

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052019A\
 Data File : FD029211.D
 Signal(s) : FID2B.CH
 Acq On : 20 May 2019 11:50
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 21 03:19:12 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	1496681	18.909 ug/ml
Spiked Amount 50.000		Recovery =	37.82%
6) S 2-Fluorobiphenyl (SURR)	8.612	1004688	18.604 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.21%
11) S ortho-Terphenyl (SURR)	11.648	1523192	18.470 ug/ml
Spiked Amount 50.000		Recovery =	36.94%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.539	1732494	19.461 ug/ml
2) T Naphthalene (C11.7)	6.085	1784879	19.096 ug/ml
3) T 2-Methylnaphthalene (...)	7.137	1708936	18.968 ug/ml
5) T Acenaphthylene (C15.06)	8.415	1600797	18.617 ug/ml
7) T Acenaphthene (C15.5)	8.711	1671433	18.704 ug/ml
8) T Fluorene (C16.55)	9.490	1622707	18.536 ug/ml
9) T Phenanthrene (C19.36)	10.886	1688460	18.851 ug/ml
10) T Anthracene (C19.43)	10.961	1663267	18.692 ug/ml
12) T Fluoranthene (C21.85)	12.697	1775714	18.498 ug/ml
13) T Pyrene (C20.8)	12.994	1813692	18.435 ug/ml
14) T Benzo[a]anthracene (C...	14.860	1769593	17.930 ug/ml
15) T Chrysene (C27.41)	14.902	1806317	18.040 ug/ml
16) T benzo[b]fluoranthene ...	16.406	1856455	18.009 ug/ml
17) T Bnezo[k]fluoranthene ...	16.438	1824600	18.004 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.785	1808701	17.848 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.145	1672064	17.207 ug/ml
20) T Dibenz[a,h]anthracene...	18.183	1519923	16.898 ug/ml
21) T Benzo[g,h,i]perylene ...	18.399	1804142	17.839 ug/ml

