

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032922AR\
 Data File : FD041791.D
 Signal(s) : FID2B.CH
 Acq On : 29 Mar 2022 22:49
 Operator : UA/NP
 Sample : N2155-05
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 30 02:22:47 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	5835273	36.382 ug/ml
Spiked Amount 50.000		Recovery =	72.76%
6) S 2-Fluorobiphenyl (SURR)	8.194	3728552	37.732 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	75.46%
11) S ortho-Terphenyl (SURR)	11.226	4467902	22.983 ug/ml
Spiked Amount 50.000		Recovery =	45.97%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.747	72333	0.452 ug/ml
5) T Acenaphthylene (C15.06)	7.992	80754	0.436 ug/ml
7) T Acenaphthene (C15.5)	8.291	256313	1.335 ug/ml
8) T Flouorene (C16.55)	9.083	77608	0.440 ug/ml
9) T Phenanthrene (C19.36)	10.457	616420	3.534 ug/ml
10) T Anthracene (C19.43)	10.545	129119	0.709 ug/ml
12) T Fluoranthene (C21.85)	12.258	815727	4.621 ug/ml
13) T Pyrene (C20.8)	12.551	638390	3.776 ug/ml
14) T Benzo[a]anthracene (C...	14.428	440418	2.945 ug/ml
15) T Chrysene (C27.41)	14.468	369596	2.053 ug/ml
16) T benzo[b]fluoranthene ...	15.975	308419	2.080 ug/ml
17) T Bnezo[k]fluoranthene ...	16.008	192612	1.166 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.355	180784	1.285 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.723	162957	1.480 ug/ml
20) T Dibenz[a,h]anthracene...	17.773	93892	0.649 ug/ml
21) T Benzo[g,h,i]perylene ...	17.966	240694	1.814 ug/ml

(f)=RT Delta > 1/2 Window

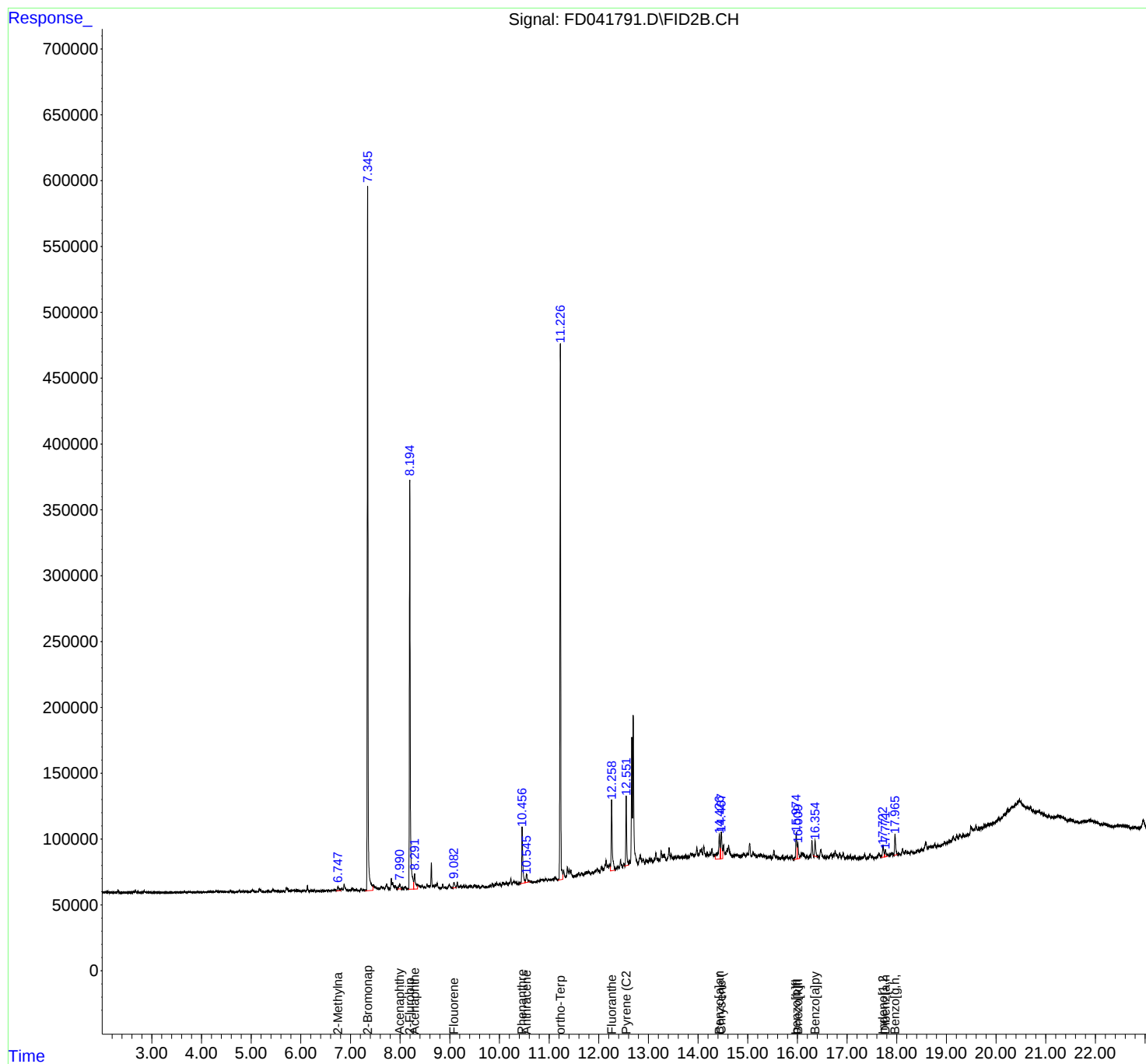
(m)=manual int.

