

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD073018AR\
 Data File : FD025254.D
 Signal(s) : FID2B.CH
 Acq On : 30 Jul 2018 10:46
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 30 15:32:14 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 072018.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 21 00:37:31 2018
 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...	7.444	1320319	17.104 ug/ml
Spiked Amount 50.000		Recovery =	34.21%
6) S 2-Fluorobiphenyl (SURR)	8.296	917085	17.056 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	34.11%
11) S ortho-Terphenyl (SURR)	11.340	1402155	16.522 ug/ml
Spiked Amount 50.000		Recovery =	33.04%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.243	1421888	18.205 ug/ml
2) T Naphthalene (C11.7)	5.779	1540990	17.887 ug/ml
3) T 2-Methylnaphthalene (...)	6.830	1505491	17.510 ug/ml
5) T Acenaphthylene (C15.06)	8.100	1463162	17.226 ug/ml
7) T Acenaphthene (C15.5)	8.396	1520314	17.075 ug/ml
8) T Flouorene (C16.55)	9.174	1493275	16.767 ug/ml
9) T Phenanthrene (C19.36)	10.564	1503651	16.788 ug/ml
10) T Anthracene (C19.43)	10.638	1478332	16.788 ug/ml
12) T Fluoranthene (C21.85)	12.371	1532666	17.445 ug/ml
13) T Pyrene (C20.8)	12.665	1554842	17.693 ug/ml
14) T Benzo[a]anthracene (C...	14.534	1591241	19.079 ug/ml
15) T Chrysene (C27.41)	14.575	1605158	19.054 ug/ml
16) T benzo[b]fluoranthene ...	16.079	1705478	18.956 ug/ml
17) T Bnezo[k]fluoranthene ...	16.111	1707109	18.961 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.454	1723096	18.720 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.816	1715370	18.182 ug/ml
20) T Dibenz[a,h]anthracene...	17.858	1704831	18.629 ug/ml
21) T Benzo[g,h,i]perylene ...	18.068	1755137	18.118 ug/ml

