

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032922AR\
 Data File : FD041792.D
 Signal(s) : FID2B.CH
 Acq On : 29 Mar 2022 23:27
 Operator : UA/NP
 Sample : N2155-06
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 30 02:22:59 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...	7.347	6037474	37.643 ug/ml
Spiked Amount 50.000		Recovery =	75.29%
6) S 2-Fluorobiphenyl (SURR)	8.196	3565052	36.078 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	72.16%
11) S ortho-Terphenyl (SURR)	11.228	5376909	27.660 ug/ml
Spiked Amount 50.000		Recovery =	55.32%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.749	73462	0.459 ug/ml
7) T Acenaphthene (C15.5)	8.292	240457	1.253 ug/ml
8) T Fluorene (C16.55)	9.085	61100	0.346 ug/ml
9) T Phenanthrene (C19.36)	10.459	703827	4.035 ug/ml
10) T Anthracene (C19.43)	10.545	184067	1.011 ug/ml
12) T Fluoranthene (C21.85)	12.259	872314	4.941 ug/ml
13) T Pyrene (C20.8)	12.552	642916	3.803 ug/ml
14) T Benzo[a]anthracene (C...	14.428	242428	1.621 ug/ml
15) T Chrysene (C27.41)	14.468	427318	2.374 ug/ml
16) T benzo[b]fluoranthene ...	15.974	378370	2.552 ug/ml
17) T Bnezo[k]fluoranthene ...	16.005	173392	1.049 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.353	225567	1.604 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.723	206095	1.871 ug/ml
20) T Dibenz[a,h]anthracene...	17.774	122980	0.849 ug/ml
21) T Benzo[g,h,i]perylene ...	17.968	162661	1.226 ug/ml

(f)=RT Delta > 1/2 Window

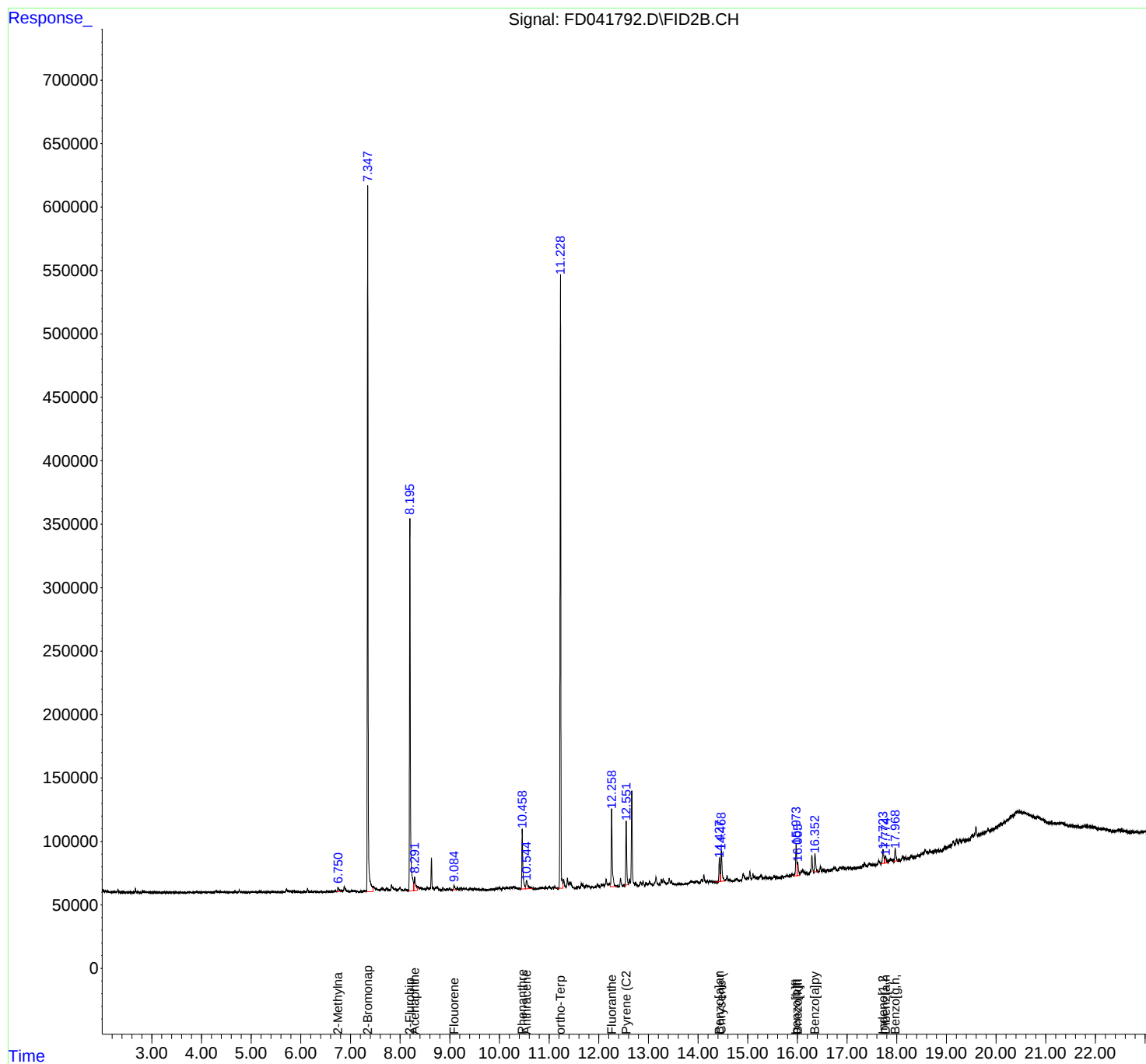
(m)=manual int.

