

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040621AR\
 Data File : FD036735.D
 Signal(s) : FID2B.CH
 Acq On : 06 Apr 2021 13:50
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 07 02:21:55 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 11:18:39 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...	7.588	2765846	19.666 ug/ml
Spiked Amount 50.000		Recovery =	39.33%
6) S 2-Fluorobiphenyl (SURR)	8.448	1786342	19.030 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.06%
11) S ortho-Terphenyl (SURR)	11.489	2845407	18.630 ug/ml
Spiked Amount 50.000		Recovery =	37.26%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.388	2977997	20.316 ug/ml
2) T Naphthalene (C11.7)	5.925	3134664	19.945 ug/ml
3) T 2-Methylnaphthalene (...)	6.977	3094759	19.691 ug/ml
5) T Acenaphthylene (C15.06)	8.251	2898665	19.345 ug/ml
7) T Acenaphthene (C15.5)	8.547	3005672	19.362 ug/ml
8) T Flouorene (C16.55)	9.327	2835283	18.832 ug/ml
9) T Phenanthrene (C19.36)	10.721	2643675	18.037 ug/ml
10) T Anthracene (C19.43)	10.794	2437598	16.838 ug/ml
12) T Fluoranthene (C21.85)	12.529	2483298	17.688 ug/ml
13) T Pyrene (C20.8)	12.826	2413648	17.592 ug/ml
14) T Benzo[a]anthracene (C...	14.693	2087568	17.578 ug/ml
15) T Chrysene (C27.41)	14.735	2154411	17.815 ug/ml
16) T benzo[b]fluoranthene ...	16.240	2126623	19.380 ug/ml
17) T Bnezo[k]fluoranthene ...	16.272	2061583	19.394 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.617	1973816	19.805 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.979	2090570	20.798 ug/ml
20) T Dibenz[a,h]anthracene...	18.019	2070392	20.533 ug/ml
21) T Benzo[g,h,i]perylene ...	18.234	2156839	21.287 ug/ml

