

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052022AR\
 Data File : FD042554.D
 Signal(s) : FID2B.CH
 Acq On : 19 May 2022 16:00
 Operator : UA/NP
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 19 18:29:07 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052022.M
 Quant Title : GC Extractables
 QLast Update : Thu May 19 15:47:07 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...	7.329	2817471	17.985 ug/ml
Spiked Amount 50.000		Recovery =	35.97%
6) S 2-Fluorobiphenyl (SURR)	8.184	1368536	18.570 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.14%
11) S ortho-Terphenyl (SURR)	11.200	3169831	17.680 ug/ml
Spiked Amount 50.000		Recovery =	35.36%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.151	3396178	17.902 ug/ml
2) T Naphthalene (C11.7)	5.673	3355435	18.477 ug/ml
3) T 2-Methylnaphthalene (...)	6.718	3021971	18.556 ug/ml
5) T Acenaphthylene (C15.06)	7.978	3150120	17.859 ug/ml
7) T Acenaphthene (C15.5)	8.270	3538722	17.670 ug/ml
8) T Flouorene (C16.55)	9.051	2936918	17.623 ug/ml
9) T Phenanthrene (C19.36)	10.437	2605309	18.021 ug/ml
10) T Anthracene (C19.43)	10.515	2830838	17.717 ug/ml
12) T Fluoranthene (C21.85)	12.240	2613515	17.706 ug/ml
13) T Pyrene (C20.8)	12.532	2670226	17.592 ug/ml
14) T Benzo[a]anthracene (C...	14.405	2026147	17.652 ug/ml
15) T Chrysene (C27.41)	14.445	3182684	17.661 ug/ml
16) T benzo[b]fluoranthene ...	15.952	2377101	17.737 ug/ml
17) T Bnezo[k]fluoranthene ...	15.983	3148228	17.726 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.337	2729495	19.730 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.702	1799577	17.112 ug/ml
20) T Dibenz[a,h]anthracene...	17.738	3083526	17.943 ug/ml
21) T Benzo[g,h,i]perylene ...	17.951	2498793	17.711 ug/ml