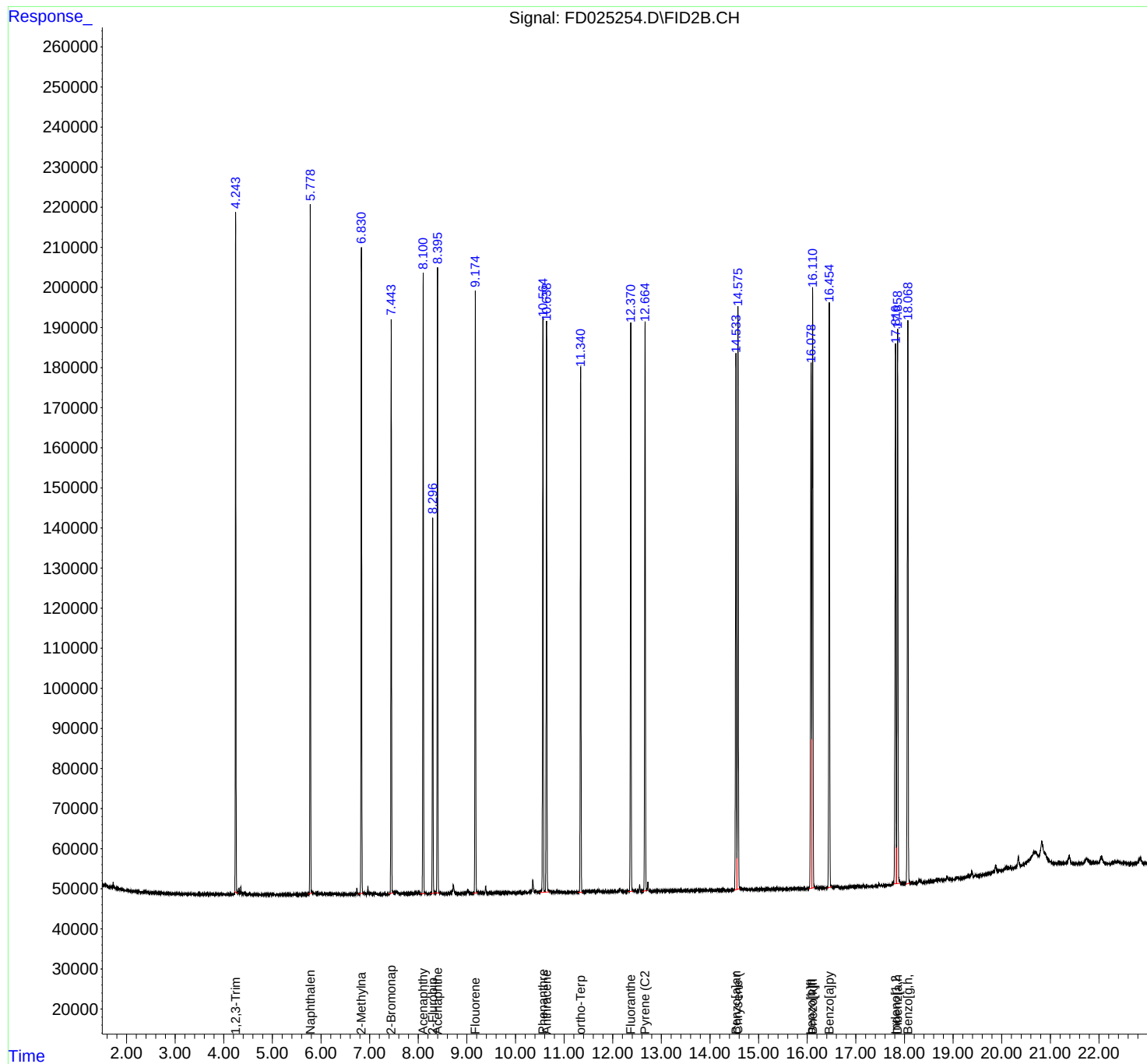
(f)=RT Delta > 1/2 Window

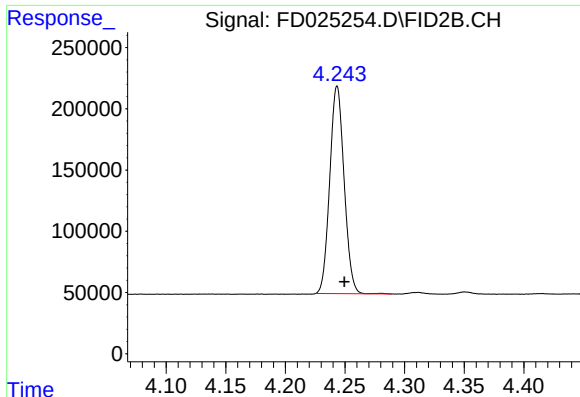
(m)=manual int.

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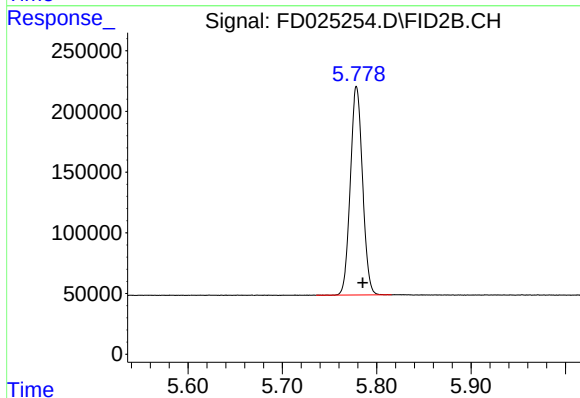
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





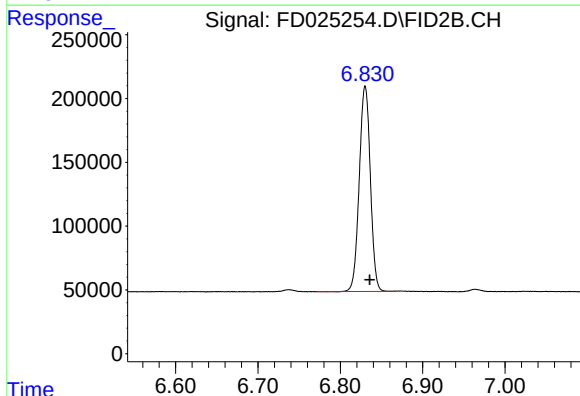
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.243 min
Delta R.T.: -0.006 min
Response: 1421888
Conc: 18.21 ug/ml



