

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050422AR\
 Data File : FD042296.D
 Signal(s) : FID2B.CH
 Acq On : 04 May 2022 21:37
 Operator : UA/NP
 Sample : N2659-03D
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 05 01:58:13 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	6232470	44.464 ug/ml
Spiked Amount 50.000		Recovery =	88.93%
6) S 2-Fluorobiphenyl (SURR)	8.197	3532270	49.574 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	99.15%
11) S ortho-Terphenyl (SURR)	11.225	7184316	41.449 ug/ml
Spiked Amount 50.000		Recovery =	82.90%
Target Compounds			
2) T Naphthalene (C11.7)	5.706	121810	0.772 ug/ml
3) T 2-Methylnaphthalene (...)	6.748	183078	1.266 ug/ml
5) T Acenaphthylene (C15.06)	8.001	166519	1.010 ug/ml
7) T Acenaphthene (C15.5)	8.292	494741	2.635 ug/ml
8) T Fluorene (C16.55)	9.076	419437	2.754 ug/ml
9) T Phenanthrene (C19.36)	10.455	2058233	13.861 ug/ml
10) T Anthracene (C19.43)	10.541	394245	2.355 ug/ml
12) T Fluoranthene (C21.85)	12.258	1695811	10.811 ug/ml
13) T Pyrene (C20.8)	12.550	1309100	8.026 ug/ml
14) T Benzo[a]anthracene (C...	14.427	586565	4.904 ug/ml
15) T Chrysene (C27.41)	14.466	712733	3.885 ug/ml
16) T benzo[b]fluoranthene ...	15.977	729541	5.556 ug/ml
17) T Bnezo[k]fluoranthene ...	15.977	729541	4.220 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.356	498747	3.380 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.728	258707	2.592 ug/ml
20) T Dibenzo[a,h]anthracene...	17.772	116440	0.742 ug/ml
21) T Benzo[g,h,i]perylene ...	17.975	231935	1.675 ug/ml

(f)=RT Delta > 1/2 Window

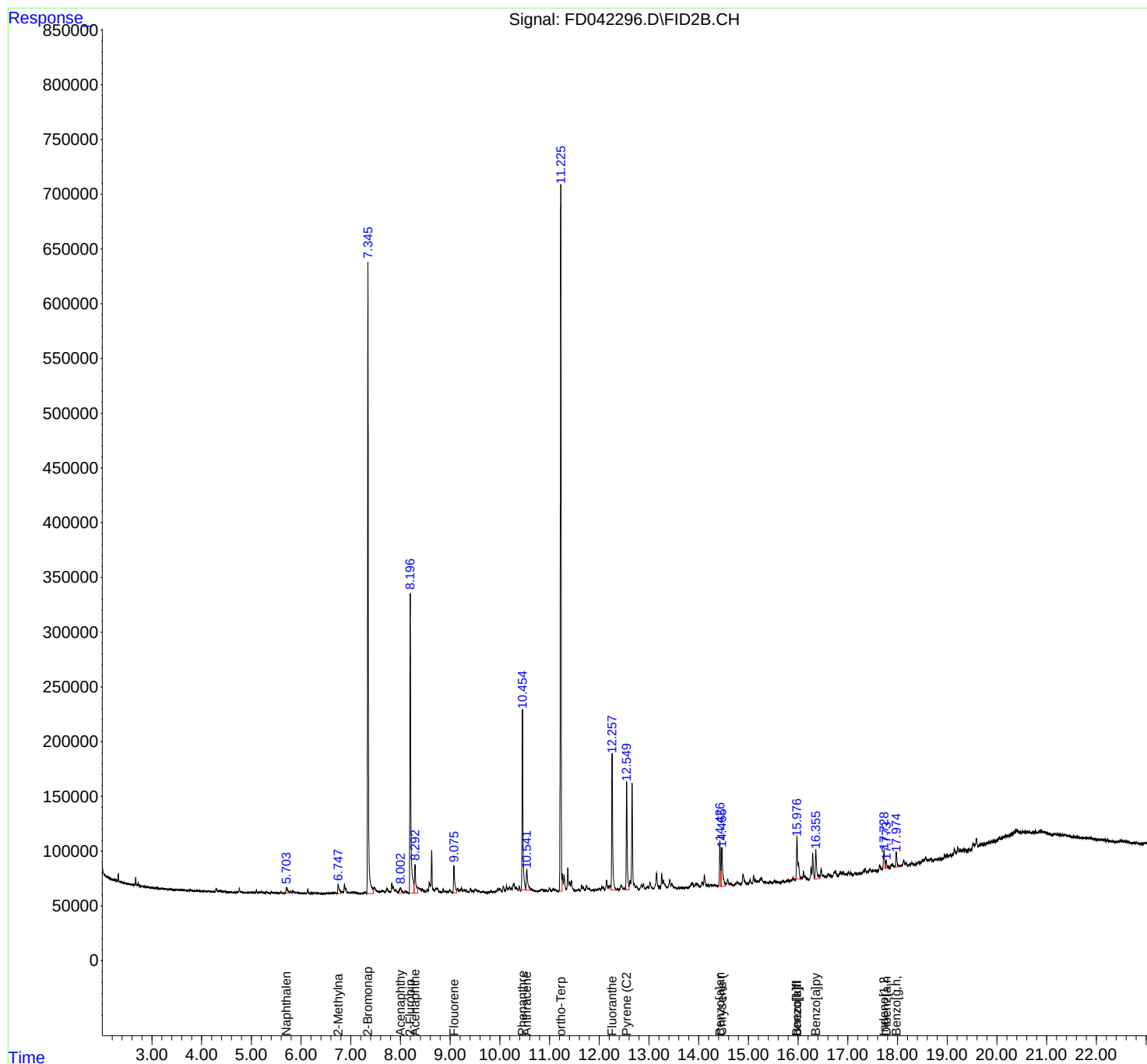
(m)=manual int.

