

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032522AR\
 Data File : FD041724.D
 Signal(s) : FID2B.CH
 Acq On : 25 Mar 2022 14:50
 Operator : UA/NP
 Sample : N2077-07DL 20X
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 25 22:32:38 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032222.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 22 17:33:18 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...	7.359	365904	2.281 ug/ml
Spiked Amount 50.000		Recovery =	4.56%
6) S 2-Fluorobiphenyl (SURR)	8.221	74545	0.754 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	1.51%
11) S ortho-Terphenyl (SURR)	11.229	586898	3.019 ug/ml
Spiked Amount 50.000		Recovery =	6.04%
Target Compounds			
5) T Acenaphthylene (C15.06)	8.000	117711	0.636 ug/ml
7) T Acenaphthene (C15.5)	8.260	82479	0.430 ug/ml
8) T Fluorene (C16.55)	9.091	93143	0.528 ug/ml
9) T Phenanthrene (C19.36)	10.481	165727	0.950 ug/ml
10) T Anthracene (C19.43)	10.561	136220	0.748 ug/ml
12) T Fluoranthene (C21.85)	12.273	168548	0.955 ug/ml
13) T Pyrene (C20.8)	12.561	282210	1.669 ug/ml
14) T Benzo[a]anthracene (C...	14.427	2161317	14.454 ug/ml
15) T Chrysene (C27.41)	14.469	4086063	22.701 ug/ml
16) T benzo[b]fluoranthene ...	15.978	1383776	9.332 ug/ml
17) T Bnezo[k]fluoranthene ...	15.978	1383776	8.374 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.356	378408	2.690 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.772	208985	1.897 ug/ml
20) T Dibenz[a,h]anthracene...	17.772	208985	1.444 ug/ml
21) T Benzo[g,h,i]perylene ...	17.978	130258	0.981 ug/ml

(f)=RT Delta > 1/2 Window

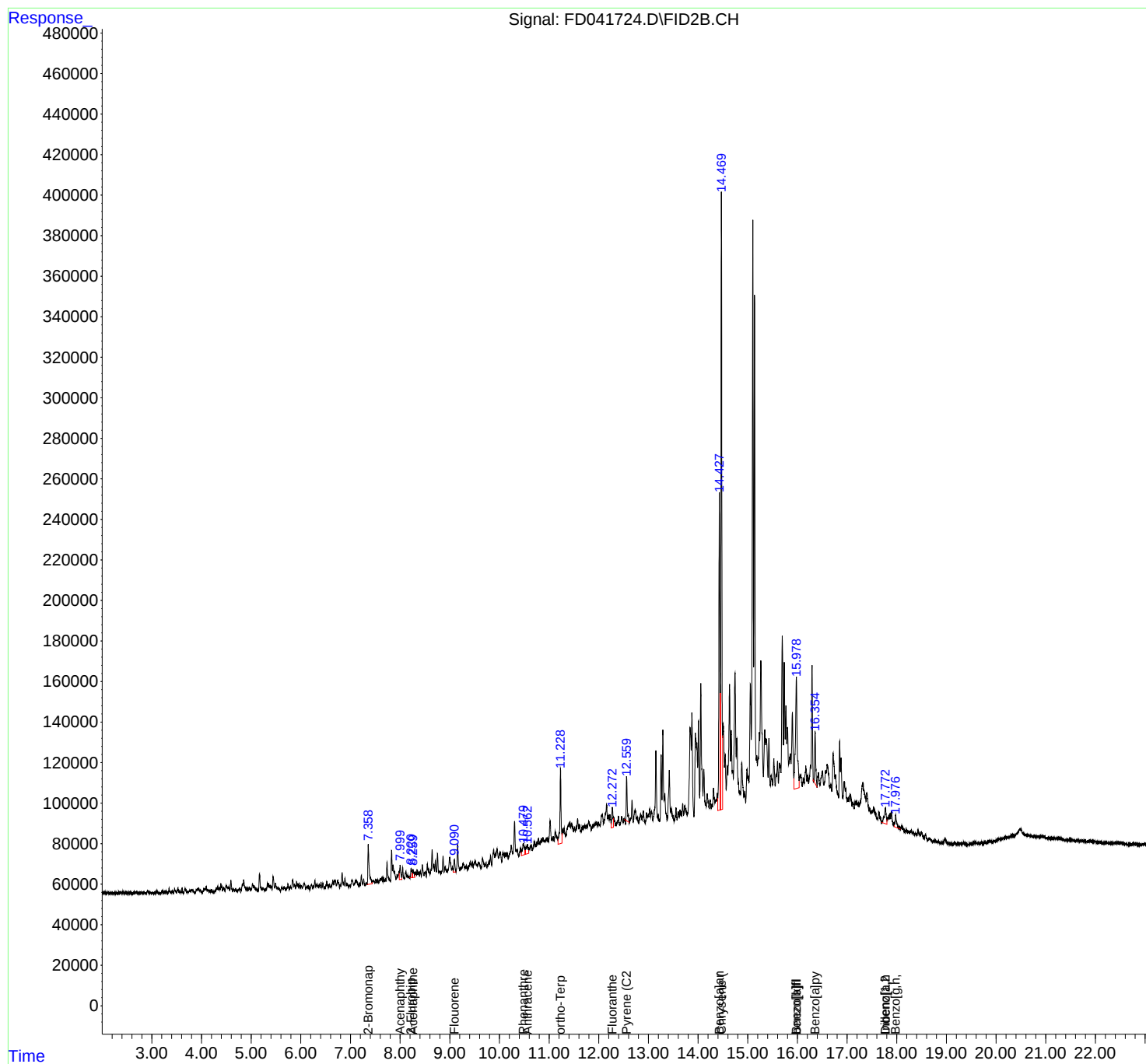
(m)=manual int.