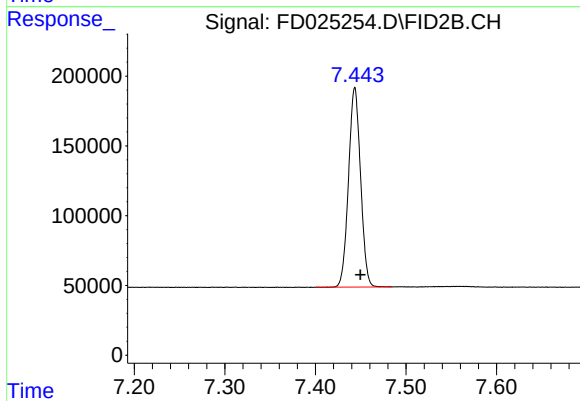
#2 Naphthalene (C11.7)

R.T.: 5.779 min
Delta R.T.: -0.006 min
Response: 1540990
Conc: 17.89 ug/ml



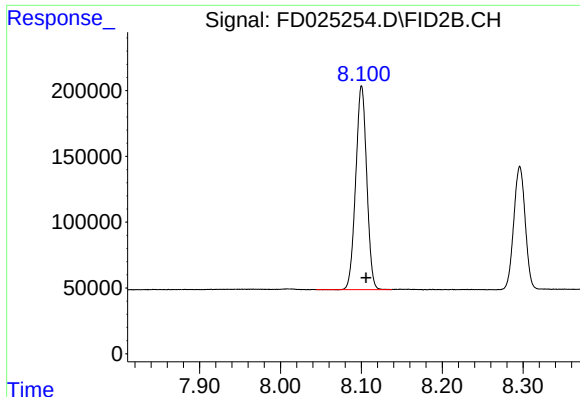
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.830 min
Delta R.T.: -0.006 min
Response: 1505491
Conc: 17.51 ug/ml



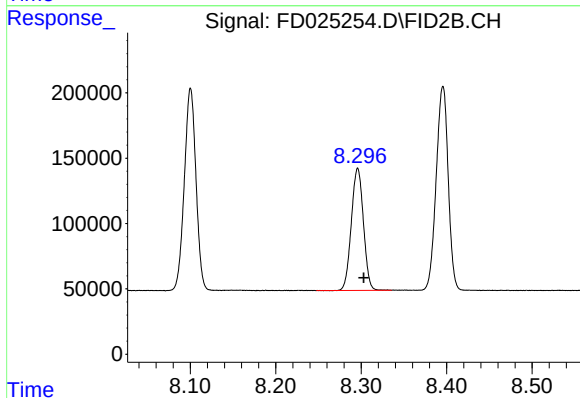
#4 2-Bromonaphthalene (SURR)

R.T.: 7.444 min
Delta R.T.: -0.006 min
Response: 1320319
Conc: 17.10 ug/ml



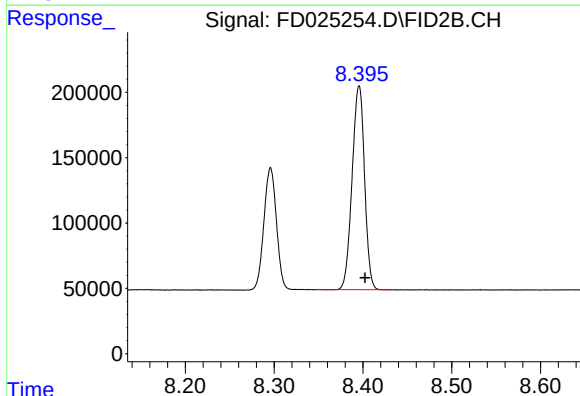
#5 Acenaphthylene (C15.06)

R.T.: 8.100 min
Delta R.T.: -0.006 min
Response: 1463162
Conc: 17.23 ug/ml



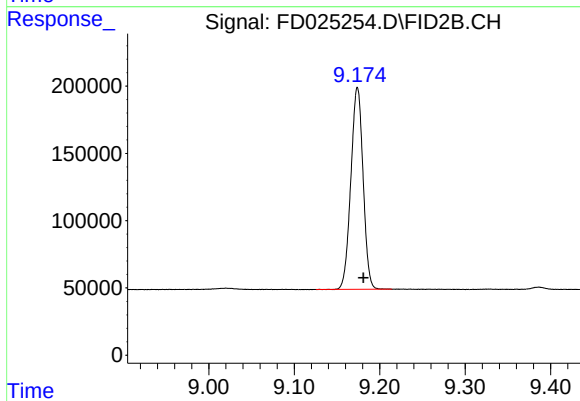
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.296 min
Delta R.T.: -0.007 min
Response: 917085
Conc: 17.06 ug/ml



