

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052019A\
 Data File : FD029228.D
 Signal(s) : FID2B.CH
 Acq On : 21 May 2019 00:38
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 21 03:23:09 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...	7.746	1650469	20.852 ug/ml
Spiked Amount 50.000		Recovery =	41.70%
6) S 2-Fluorobiphenyl (SURR)	8.612	1075162	19.909 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.82%
11) S ortho-Terphenyl (SURR)	11.648	1623020	19.681 ug/ml
Spiked Amount 50.000		Recovery =	39.36%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.539	1855382	20.841 ug/ml
2) T Naphthalene (C11.7)	6.085	1948604	20.847 ug/ml
3) T 2-Methylnaphthalene (...)	7.137	1865763	20.709 ug/ml
5) T Acenaphthylene (C15.06)	8.415	1733589	20.161 ug/ml
7) T Acenaphthene (C15.5)	8.711	1814508	20.305 ug/ml
8) T Fluorene (C16.55)	9.490	1735976	19.830 ug/ml
9) T Phenanthrene (C19.36)	10.886	1720201	19.205 ug/ml
10) T Anthracene (C19.43)	10.960	1699718	19.102 ug/ml
12) T Fluoranthene (C21.85)	12.696	1828703	19.050 ug/ml
13) T Pyrene (C20.8)	12.994	1855463	18.859 ug/ml
14) T Benzo[a]anthracene (C...	14.860	1802356	18.262 ug/ml
15) T Chrysene (C27.41)	14.902	1833624	18.312 ug/ml
16) T benzo[b]fluoranthene ...	16.406	1914201	18.569 ug/ml
17) T Bnezo[k]fluoranthene ...	16.438	1890257	18.652 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.784	1848722	18.243 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.144	1737702	17.883 ug/ml
20) T Dibenz[a,h]anthracene...	18.182	1564885	17.397 ug/ml
21) T Benzo[g,h,i]perylene ...	18.399	1865306	18.444 ug/ml