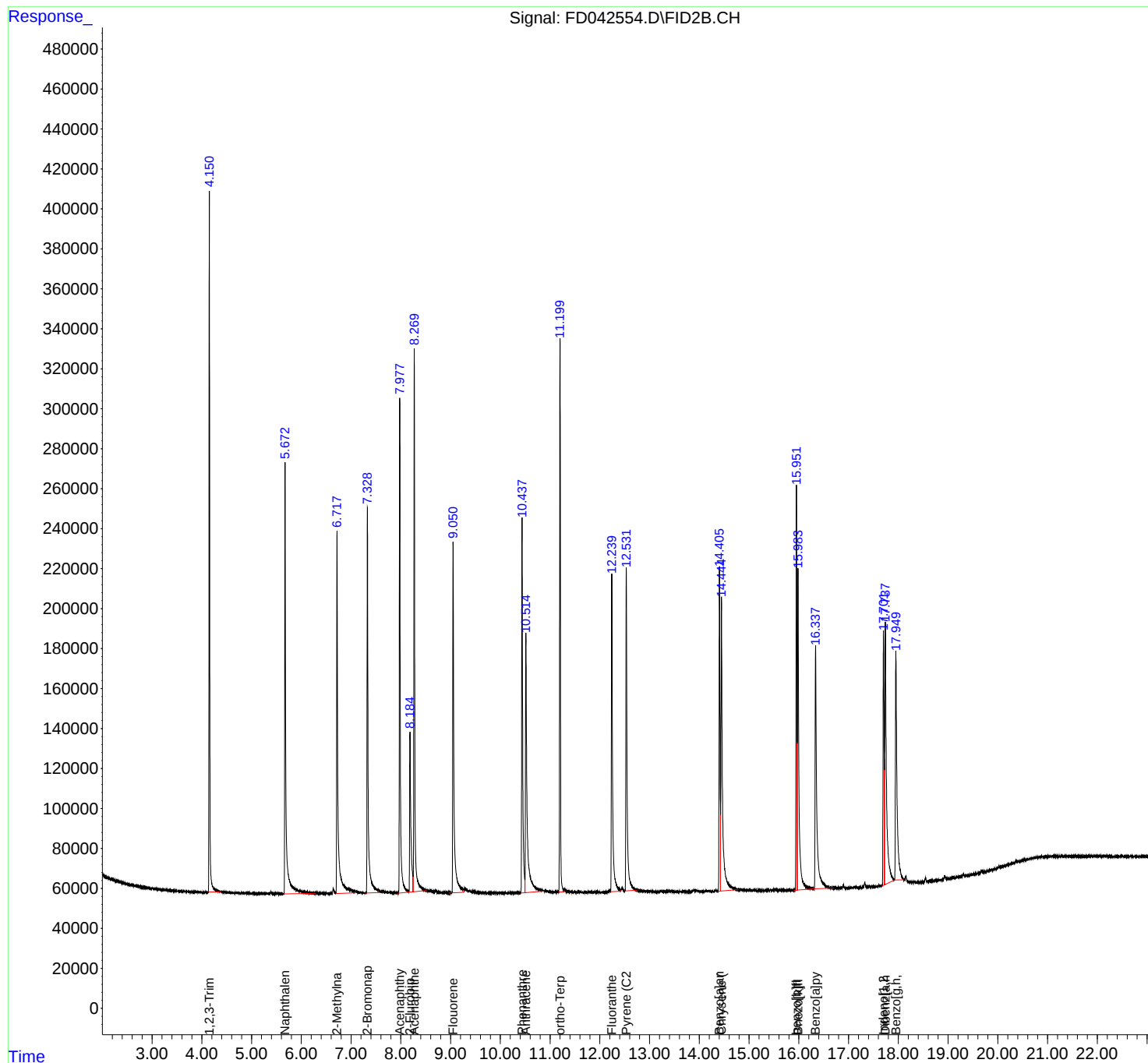
(f)=RT Delta > 1/2 Window

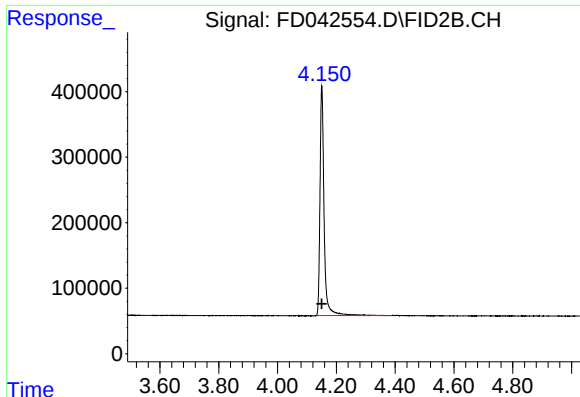
(m)=manual int.

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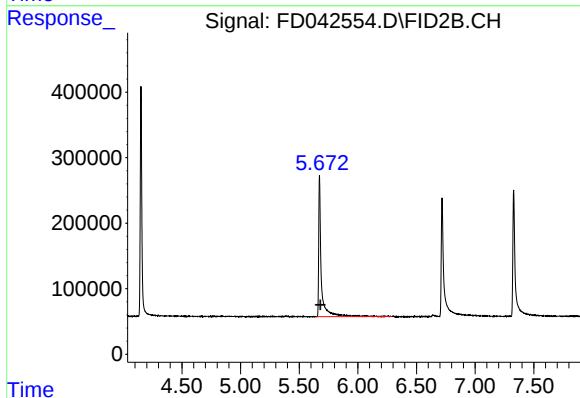
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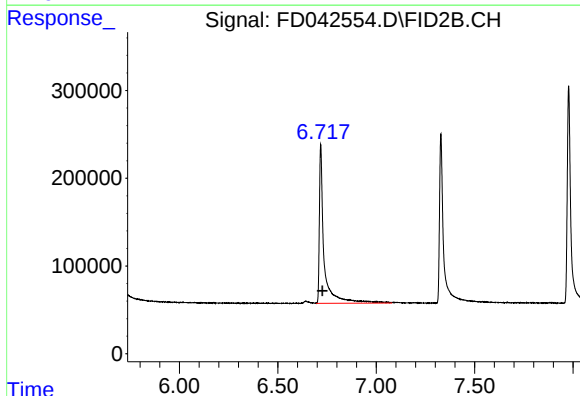
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.151 min
Delta R.T.: 0.000 min
Response: 3396178
Conc: 17.90 ug/ml