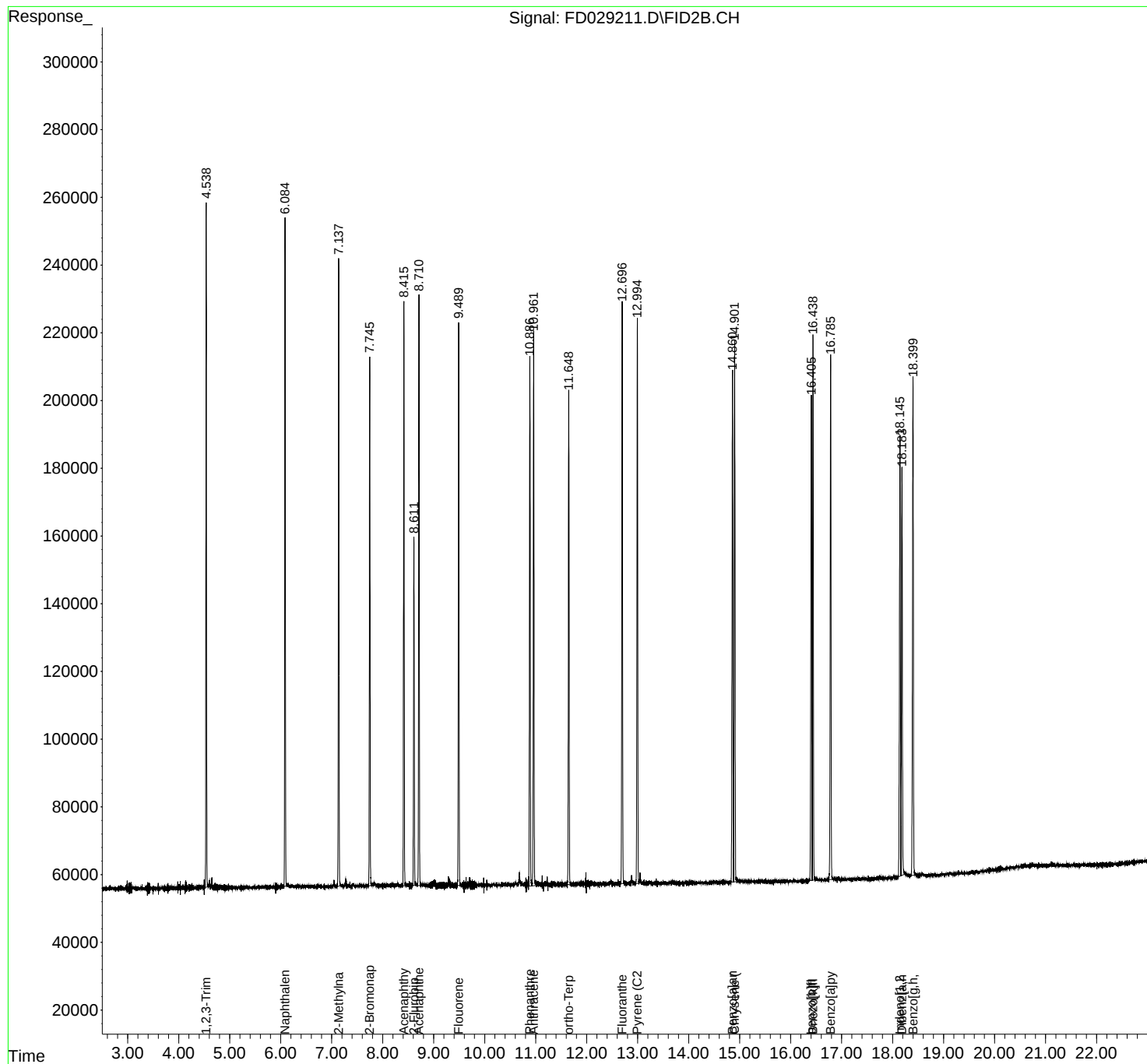
(f)=RT Delta > 1/2 Window

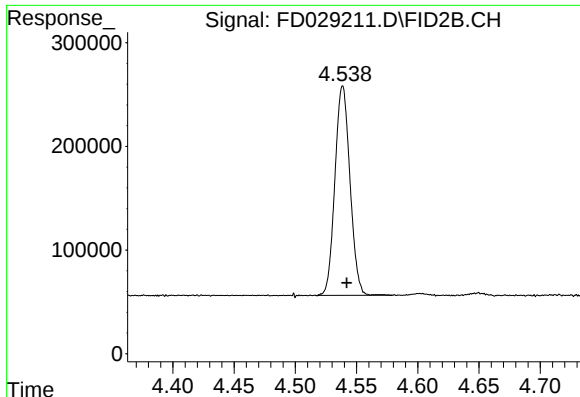
(m)=manual int.

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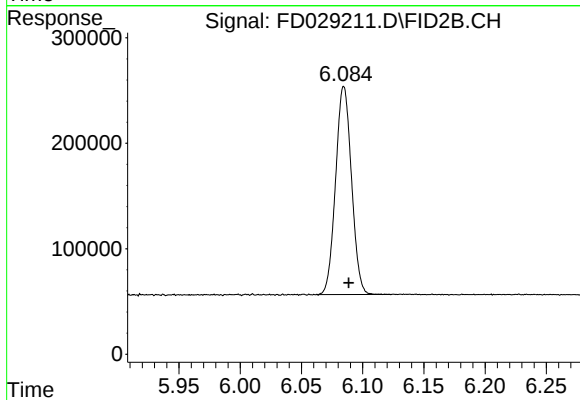
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Signal Info : 20M x 0.18mm x 0.18µm





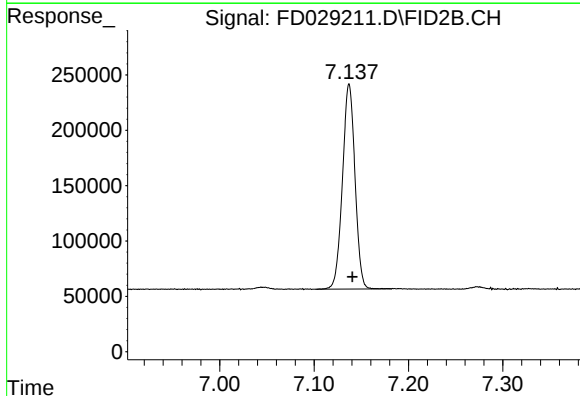
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.539 min
Delta R.T.: -0.003 min
Response: 1732494
Conc: 19.46 ug/ml