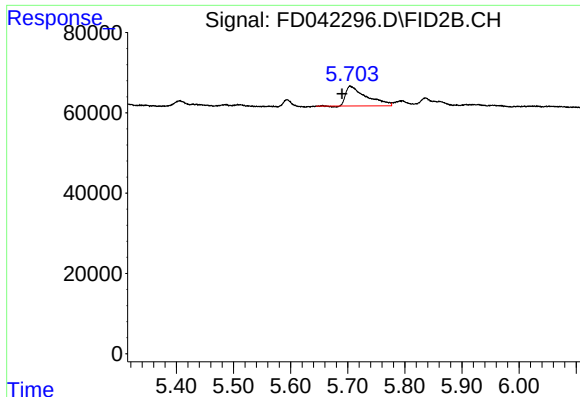
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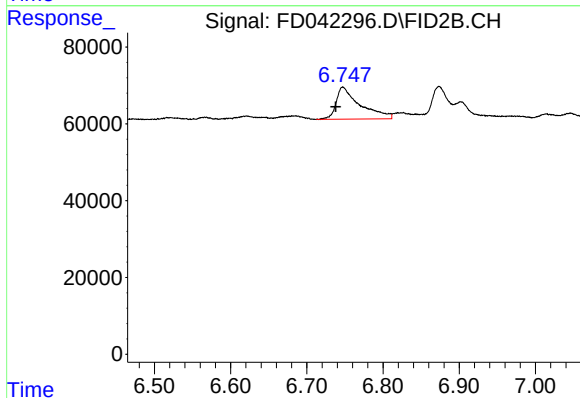




#2 Naphthalene (C11.7)

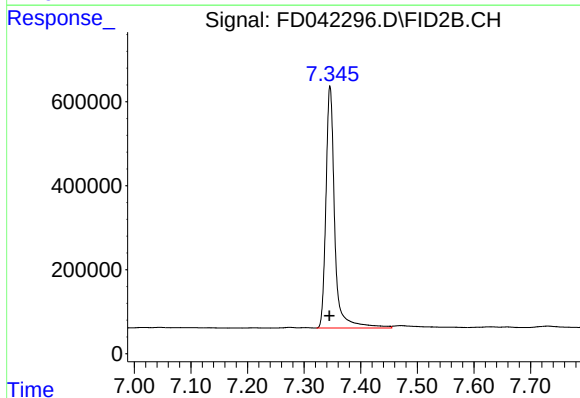
R.T.: 5.706 min
Delta R.T.: 0.015 min
Response: 121810
Conc: 0.77 ug/ml

