	54.76%
Target Compounds			
2) T Naphthalene (C11.7)	5.704	88245	0.500 ug/ml
3) T 2-Methylnaphthalene (...)	6.749	100259	0.627 ug/ml
7) T Acenaphthene (C15.5)	8.292	258929	1.349 ug/ml
8) T Fluorene (C16.55)	9.083	78744	0.446 ug/ml
9) T Phenanthrene (C19.36)	10.456	766719	4.396 ug/ml
10) T Anthracene (C19.43)	10.543	229208	1.259 ug/ml
12) T Fluoranthene (C21.85)	12.256	894829	5.069 ug/ml
13) T Pyrene (C20.8)	12.549	706126	4.177 ug/ml
14) T Benzo[a]anthracene (C...	14.426	267123	1.786 ug/ml
15) T Chrysene (C27.41)	14.464	393531	2.186 ug/ml
16) T benzo[b]fluoranthene ...	15.972	388212	2.618 ug/ml
17) T Bnezo[k]fluoranthene ...	16.004	184588	1.117 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.352	253052	1.799 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.722	228274	2.073 ug/ml
20) T Dibenz[a,h]anthracene...	17.774	131153	0.906 ug/ml
21) T Benzo[g,h,i]perylene ...	17.967	177933	1.341 ug/ml

(f)=RT Delta > 1/2 Window

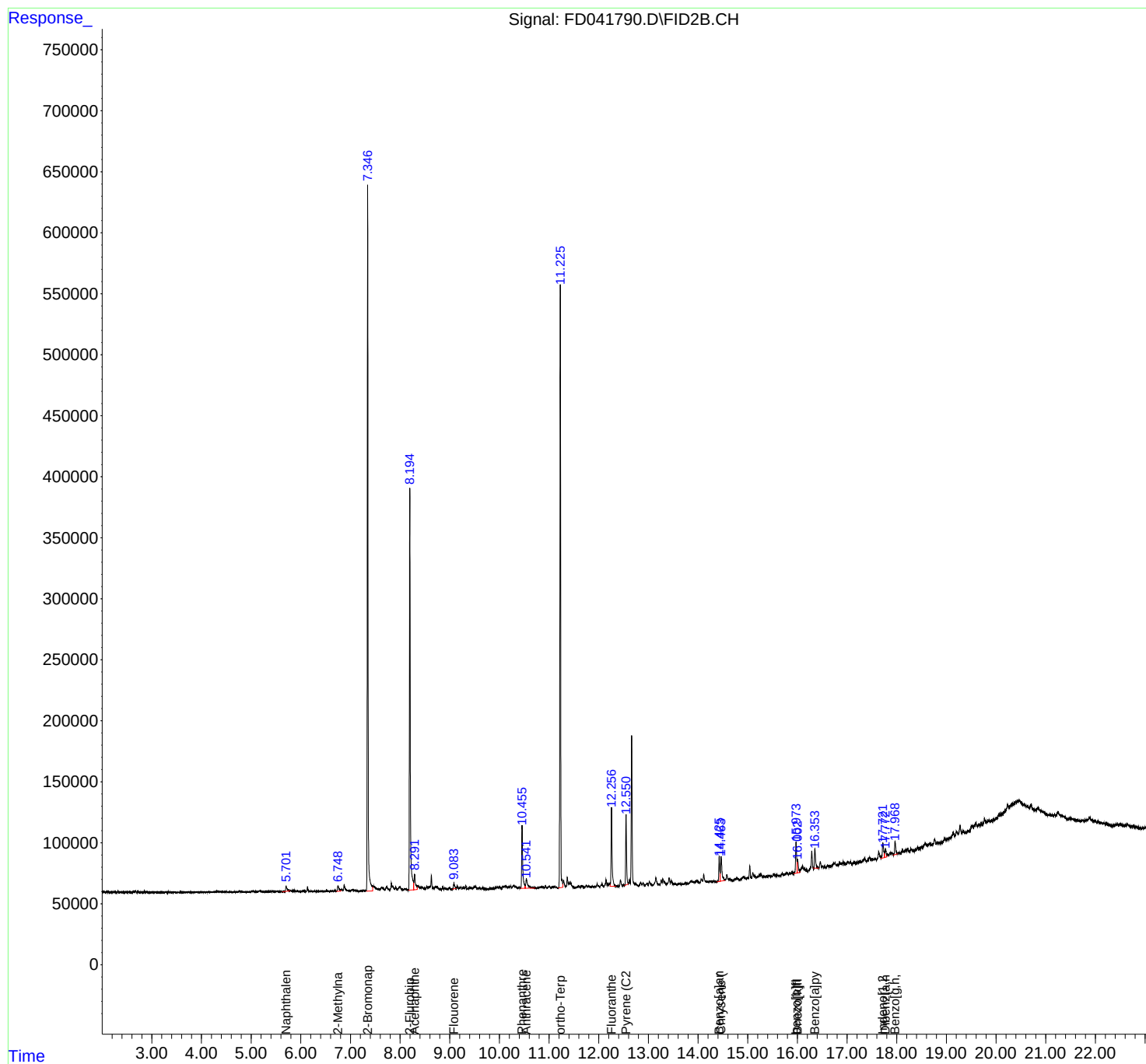
(m)=manual int.