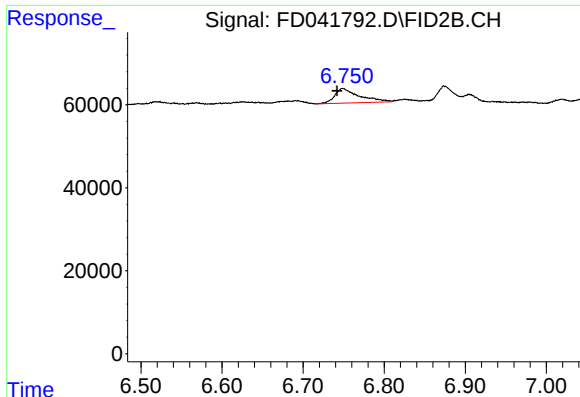
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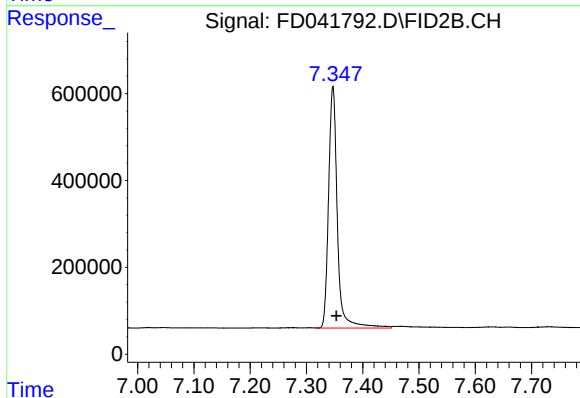




#3 2-Methylnaphthalene (C12.89)

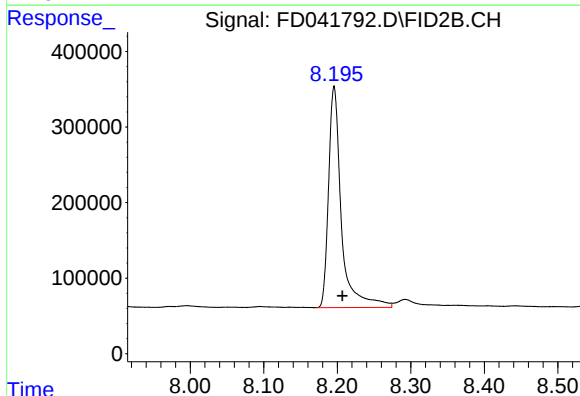
R.T.: 6.749 min
Delta R.T.: 0.008 min
Response: 73462
Conc: 0.46 ug/ml

Instrument :
FID_D
ClientSampleId :



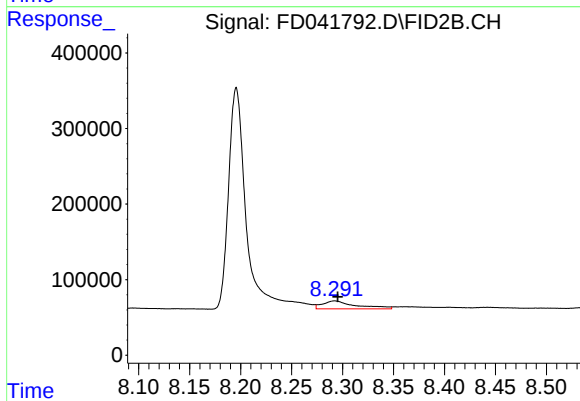
#4 2-Bromonaphthalene (SURR)

