

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101420AR\
 Data File : FD035025.D
 Signal(s) : FID2B.CH
 Acq On : 14 Oct 2020 12:44
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 15 02:45:02 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 100120.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 02 10:31:12 2020
 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...	7.668	2464133	21.139 ug/ml
Spiked Amount 50.000		Recovery =	42.28%
6) S 2-Fluorobiphenyl (SURR)	8.534	1672264	20.369 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.74%
11) S ortho-Terphenyl (SURR)	11.573	2756956	20.105 ug/ml
Spiked Amount 50.000		Recovery =	40.21%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.464	2798643	21.554 ug/ml
2) T Naphthalene (C11.7)	6.006	2901536	21.199 ug/ml
3) T 2-Methylnaphthalene (...)	7.059	2896187	21.115 ug/ml
5) T Acenaphthylene (C15.06)	8.335	2745353	20.278 ug/ml
7) T Acenaphthene (C15.5)	8.631	2886751	20.910 ug/ml
8) T Flouorene (C16.55)	9.412	2715679	20.202 ug/ml
9) T Phenanthrene (C19.36)	10.810	2611007	19.548 ug/ml
10) T Anthracene (C19.43)	10.885	2420828	17.926 ug/ml
12) T Fluoranthene (C21.85)	12.622	2461786	18.707 ug/ml
13) T Pyrene (C20.8)	12.920	2344010	18.309 ug/ml
14) T Benzo[a]anthracene (C...	14.791	2041208	17.930 ug/ml
15) T Chrysene (C27.41)	14.833	2207442	18.023 ug/ml
16) T benzo[b]fluoranthene ...	16.342	2038017	19.014 ug/ml
17) T Bnezo[k]fluoranthene ...	16.373	2075897	19.217 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.720	1857145	19.059 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.086	1919834	20.724 ug/ml
20) T Dibenz[a,h]anthracene...	18.123	2135393	21.145 ug/ml
21) T Benzo[g,h,i]perylene ...	18.339	2056394	21.341 ug/ml

