

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051121AR\
 Data File : FD037455.D
 Signal(s) : FID2B.CH
 Acq On : 11 May 2021 10:24
 Operator : DD\AJ
 Sample : M2262-03
 Misc : MDL-SOIL- 2.5 PPM
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 12 03:54:21 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042121.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 22 07:01:17 2021
 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...	7.564	4329297	36.615 ug/ml
Spiked Amount 50.000		Recovery =	73.23%
6) S 2-Fluorobiphenyl (SURR)	8.423	2157200	27.957 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	55.91%
11) S ortho-Terphenyl (SURR)	11.465	4965268	40.199 ug/ml
Spiked Amount 50.000		Recovery =	80.40%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.364	186602	1.403 ug/ml
2) T Naphthalene (C11.7)	5.901	206349	1.501 ug/ml
3) T 2-Methylnaphthalene (...)	6.952	210113	1.567 ug/ml
5) T Acenaphthylene (C15.06)	8.225	199218	1.593 ug/ml
7) T Acenaphthene (C15.5)	8.520	200630	1.553 ug/ml
8) T Fluorene (C16.55)	9.300	202494	1.653 ug/ml
9) T Phenanthrene (C19.36)	10.694	204767	1.737 ug/ml
10) T Anthracene (C19.43)	10.768	195892	1.701 ug/ml
12) T Fluoranthene (C21.85)	12.502	250119	2.145 ug/ml
13) T Pyrene (C20.8)	12.798	252578	2.194 ug/ml
14) T Benzo[a]anthracene (C...	14.667	214948	1.953 ug/ml
15) T Chrysene (C27.41)	14.709	280965	2.482 ug/ml
16) T benzo[b]fluoranthene ...	16.215	246993	2.202 ug/ml
17) T Bnezo[k]fluoranthene ...	16.246	241307	2.240 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.595	224855	2.173 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.958	186479	1.753 ug/ml
20) T Dibenz[a,h]anthracene...	18.001	213873	2.047 ug/ml
21) T Benzo[g,h,i]perylene ...	18.210	224302	2.100 ug/ml