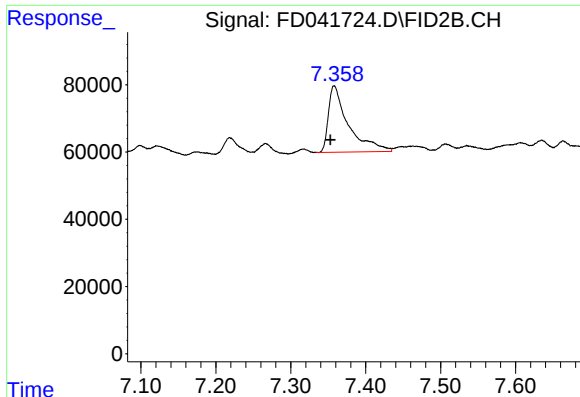
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Signal Info : 20M x 0.18mm x 0.18µm

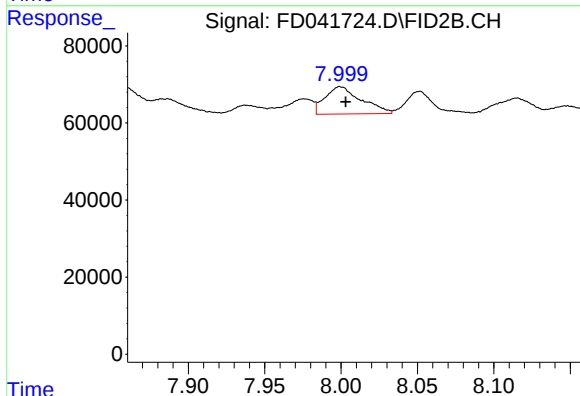




#4 2-Bromonaphthalene (SURR)

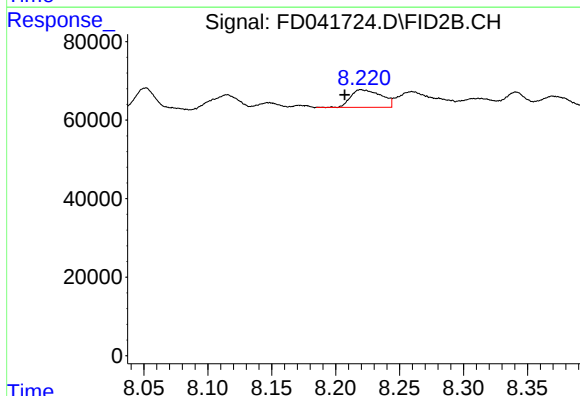
R.T.: 7.359 min
Delta R.T.: 0.006 min
Response: 365904
Conc: 2.28 ug/ml

Instrument :
FID_D
ClientSampleId :



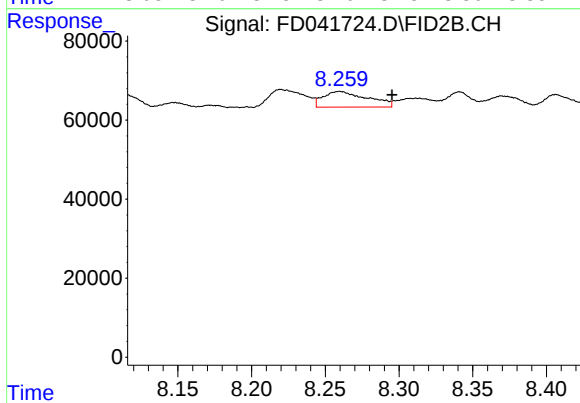
#5 Acenaphthylene (C15.06)