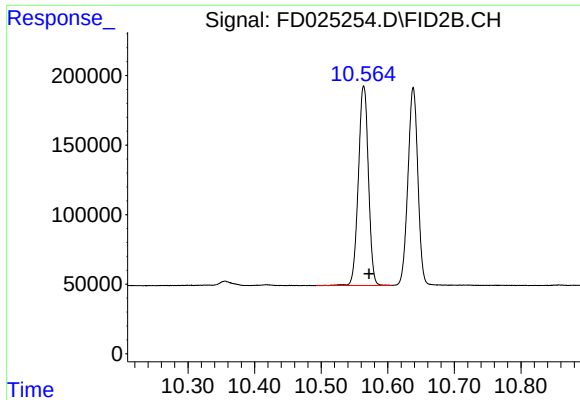
#7 Acenaphthene (C15.5)

R.T.: 8.396 min
Delta R.T.: -0.007 min
Response: 1520314
Conc: 17.07 ug/ml



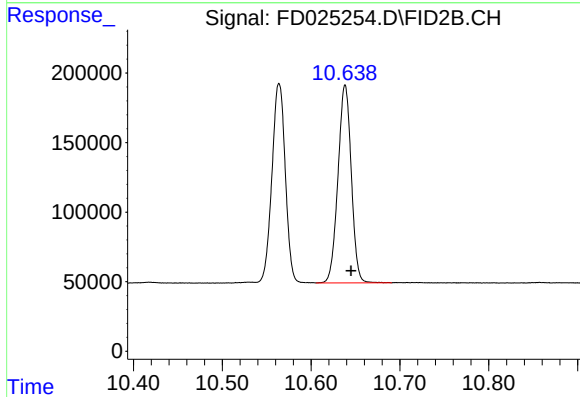
#8 Fluorene (C16.55)

R.T.: 9.174 min
Delta R.T.: -0.007 min
Response: 1493275
Conc: 16.77 ug/ml



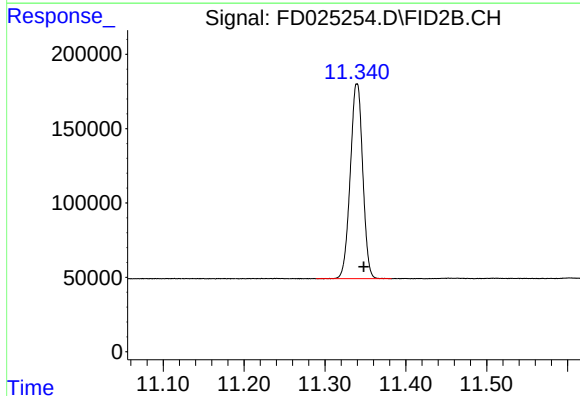
#9 Phenanthrene (C19.36)

R.T.: 10.564 min
Delta R.T.: -0.008 min
Response: 1503651
Conc: 16.79 ug/ml



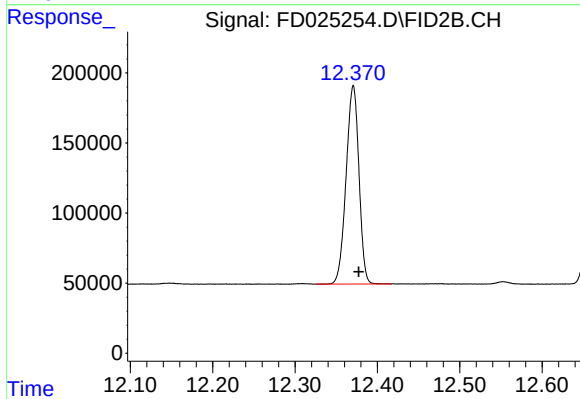
#10 Anthracene (C19.43)

