

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070618AR\
 Data File : FD024877.D
 Signal(s) : FID2B.CH
 Acq On : 06 Jul 2018 14:59
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 07 02:34:13 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062118.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 22 09:02:19 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...	7.474	2045874	22.365 ug/ml
Spiked Amount 50.000		Recovery =	44.73%
6) S 2-Fluorobiphenyl (SURR)	8.328	1375075	21.681 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.36%
11) S ortho-Terphenyl (SURR)	11.376	2033158	20.259 ug/ml
Spiked Amount 50.000		Recovery =	40.52%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.269	2096225	22.555 ug/ml
2) T Naphthalene (C11.7)	5.807	2305942	22.725 ug/ml
3) T 2-Methylnaphthalene (...)	6.859	2298082	22.603 ug/ml
5) T Acenaphthylene (C15.06)	8.132	2177711	21.810 ug/ml
7) T Acenaphthene (C15.5)	8.428	2269631	21.727 ug/ml
8) T Flouorene (C16.55)	9.208	2201483	21.070 ug/ml
9) T Phenanthrene (C19.36)	10.600	2055123	19.988 ug/ml
10) T Anthracene (C19.43)	10.674	1982377	19.444 ug/ml
12) T Fluoranthene (C21.85)	12.408	1909005	19.145 ug/ml
13) T Pyrene (C20.8)	12.703	1891454	19.021 ug/ml
14) T Benzo[a]anthracene (C...	14.574	1870217	19.921 ug/ml
15) T Chrysene (C27.41)	14.617	1889996	19.978 ug/ml
16) T benzo[b]fluoranthene ...	16.123	2040411	19.731 ug/ml
17) T Bnezo[k]fluoranthene ...	16.156	2058534	19.508 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.499	2054053	19.766 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.864	2002836	18.790 ug/ml
20) T Dibenz[a,h]anthracene...	17.905	2058360	19.680 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.117	2056738	19.364 ug/ml