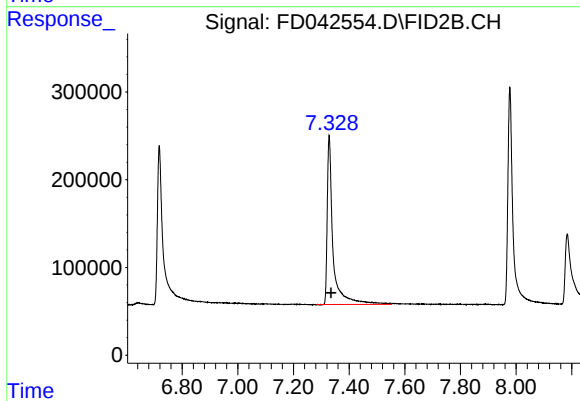
#2 Naphthalene (C11.7)

R.T.: 5.673 min
Delta R.T.: -0.007 min
Response: 3355435
Conc: 18.48 ug/ml



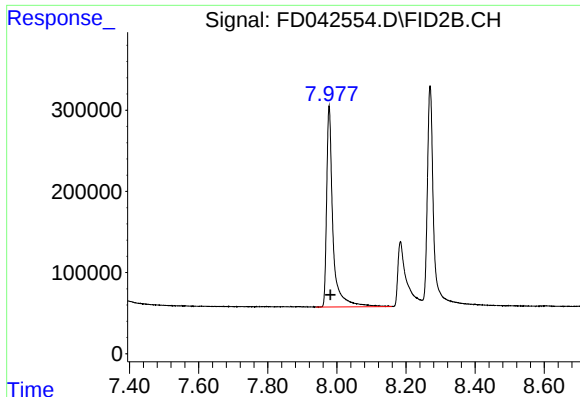
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.718 min
Delta R.T.: -0.009 min
Response: 3021971
Conc: 18.56 ug/ml



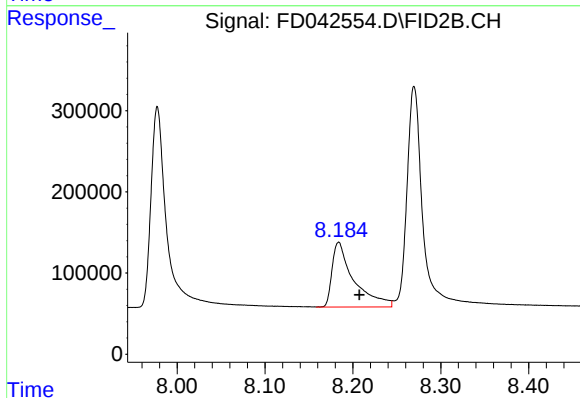
#4 2-Bromonaphthalene (SURR)

R.T.: 7.329 min
Delta R.T.: -0.007 min
Response: 2817471
Conc: 17.98 ug/ml



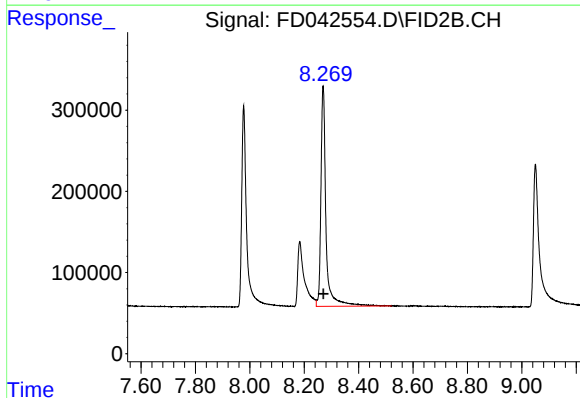
#5 Acenaphthylene (C15.06)

R.T.: 7.978 min
Delta R.T.: -0.004 min
Response: 3150120
Conc: 17.86 ug/ml



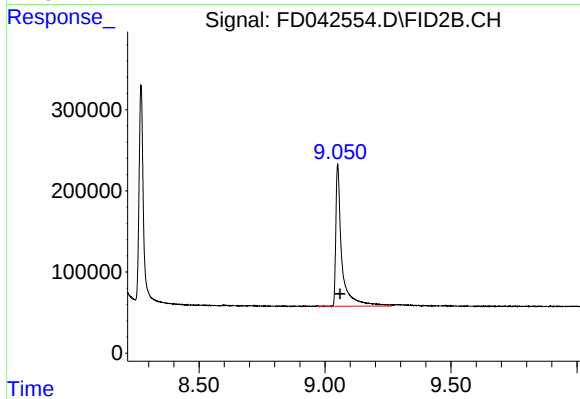
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.184 min
Delta R.T.: -0.023 min
Response: 1368536
Conc: 18.57 ug/ml