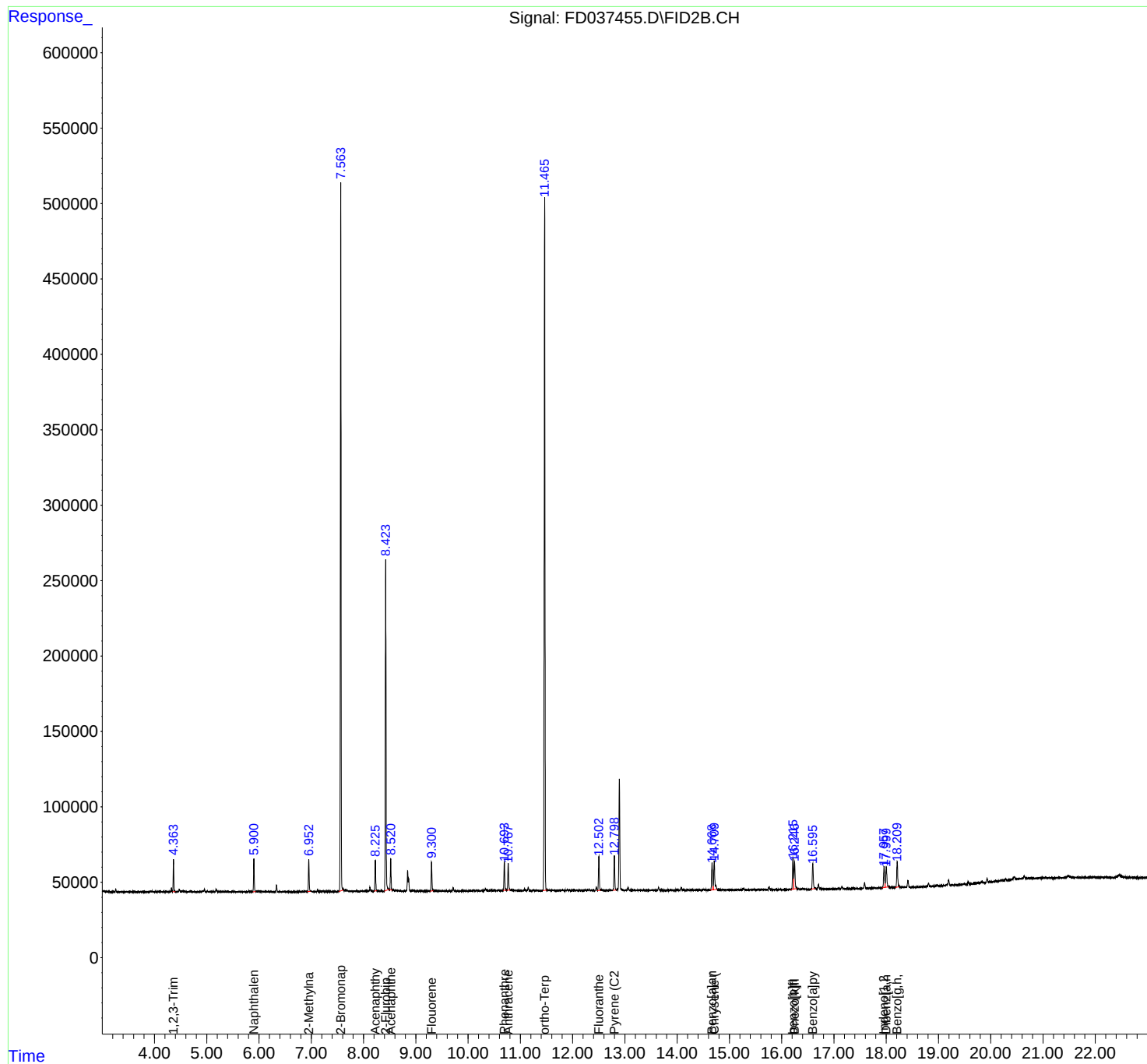
(f)=RT Delta > 1/2 Window

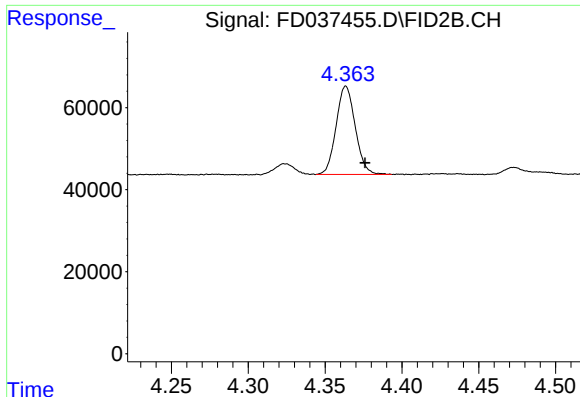
(m)=manual int.

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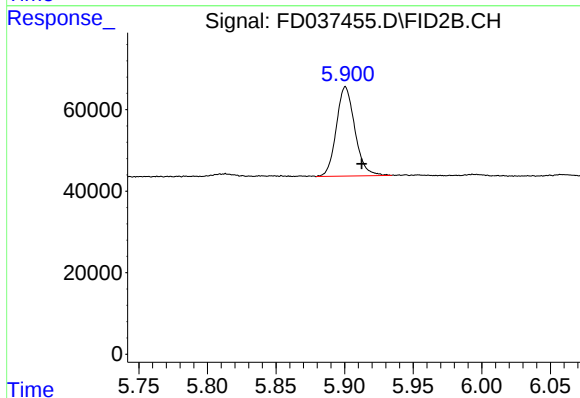
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





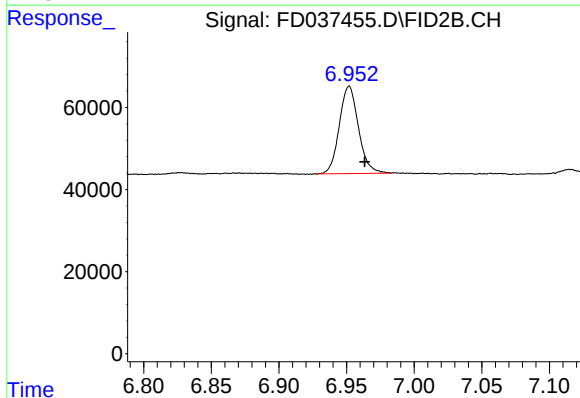
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.364 min
Delta R.T.: -0.012 min
Response: 186602
Conc: 1.40 ug/ml