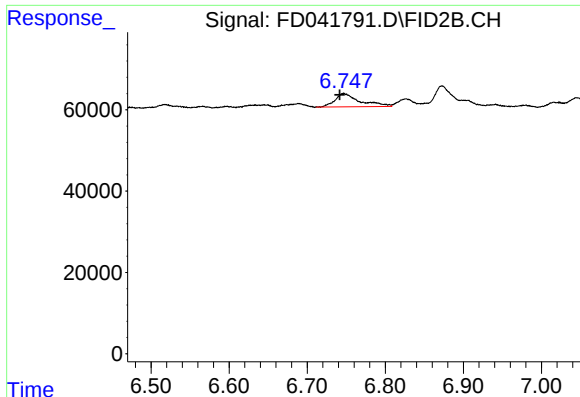
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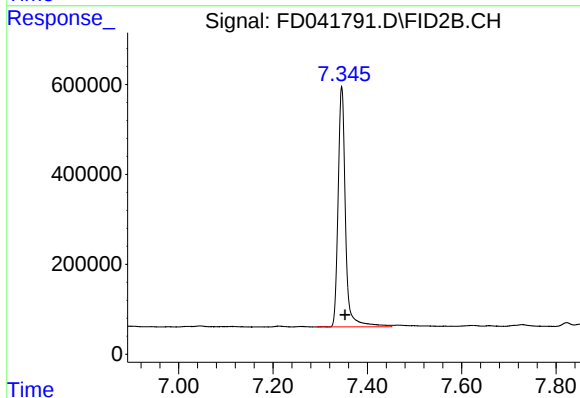




#3 2-Methylnaphthalene (C12.89)

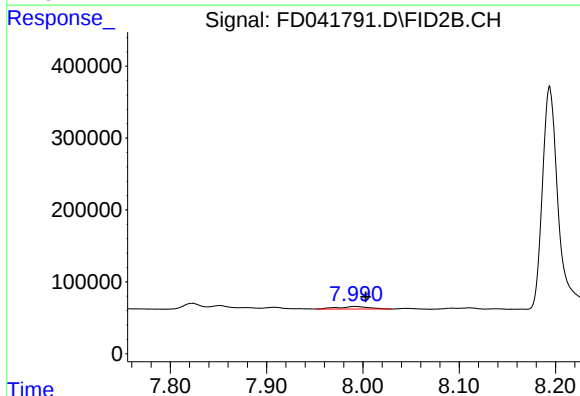
R.T.: 6.747 min
Delta R.T.: 0.006 min
Response: 72333
Conc: 0.45 ug/ml

