

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051121AR\
 Data File : FD037459.D
 Signal(s) : FID2B.CH
 Acq On : 11 May 2021 15:08
 Operator : DD\AJ
 Sample : M2262-09
 Misc : MDL-WATER- 2.5 PPM
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 12 03:55:07 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...	7.560	4797020	40.571 ug/ml
Spiked Amount 50.000		Recovery =	81.14%
6) S 2-Fluorobiphenyl (SURR)	8.421	2909536	37.707 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	75.41%
11) S ortho-Terphenyl (SURR)	11.463	4482176	36.288 ug/ml
Spiked Amount 50.000		Recovery =	72.58%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.359	223029	1.677 ug/ml
2) T Naphthalene (C11.7)	5.896	239945	1.745 ug/ml
3) T 2-Methylnaphthalene (...)	6.947	238914	1.782 ug/ml
5) T Acenaphthylene (C15.06)	8.222	217396	1.738 ug/ml
7) T Acenaphthene (C15.5)	8.517	223963	1.733 ug/ml
8) T Fluorene (C16.55)	9.297	208640	1.703 ug/ml
9) T Phenanthrene (C19.36)	10.692	201640	1.711 ug/ml
10) T Anthracene (C19.43)	10.766	191948	1.666 ug/ml
12) T Fluoranthene (C21.85)	12.501	226602	1.943 ug/ml
13) T Pyrene (C20.8)	12.796	249643	2.168 ug/ml
14) T Benzo[a]anthracene (C...	14.665	190866	1.734 ug/ml
15) T Chrysene (C27.41)	14.706	221689	1.958 ug/ml
16) T benzo[b]fluoranthene ...	16.213	257370	2.295 ug/ml
17) T Bnezo[k]fluoranthene ...	16.243	229106	2.127 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.592	219161	2.118 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.955	217222	2.042 ug/ml
20) T Dibenz[a,h]anthracene...	17.997	255837	2.449 ug/ml
21) T Benzo[g,h,i]perylene ...	18.207	215163	2.014 ug/ml