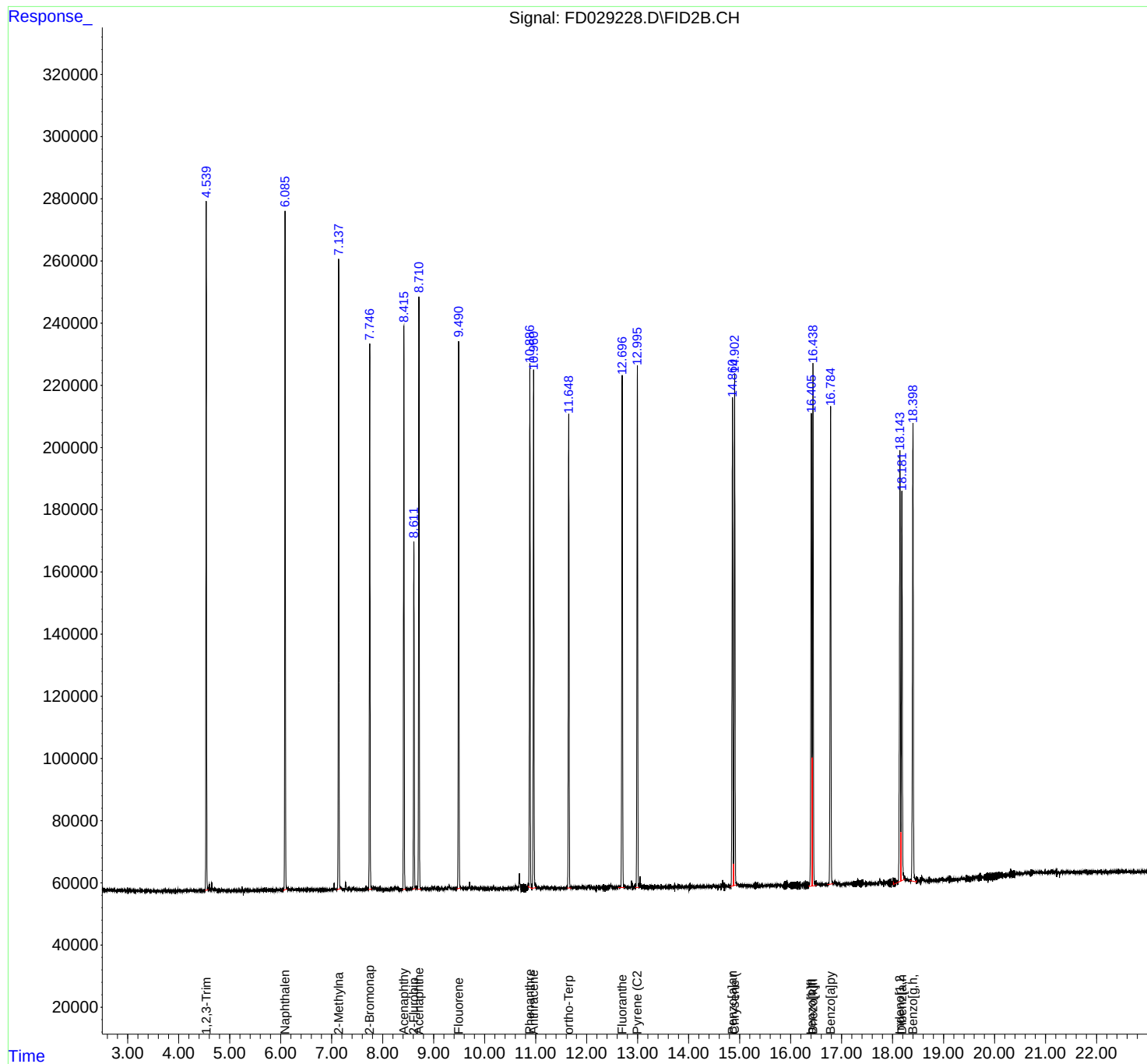
(f)=RT Delta > 1/2 Window

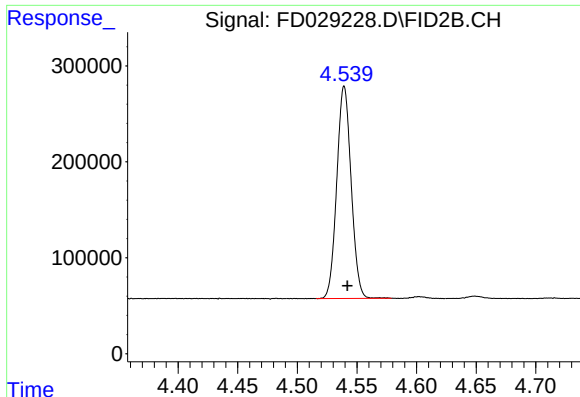
(m)=manual int.

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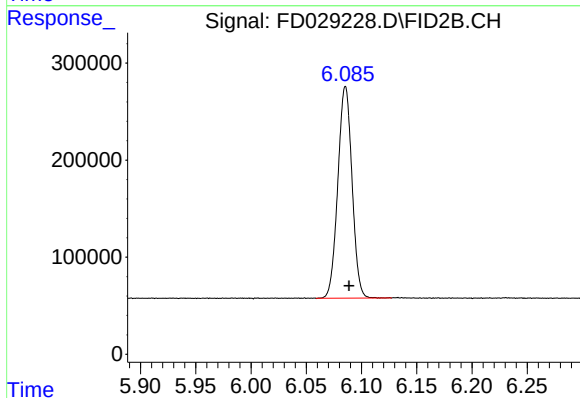
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





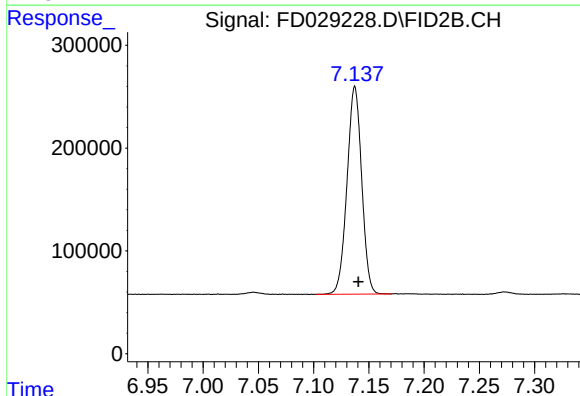
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.539 min
Delta R.T.: -0.003 min
Response: 1855382
Conc: 20.84 ug/ml