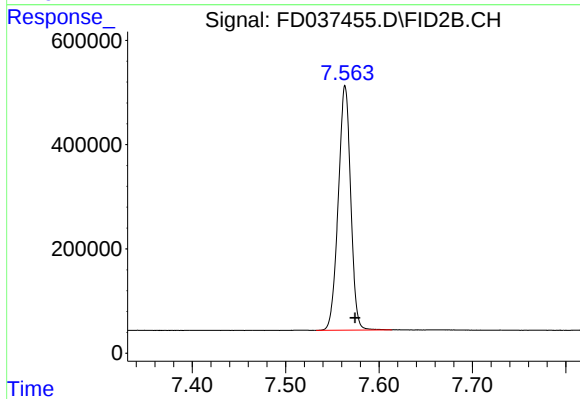
#2 Naphthalene (C11.7)

R.T.: 5.901 min
Delta R.T.: -0.012 min
Response: 206349
Conc: 1.50 ug/ml



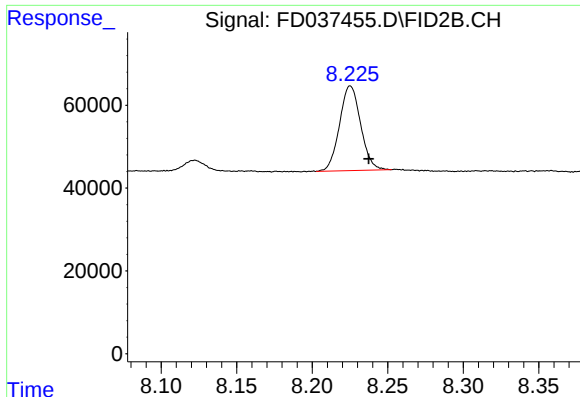
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.952 min
Delta R.T.: -0.011 min
Response: 210113
Conc: 1.57 ug/ml



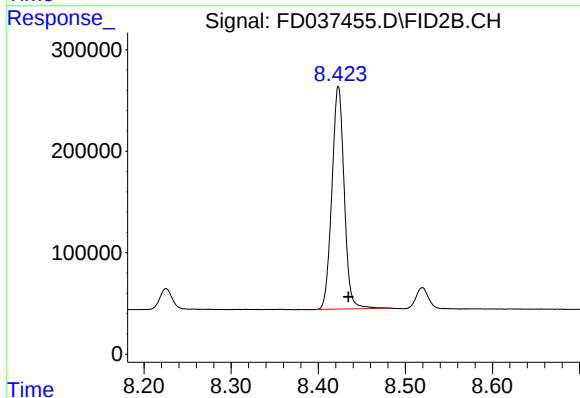
#4 2-Bromonaphthalene (SURR)

R.T.: 7.564 min
Delta R.T.: -0.011 min
Response: 4329297
Conc: 36.62 ug/ml



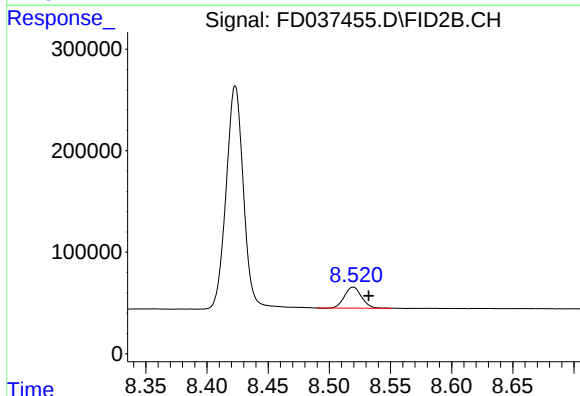
#5 Acenaphthylene (C15.06)

R.T.: 8.225 min
Delta R.T.: -0.012 min
Response: 199218
Conc: 1.59 ug/ml



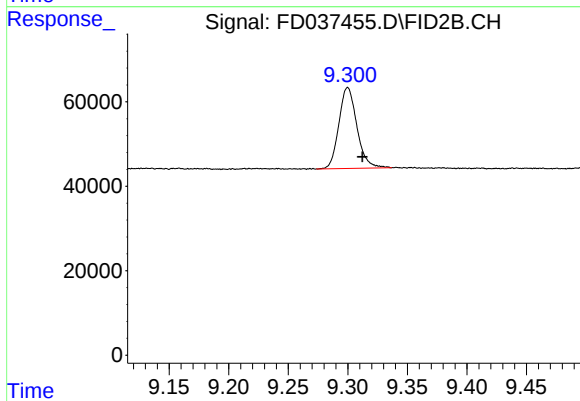
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.423 min
Delta R.T.: -0.011 min
Response: 2157200
Conc: 27.96 ug/ml