Instrument :
FID_D
ClientSampleId :



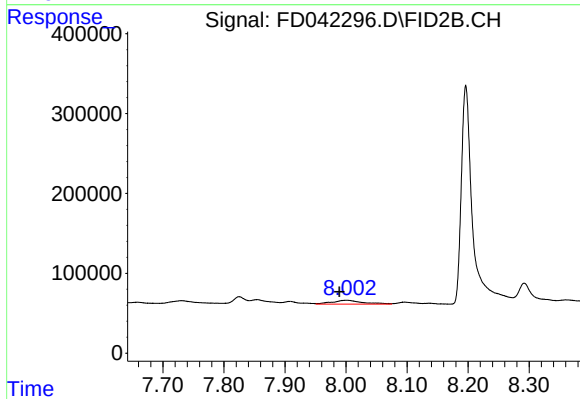
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.748 min
Delta R.T.: 0.010 min
Response: 183078
Conc: 1.27 ug/ml



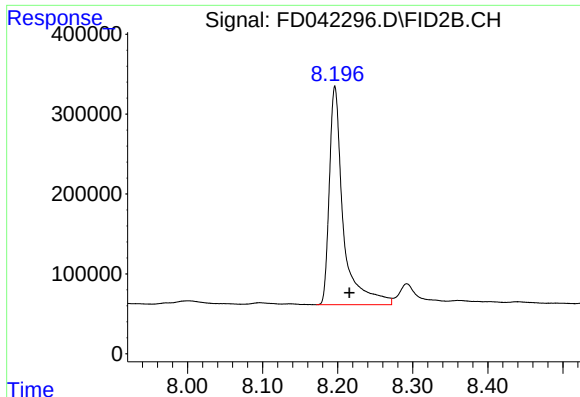
#4 2-Bromonaphthalene (SURR)

R.T.: 7.346 min
Delta R.T.: 0.000 min
Response: 6232470
Conc: 44.46 ug/ml



#5 Acenaphthylene (C15.06)

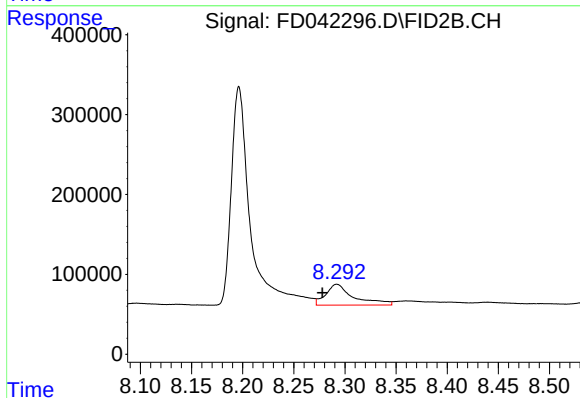
R.T.: 8.001 min
Delta R.T.: 0.011 min
Response: 166519
Conc: 1.01 ug/ml



#6 2-Fluorobiphenyl (SURR)

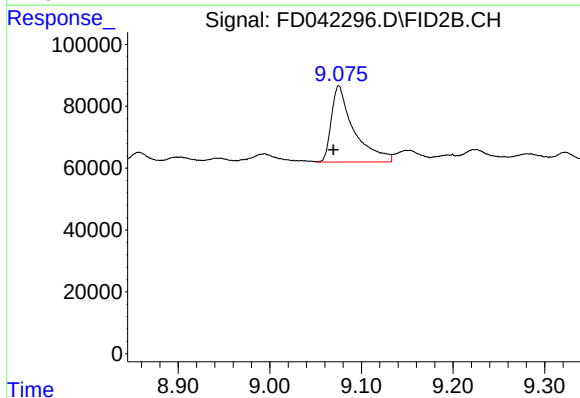
R.T.: 8.197 min
Delta R.T.: -0.019 min
Response: 3532270
Conc: 49.57 ug/ml

Instrument :
FID_D
ClientSampleId :