R.T.: 10.638 min
Delta R.T.: -0.007 min
Response: 1478332
Conc: 16.79 ug/ml



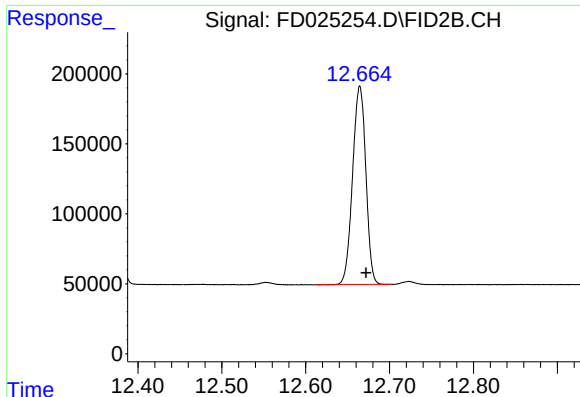
#11 ortho-Terphenyl (SURR)

R.T.: 11.340 min
Delta R.T.: -0.008 min
Response: 1402155
Conc: 16.52 ug/ml



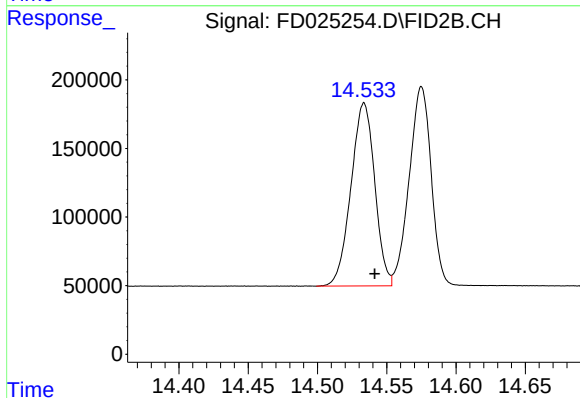
#12 Fluoranthene (C21.85)

R.T.: 12.371 min
Delta R.T.: -0.007 min
Response: 1532666
Conc: 17.44 ug/ml



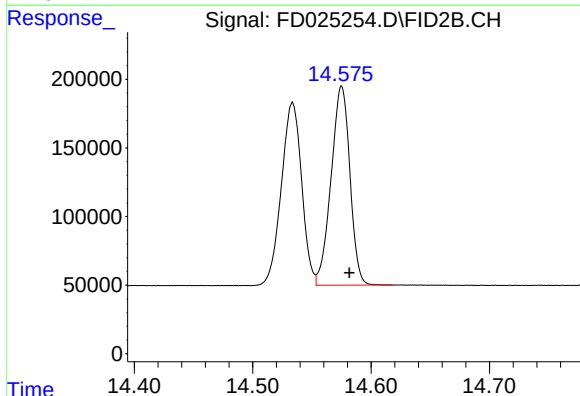
#13 Pyrene (C20.8)

R.T.: 12.665 min
Delta R.T.: -0.008 min
Response: 1554842
Conc: 17.69 ug/ml



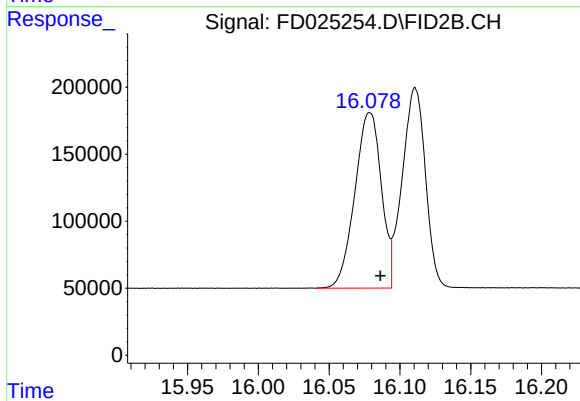
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.534 min
Delta R.T.: -0.008 min
Response: 1591241
Conc: 19.08 ug/ml



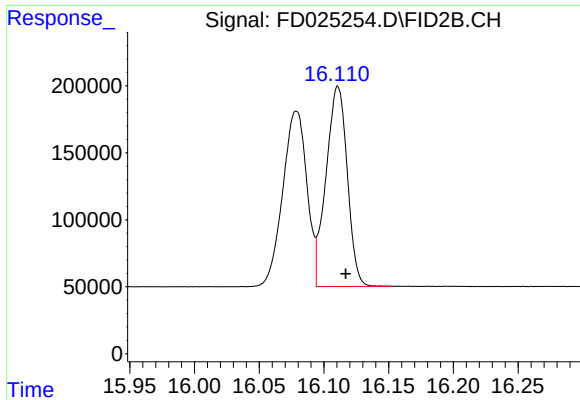
#15 Chrysene (C27.41)