R.T.: 8.000 min
Delta R.T.: -0.003 min
Response: 117711
Conc: 0.64 ug/ml



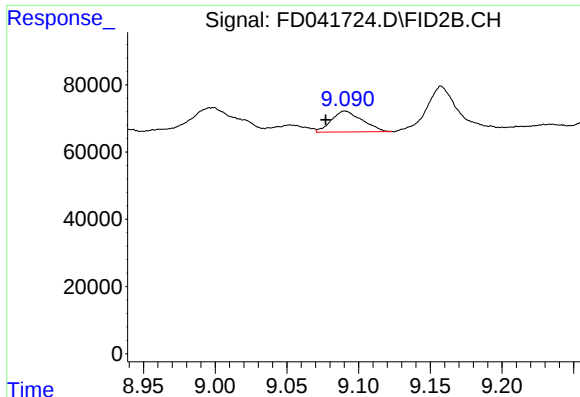
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.221 min
Delta R.T.: 0.014 min
Response: 74545
Conc: 0.75 ug/ml



#7 Acenaphthene (C15.5)

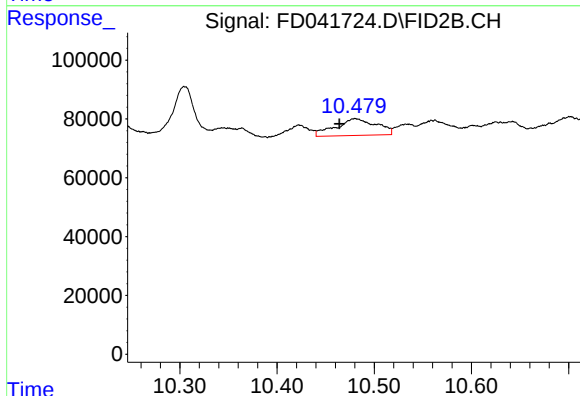
R.T.: 8.260 min
Delta R.T.: -0.036 min
Response: 82479
Conc: 0.43 ug/ml



#8 Flouorene (C16.55)

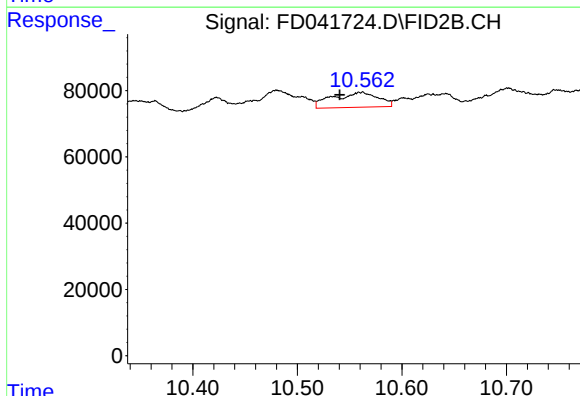
R.T.: 9.091 min
Delta R.T.: 0.014 min
Response: 93143
Conc: 0.53 ug/ml

Instrument :
FID_D
ClientSampleId :



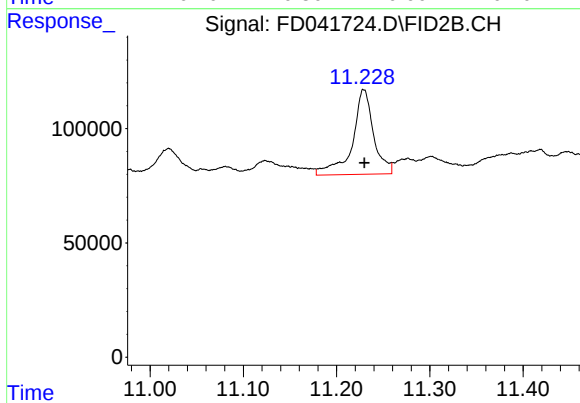
#9 Phenanthrene (C19.36)

R.T.: 10.481 min
Delta R.T.: 0.016 min
Response: 165727
Conc: 0.95 ug/ml



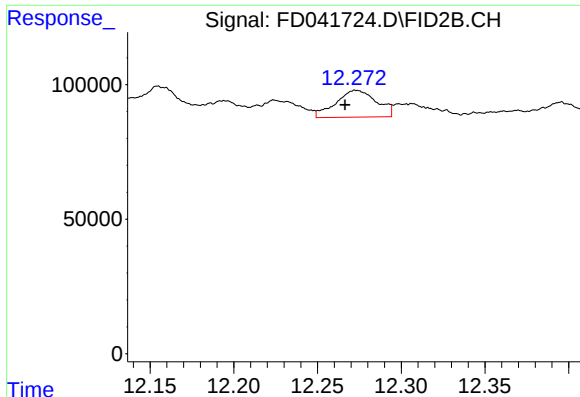
#10 Anthracene (C19.43)