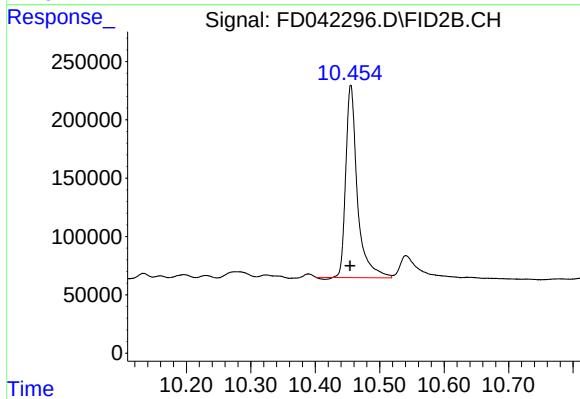
#7 Acenaphthene (C15.5)

R.T.: 8.292 min
Delta R.T.: 0.014 min
Response: 494741
Conc: 2.64 ug/ml



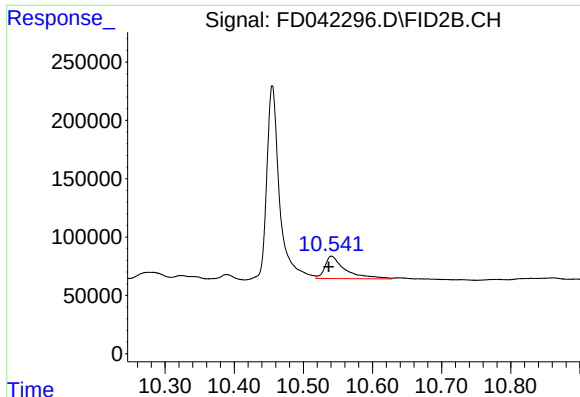
#8 Flouorene (C16.55)

R.T.: 9.076 min
Delta R.T.: 0.006 min
Response: 419437
Conc: 2.75 ug/ml



#9 Phenanthrene (C19.36)

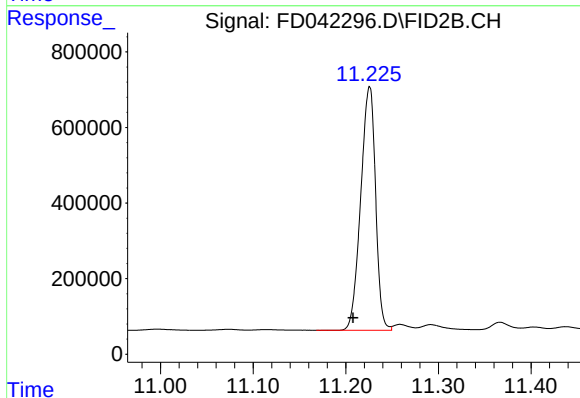
R.T.: 10.455 min
Delta R.T.: 0.001 min
Response: 2058233
Conc: 13.86 ug/ml



#10 Anthracene (C19.43)

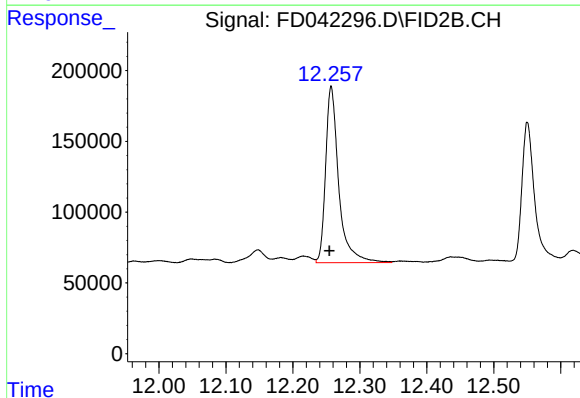
R.T.: 10.541 min
Delta R.T.: 0.004 min
Response: 394245
Conc: 2.35 ug/ml

Instrument :
FID_D
ClientSampleId :



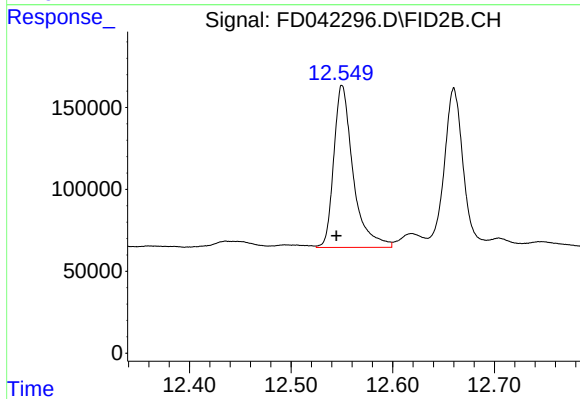
#11 ortho-Terphenyl (SURR)