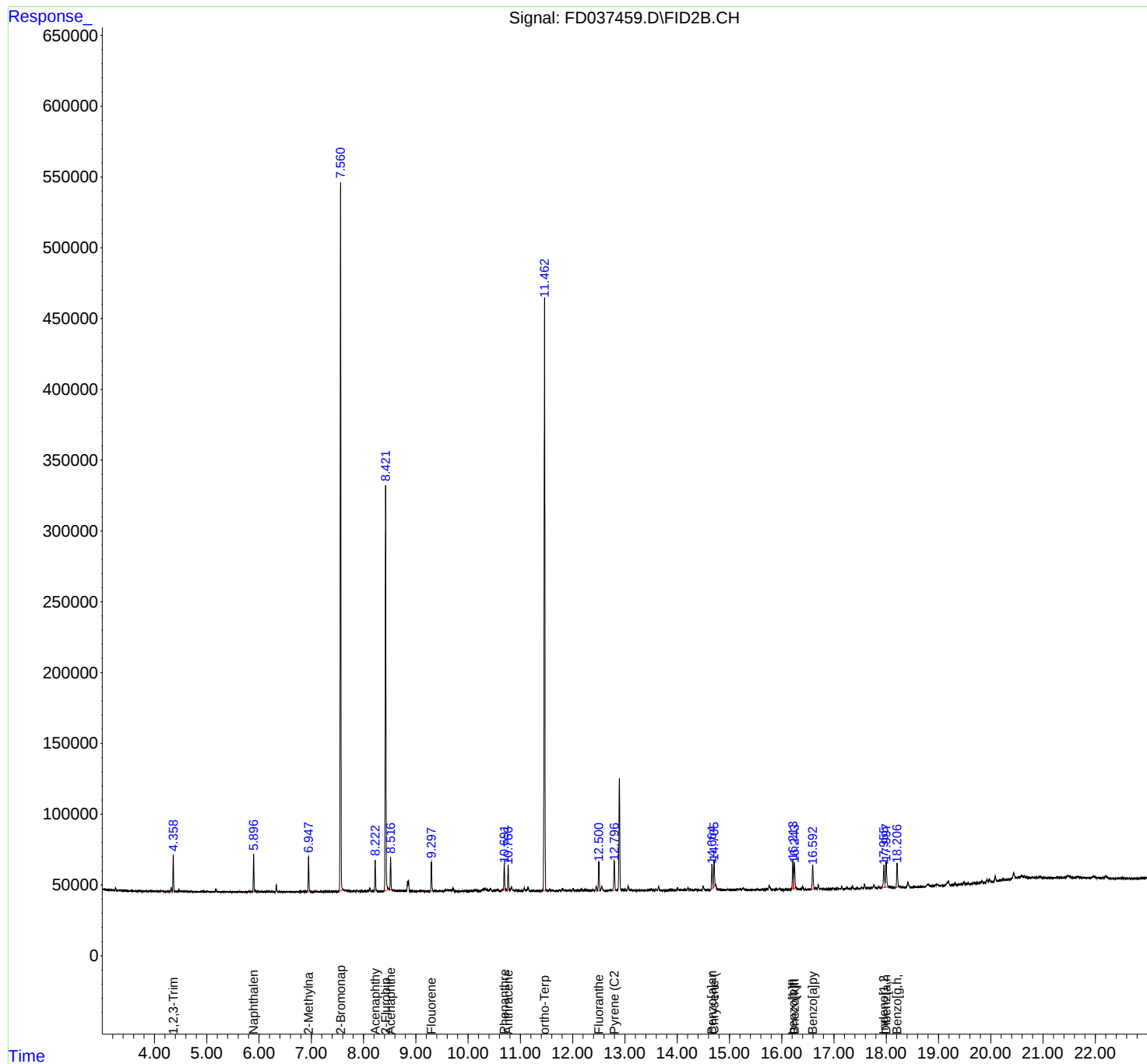
(f)=RT Delta > 1/2 Window

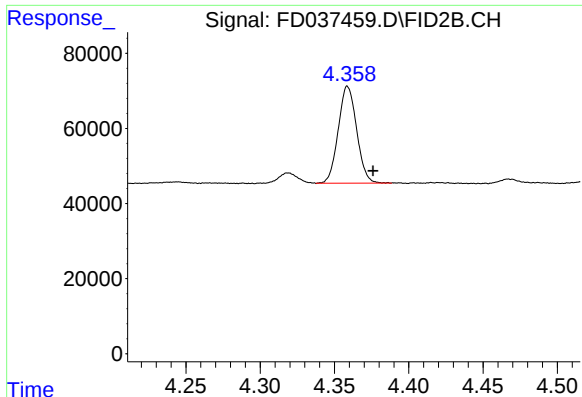
(m)=manual int.

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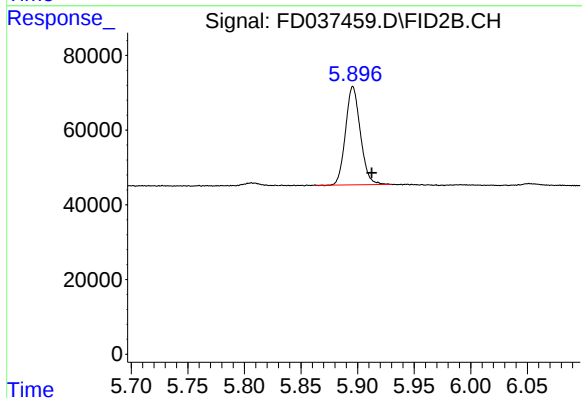
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Signal Info : 20M x 0.18mm x 0.18µm





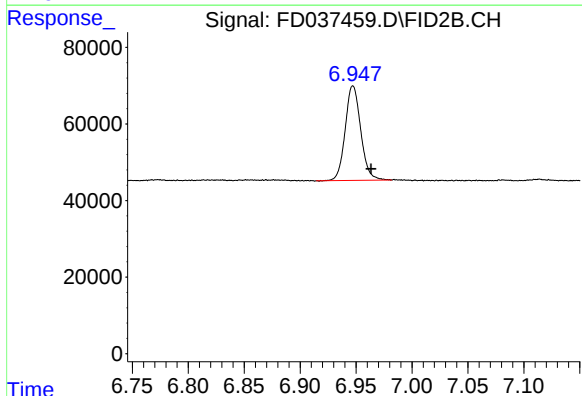
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.359 min
Delta R.T.: -0.017 min
Response: 223029
Conc: 1.68 ug/ml