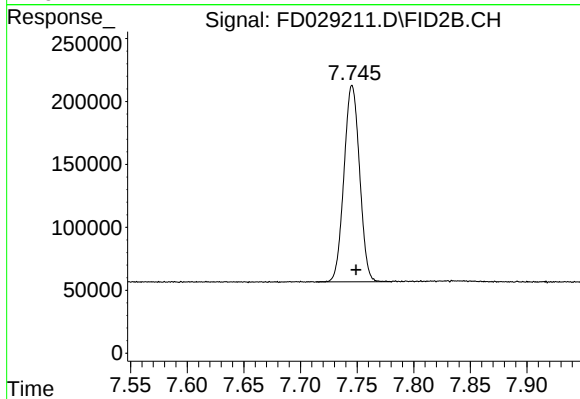
#2 Naphthalene (C11.7)

R.T.: 6.085 min
Delta R.T.: -0.004 min
Response: 1784879
Conc: 19.10 ug/ml



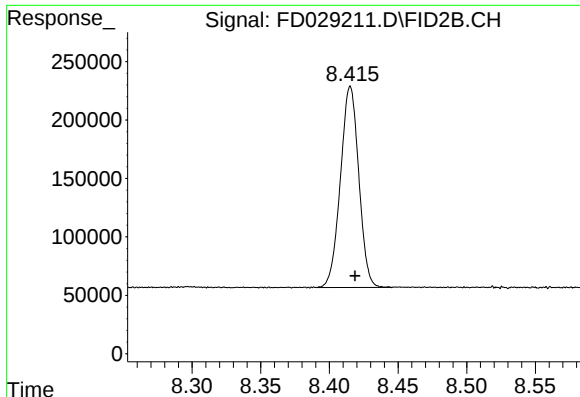
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.137 min
Delta R.T.: -0.003 min
Response: 1708936
Conc: 18.97 ug/ml



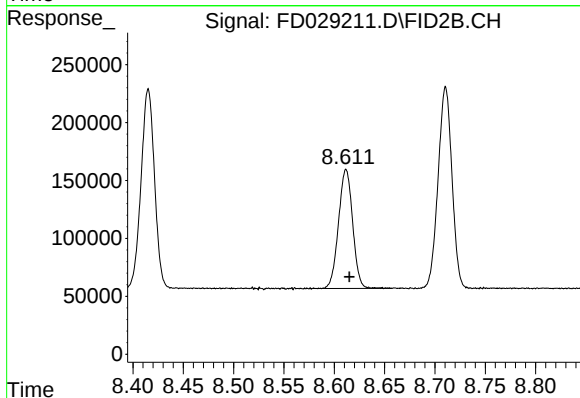
#4 2-Bromonaphthalene (SURR)

R.T.: 7.746 min
Delta R.T.: -0.004 min
Response: 1496681
Conc: 18.91 ug/ml



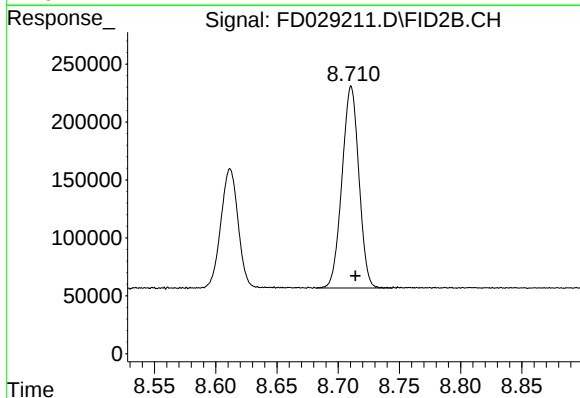
#5 Acenaphthylene (C15.06)

R.T.: 8.415 min
Delta R.T.: -0.004 min
Response: 1600797
Conc: 18.62 ug/ml



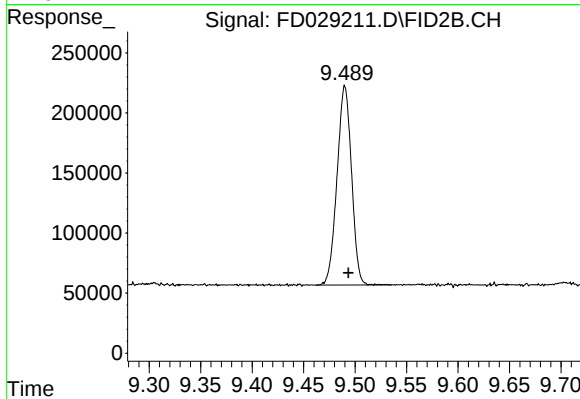
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.612 min
Delta R.T.: -0.003 min
Response: 1004688
Conc: 18.60 ug/ml