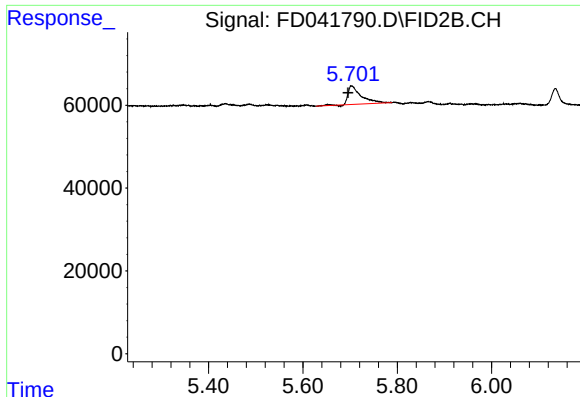
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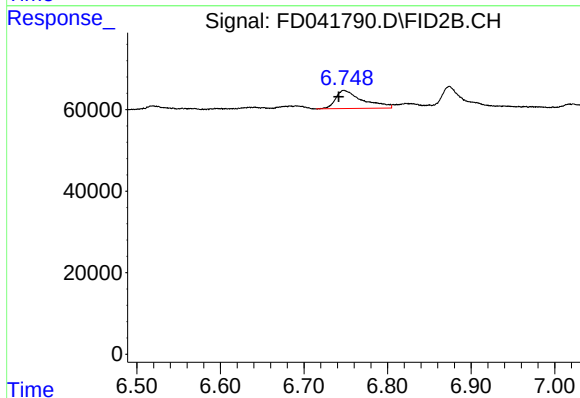




#2 Naphthalene (C11.7)

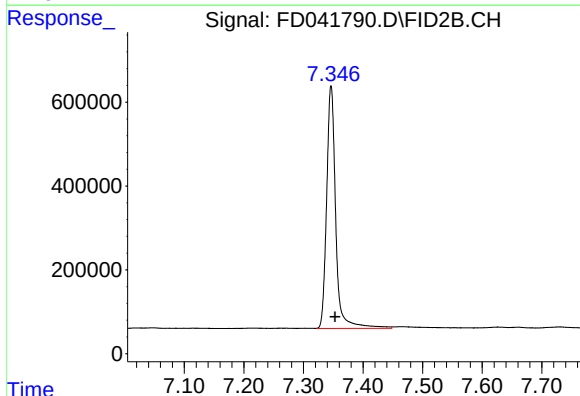
R.T.: 5.704 min
Delta R.T.: 0.008 min
Response: 88245
Conc: 0.50 ug/ml