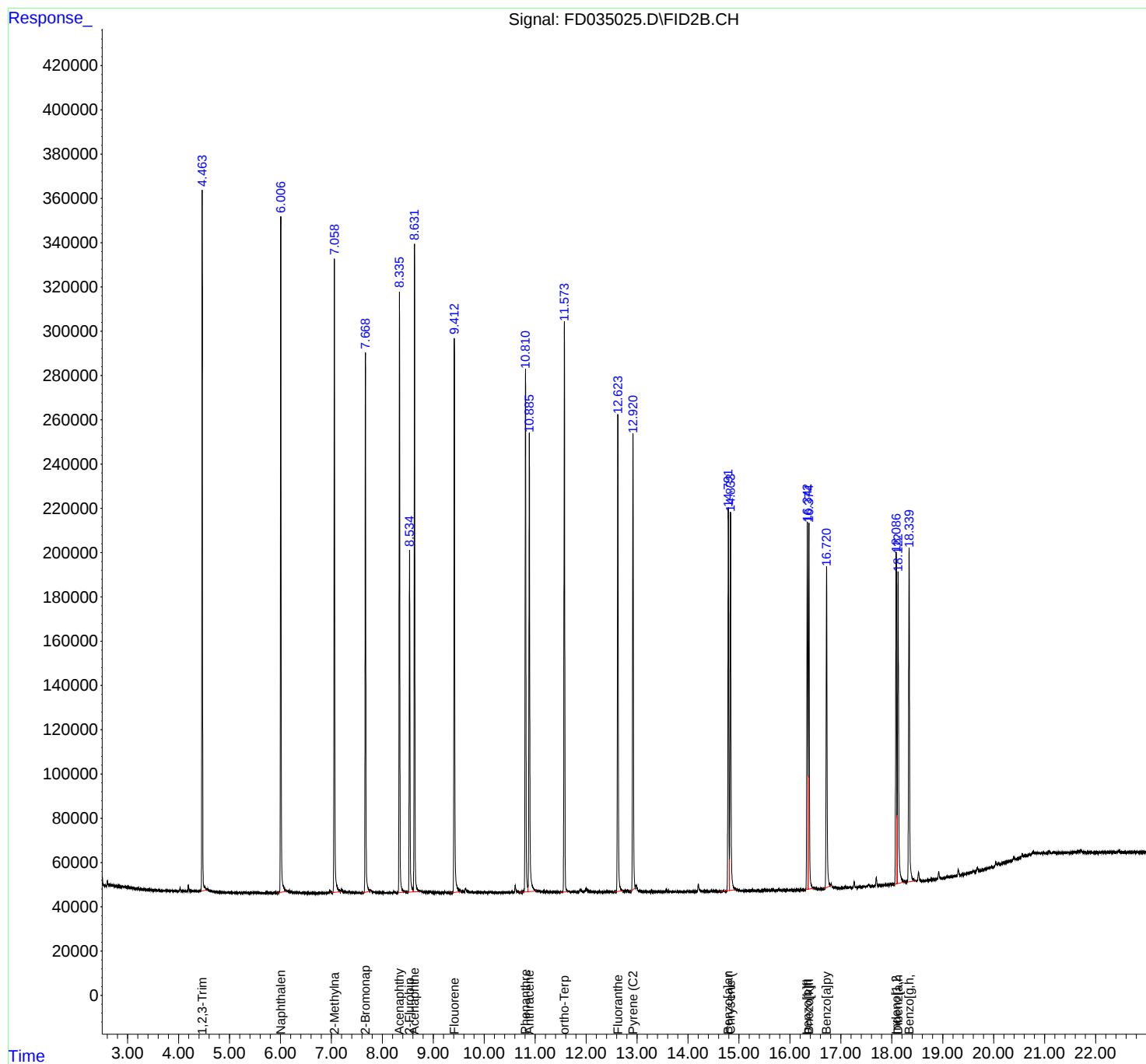
(f)=RT Delta > 1/2 Window

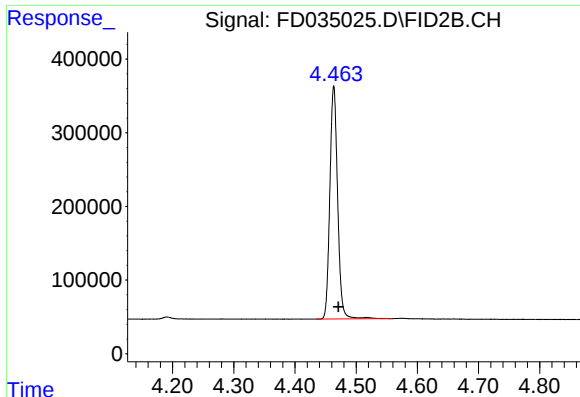
(m)=manual int.

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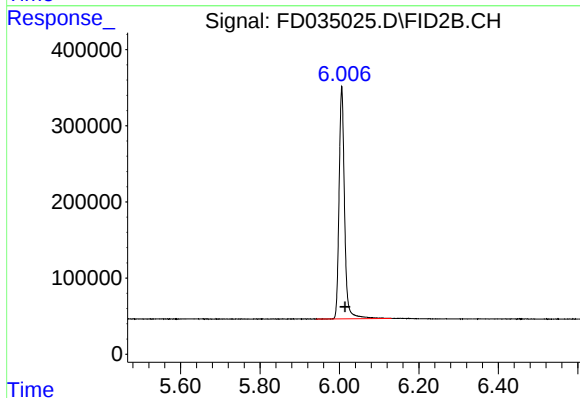
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





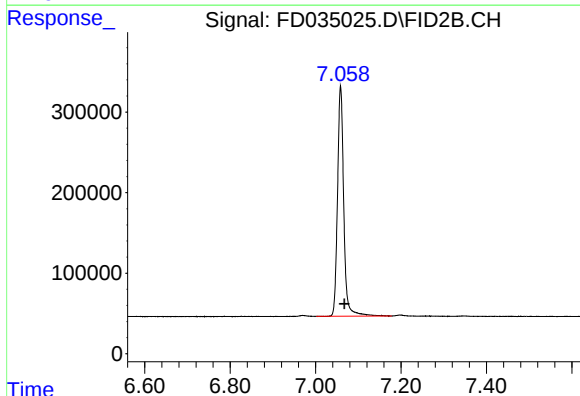
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.464 min
Delta R.T.: -0.007 min
Response: 2798643
Conc: 21.55 ug/ml