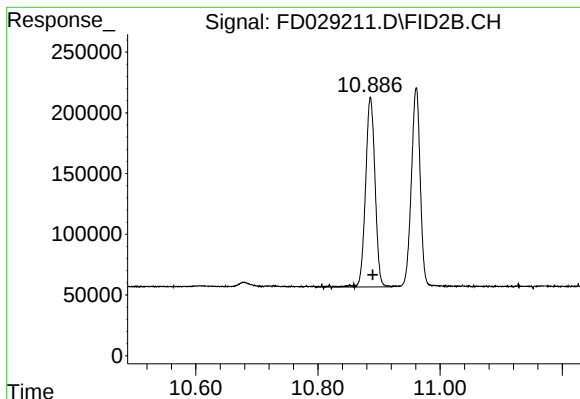
#7 Acenaphthene (C15.5)

R.T.: 8.711 min
Delta R.T.: -0.003 min
Response: 1671433
Conc: 18.70 ug/ml



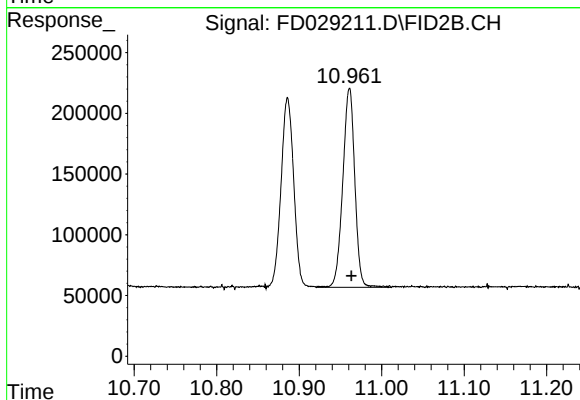
#8 Fluorene (C16.55)

R.T.: 9.490 min
Delta R.T.: -0.003 min
Response: 1622707
Conc: 18.54 ug/ml



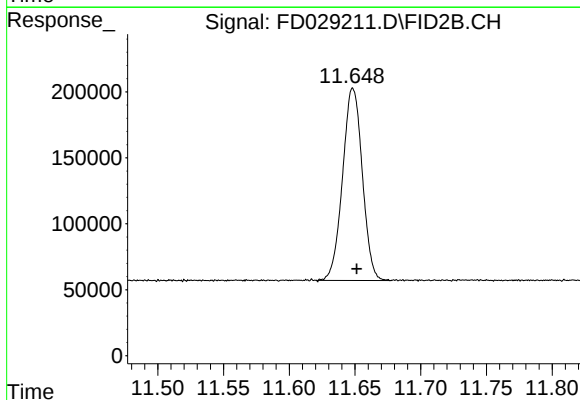
#9 Phenanthrene (C19.36)

R.T.: 10.886 min
Delta R.T.: -0.003 min
Response: 1688460
Conc: 18.85 ug/ml



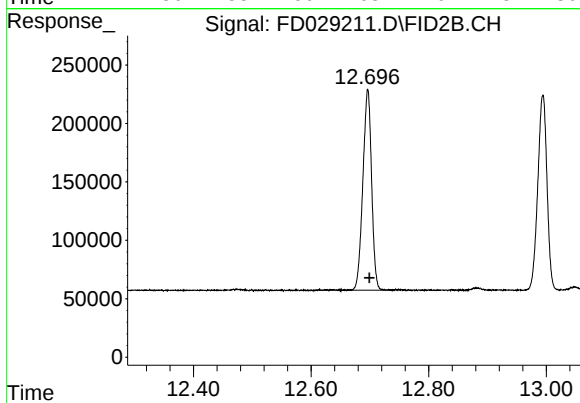
#10 Anthracene (C19.43)

