

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060319AR\
 Data File : FD029344.D
 Signal(s) : FID2B.CH
 Acq On : 04 Jun 2019 2:03
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 04 03:32:29 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051519.M
 Quant Title : GC Extractables
 QLast Update : Wed May 15 16:09:05 2019
 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...	7.742	1472140	18.599 ug/ml
Spiked Amount 50.000		Recovery =	37.20%
6) S 2-Fluorobiphenyl (SURR)	8.606	1034670	19.160 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.32%
11) S ortho-Terphenyl (SURR)	11.643	1626018	19.717 ug/ml
Spiked Amount 50.000		Recovery =	39.43%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.535	1611916	18.106 ug/ml
2) T Naphthalene (C11.7)	6.081	1722418	18.427 ug/ml
3) T 2-Methylnaphthalene (...)	7.133	1676208	18.605 ug/ml
5) T Acenaphthylene (C15.06)	8.411	1643456	19.113 ug/ml
7) T Acenaphthene (C15.5)	8.705	1713868	19.179 ug/ml
8) T Fluorene (C16.55)	9.485	1700743	19.427 ug/ml
9) T Phenanthrene (C19.36)	10.881	1785465	19.934 ug/ml
10) T Anthracene (C19.43)	10.955	1742025	19.577 ug/ml
12) T Fluoranthene (C21.85)	12.690	1892608	19.716 ug/ml
13) T Pyrene (C20.8)	12.988	1931535	19.633 ug/ml
14) T Benzo[a]anthracene (C...	14.852	1861333	18.860 ug/ml
15) T Chrysene (C27.41)	14.895	1894934	18.925 ug/ml
16) T benzo[b]fluoranthene ...	16.399	1936740	18.788 ug/ml
17) T Bnezo[k]fluoranthene ...	16.431	1906779	18.815 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.777	1897967	18.729 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.136	1773897	18.255 ug/ml
20) T Dibenz[a,h]anthracene...	18.175	1696419	18.860 ug/ml
21) T Benzo[g,h,i]perylene ...	18.392	1861368	18.405 ug/ml