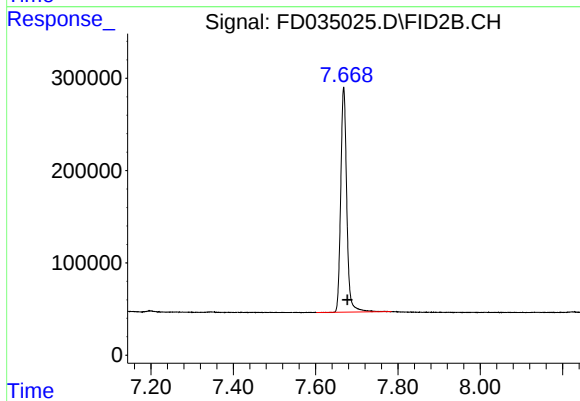
#2 Naphthalene (C11.7)

R.T.: 6.006 min
Delta R.T.: -0.008 min
Response: 2901536
Conc: 21.20 ug/ml



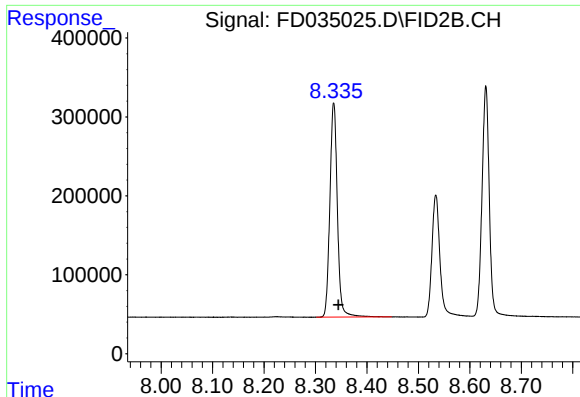
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.059 min
Delta R.T.: -0.008 min
Response: 2896187
Conc: 21.12 ug/ml



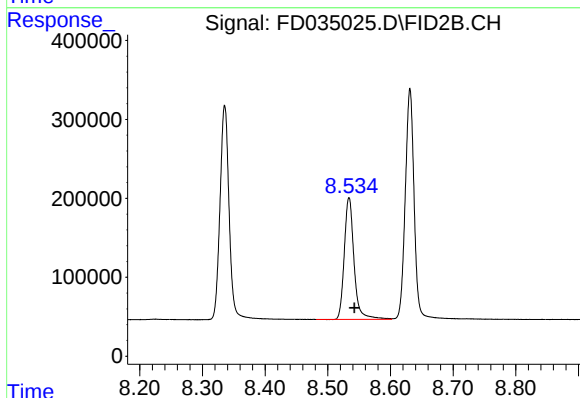
#4 2-Bromonaphthalene (SURR)

R.T.: 7.668 min
Delta R.T.: -0.009 min
Response: 2464133
Conc: 21.14 ug/ml



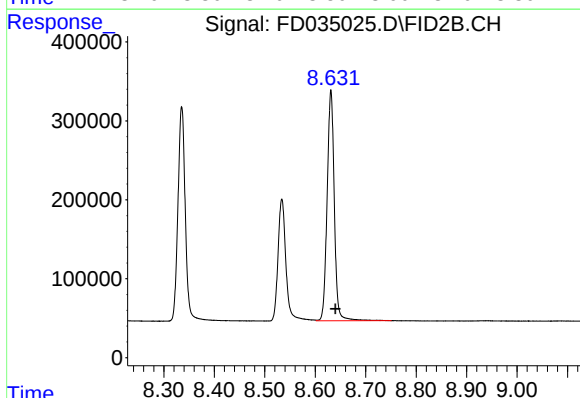
#5 Acenaphthylene (C15.06)

R.T.: 8.335 min
Delta R.T.: -0.009 min
Response: 2745353
Conc: 20.28 ug/ml



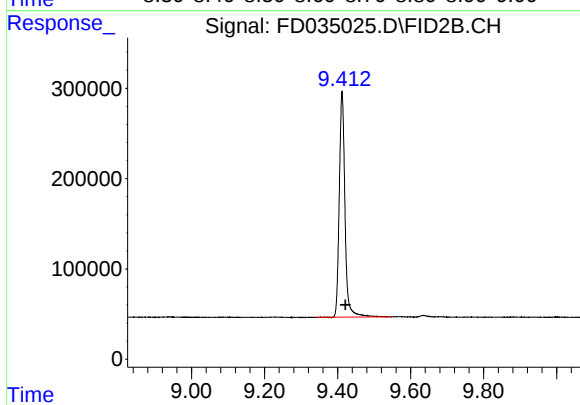
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.534 min
Delta R.T.: -0.008 min
Response: 1672264
Conc: 20.37 ug/ml