Instrument :
FID_D
ClientSampleId :



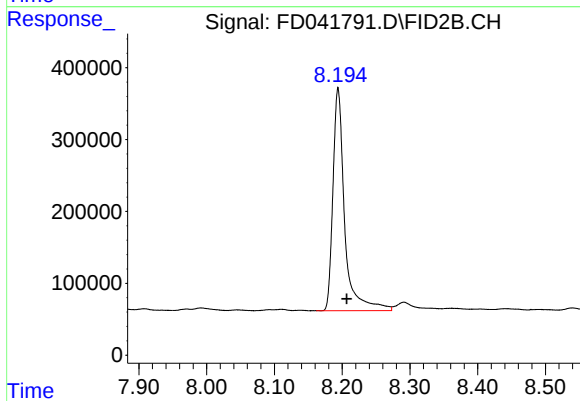
#4 2-Bromonaphthalene (SURR)

R.T.: 7.346 min
Delta R.T.: -0.007 min
Response: 5835273
Conc: 36.38 ug/ml



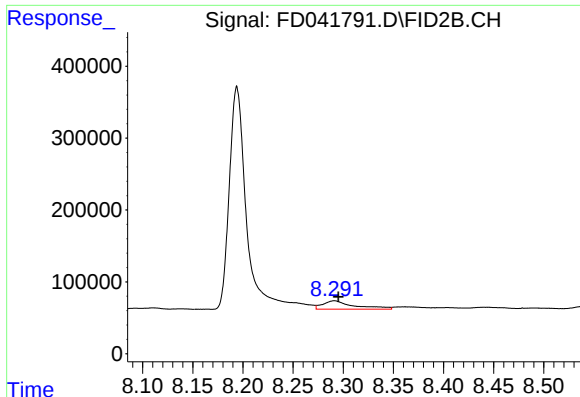
#5 Acenaphthylene (C15.06)

R.T.: 7.992 min
Delta R.T.: -0.011 min
Response: 80754
Conc: 0.44 ug/ml



#6 2-Fluorobiphenyl (SURR)

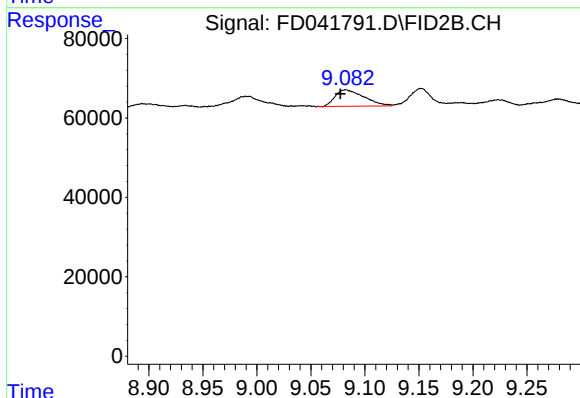
R.T.: 8.194 min
Delta R.T.: -0.013 min
Response: 3728552
Conc: 37.73 ug/ml



#7 Acenaphthene (C15.5)

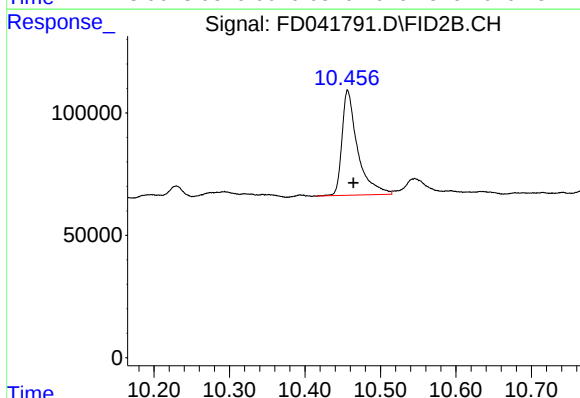
R.T.: 8.291 min
Delta R.T.: -0.004 min
Response: 256313
Conc: 1.34 ug/ml