Instrument :
FID_D
ClientSampleId :



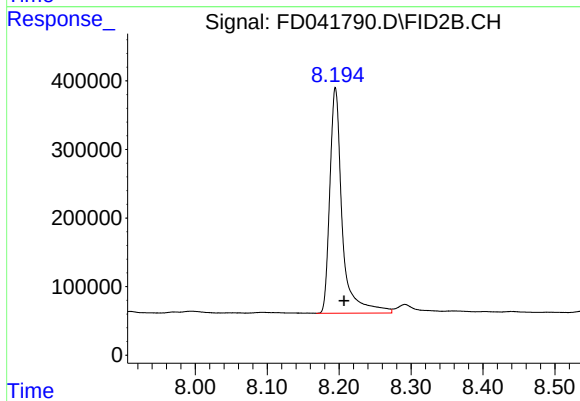
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.749 min
Delta R.T.: 0.007 min
Response: 100259
Conc: 0.63 ug/ml



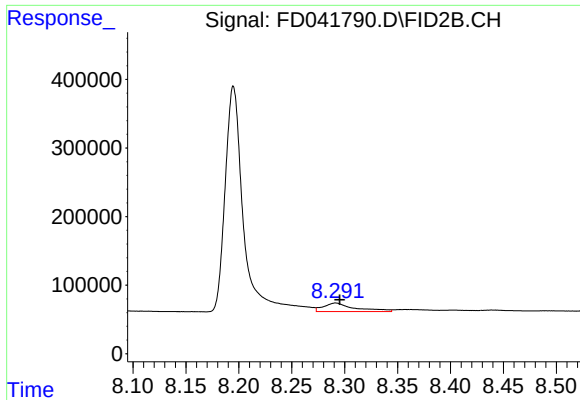
#4 2-Bromonaphthalene (SURR)

R.T.: 7.346 min
Delta R.T.: -0.006 min
Response: 6146184
Conc: 38.32 ug/ml



#6 2-Fluorobiphenyl (SURR)

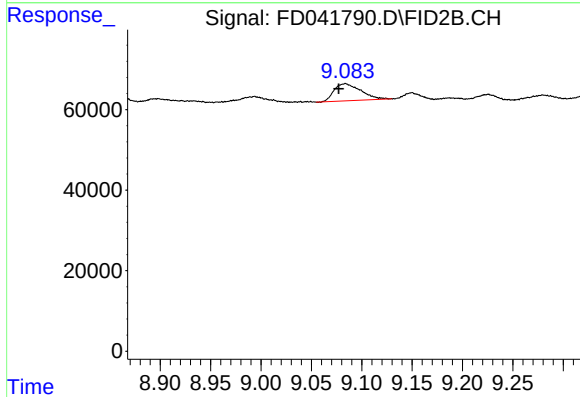
R.T.: 8.195 min
Delta R.T.: -0.012 min
Response: 3956518
Conc: 40.04 ug/ml



#7 Acenaphthene (C15.5)

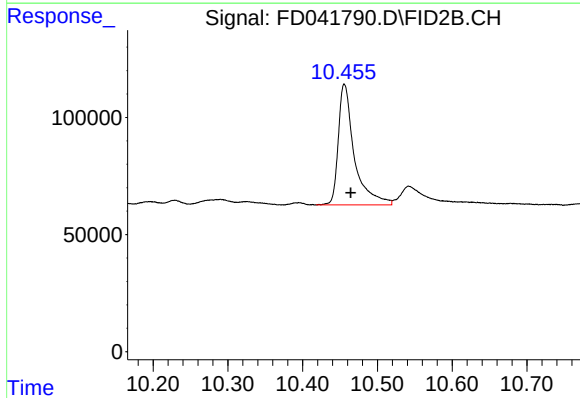
R.T.: 8.292 min
Delta R.T.: -0.004 min
Response: 258929
Conc: 1.35 ug/ml