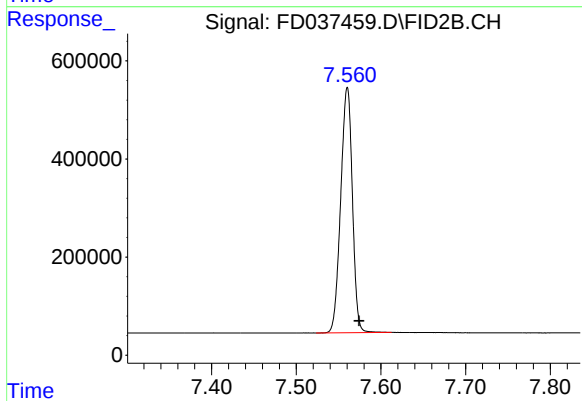
#2 Naphthalene (C11.7)

R.T.: 5.896 min
Delta R.T.: -0.017 min
Response: 239945
Conc: 1.75 ug/ml



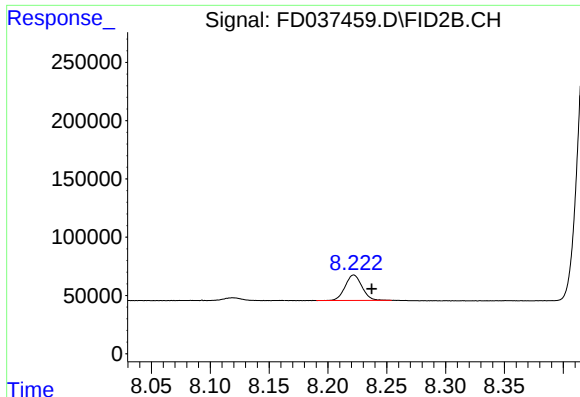
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.947 min
Delta R.T.: -0.016 min
Response: 238914
Conc: 1.78 ug/ml



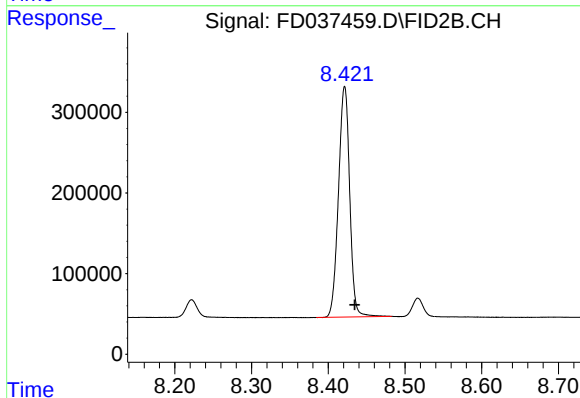
#4 2-Bromonaphthalene (SURR)

R.T.: 7.560 min
Delta R.T.: -0.014 min
Response: 4797020
Conc: 40.57 ug/ml



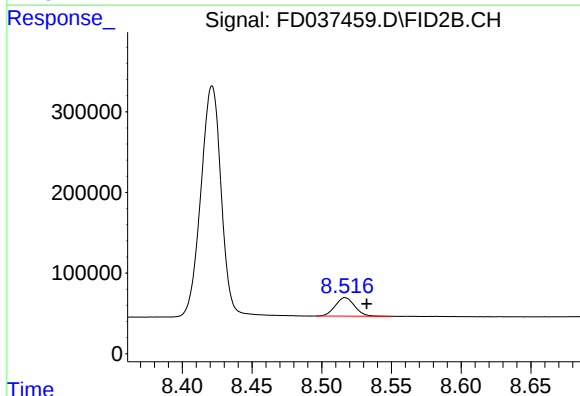
#5 Acenaphthylene (C15.06)

R.T.: 8.222 min
Delta R.T.: -0.015 min
Response: 217396
Conc: 1.74 ug/ml



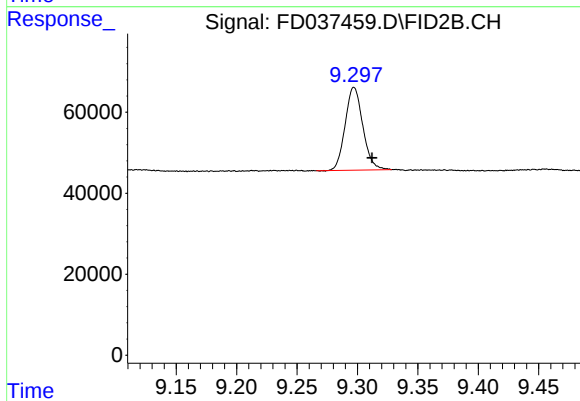
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.421 min
Delta R.T.: -0.013 min
Response: 2909536
Conc: 37.71 ug/ml