Instrument :
FID_D
ClientSampleId :



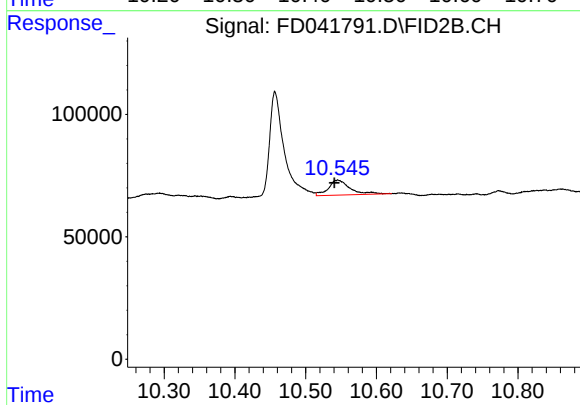
#8 Flouorene (C16.55)

R.T.: 9.083 min
Delta R.T.: 0.005 min
Response: 77608
Conc: 0.44 ug/ml



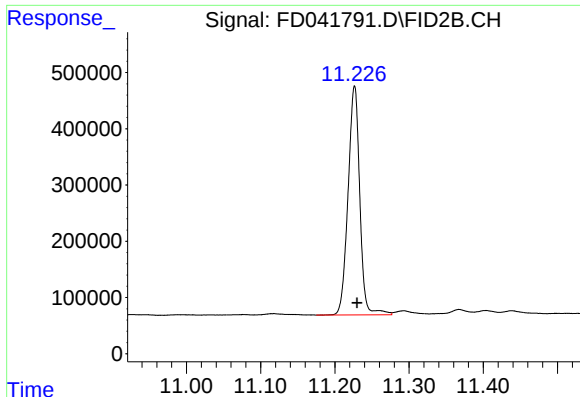
#9 Phenanthrene (C19.36)

R.T.: 10.457 min
Delta R.T.: -0.007 min
Response: 616420
Conc: 3.53 ug/ml



#10 Anthracene (C19.43)

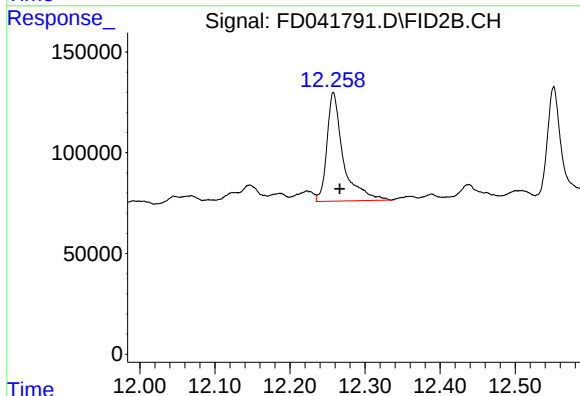
R.T.: 10.545 min
Delta R.T.: 0.005 min
Response: 129119
Conc: 0.71 ug/ml



#11 ortho-Terphenyl (SURR)

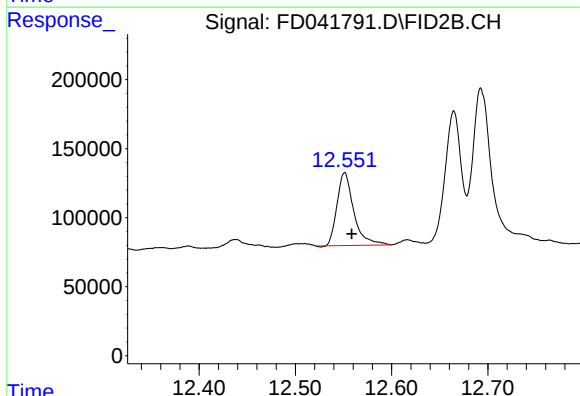
R.T.: 11.226 min
Delta R.T.: -0.004 min
Response: 4467902
Conc: 22.98 ug/ml