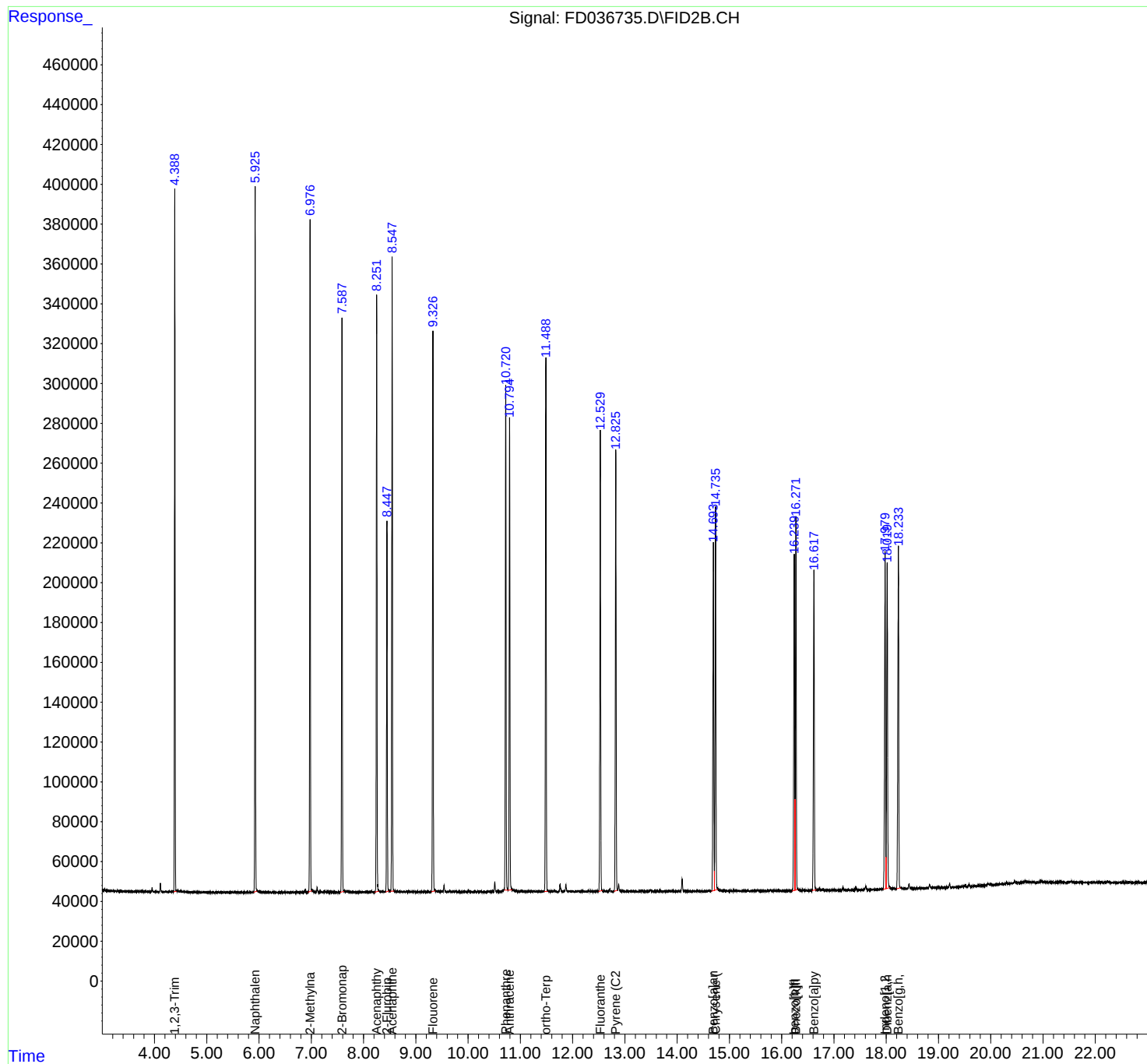
(f)=RT Delta > 1/2 Window

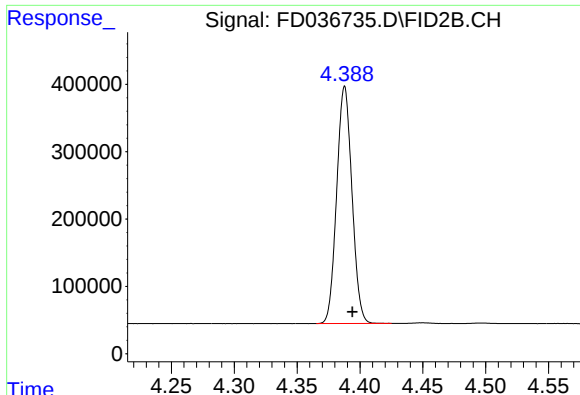
(m)=manual int.

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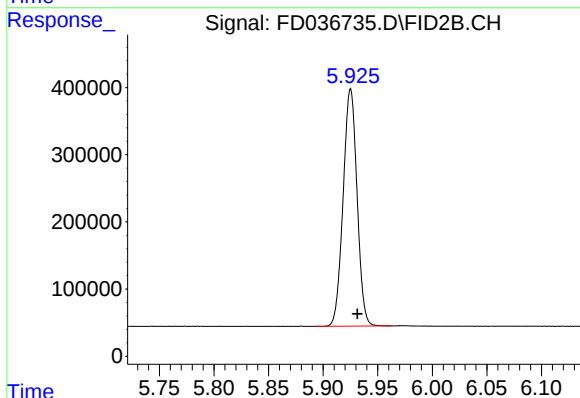
Volume Inj. : 1 µl
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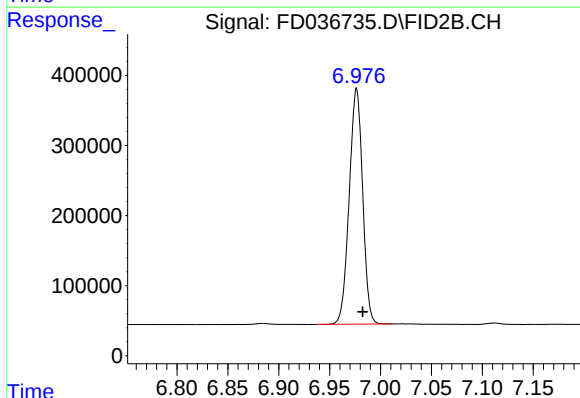
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.388 min
Delta R.T.: -0.006 min
Response: 2977997
Conc: 20.32 ug/ml