Instrument :
FID_D
ClientSampleId :



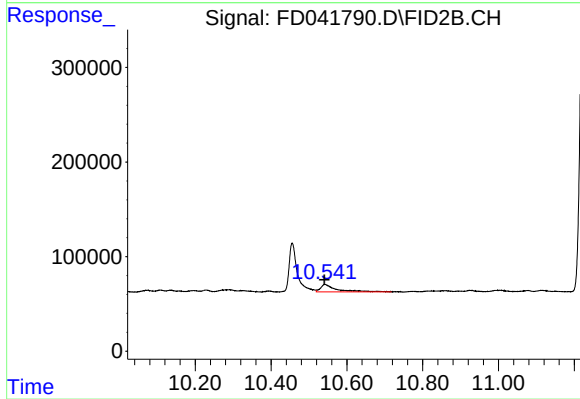
#8 Flouorene (C16.55)

R.T.: 9.083 min
Delta R.T.: 0.006 min
Response: 78744
Conc: 0.45 ug/ml



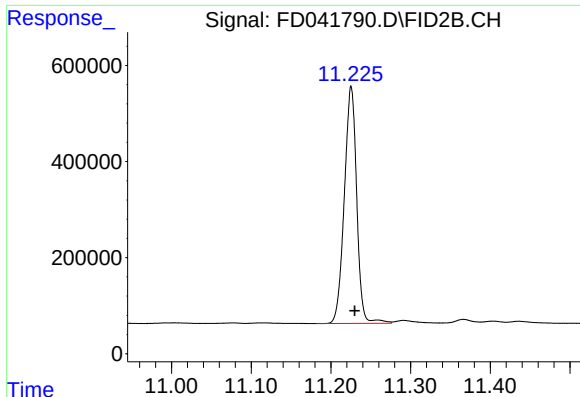
#9 Phenanthrene (C19.36)

R.T.: 10.456 min
Delta R.T.: -0.008 min
Response: 766719
Conc: 4.40 ug/ml



#10 Anthracene (C19.43)

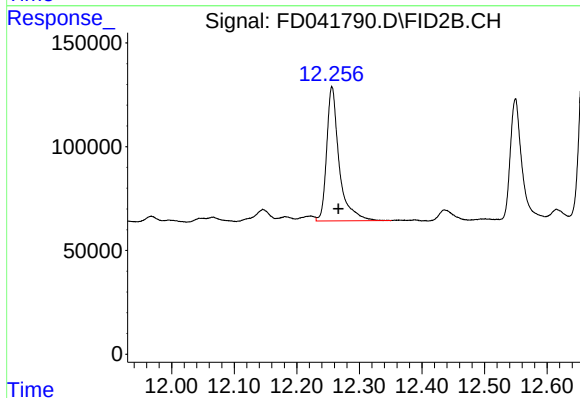
R.T.: 10.543 min
Delta R.T.: 0.002 min
Response: 229208
Conc: 1.26 ug/ml



#11 ortho-Terphenyl (SURR)

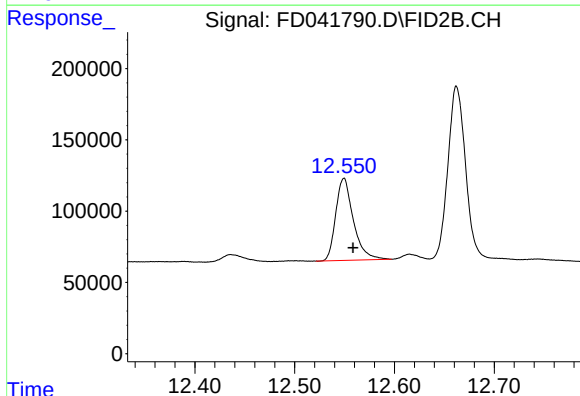
R.T.: 11.225 min
Delta R.T.: -0.005 min
Response: 5322608
Conc: 27.38 ug/ml