Instrument :
FID_D
ClientSampleId :



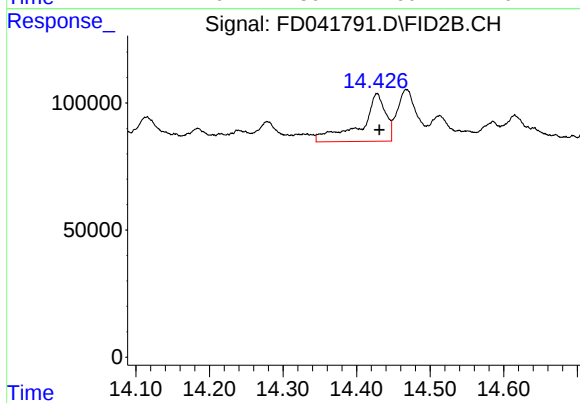
#12 Fluoranthene (C21.85)

R.T.: 12.258 min
Delta R.T.: -0.008 min
Response: 815727
Conc: 4.62 ug/ml



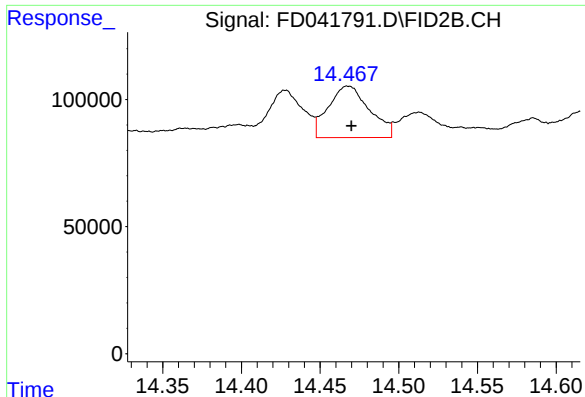
#13 Pyrene (C20.8)

R.T.: 12.551 min
Delta R.T.: -0.007 min
Response: 638390
Conc: 3.78 ug/ml



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

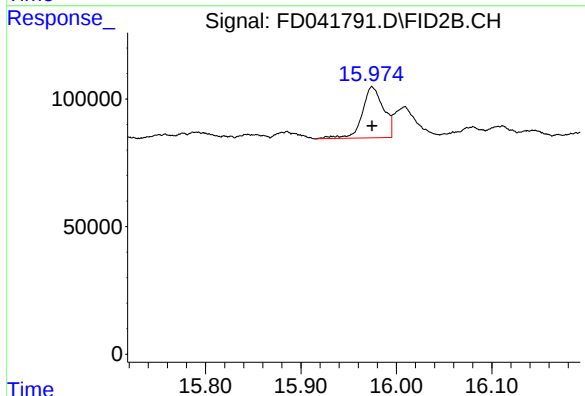
R.T.: 14.428 min
Delta R.T.: -0.003 min
Response: 440418
Conc: 2.95 ug/ml



#15 Chrysene (C27.41)

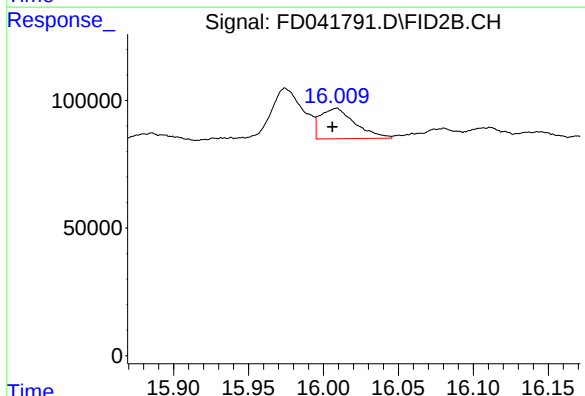
R.T.: 14.468 min
Delta R.T.: -0.002 min
Response: 369596
Conc: 2.05 ug/ml