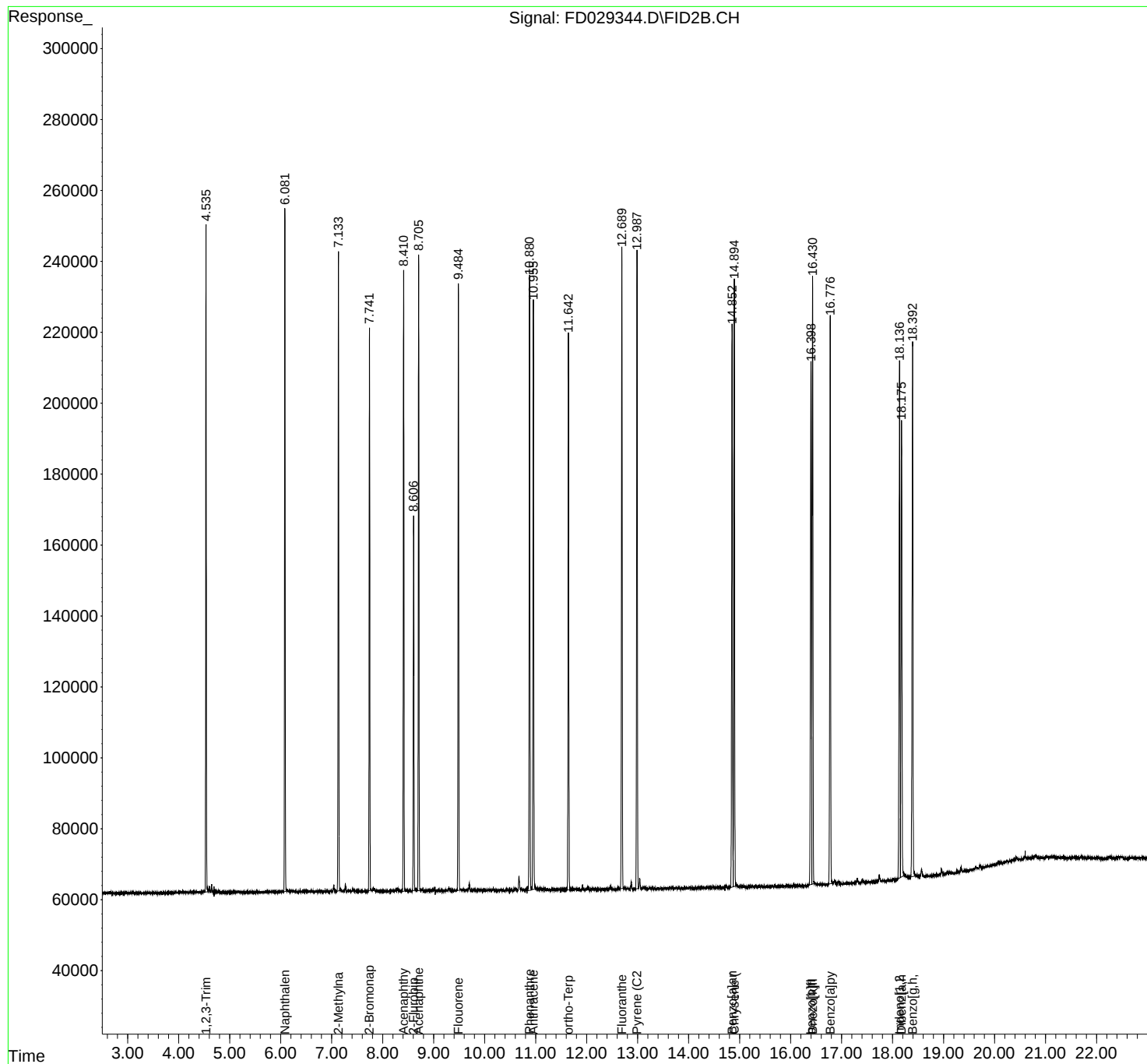
(f)=RT Delta > 1/2 Window

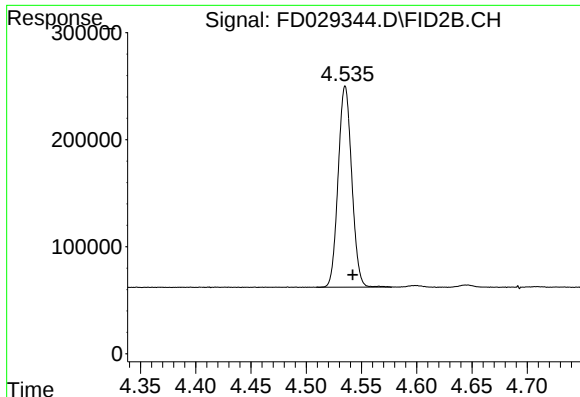
(m)=manual int.

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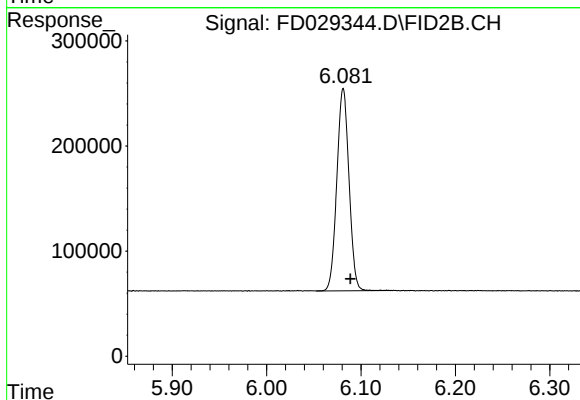
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Signal Info : 20M x 0.18mm x 0.18µm





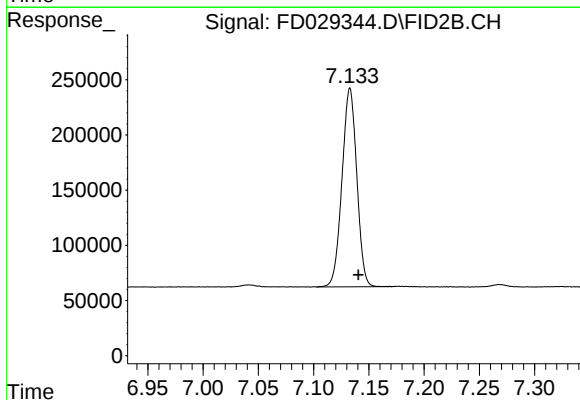
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.535 min
Delta R.T.: -0.007 min
Response: 1611916
Conc: 18.11 ug/ml