R.T.: 7.347 min
Delta R.T.: -0.006 min
Response: 6037474
Conc: 37.64 ug/ml



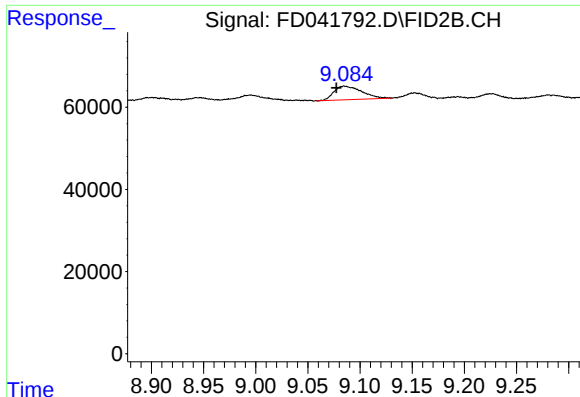
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.196 min
Delta R.T.: -0.011 min
Response: 3565052
Conc: 36.08 ug/ml



#7 Acenaphthene (C15.5)

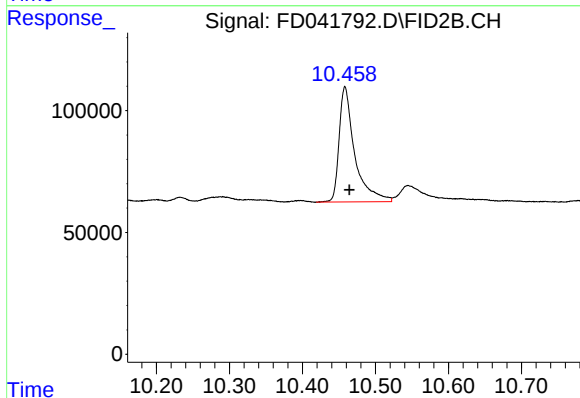
R.T.: 8.292 min
Delta R.T.: -0.003 min
Response: 240457
Conc: 1.25 ug/ml



#8 Fluorene (C16.55)

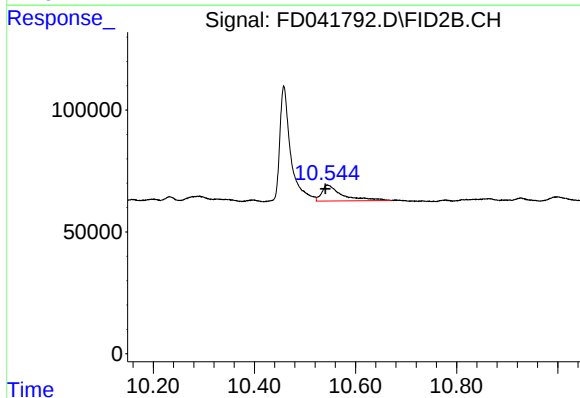
R.T.: 9.085 min
Delta R.T.: 0.008 min
Response: 61100
Conc: 0.35 ug/ml

Instrument :
FID_D
ClientSampleId :



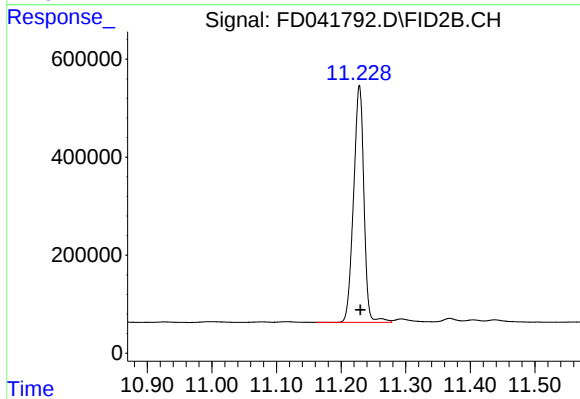
#9 Phenanthrene (C19.36)

R.T.: 10.459 min
Delta R.T.: -0.006 min
Response: 703827
Conc: 4.04 ug/ml



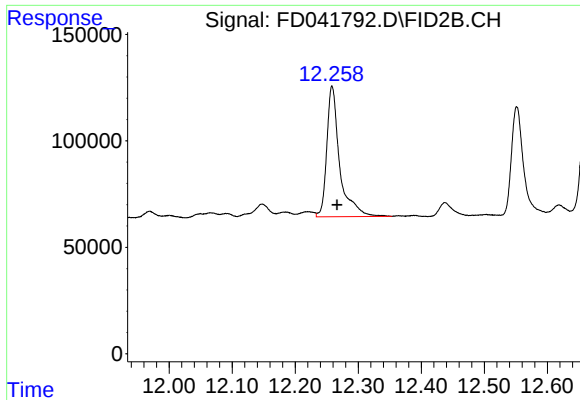
#10 Anthracene (C19.43)