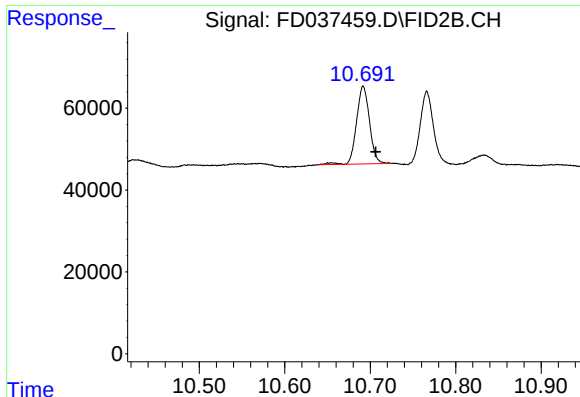
#7 Acenaphthene (C15.5)

R.T.: 8.517 min
Delta R.T.: -0.015 min
Response: 223963
Conc: 1.73 ug/ml



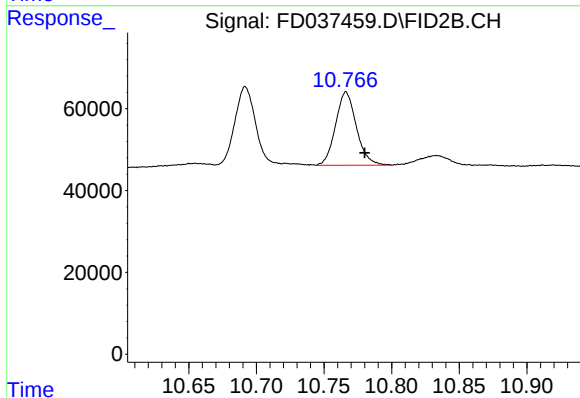
#8 Flouorene (C16.55)

R.T.: 9.297 min
Delta R.T.: -0.015 min
Response: 208640
Conc: 1.70 ug/ml



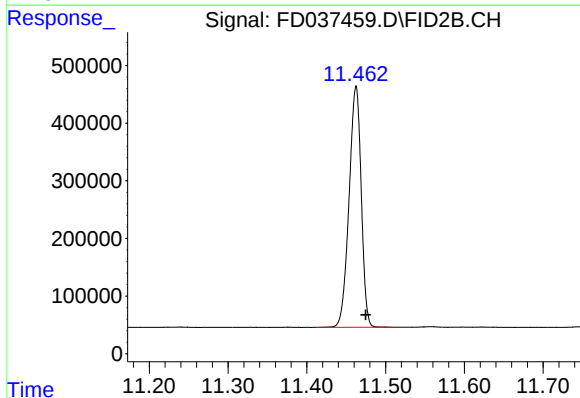
#9 Phenanthrene (C19.36)

R.T.: 10.692 min
Delta R.T.: -0.015 min
Response: 201640
Conc: 1.71 ug/ml



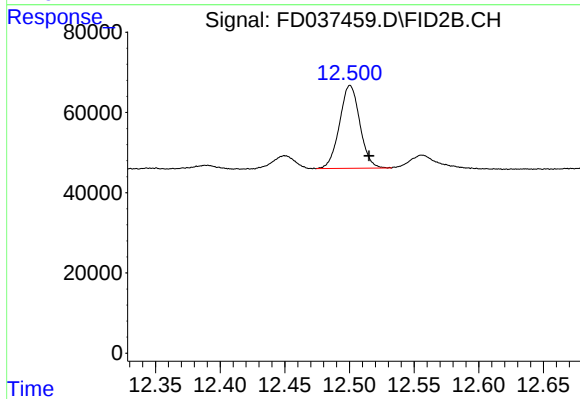
#10 Anthracene (C19.43)