R.T.: 11.225 min
Delta R.T.: 0.017 min
Response: 7184316
Conc: 41.45 ug/ml



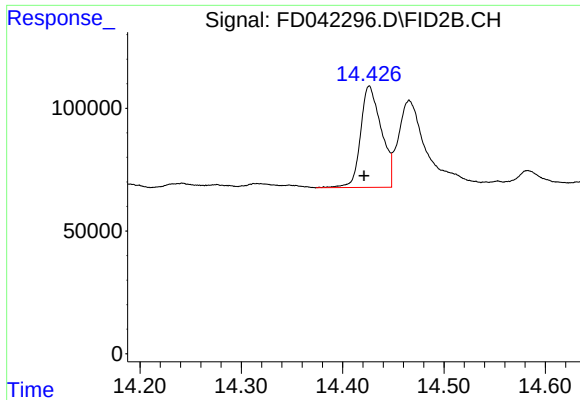
#12 Fluoranthene (C21.85)

R.T.: 12.258 min
Delta R.T.: 0.003 min
Response: 1695811
Conc: 10.81 ug/ml



#13 Pyrene (C20.8)

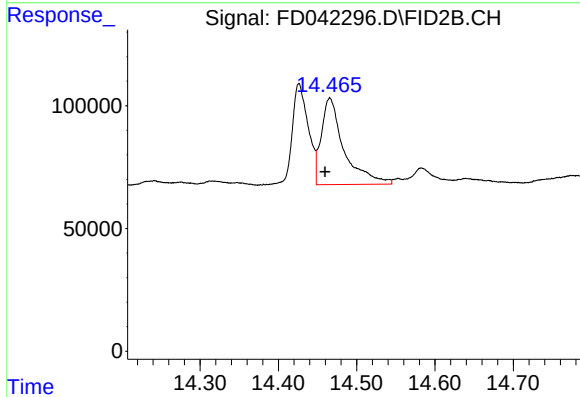
R.T.: 12.550 min
Delta R.T.: 0.006 min
Response: 1309100
Conc: 8.03 ug/ml



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

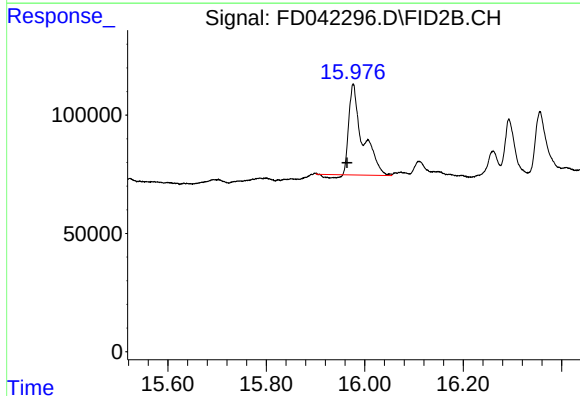
R.T.: 14.427 min
Delta R.T.: 0.005 min
Response: 586565
Conc: 4.90 ug/ml

Instrument :
FID_D
ClientSampleId :



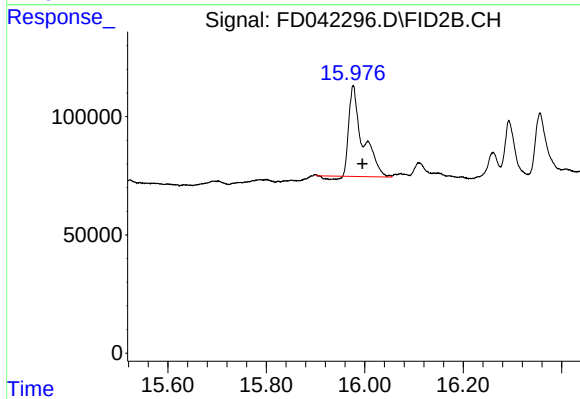
#15 Chrysene (C27.41)