R.T.: 10.561 min
Delta R.T.: 0.020 min
Response: 136220
Conc: 0.75 ug/ml



#11 ortho-Terphenyl (SURR)

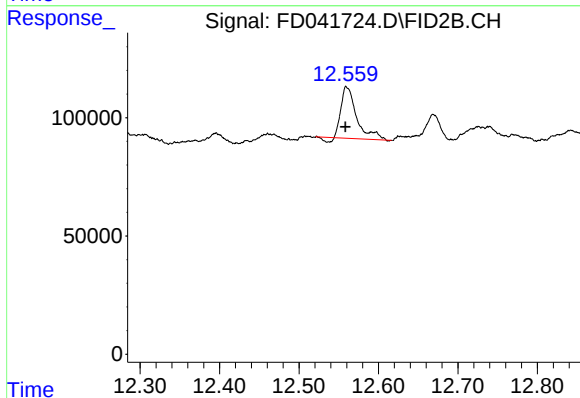
R.T.: 11.229 min
Delta R.T.: 0.000 min
Response: 586898
Conc: 3.02 ug/ml



#12 Fluoranthene (C21.85)

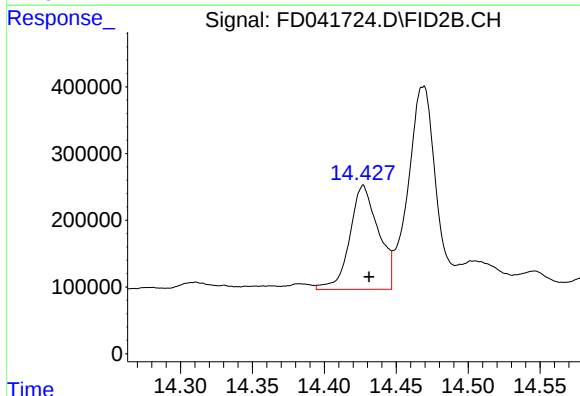
R.T.: 12.273 min
Delta R.T.: 0.007 min
Response: 168548
Conc: 0.95 ug/ml

Instrument :
FID_D
ClientSampleId :



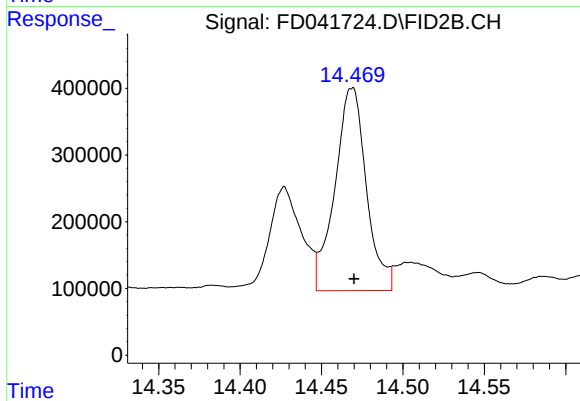
#13 Pyrene (C20.8)

R.T.: 12.561 min
Delta R.T.: 0.002 min
Response: 282210
Conc: 1.67 ug/ml



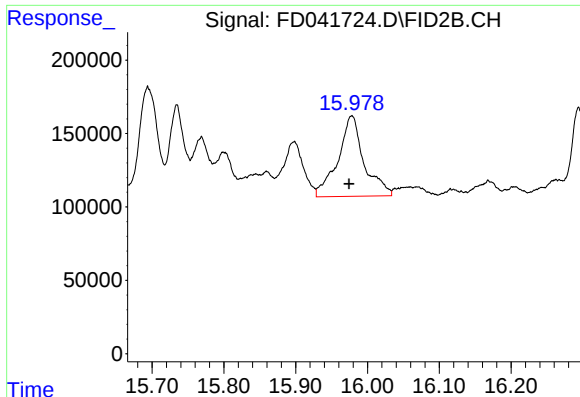
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.427 min
Delta R.T.: -0.004 min
Response: 2161317
Conc: 14.45 ug/ml



#15 Chrysene (C27.41)