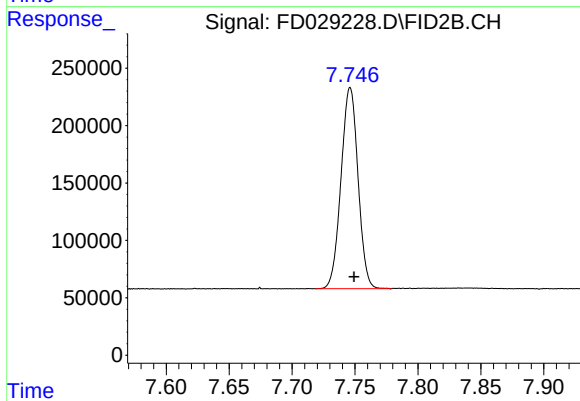
#2 Naphthalene (C11.7)

R.T.: 6.085 min
Delta R.T.: -0.003 min
Response: 1948604
Conc: 20.85 ug/ml



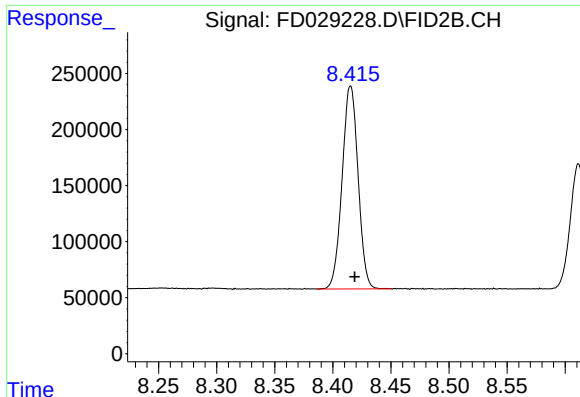
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.137 min
Delta R.T.: -0.003 min
Response: 1865763
Conc: 20.71 ug/ml



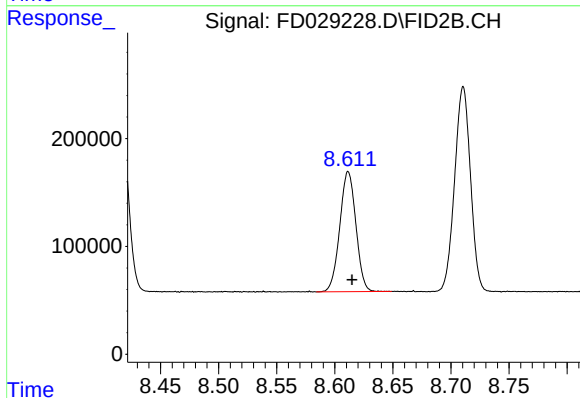
#4 2-Bromonaphthalene (SURR)

R.T.: 7.746 min
Delta R.T.: -0.003 min
Response: 1650469
Conc: 20.85 ug/ml



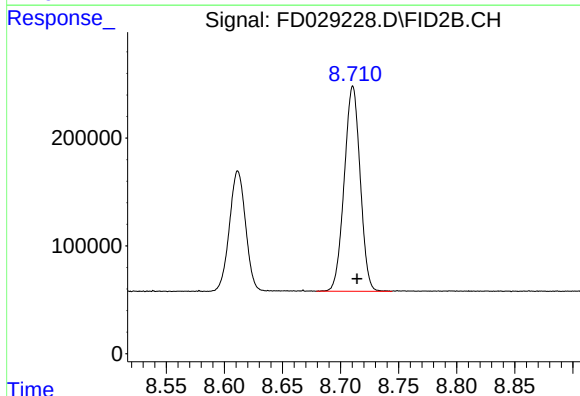
#5 Acenaphthylene (C15.06)

R.T.: 8.415 min
Delta R.T.: -0.003 min
Response: 1733589
Conc: 20.16 ug/ml



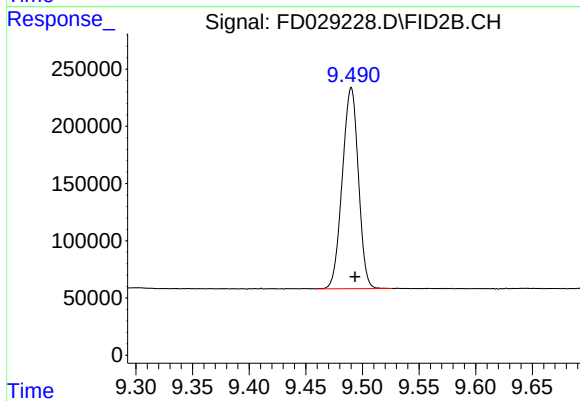
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.612 min
Delta R.T.: -0.003 min
Response: 1075162
Conc: 19.91 ug/ml