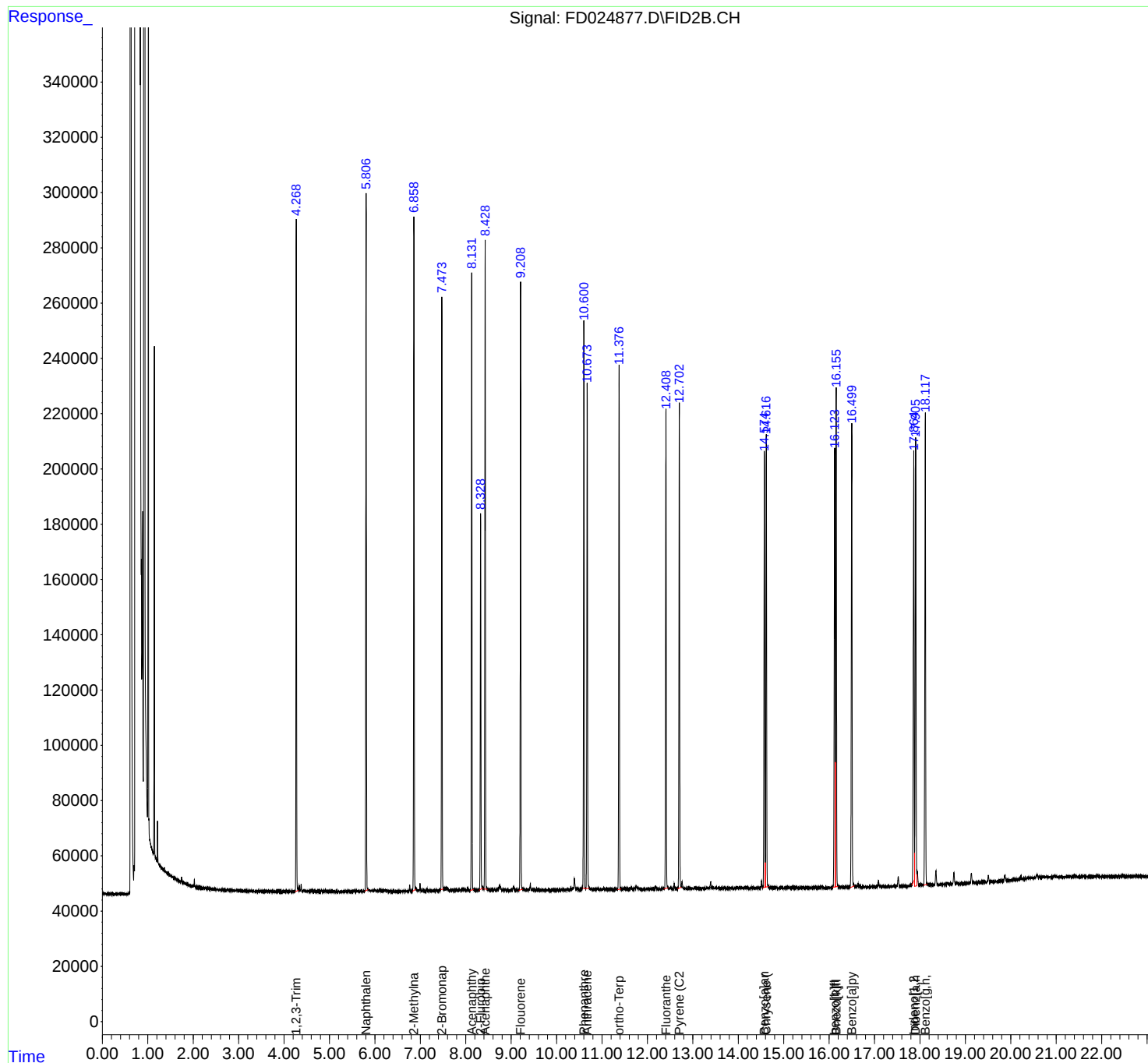
(f)=RT Delta > 1/2 Window

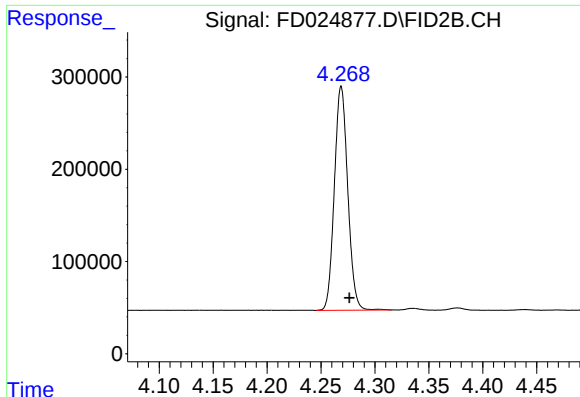
(m)=manual int.

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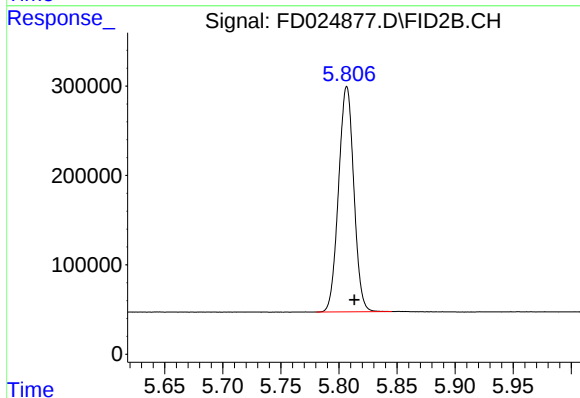
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





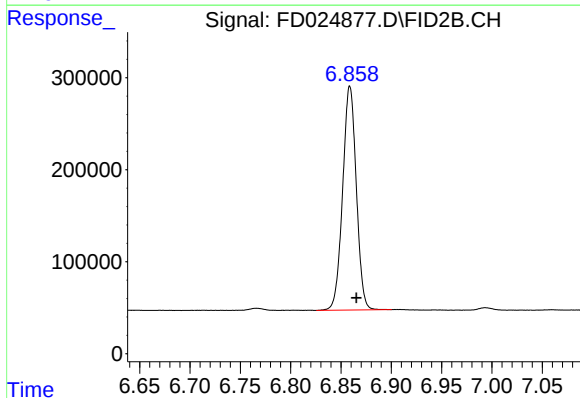
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.269 min
Delta R.T.: -0.007 min
Response: 2096225
Conc: 22.56 ug/ml