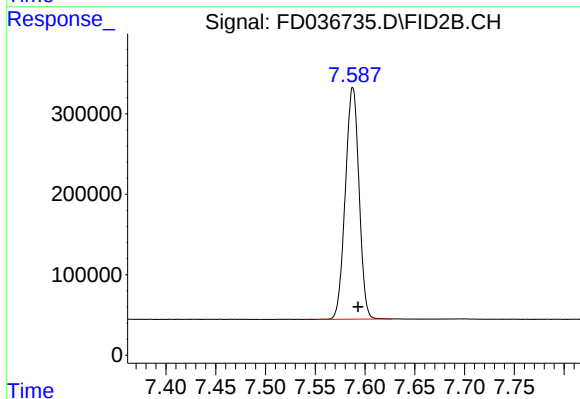
#2 Naphthalene (C11.7)

R.T.: 5.925 min
Delta R.T.: -0.006 min
Response: 3134664
Conc: 19.95 ug/ml



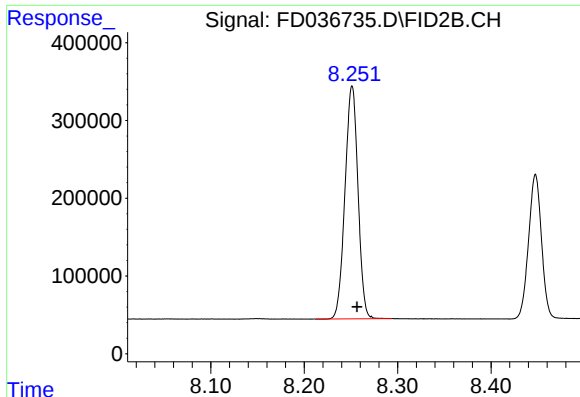
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.977 min
Delta R.T.: -0.006 min
Response: 3094759
Conc: 19.69 ug/ml



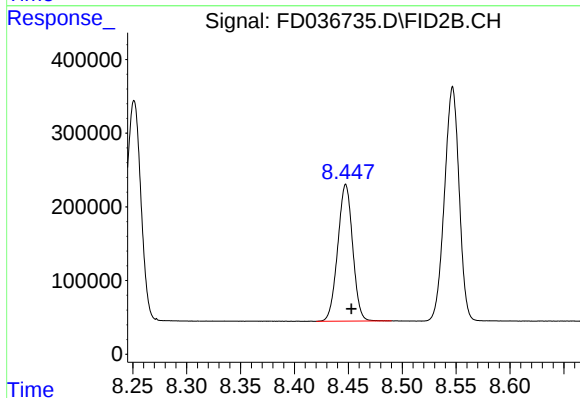
#4 2-Bromonaphthalene (SURR)

R.T.: 7.588 min
Delta R.T.: -0.005 min
Response: 2765846
Conc: 19.67 ug/ml



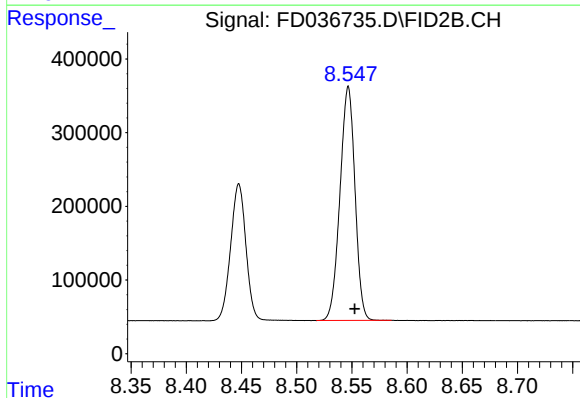
#5 Acenaphthylene (C15.06)

R.T.: 8.251 min
Delta R.T.: -0.005 min
Response: 2898665
Conc: 19.34 ug/ml



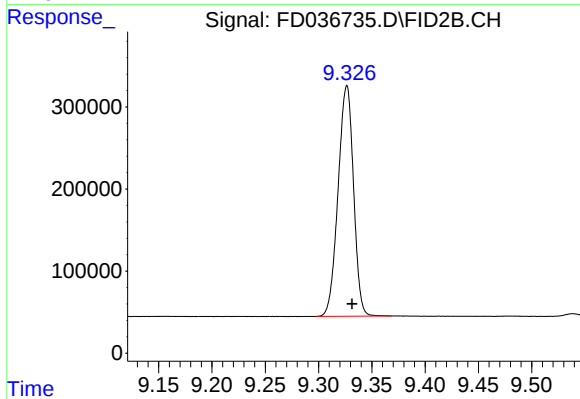
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.448 min
Delta R.T.: -0.005 min
Response: 1786342
Conc: 19.03 ug/ml