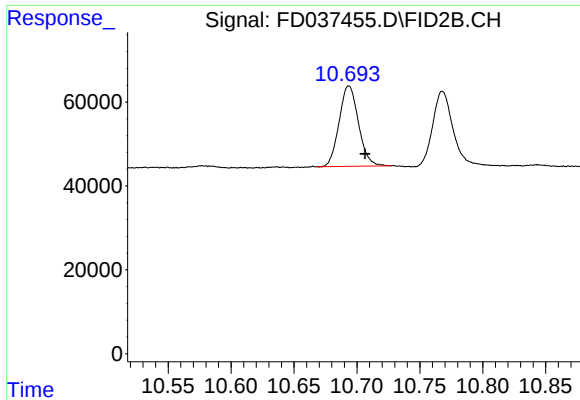
#7 Acenaphthene (C15.5)

R.T.: 8.520 min
Delta R.T.: -0.012 min
Response: 200630
Conc: 1.55 ug/ml



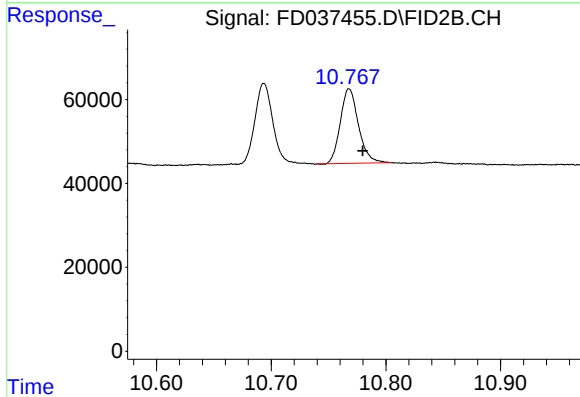
#8 Fluorene (C16.55)

R.T.: 9.300 min
Delta R.T.: -0.012 min
Response: 202494
Conc: 1.65 ug/ml



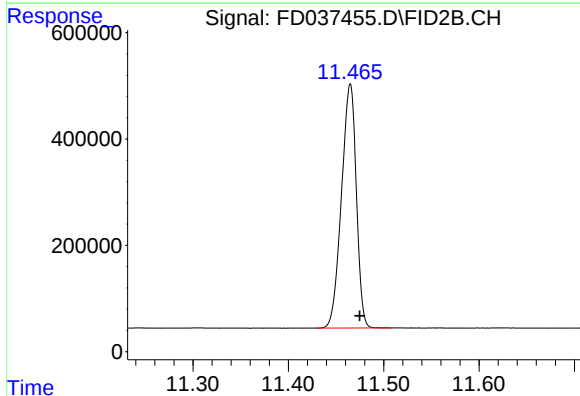
#9 Phenanthrene (C19.36)

R.T.: 10.694 min
Delta R.T.: -0.013 min
Response: 204767
Conc: 1.74 ug/ml



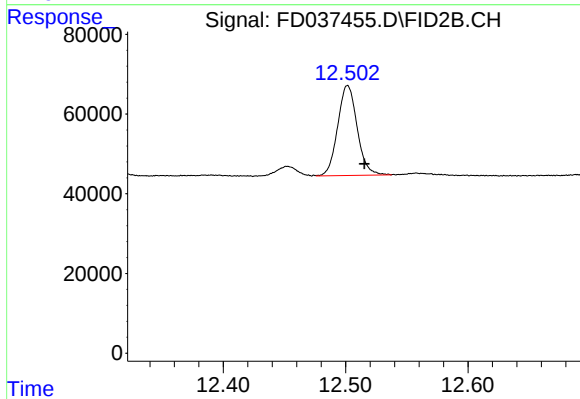
#10 Anthracene (C19.43)