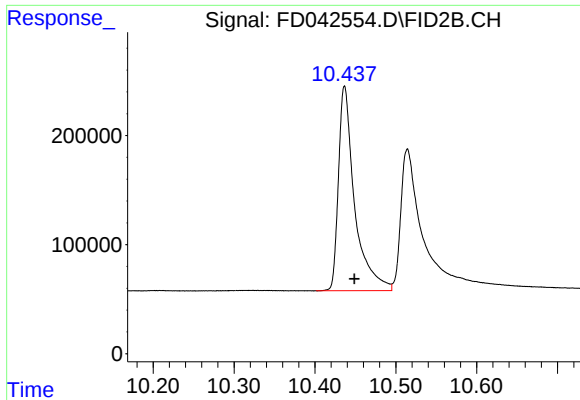
#7 Acenaphthene (C15.5)

R.T.: 8.270 min
Delta R.T.: 0.000 min
Response: 3538722
Conc: 17.67 ug/ml



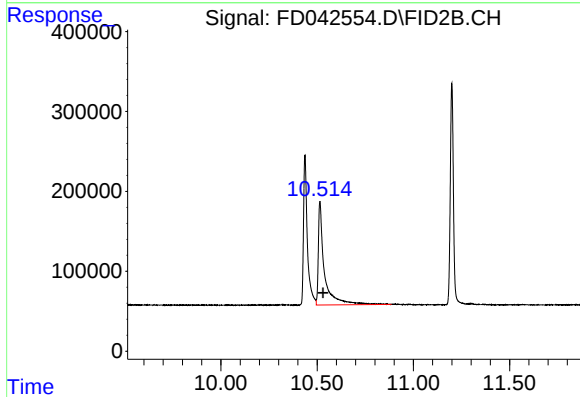
#8 Flouorene (C16.55)

R.T.: 9.051 min
Delta R.T.: -0.009 min
Response: 2936918
Conc: 17.62 ug/ml



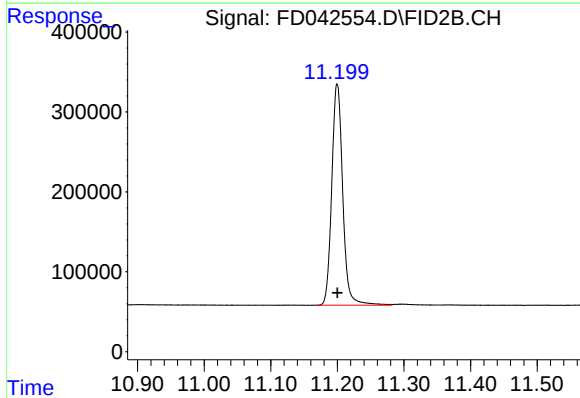
#9 Phenanthrene (C19.36)

R.T.: 10.437 min
Delta R.T.: -0.012 min
Response: 2605309
Conc: 18.02 ug/ml



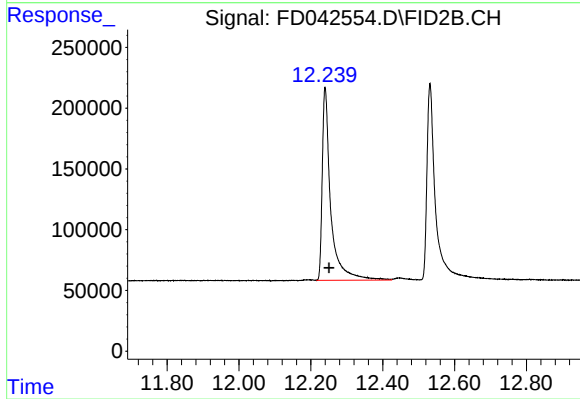
#10 Anthracene (C19.43)