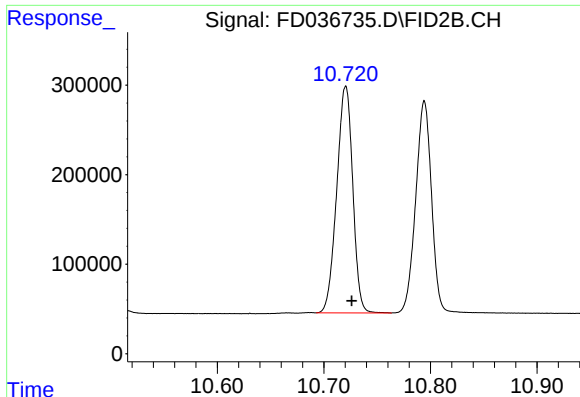
#7 Acenaphthene (C15.5)

R.T.: 8.547 min
Delta R.T.: -0.006 min
Response: 3005672
Conc: 19.36 ug/ml



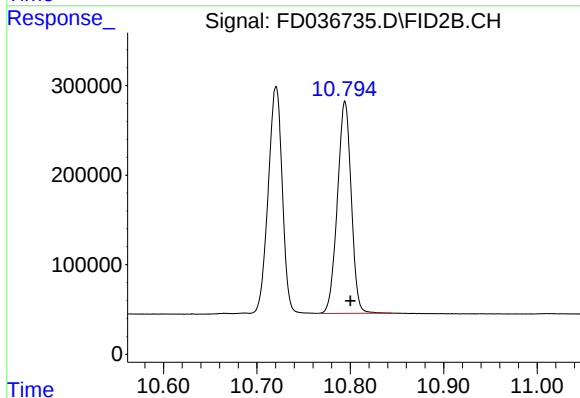
#8 Fluorene (C16.55)

R.T.: 9.327 min
Delta R.T.: -0.005 min
Response: 2835283
Conc: 18.83 ug/ml



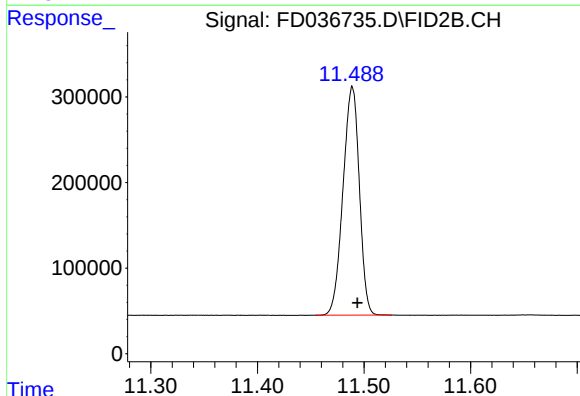
#9 Phenanthrene (C19.36)

R.T.: 10.721 min
Delta R.T.: -0.005 min
Response: 2643675
Conc: 18.04 ug/ml



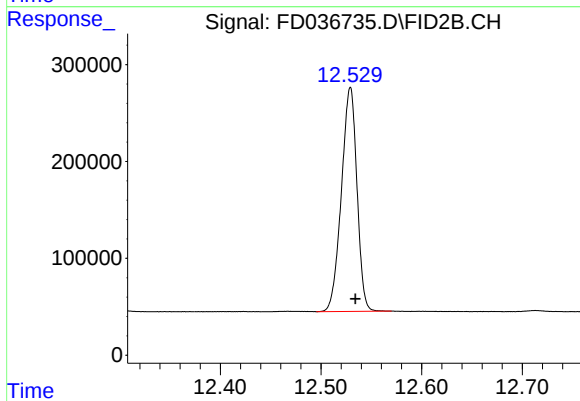
#10 Anthracene (C19.43)