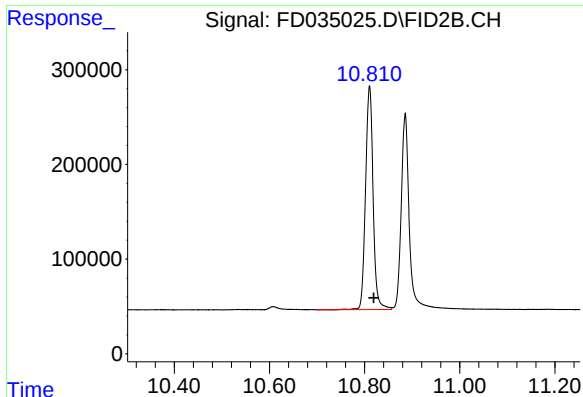
#7 Acenaphthene (C15.5)

R.T.: 8.631 min
Delta R.T.: -0.009 min
Response: 2886751
Conc: 20.91 ug/ml



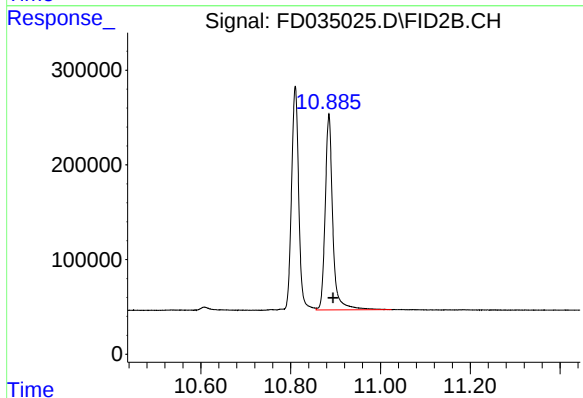
#8 Fluorene (C16.55)

R.T.: 9.412 min
Delta R.T.: -0.009 min
Response: 2715679
Conc: 20.20 ug/ml



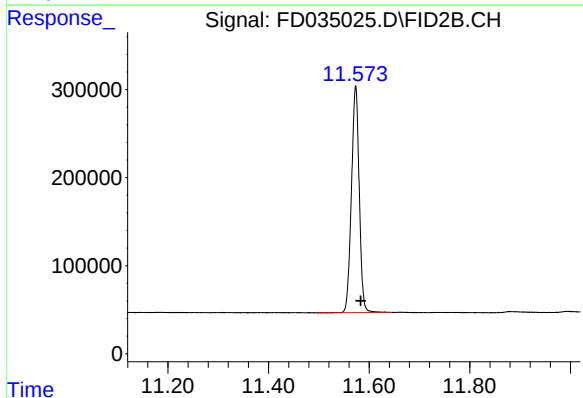
#9 Phenanthrene (C19.36)

R.T.: 10.810 min
Delta R.T.: -0.009 min
Response: 2611007
Conc: 19.55 ug/ml



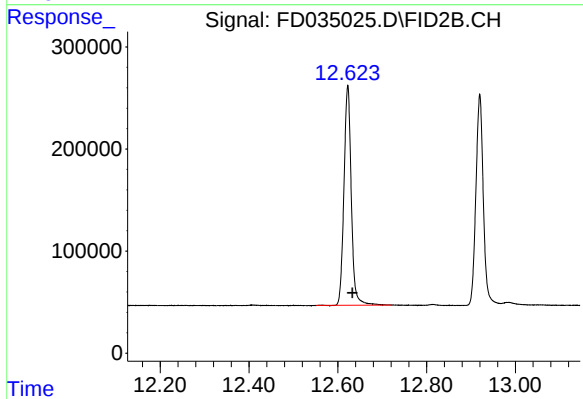
#10 Anthracene (C19.43)