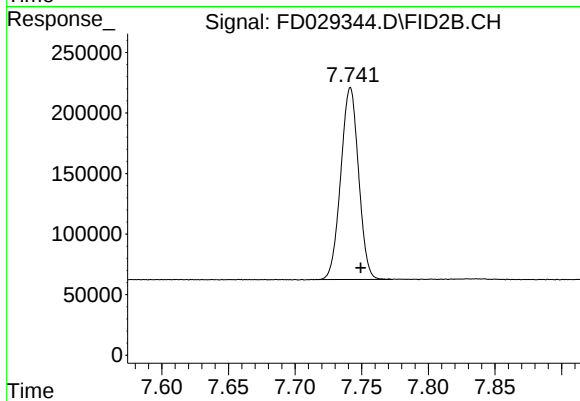
#2 Naphthalene (C11.7)

R.T.: 6.081 min
Delta R.T.: -0.007 min
Response: 1722418
Conc: 18.43 ug/ml



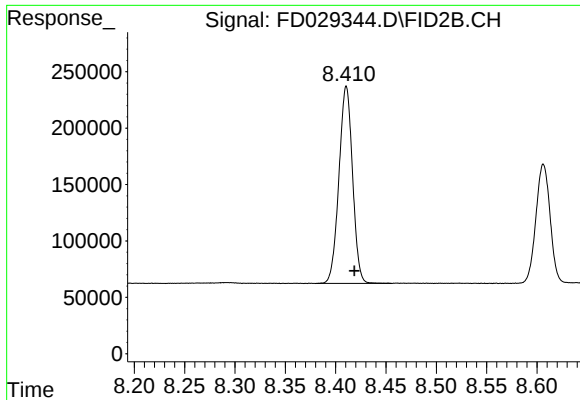
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.133 min
Delta R.T.: -0.008 min
Response: 1676208
Conc: 18.60 ug/ml



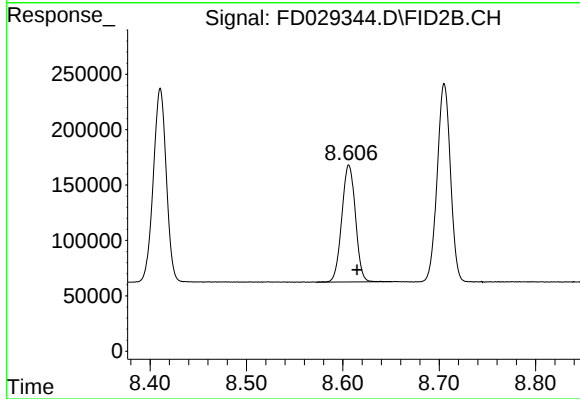
#4 2-Bromonaphthalene (SURR)

R.T.: 7.742 min
Delta R.T.: -0.008 min
Response: 1472140
Conc: 18.60 ug/ml



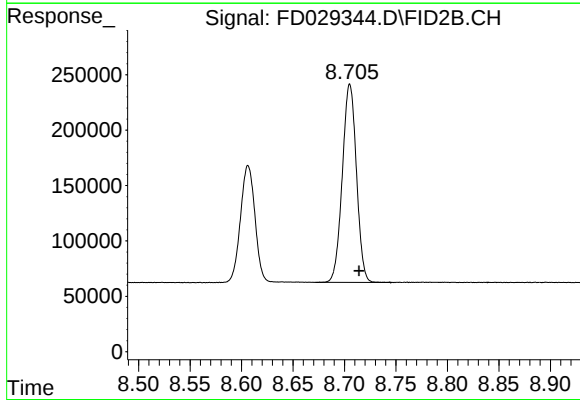
#5 Acenaphthylene (C15.06)

R.T.: 8.411 min
Delta R.T.: -0.008 min
Response: 1643456
Conc: 19.11 ug/ml



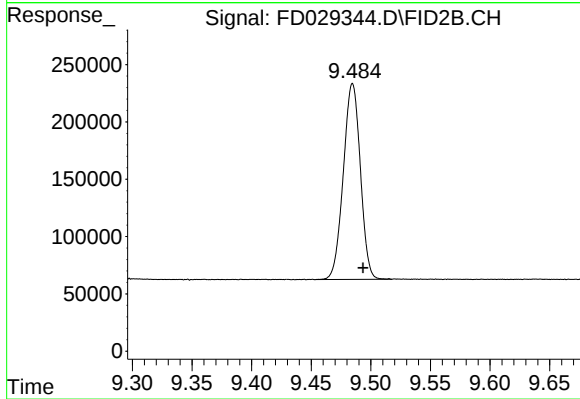
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.606 min
Delta R.T.: -0.009 min
Response: 1034670
Conc: 19.16 ug/ml