R.T.: 10.794 min
Delta R.T.: -0.006 min
Response: 2437598
Conc: 16.84 ug/ml



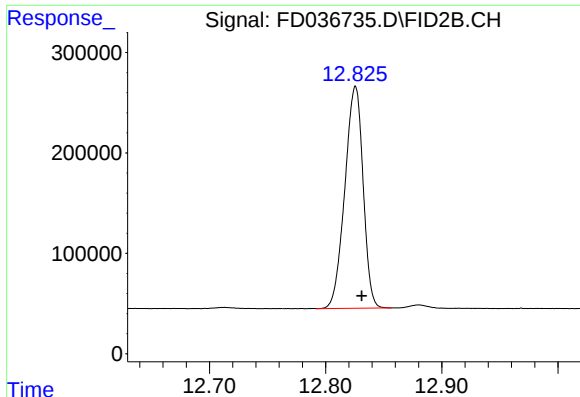
#11 ortho-Terphenyl (SURR)

R.T.: 11.489 min
Delta R.T.: -0.005 min
Response: 2845407
Conc: 18.63 ug/ml



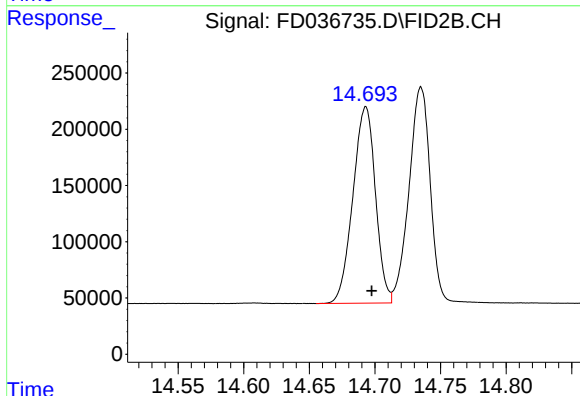
#12 Fluoranthene (C21.85)

R.T.: 12.529 min
Delta R.T.: -0.005 min
Response: 2483298
Conc: 17.69 ug/ml



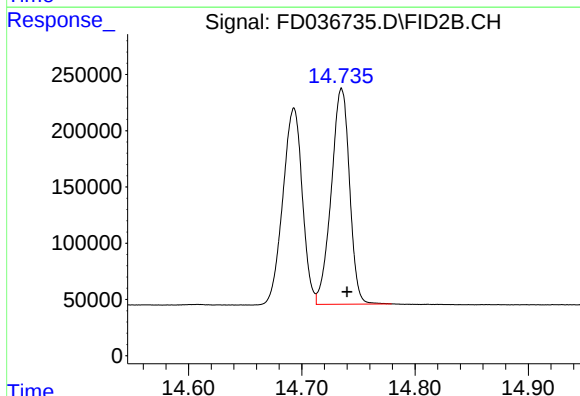
#13 Pyrene (C20.8)

R.T.: 12.826 min
Delta R.T.: -0.005 min
Response: 2413648
Conc: 17.59 ug/ml



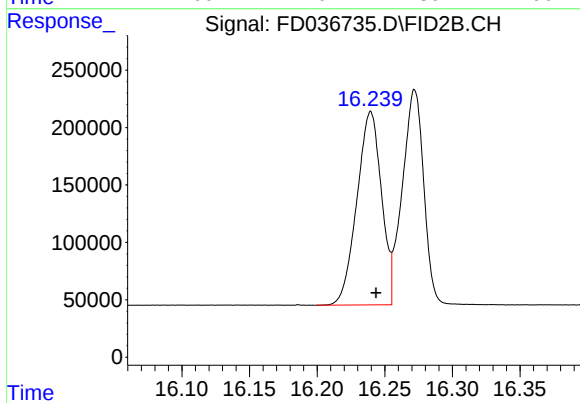
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.693 min
Delta R.T.: -0.005 min
Response: 2087568
Conc: 17.58 ug/ml



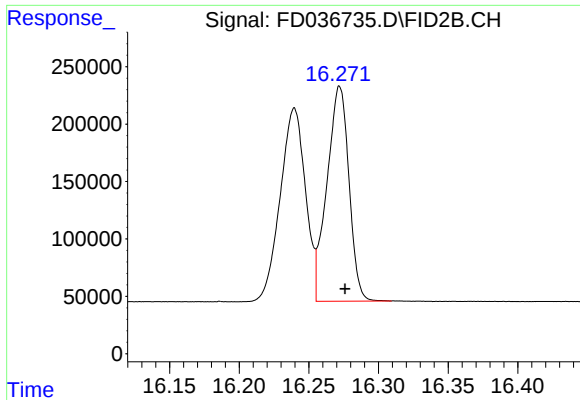
#15 Chrysene (C27.41)