R.T.: 10.885 min
Delta R.T.: -0.010 min
Response: 2420828
Conc: 17.93 ug/ml



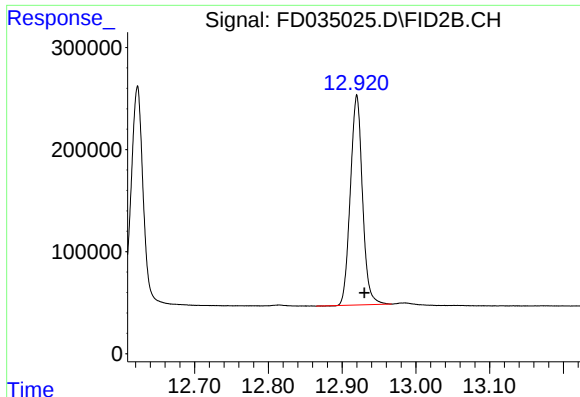
#11 ortho-Terphenyl (SURR)

R.T.: 11.573 min
Delta R.T.: -0.010 min
Response: 2756956
Conc: 20.11 ug/ml



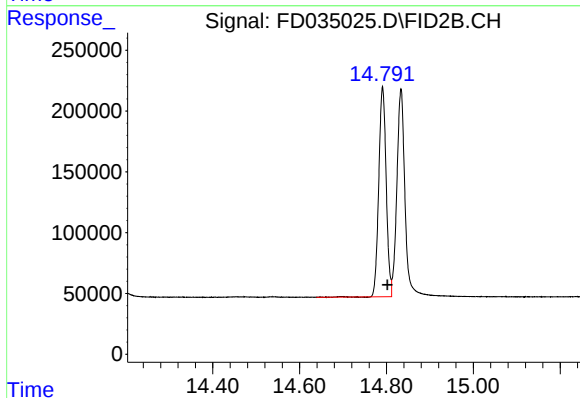
#12 Fluoranthene (C21.85)

R.T.: 12.622 min
Delta R.T.: -0.011 min
Response: 2461786
Conc: 18.71 ug/ml



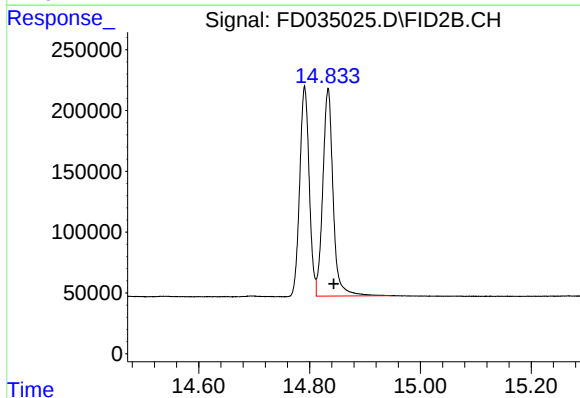
#13 Pyrene (C20.8)

R.T.: 12.920 min
Delta R.T.: -0.010 min
Response: 2344010
Conc: 18.31 ug/ml



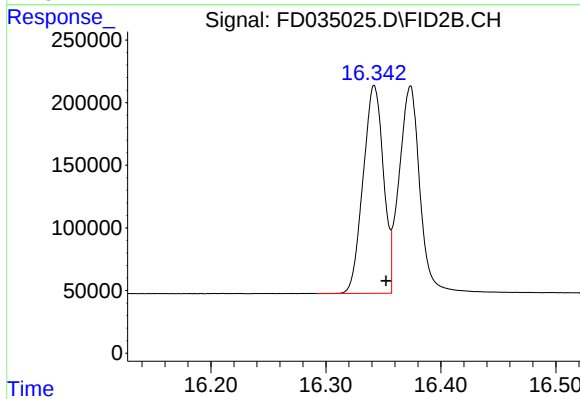
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.791 min
Delta R.T.: -0.011 min
Response: 2041208
Conc: 17.93 ug/ml



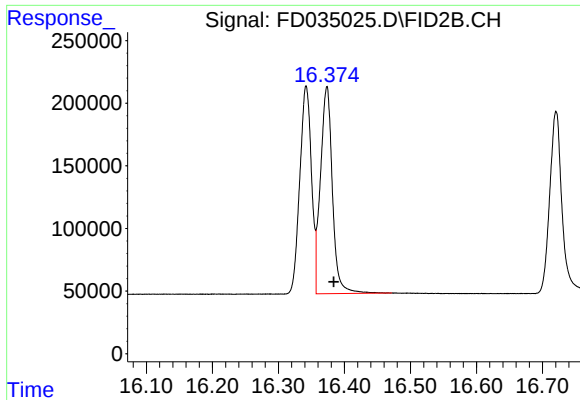
#15 Chrysene (C27.41)