R.T.: 10.961 min
Delta R.T.: -0.002 min
Response: 1663267
Conc: 18.69 ug/ml



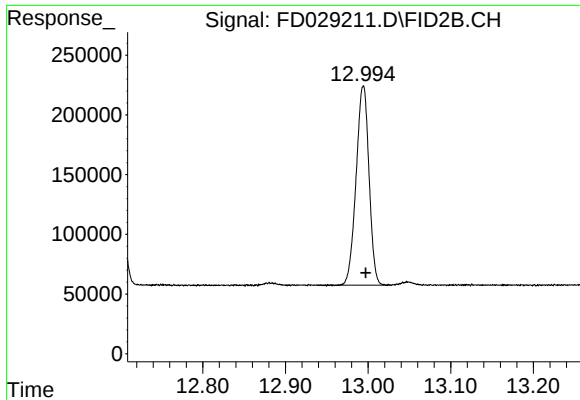
#11 ortho-Terphenyl (SURR)

R.T.: 11.648 min
Delta R.T.: -0.003 min
Response: 1523192
Conc: 18.47 ug/ml



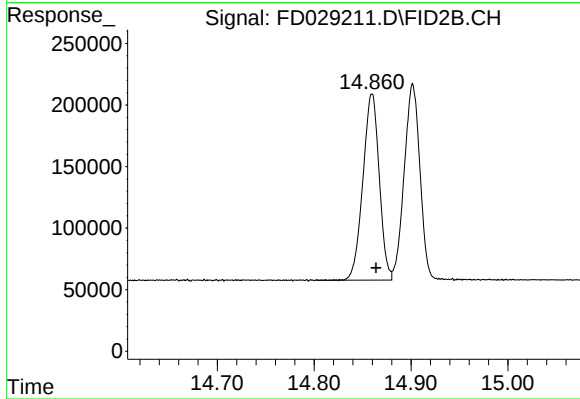
#12 Fluoranthene (C21.85)

R.T.: 12.697 min
Delta R.T.: -0.003 min
Response: 1775714
Conc: 18.50 ug/ml



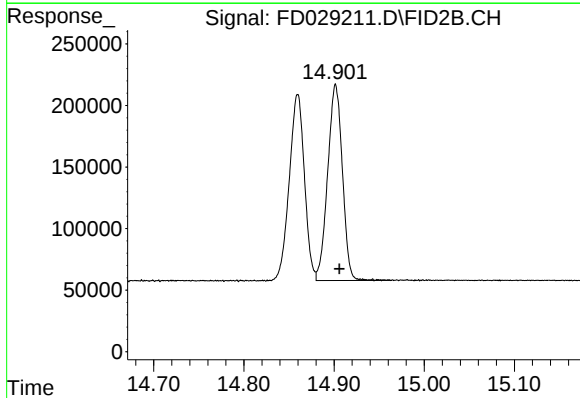
#13 Pyrene (C20.8)

R.T.: 12.994 min
Delta R.T.: -0.003 min
Response: 1813692
Conc: 18.43 ug/ml



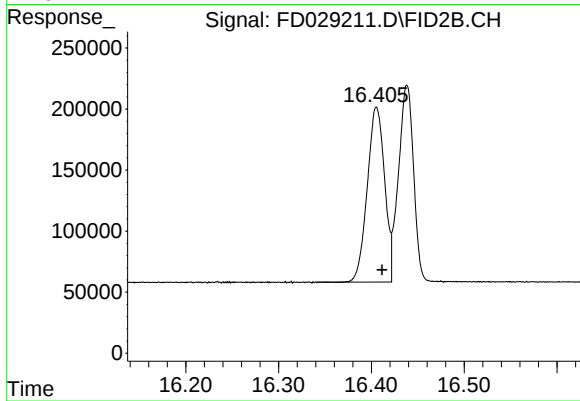
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.860 min
Delta R.T.: -0.004 min
Response: 1769593
Conc: 17.93 ug/ml



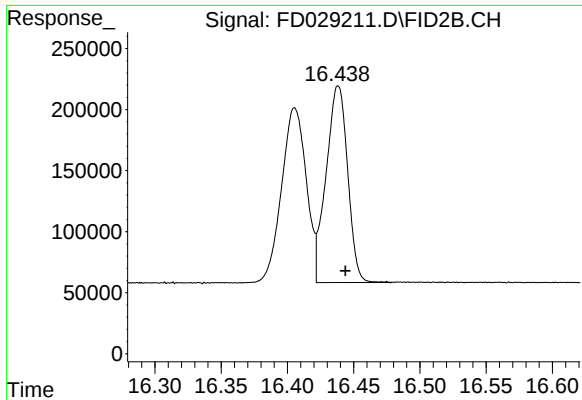
#15 Chrysene (C27.41)