R.T.: 14.735 min
Delta R.T.: -0.005 min
Response: 2154411
Conc: 17.81 ug/ml



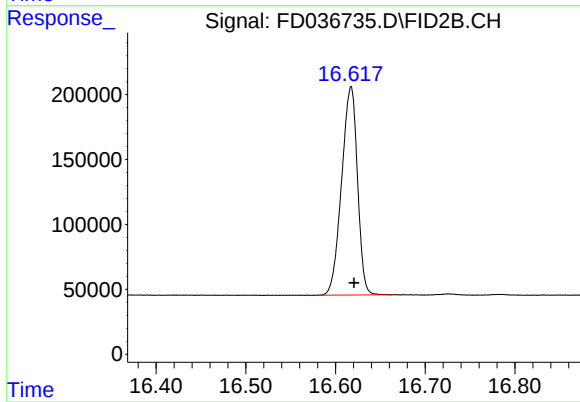
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.240 min
Delta R.T.: -0.004 min
Response: 2126623
Conc: 19.38 ug/ml



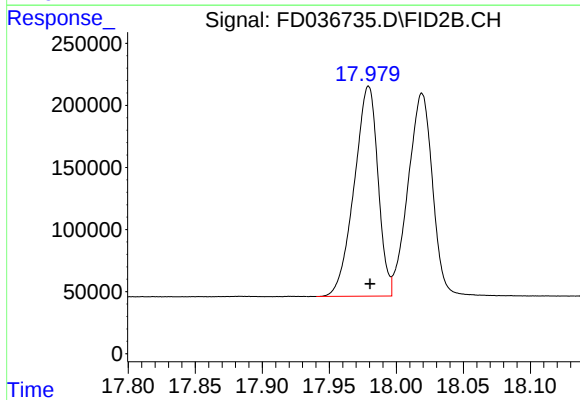
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.272 min
Delta R.T.: -0.004 min
Response: 2061583
Conc: 19.39 ug/ml



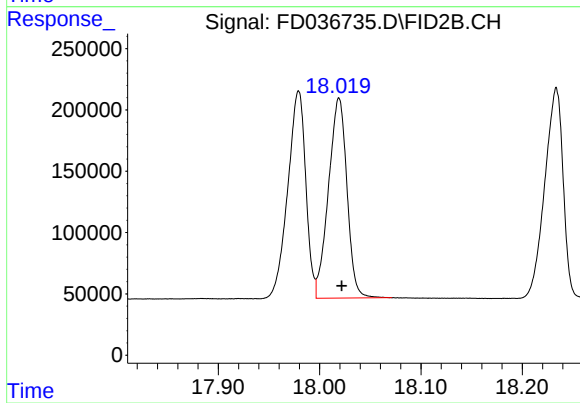
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.617 min
Delta R.T.: -0.003 min
Response: 1973816
Conc: 19.81 ug/ml



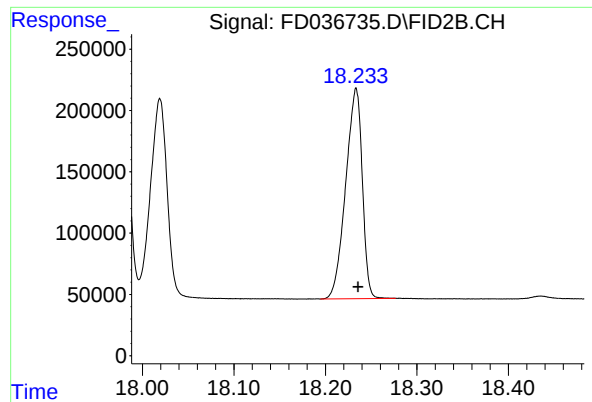
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.979 min
Delta R.T.: -0.001 min
Response: 2090570
Conc: 20.80 ug/ml



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

R.T.: 18.019 min
Delta R.T.: -0.003 min
Response: 2070392
Conc: 20.53 ug/ml



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

R.T.: 18.234 min
Delta R.T.: -0.002 min
Response: 2156839
Conc: 21.29 ug/ml