R.T.: 14.833 min
Delta R.T.: -0.010 min
Response: 2207442
Conc: 18.02 ug/ml



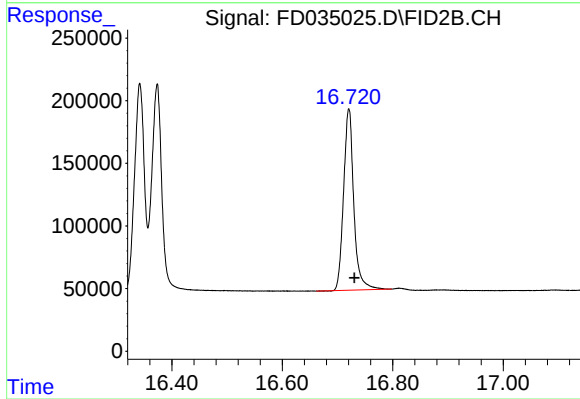
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.342 min
Delta R.T.: -0.010 min
Response: 2038017
Conc: 19.01 ug/ml



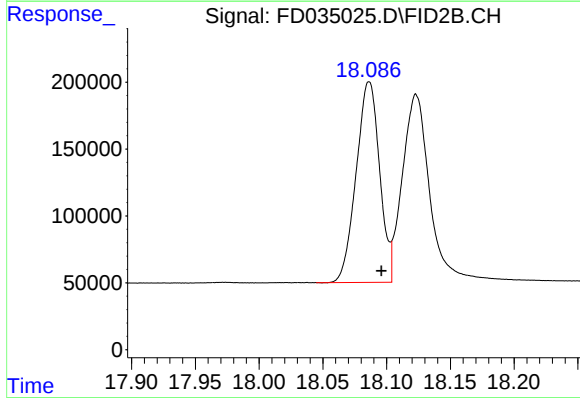
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.373 min
Delta R.T.: -0.011 min
Response: 2075897
Conc: 19.22 ug/ml



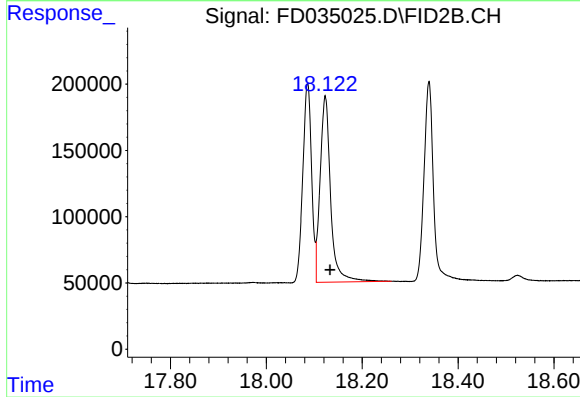
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.720 min
Delta R.T.: -0.010 min
Response: 1857145
Conc: 19.06 ug/ml



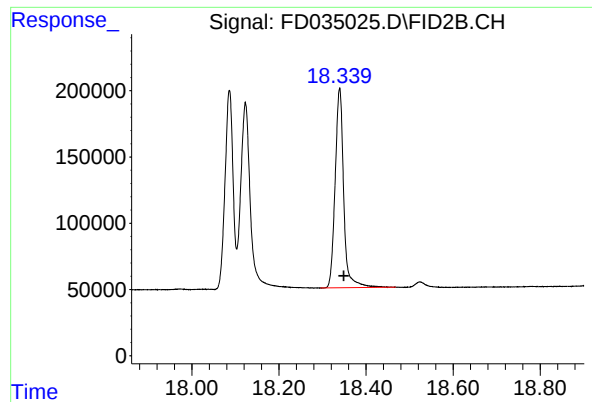
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.086 min
Delta R.T.: -0.010 min
Response: 1919834
Conc: 20.72 ug/ml



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

R.T.: 18.123 min
Delta R.T.: -0.010 min
Response: 2135393
Conc: 21.14 ug/ml



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

R.T.: 18.339 min
Delta R.T.: -0.010 min
Response: 2056394
Conc: 21.34 ug/ml