R.T.: 10.766 min
Delta R.T.: -0.014 min
Response: 191948
Conc: 1.67 ug/ml



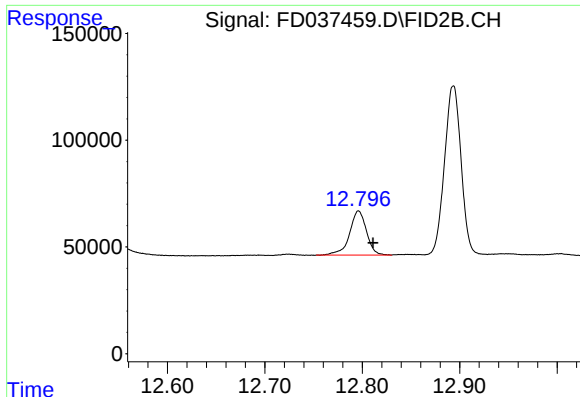
#11 ortho-Terphenyl (SURR)

R.T.: 11.463 min
Delta R.T.: -0.012 min
Response: 4482176
Conc: 36.29 ug/ml



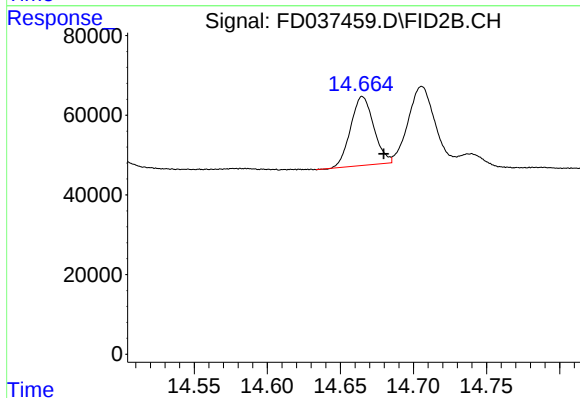
#12 Fluoranthene (C21.85)

R.T.: 12.501 min
Delta R.T.: -0.015 min
Response: 226602
Conc: 1.94 ug/ml



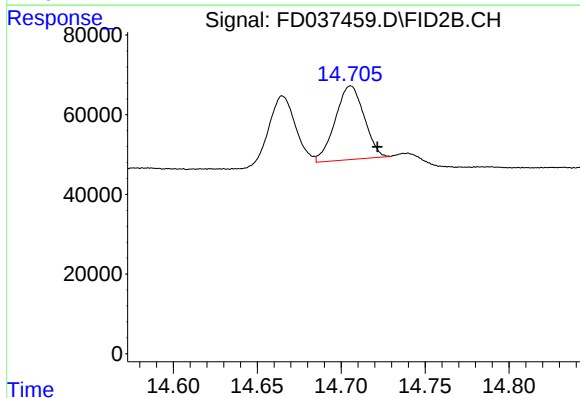
#13 Pyrene (C20.8)

R.T.: 12.796 min
Delta R.T.: -0.015 min
Response: 249643
Conc: 2.17 ug/ml



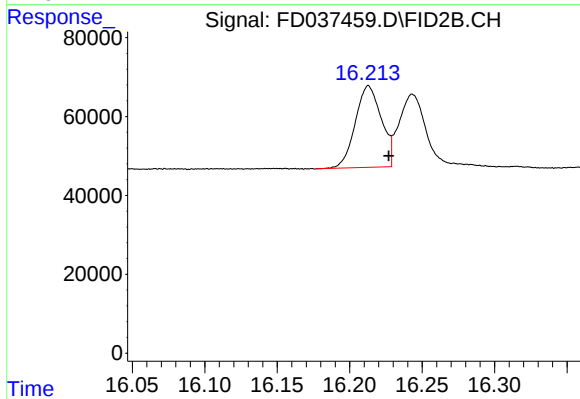
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.665 min
Delta R.T.: -0.015 min
Response: 190866
Conc: 1.73 ug/ml



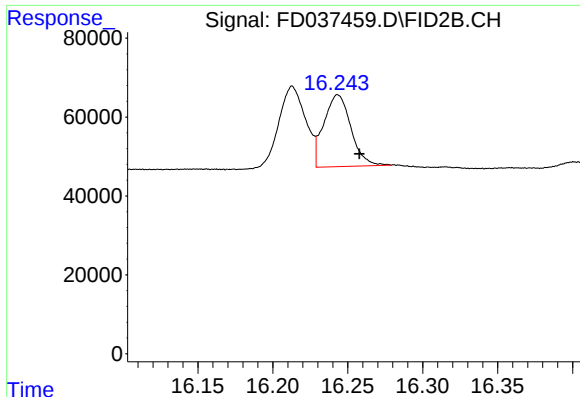
#15 Chrysene (C27.41)