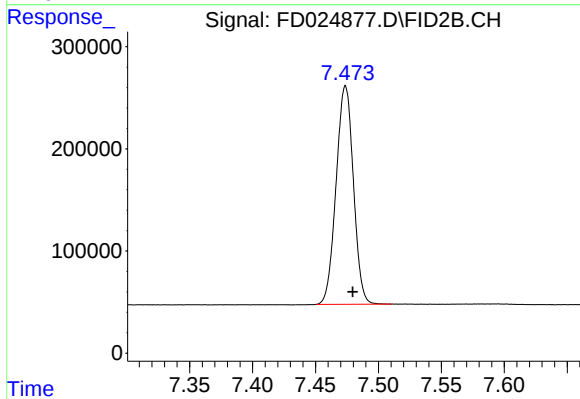
#2 Naphthalene (C11.7)

R.T.: 5.807 min
Delta R.T.: -0.007 min
Response: 2305942
Conc: 22.72 ug/ml



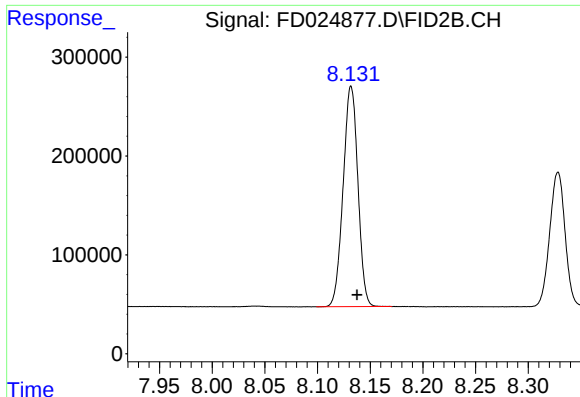
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.859 min
Delta R.T.: -0.006 min
Response: 2298082
Conc: 22.60 ug/ml



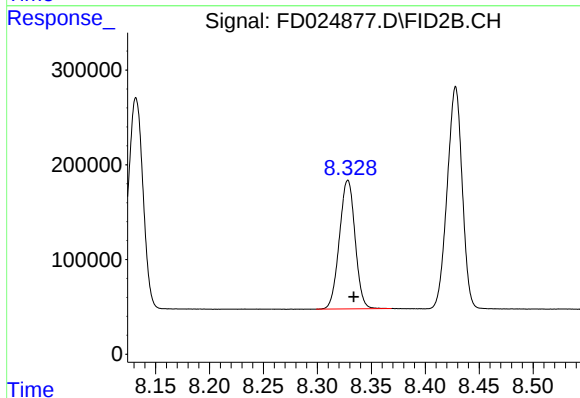
#4 2-Bromonaphthalene (SURR)

R.T.: 7.474 min
Delta R.T.: -0.006 min
Response: 2045874
Conc: 22.36 ug/ml



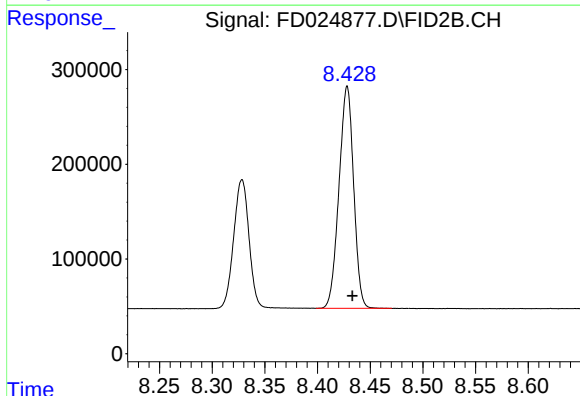
#5 Acenaphthylene (C15.06)

R.T.: 8.132 min
Delta R.T.: -0.006 min
Response: 2177711
Conc: 21.81 ug/ml



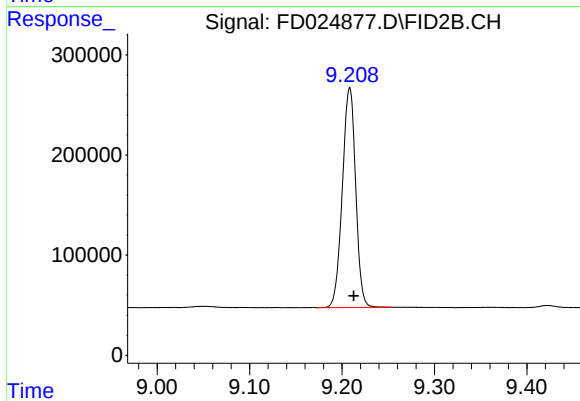
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.328 min
Delta R.T.: -0.005 min
Response: 1375075
Conc: 21.68 ug/ml