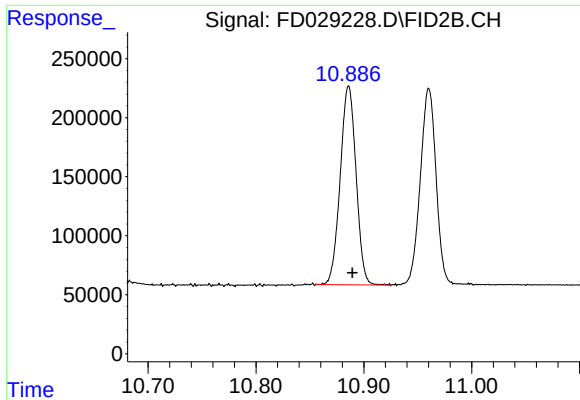
#7 Acenaphthene (C15.5)

R.T.: 8.711 min
Delta R.T.: -0.004 min
Response: 1814508
Conc: 20.30 ug/ml



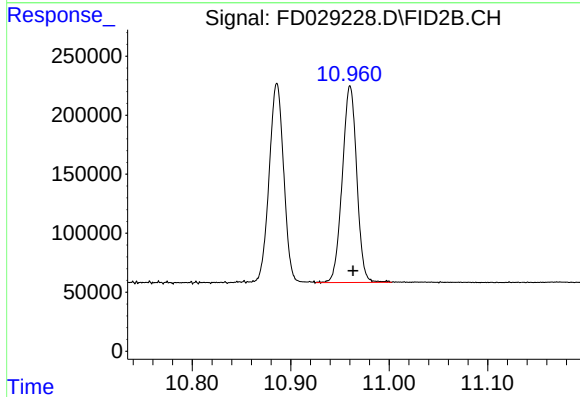
#8 Flouorene (C16.55)

R.T.: 9.490 min
Delta R.T.: -0.003 min
Response: 1735976
Conc: 19.83 ug/ml



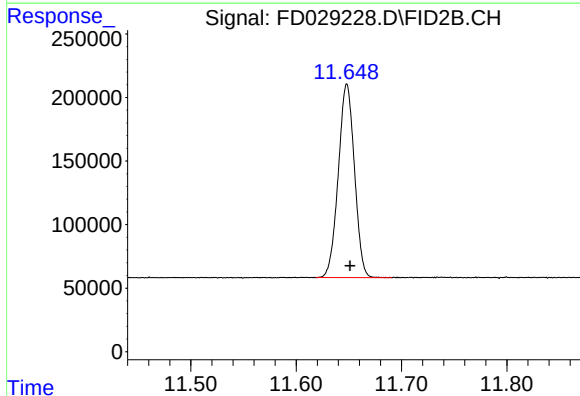
#9 Phenanthrene (C19.36)

R.T.: 10.886 min
Delta R.T.: -0.003 min
Response: 1720201
Conc: 19.21 ug/ml



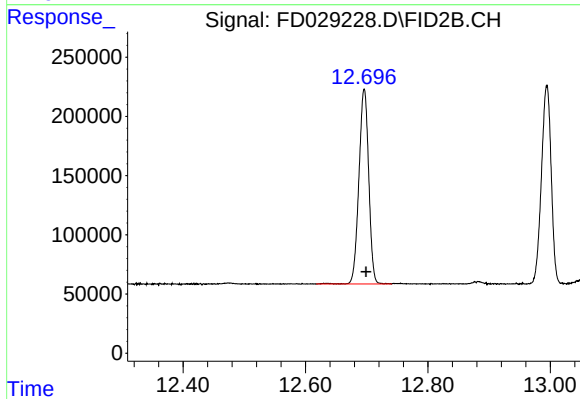
#10 Anthracene (C19.43)