R.T.: 14.902 min
Delta R.T.: -0.004 min
Response: 1806317
Conc: 18.04 ug/ml



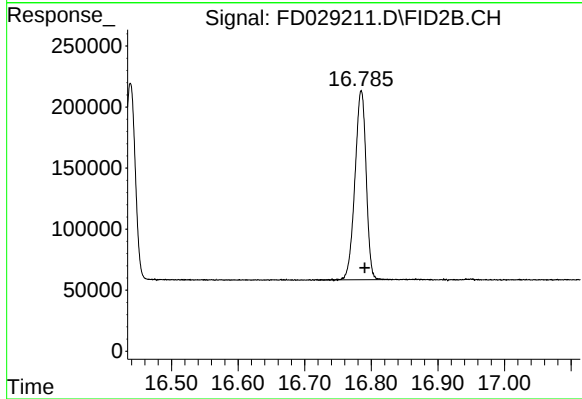
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.406 min
Delta R.T.: -0.006 min
Response: 1856455
Conc: 18.01 ug/ml



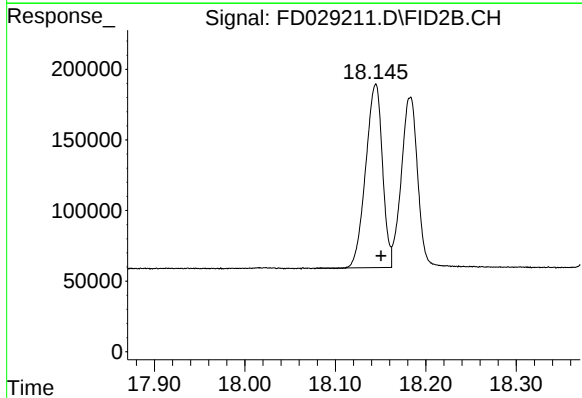
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.438 min
Delta R.T.: -0.005 min
Response: 1824600
Conc: 18.00 ug/ml



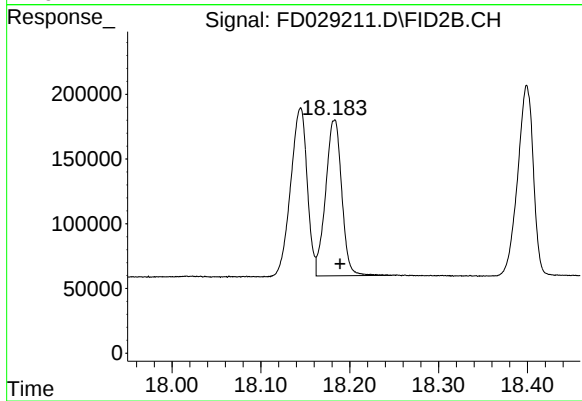
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.785 min
Delta R.T.: -0.005 min
Response: 1808701
Conc: 17.85 ug/ml



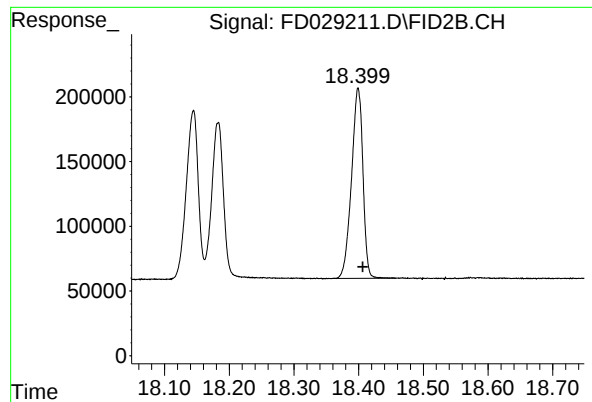
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.145 min
Delta R.T.: -0.006 min
Response: 1672064
Conc: 17.21 ug/ml



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

R.T.: 18.183 min
Delta R.T.: -0.006 min
Response: 1519923
Conc: 16.90 ug/ml



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

R.T.: 18.399 min
Delta R.T.: -0.007 min
Response: 1804142
Conc: 17.84 ug/ml