Instrument :
FID_D
ClientSampleId :



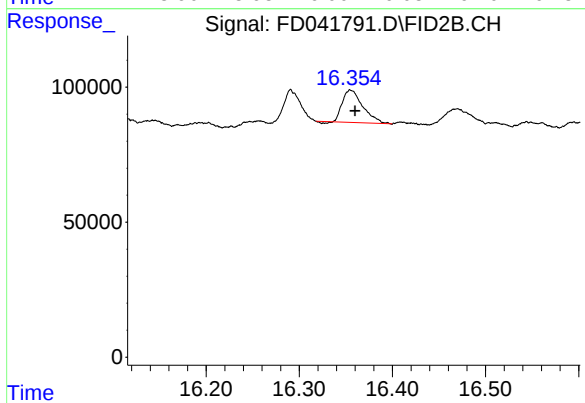
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.975 min
Delta R.T.: 0.000 min
Response: 308419
Conc: 2.08 ug/ml



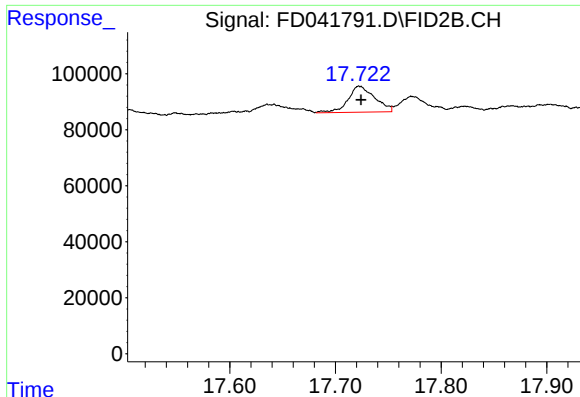
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.008 min
Delta R.T.: 0.002 min
Response: 192612
Conc: 1.17 ug/ml



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

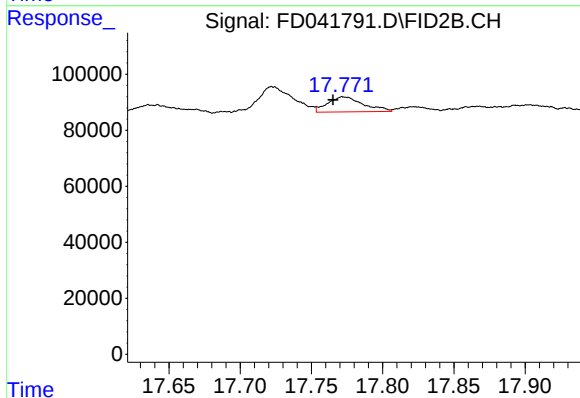
R.T.: 16.355 min
Delta R.T.: -0.005 min
Response: 180784
Conc: 1.29 ug/ml



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

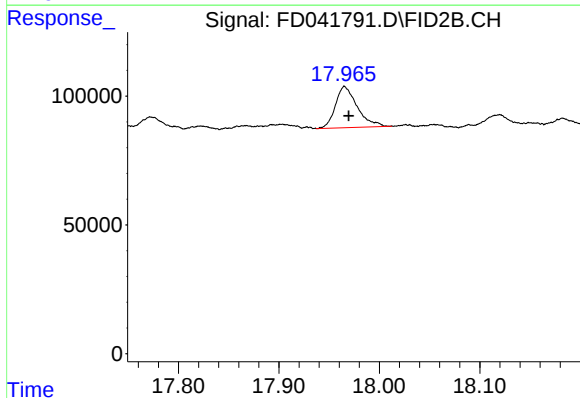
R.T.: 17.723 min
Delta R.T.: -0.001 min
Response: 162957
Conc: 1.48 ug/ml

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

R.T.: 17.773 min
Delta R.T.: 0.008 min
Response: 93892
Conc: 0.65 ug/ml



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

R.T.: 17.966 min
Delta R.T.: -0.004 min
Response: 240694
Conc: 1.81 ug/ml