R.T.: 10.960 min
Delta R.T.: -0.003 min
Response: 1699718
Conc: 19.10 ug/ml



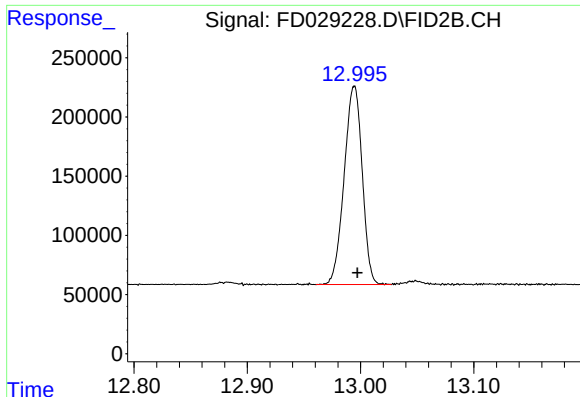
#11 ortho-Terphenyl (SURR)

R.T.: 11.648 min
Delta R.T.: -0.003 min
Response: 1623020
Conc: 19.68 ug/ml



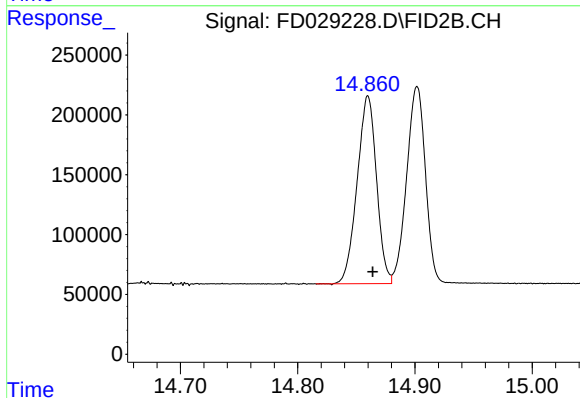
#12 Fluoranthene (C21.85)

R.T.: 12.696 min
Delta R.T.: -0.003 min
Response: 1828703
Conc: 19.05 ug/ml



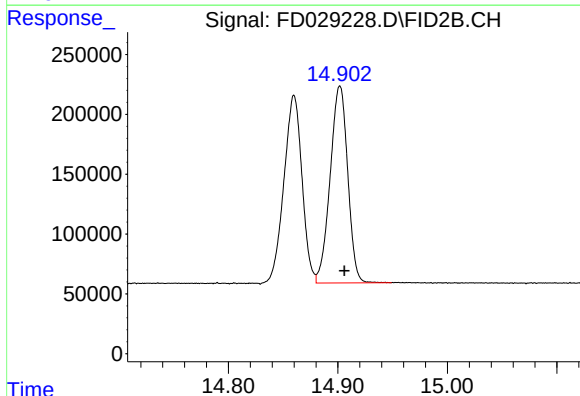
#13 Pyrene (C20.8)

R.T.: 12.994 min
Delta R.T.: -0.003 min
Response: 1855463
Conc: 18.86 ug/ml



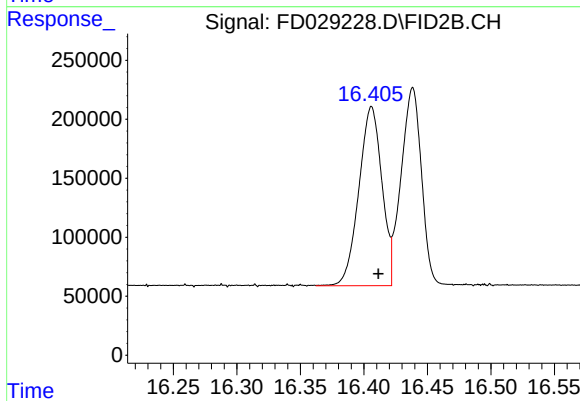
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.860 min
Delta R.T.: -0.004 min
Response: 1802356
Conc: 18.26 ug/ml



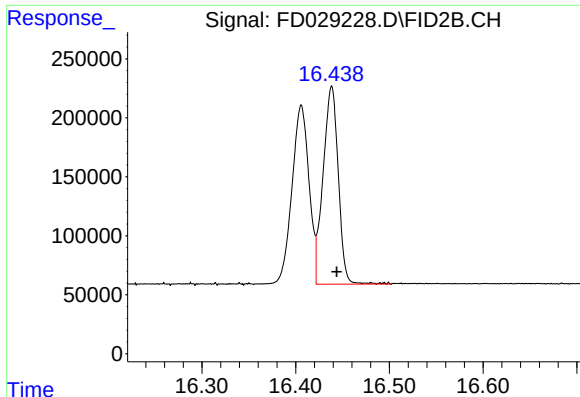
#15 Chrysene (C27.41)