Instrument :
FID_D
ClientSampleId :



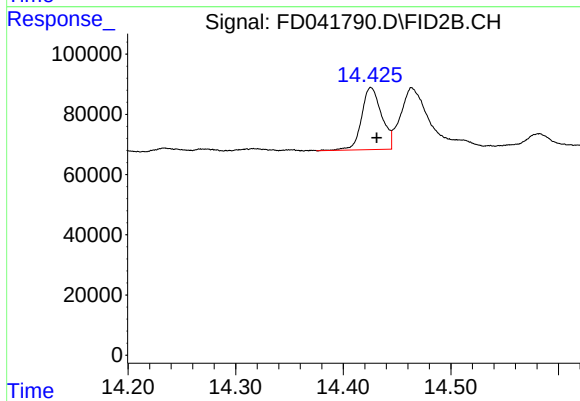
#12 Fluoranthene (C21.85)

R.T.: 12.256 min
Delta R.T.: -0.010 min
Response: 894829
Conc: 5.07 ug/ml



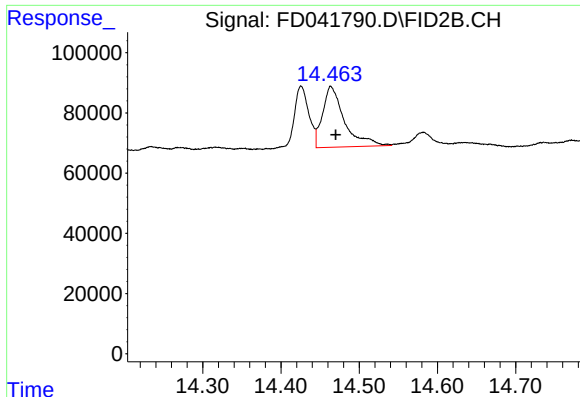
#13 Pyrene (C20.8)

R.T.: 12.549 min
Delta R.T.: -0.009 min
Response: 706126
Conc: 4.18 ug/ml



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

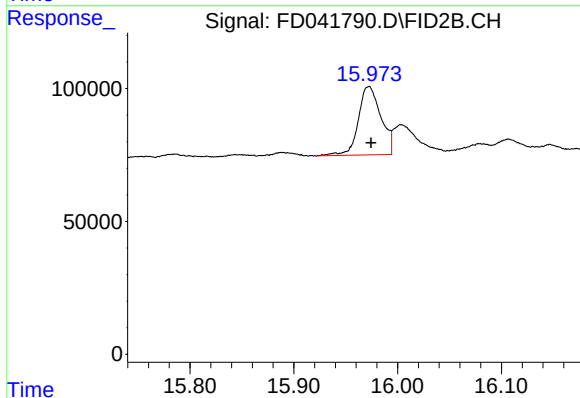
R.T.: 14.426 min
Delta R.T.: -0.005 min
Response: 267123
Conc: 1.79 ug/ml



#15 Chrysene (C27.41)

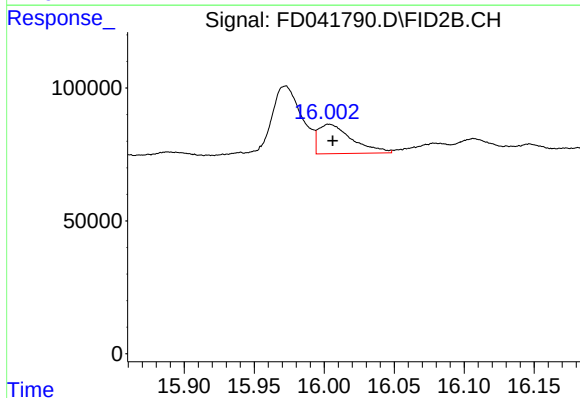
R.T.: 14.464 min
Delta R.T.: -0.006 min
Response: 393531
Conc: 2.19 ug/ml

Instrument :
FID_D
ClientSampleId :