R.T.: 10.768 min
Delta R.T.: -0.012 min
Response: 195892
Conc: 1.70 ug/ml



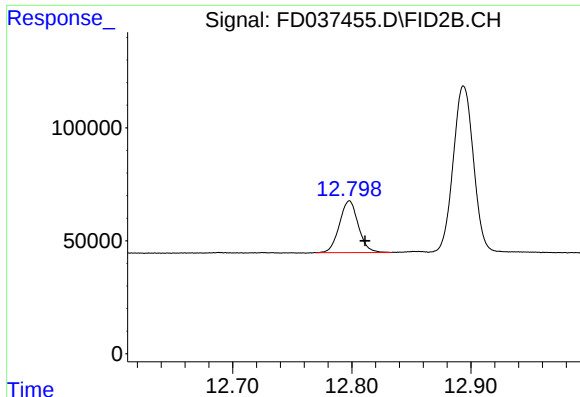
#11 ortho-Terphenyl (SURR)

R.T.: 11.465 min
Delta R.T.: -0.010 min
Response: 4965268
Conc: 40.20 ug/ml



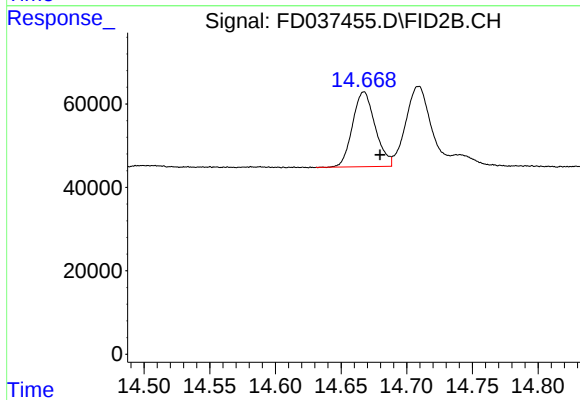
#12 Fluoranthene (C21.85)

R.T.: 12.502 min
Delta R.T.: -0.014 min
Response: 250119
Conc: 2.14 ug/ml



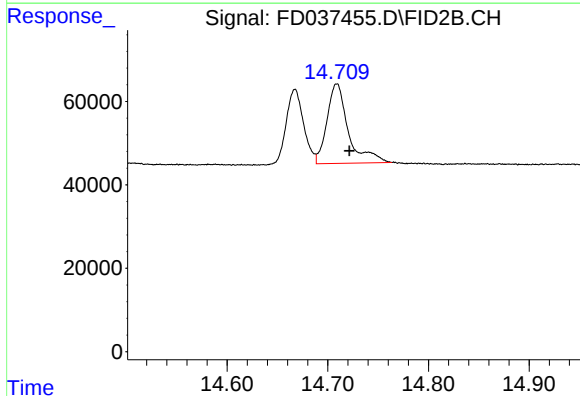
#13 Pyrene (C20.8)

R.T.: 12.798 min
Delta R.T.: -0.013 min
Response: 252578
Conc: 2.19 ug/ml



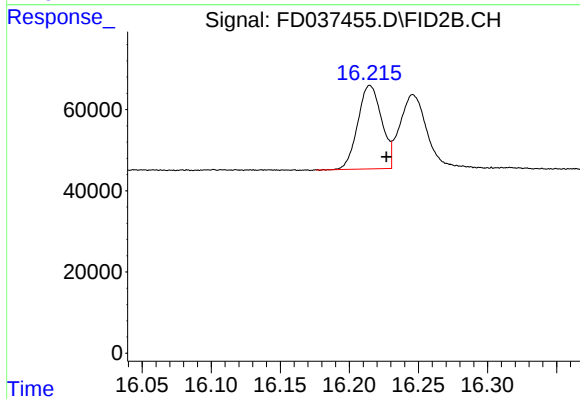
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.667 min
Delta R.T.: -0.012 min
Response: 214948
Conc: 1.95 ug/ml



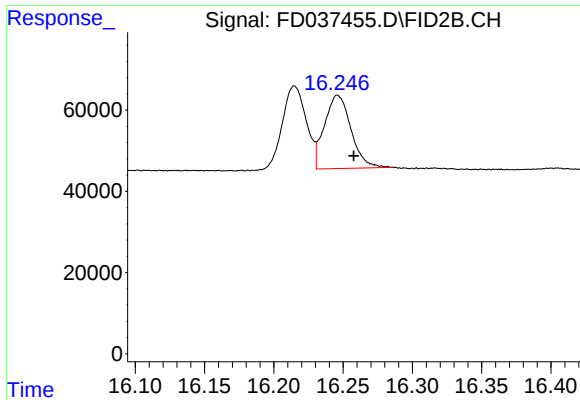
#15 Chrysene (C27.41)