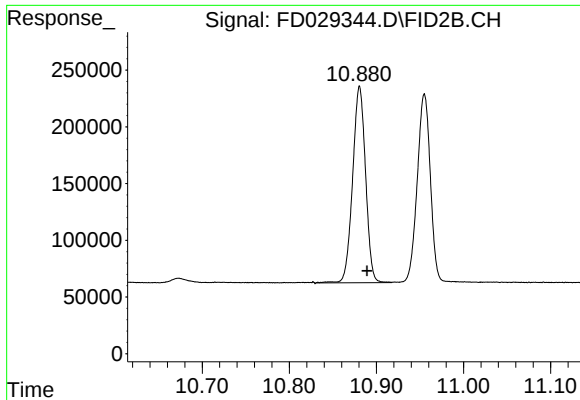
#7 Acenaphthene (C15.5)

R.T.: 8.705 min
Delta R.T.: -0.009 min
Response: 1713868
Conc: 19.18 ug/ml



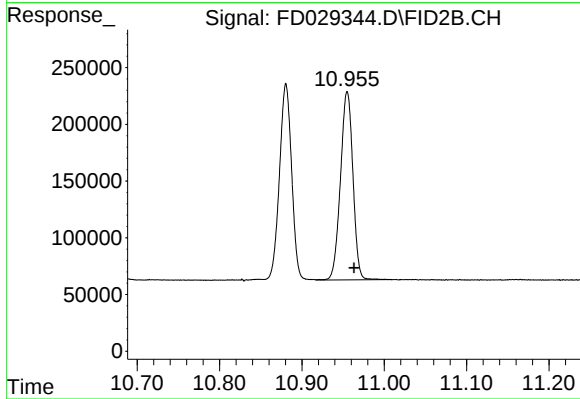
#8 Fluorene (C16.55)

R.T.: 9.485 min
Delta R.T.: -0.009 min
Response: 1700743
Conc: 19.43 ug/ml



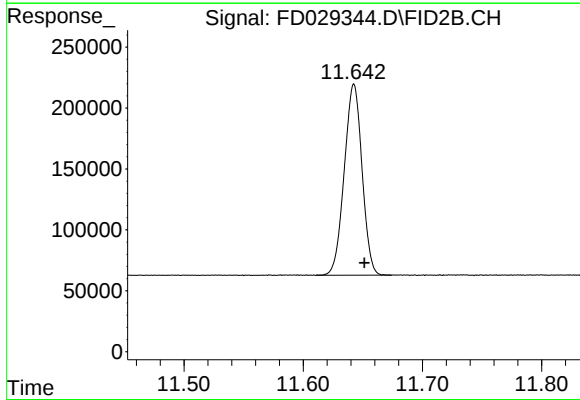
#9 Phenanthrene (C19.36)

R.T.: 10.881 min
Delta R.T.: -0.009 min
Response: 1785465
Conc: 19.93 ug/ml



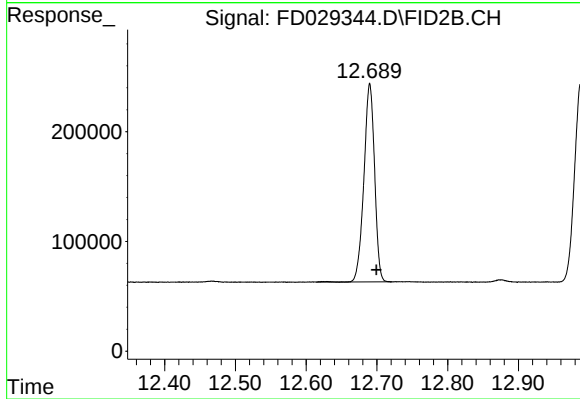
#10 Anthracene (C19.43)