R.T.: 10.545 min
Delta R.T.: 0.005 min
Response: 184067
Conc: 1.01 ug/ml



#11 ortho-Terphenyl (SURR)

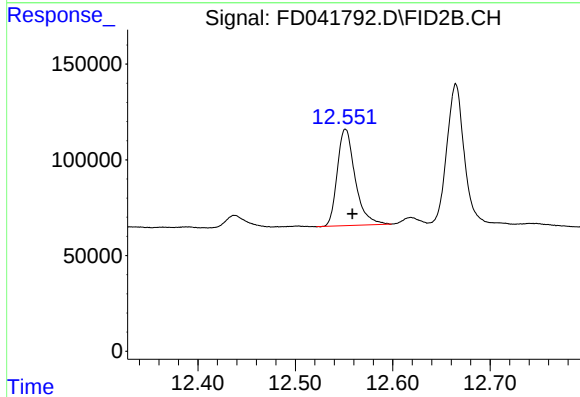
R.T.: 11.228 min
Delta R.T.: -0.002 min
Response: 5376909
Conc: 27.66 ug/ml



#12 Fluoranthene (C21.85)

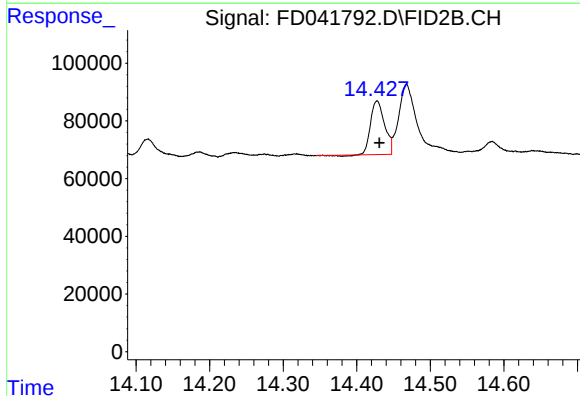
R.T.: 12.259 min
Delta R.T.: -0.008 min
Response: 872314
Conc: 4.94 ug/ml

Instrument :
FID_D
ClientSampleId :



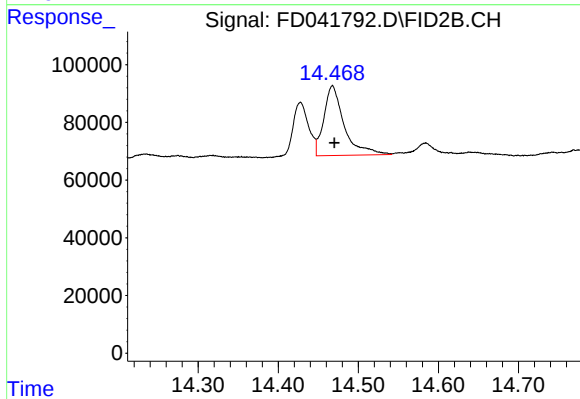
#13 Pyrene (C20.8)

R.T.: 12.552 min
Delta R.T.: -0.007 min
Response: 642916
Conc: 3.80 ug/ml



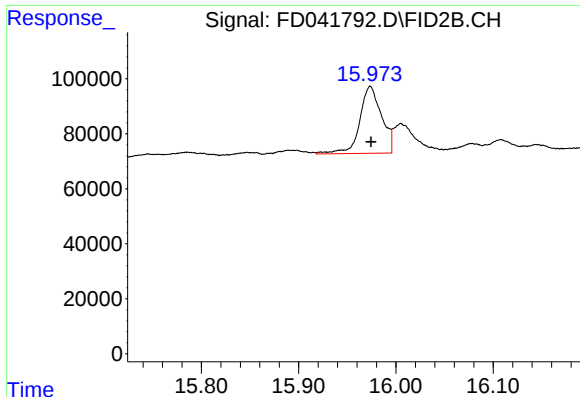
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.428 min
Delta R.T.: -0.003 min
Response: 242428
Conc: 1.62 ug/ml



#15 Chrysene (C27.41)