R.T.: 14.466 min
Delta R.T.: 0.006 min
Response: 712733
Conc: 3.88 ug/ml



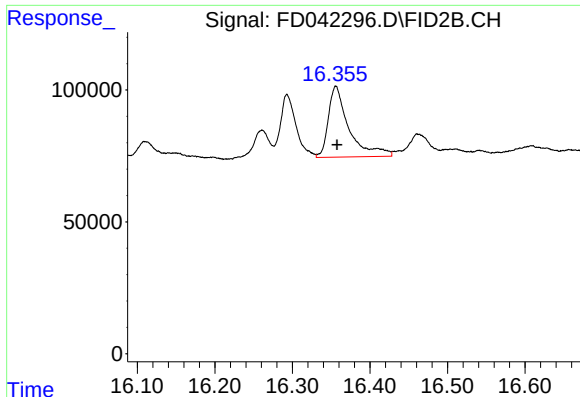
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.977 min
Delta R.T.: 0.013 min
Response: 729541
Conc: 5.56 ug/ml



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

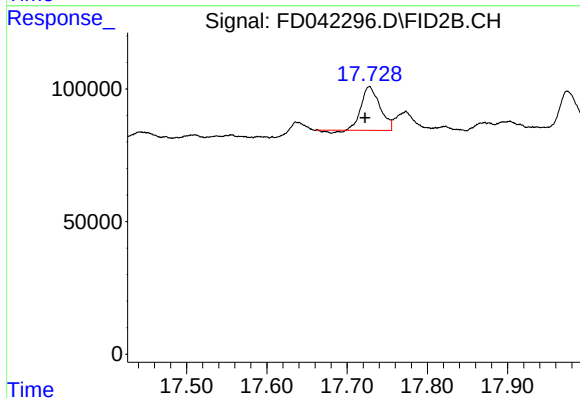
R.T.: 15.977 min
Delta R.T.: -0.019 min
Response: 729541
Conc: 4.22 ug/ml



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

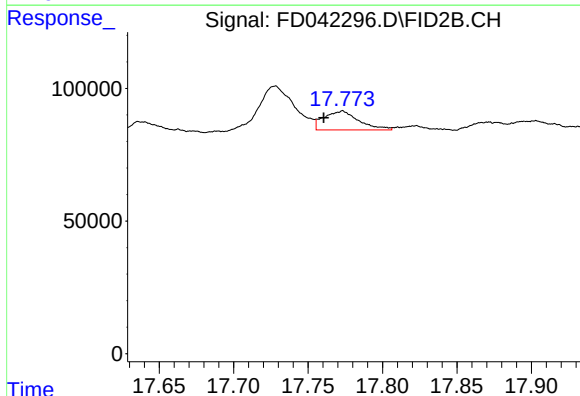
R.T.: 16.356 min
Delta R.T.: -0.002 min
Response: 498747
Conc: 3.38 ug/ml

Instrument :
FID_D
ClientSampleId :



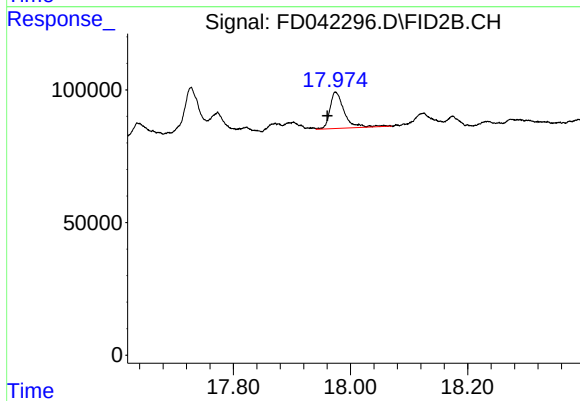
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.728 min
Delta R.T.: 0.005 min
Response: 258707
Conc: 2.59 ug/ml



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

R.T.: 17.772 min
Delta R.T.: 0.012 min
Response: 116440
Conc: 0.74 ug/ml



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

R.T.: 17.975 min
Delta R.T.: 0.015 min
Response: 231935
Conc: 1.67 ug/ml