R.T.: 14.575 min
Delta R.T.: -0.007 min
Response: 1605158
Conc: 19.05 ug/ml



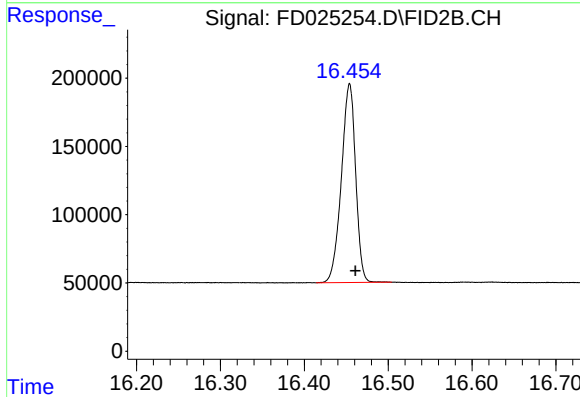
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.079 min
Delta R.T.: -0.007 min
Response: 1705478
Conc: 18.96 ug/ml



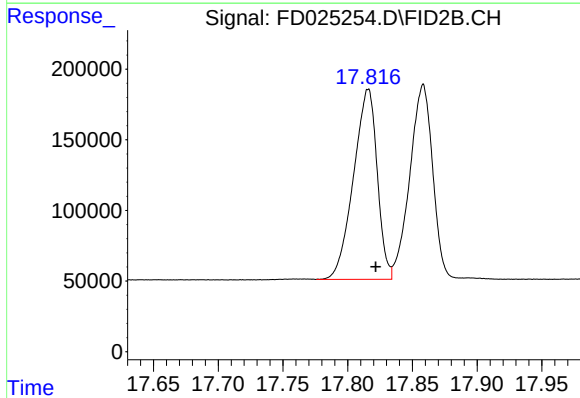
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.111 min
Delta R.T.: -0.006 min
Response: 1707109
Conc: 18.96 ug/ml



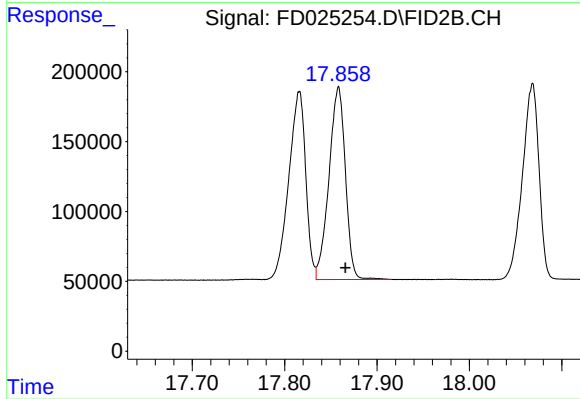
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.454 min
Delta R.T.: -0.007 min
Response: 1723096
Conc: 18.72 ug/ml



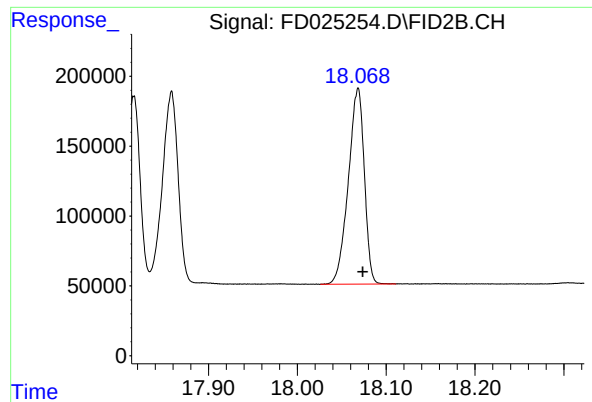
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.816 min
Delta R.T.: -0.006 min
Response: 1715370
Conc: 18.18 ug/ml



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

R.T.: 17.858 min
Delta R.T.: -0.008 min
Response: 1704831
Conc: 18.63 ug/ml



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

R.T.: 18.068 min
Delta R.T.: -0.005 min
Response: 1755137
Conc: 18.12 ug/ml