R.T.: 14.709 min
Delta R.T.: -0.012 min
Response: 280965
Conc: 2.48 ug/ml



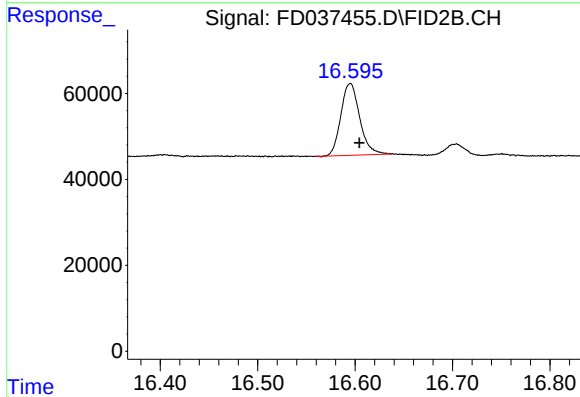
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.215 min
Delta R.T.: -0.012 min
Response: 246993
Conc: 2.20 ug/ml



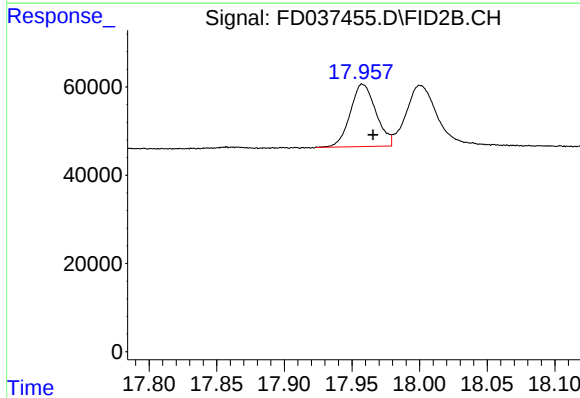
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.246 min
Delta R.T.: -0.012 min
Response: 241307
Conc: 2.24 ug/ml



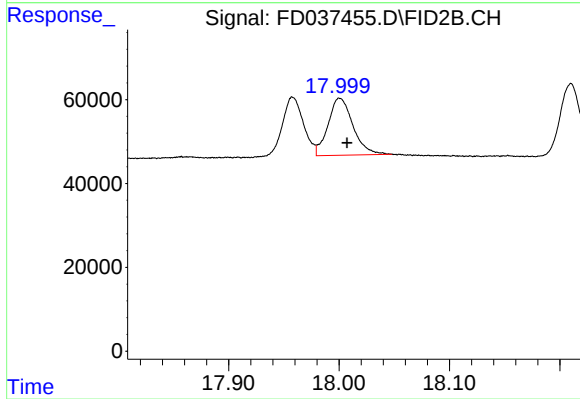
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.595 min
Delta R.T.: -0.009 min
Response: 224855
Conc: 2.17 ug/ml



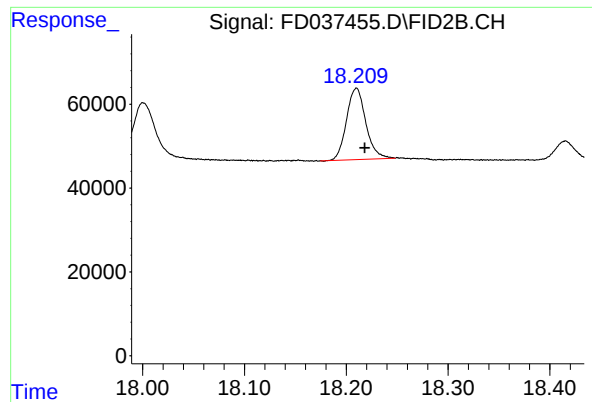
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.958 min
Delta R.T.: -0.008 min
Response: 186479
Conc: 1.75 ug/ml



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

R.T.: 18.001 min
Delta R.T.: -0.007 min
Response: 213873
Conc: 2.05 ug/ml



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

R.T.: 18.210 min
Delta R.T.: -0.008 min
Response: 224302
Conc: 2.10 ug/ml