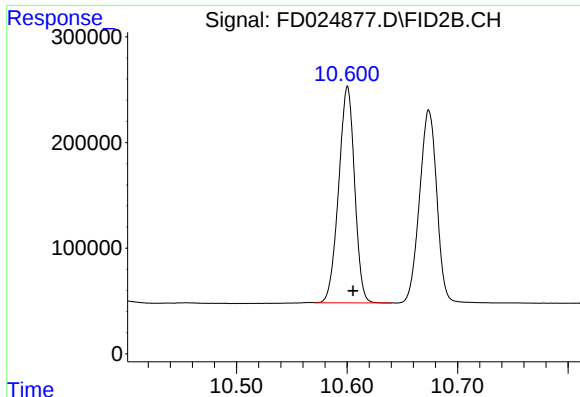
#7 Acenaphthene (C15.5)

R.T.: 8.428 min
Delta R.T.: -0.005 min
Response: 2269631
Conc: 21.73 ug/ml



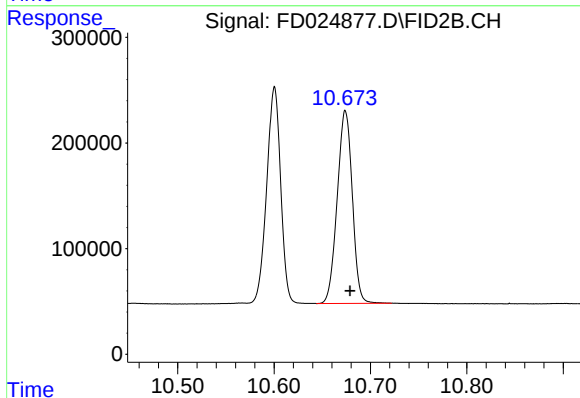
#8 Fluorene (C16.55)

R.T.: 9.208 min
Delta R.T.: -0.004 min
Response: 2201483
Conc: 21.07 ug/ml



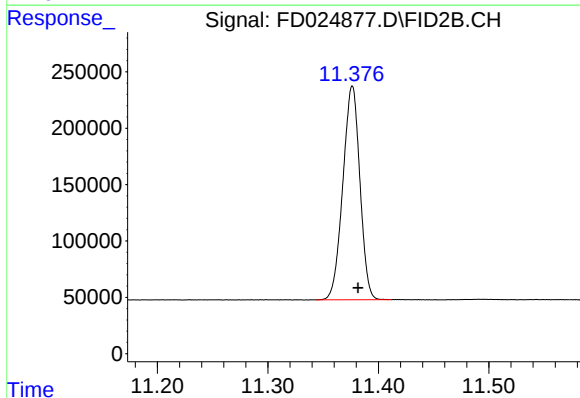
#9 Phenanthrene (C19.36)

R.T.: 10.600 min
Delta R.T.: -0.005 min
Response: 2055123
Conc: 19.99 ug/ml



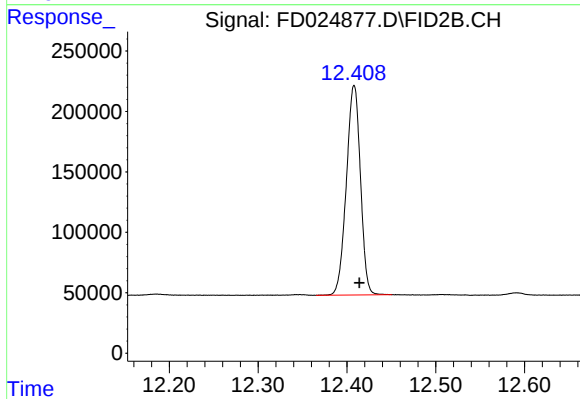
#10 Anthracene (C19.43)