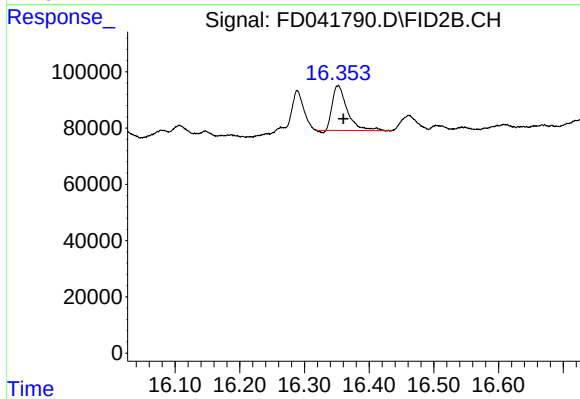
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.972 min
Delta R.T.: -0.002 min
Response: 388212
Conc: 2.62 ug/ml



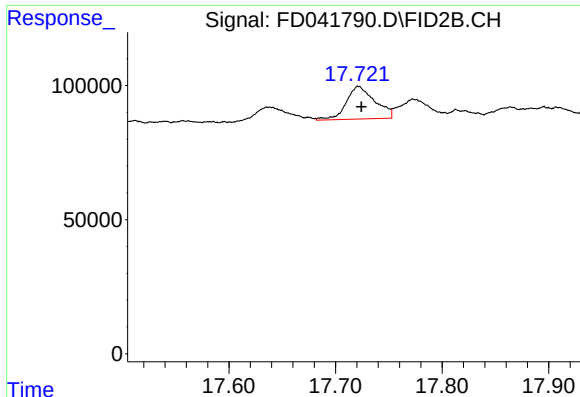
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.004 min
Delta R.T.: -0.002 min
Response: 184588
Conc: 1.12 ug/ml



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

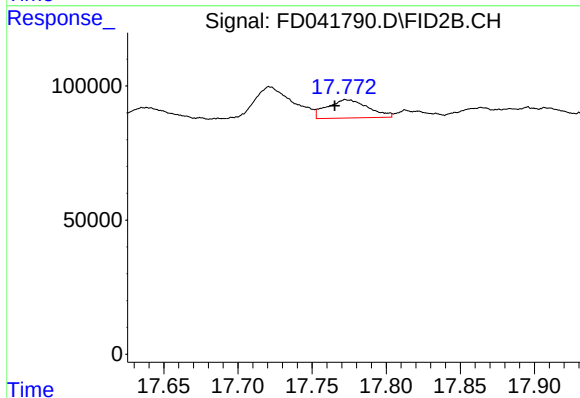
R.T.: 16.352 min
Delta R.T.: -0.008 min
Response: 253052
Conc: 1.80 ug/ml



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

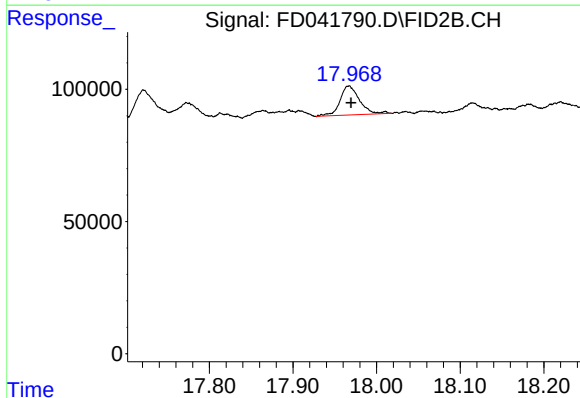
R.T.: 17.722 min
Delta R.T.: -0.003 min
Response: 228274
Conc: 2.07 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.774 min
Delta R.T.: 0.008 min
Response: 131153
Conc: 0.91 ug/ml



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

R.T.: 17.967 min
Delta R.T.: -0.003 min
Response: 177933
Conc: 1.34 ug/ml