R.T.: 10.955 min
Delta R.T.: -0.008 min
Response: 1742025
Conc: 19.58 ug/ml



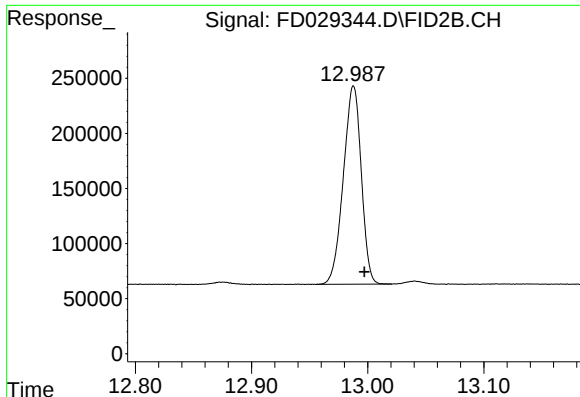
#11 ortho-Terphenyl (SURR)

R.T.: 11.643 min
Delta R.T.: -0.009 min
Response: 1626018
Conc: 19.72 ug/ml



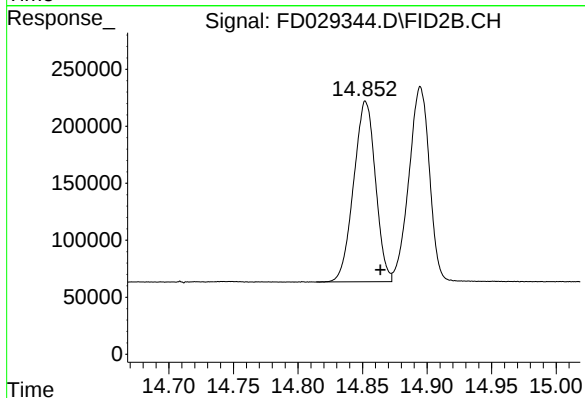
#12 Fluoranthene (C21.85)

R.T.: 12.690 min
Delta R.T.: -0.009 min
Response: 1892608
Conc: 19.72 ug/ml



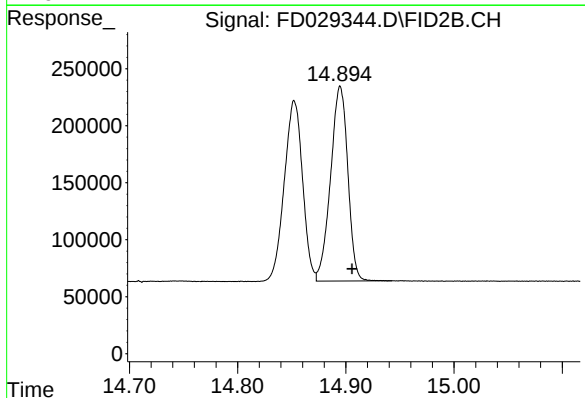
#13 Pyrene (C20.8)

R.T.: 12.988 min
Delta R.T.: -0.009 min
Response: 1931535
Conc: 19.63 ug/ml



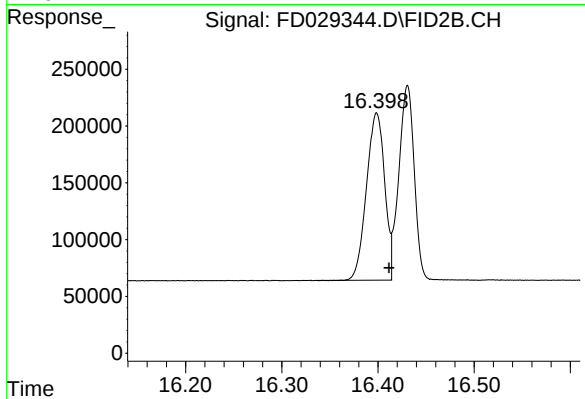
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.852 min
Delta R.T.: -0.011 min
Response: 1861333
Conc: 18.86 ug/ml



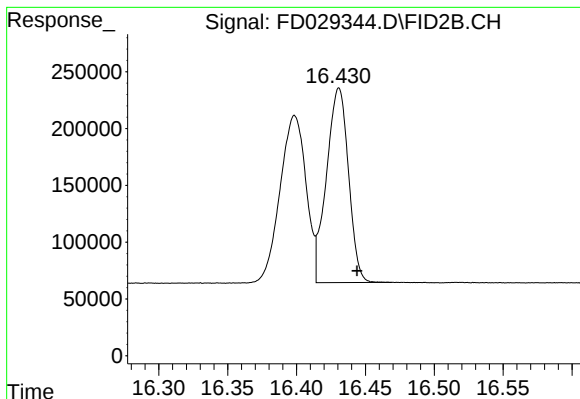
#15 Chrysene (C27.41)