R.T.: 10.674 min
Delta R.T.: -0.005 min
Response: 1982377
Conc: 19.44 ug/ml



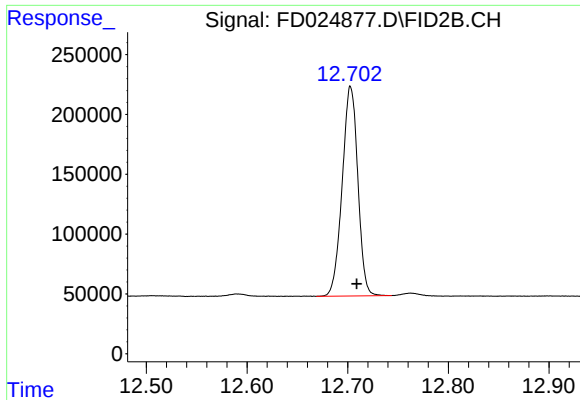
#11 ortho-Terphenyl (SURR)

R.T.: 11.376 min
Delta R.T.: -0.005 min
Response: 2033158
Conc: 20.26 ug/ml



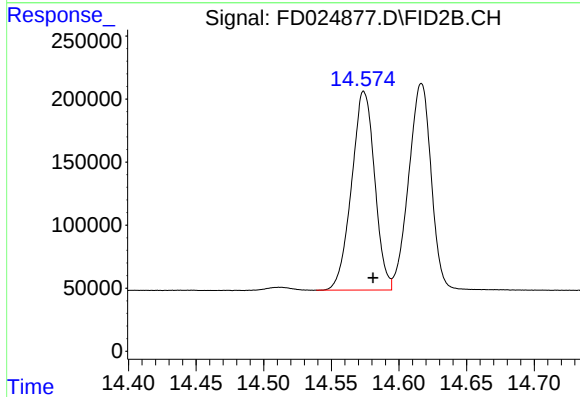
#12 Fluoranthene (C21.85)

R.T.: 12.408 min
Delta R.T.: -0.006 min
Response: 1909005
Conc: 19.15 ug/ml



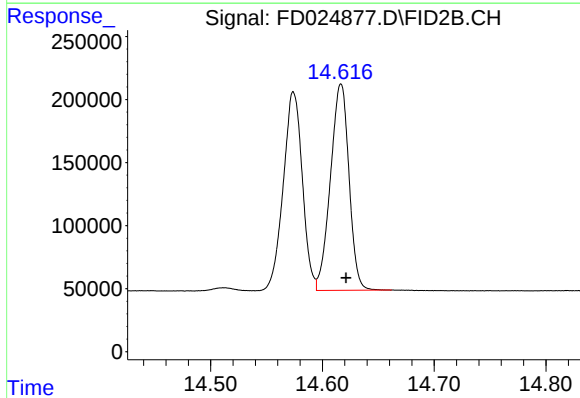
#13 Pyrene (C20.8)

R.T.: 12.703 min
Delta R.T.: -0.006 min
Response: 1891454
Conc: 19.02 ug/ml



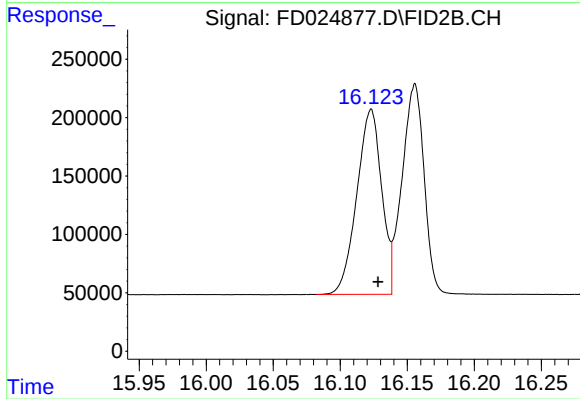
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.574 min
Delta R.T.: -0.007 min
Response: 1870217
Conc: 19.92 ug/ml



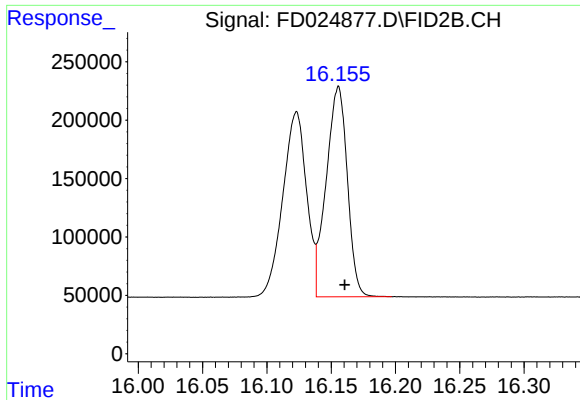
#15 Chrysene (C27.41)