R.T.: 14.902 min
Delta R.T.: -0.004 min
Response: 1833624
Conc: 18.31 ug/ml



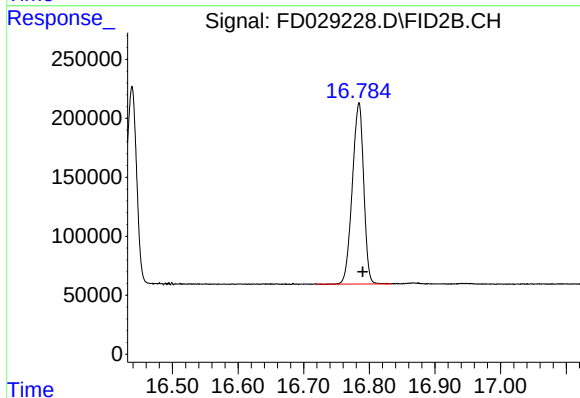
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.406 min
Delta R.T.: -0.006 min
Response: 1914201
Conc: 18.57 ug/ml



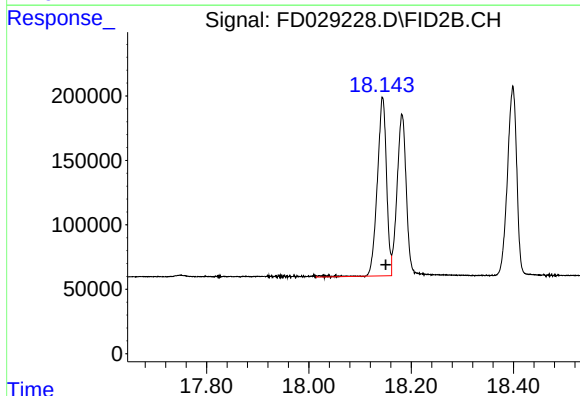
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.438 min
Delta R.T.: -0.005 min
Response: 1890257
Conc: 18.65 ug/ml



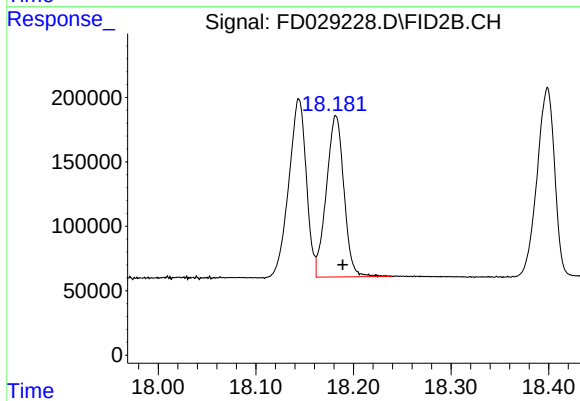
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.784 min
Delta R.T.: -0.006 min
Response: 1848722
Conc: 18.24 ug/ml



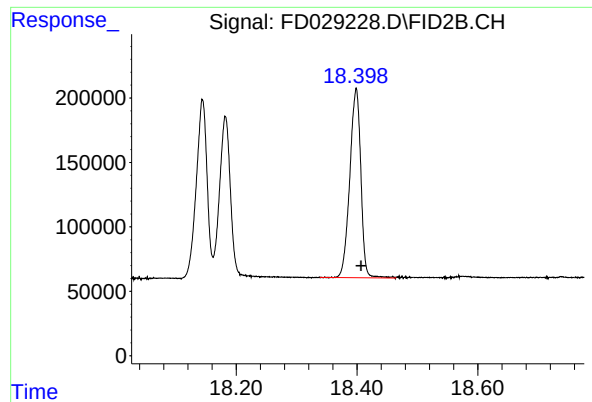
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.144 min
Delta R.T.: -0.006 min
Response: 1737702
Conc: 17.88 ug/ml



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

R.T.: 18.182 min
Delta R.T.: -0.007 min
Response: 1564885
Conc: 17.40 ug/ml



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

R.T.: 18.399 min
Delta R.T.: -0.008 min
Response: 1865306
Conc: 18.44 ug/ml