R.T.: 14.895 min
Delta R.T.: -0.011 min
Response: 1894934
Conc: 18.92 ug/ml



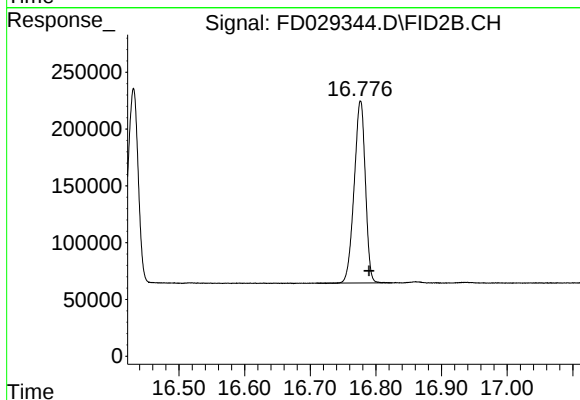
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.399 min
Delta R.T.: -0.013 min
Response: 1936740
Conc: 18.79 ug/ml



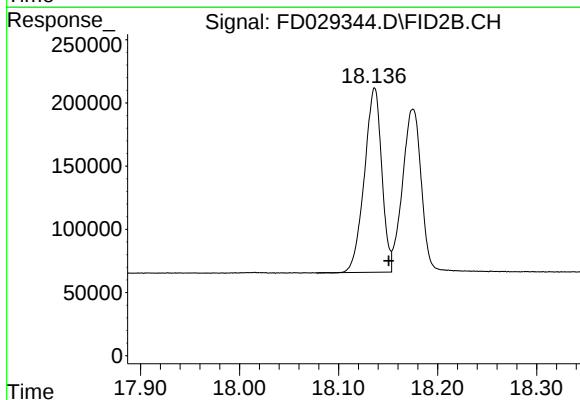
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.431 min
Delta R.T.: -0.013 min
Response: 1906779
Conc: 18.82 ug/ml



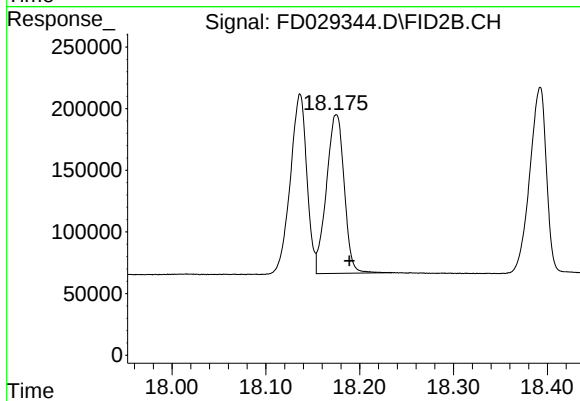
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.777 min
Delta R.T.: -0.013 min
Response: 1897967
Conc: 18.73 ug/ml



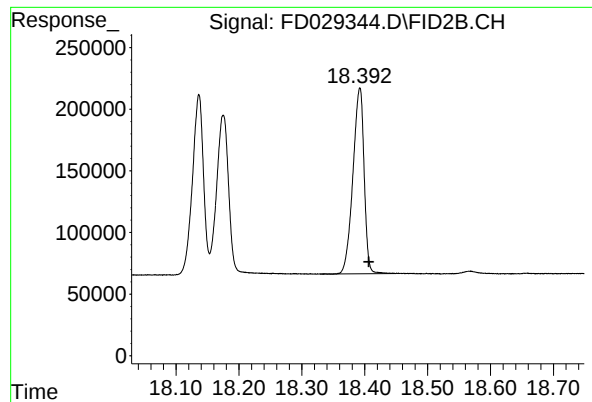
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.136 min
Delta R.T.: -0.014 min
Response: 1773897
Conc: 18.26 ug/ml



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

R.T.: 18.175 min
Delta R.T.: -0.014 min
Response: 1696419
Conc: 18.86 ug/ml



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

R.T.: 18.392 min
Delta R.T.: -0.014 min
Response: 1861368
Conc: 18.41 ug/ml