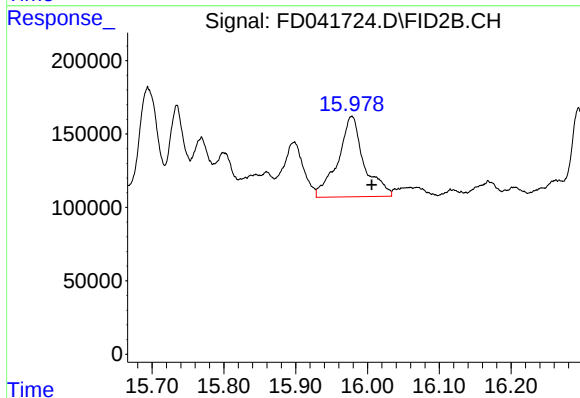
R.T.: 14.469 min
Delta R.T.: -0.001 min
Response: 4086063
Conc: 22.70 ug/ml



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

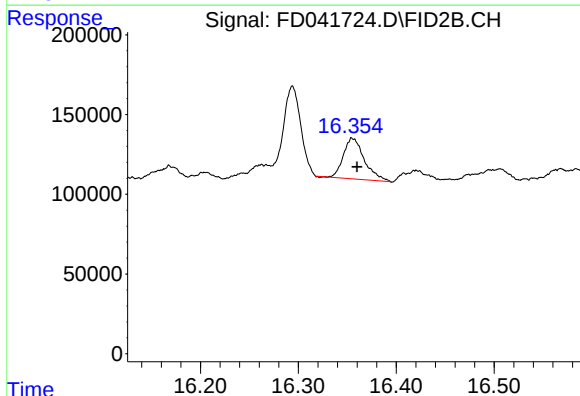
R.T.: 15.978 min
Delta R.T.: 0.004 min
Response: 1383776
Conc: 9.33 ug/ml

Instrument :
FID_D
ClientSampleId :



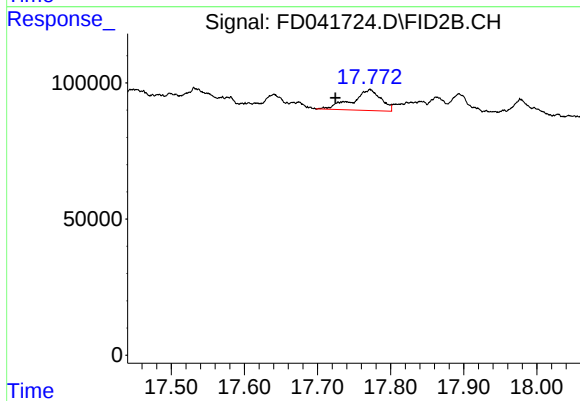
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.978 min
Delta R.T.: -0.028 min
Response: 1383776
Conc: 8.37 ug/ml



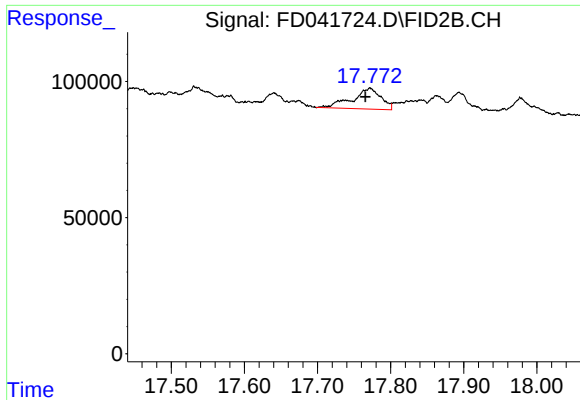
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.356 min
Delta R.T.: -0.004 min
Response: 378408
Conc: 2.69 ug/ml



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

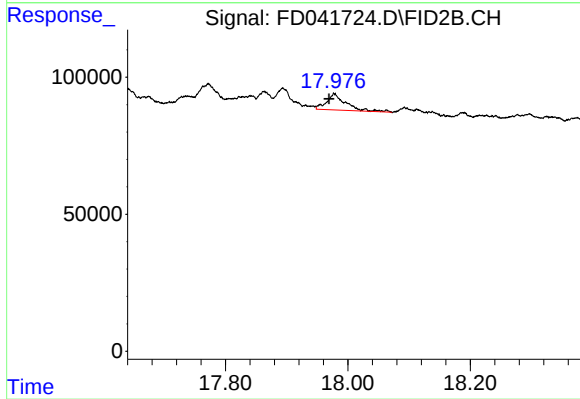
R.T.: 17.772 min
Delta R.T.: 0.047 min
Response: 208985
Conc: 1.90 ug/ml



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

R.T.: 17.772 min
Delta R.T.: 0.006 min
Response: 208985
Conc: 1.44 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.978 min
Delta R.T.: 0.008 min
Response: 130258
Conc: 0.98 ug/ml