R.T.: 14.706 min
Delta R.T.: -0.016 min
Response: 221689
Conc: 1.96 ug/ml



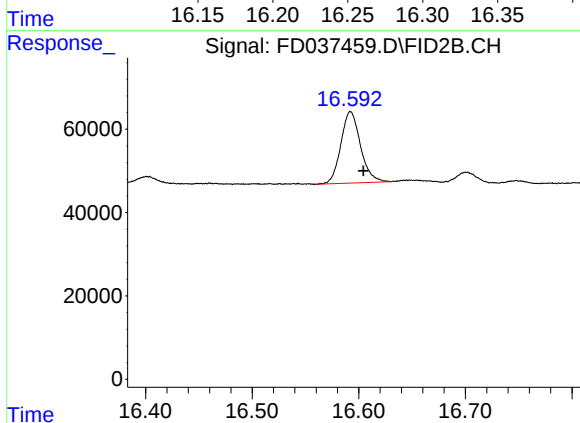
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.213 min
Delta R.T.: -0.014 min
Response: 257370
Conc: 2.29 ug/ml



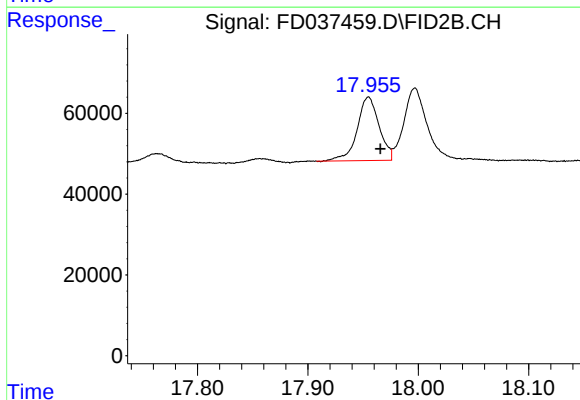
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.243 min
Delta R.T.: -0.014 min
Response: 229106
Conc: 2.13 ug/ml



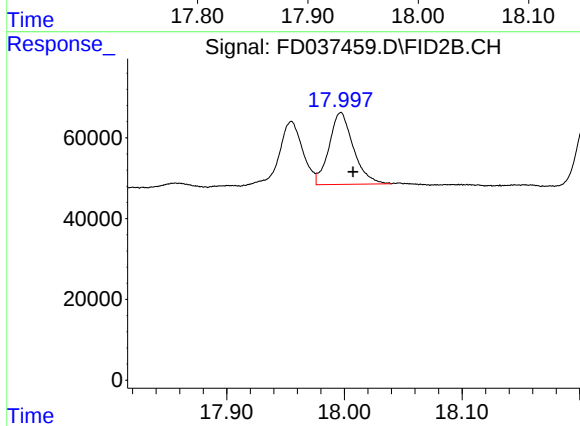
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.592 min
Delta R.T.: -0.012 min
Response: 219161
Conc: 2.12 ug/ml



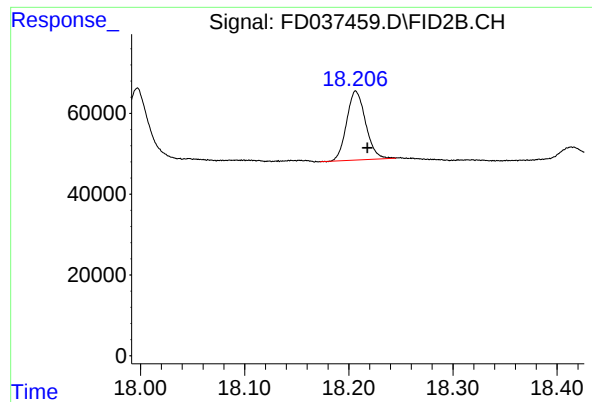
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.955 min
Delta R.T.: -0.011 min
Response: 217222
Conc: 2.04 ug/ml



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

R.T.: 17.997 min
Delta R.T.: -0.010 min
Response: 255837
Conc: 2.45 ug/ml



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

R.T.: 18.207 min
Delta R.T.: -0.011 min
Response: 215163
Conc: 2.01 ug/ml