R.T.: 14.617 min
Delta R.T.: -0.005 min
Response: 1889996
Conc: 19.98 ug/ml



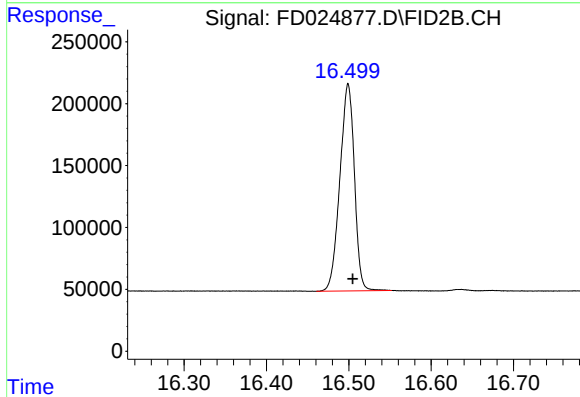
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.123 min
Delta R.T.: -0.005 min
Response: 2040411
Conc: 19.73 ug/ml



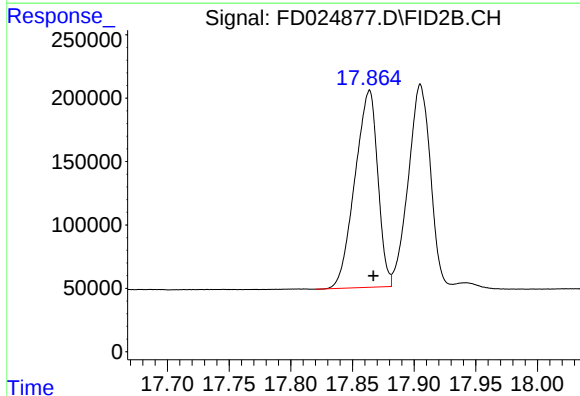
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.156 min
Delta R.T.: -0.005 min
Response: 2058534
Conc: 19.51 ug/ml



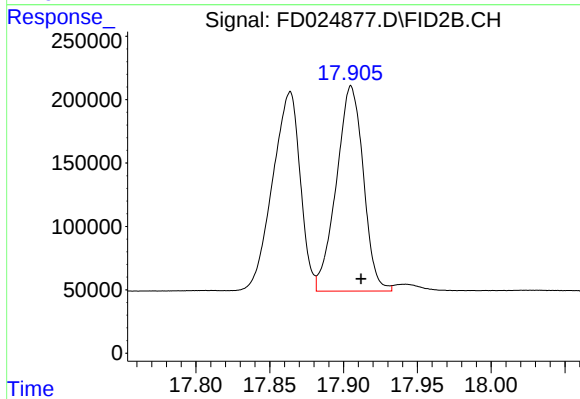
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.499 min
Delta R.T.: -0.005 min
Response: 2054053
Conc: 19.77 ug/ml



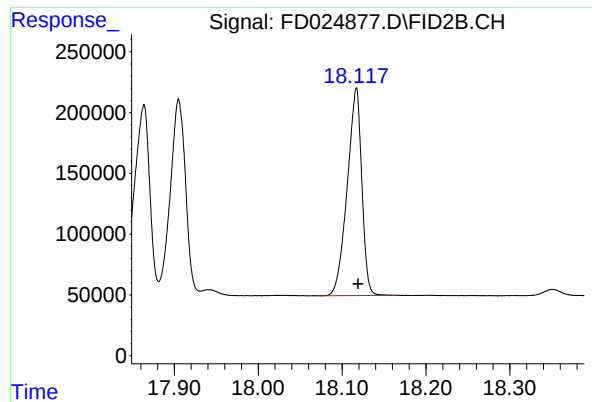
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.864 min
Delta R.T.: -0.003 min
Response: 2002836
Conc: 18.79 ug/ml



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

R.T.: 17.905 min
Delta R.T.: -0.007 min
Response: 2058360
Conc: 19.68 ug/ml m



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

R.T.: 18.117 min
Delta R.T.: -0.002 min
Response: 2056738
Conc: 19.36 ug/ml