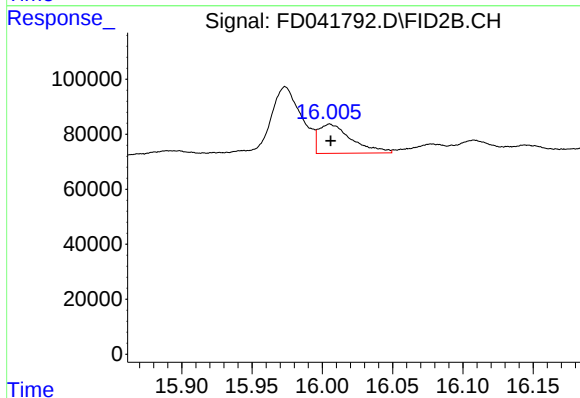
R.T.: 14.468 min
Delta R.T.: -0.002 min
Response: 427318
Conc: 2.37 ug/ml



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

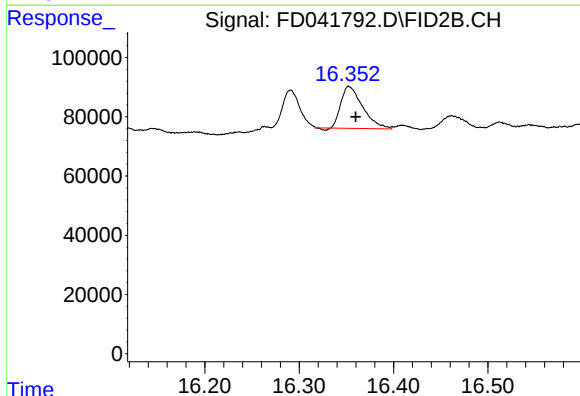
R.T.: 15.974 min
Delta R.T.: 0.000 min
Response: 378370
Conc: 2.55 ug/ml

Instrument :
FID_D
ClientSampleId :



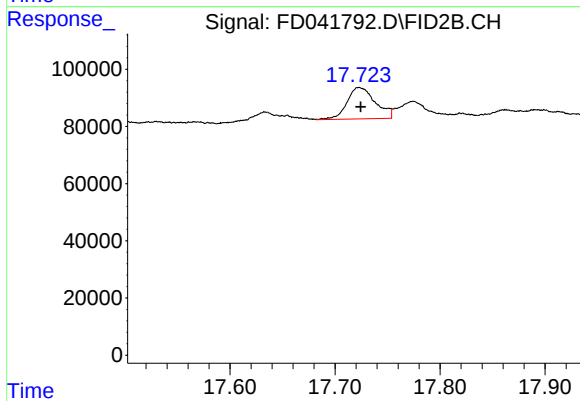
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.005 min
Delta R.T.: 0.000 min
Response: 173392
Conc: 1.05 ug/ml



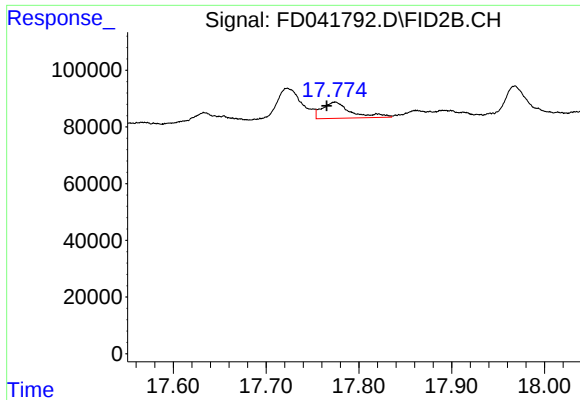
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.353 min
Delta R.T.: -0.007 min
Response: 225567
Conc: 1.60 ug/ml



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

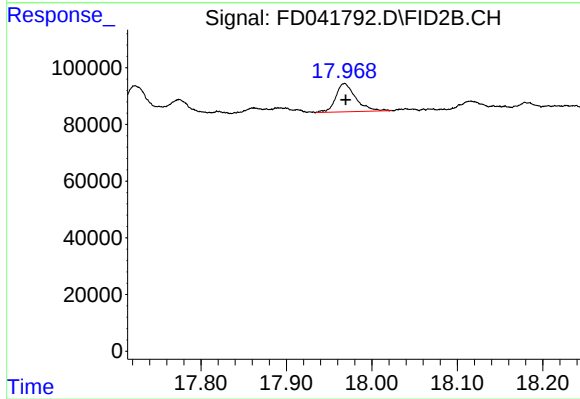
R.T.: 17.723 min
Delta R.T.: 0.000 min
Response: 206095
Conc: 1.87 ug/ml



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

R.T.: 17.774 min
Delta R.T.: 0.009 min
Response: 122980
Conc: 0.85 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.968 min
Delta R.T.: -0.002 min
Response: 162661
Conc: 1.23 ug/ml