R.T.: 10.515 min
Delta R.T.: -0.016 min
Response: 2830838
Conc: 17.72 ug/ml



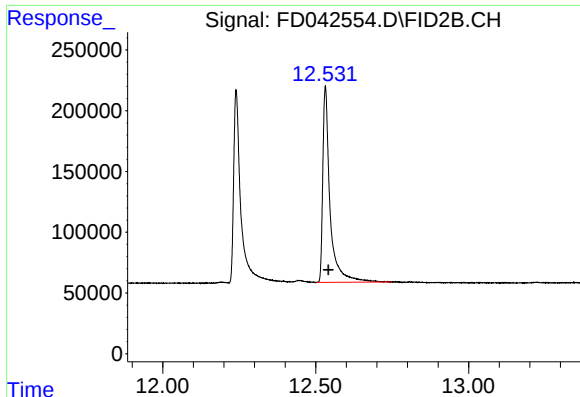
#11 ortho-Terphenyl (SURR)

R.T.: 11.200 min
Delta R.T.: 0.000 min
Response: 3169831
Conc: 17.68 ug/ml



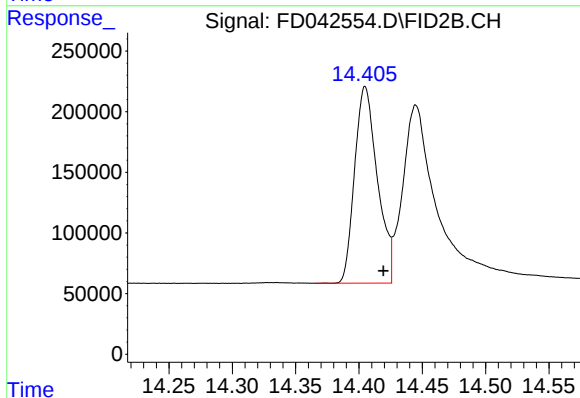
#12 Fluoranthene (C21.85)

R.T.: 12.240 min
Delta R.T.: -0.011 min
Response: 2613515
Conc: 17.71 ug/ml



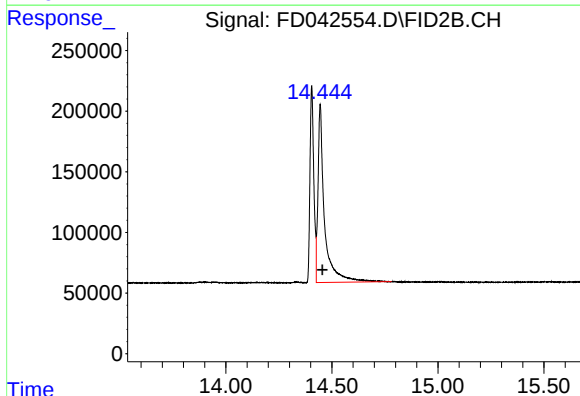
#13 Pyrene (C20.8)

R.T.: 12.532 min
Delta R.T.: -0.010 min
Response: 2670226
Conc: 17.59 ug/ml



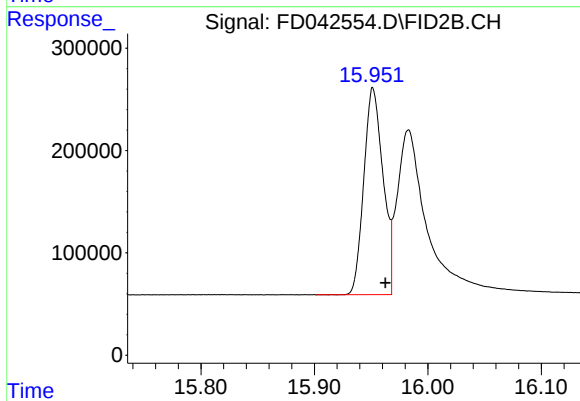
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.405 min
Delta R.T.: -0.014 min
Response: 2026147
Conc: 17.65 ug/ml



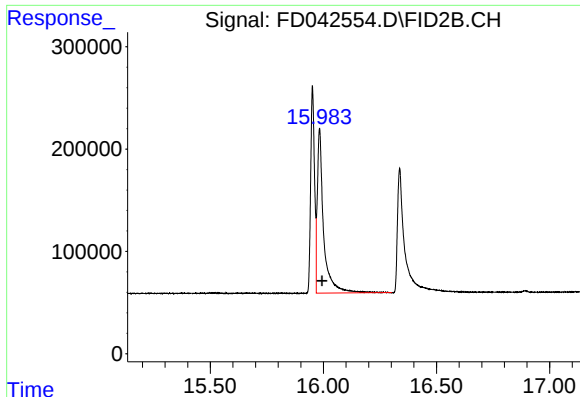
#15 Chrysene (C27.41)

R.T.: 14.445 min
Delta R.T.: -0.011 min
Response: 3182684
Conc: 17.66 ug/ml



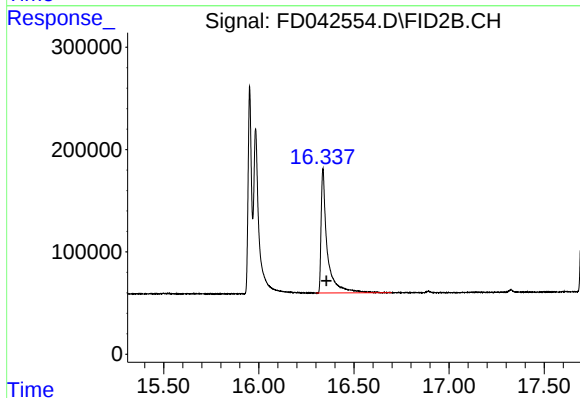
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.952 min
Delta R.T.: -0.011 min
Response: 2377101
Conc: 17.74 ug/ml



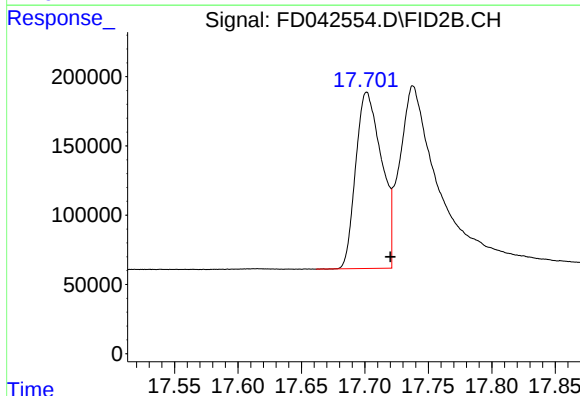
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.983 min
Delta R.T.: -0.011 min
Response: 3148228
Conc: 17.73 ug/ml



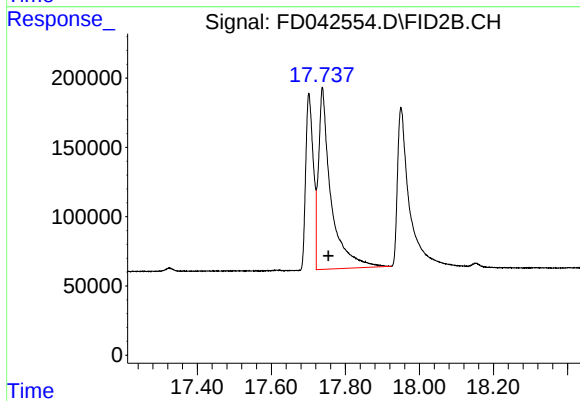
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.337 min
Delta R.T.: -0.019 min
Response: 2729495
Conc: 19.73 ug/ml



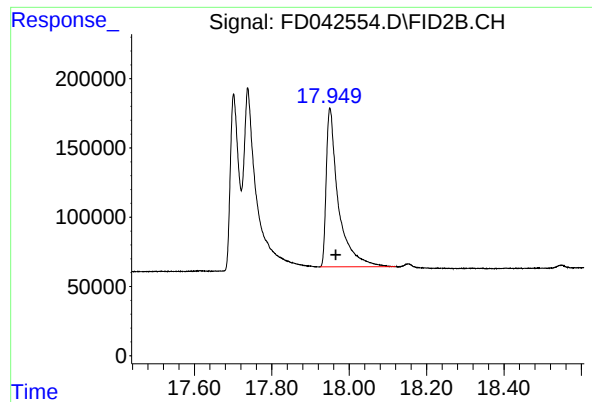
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.702 min
Delta R.T.: -0.018 min
Response: 1799577
Conc: 17.11 ug/ml



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

R.T.: 17.738 min
Delta R.T.: -0.016 min
Response: 3083526
Conc: 17.94 ug/ml



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

R.T.: 17.951 min
Delta R.T.: -0.015 min
Response: 2498793
Conc: 17.71 ug/ml