

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072920AR\
 Data File : FD034220.D
 Signal(s) : FID2B.CH
 Acq On : 29 Jul 2020 14:02
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 30 01:35:41 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 070820.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 08 06:32:19 2020
 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...	7.711	2199857	18.315 ug/ml
Spiked Amount 50.000		Recovery =	36.63%
6) S 2-Fluorobiphenyl (SURR)	8.579	1482703	17.493 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	34.99%
11) S ortho-Terphenyl (SURR)	11.619	2299261	16.994 ug/ml
Spiked Amount 50.000		Recovery =	33.99%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.502	2562848	19.404 ug/ml
2) T Naphthalene (C11.7)	6.048	2589682	18.697 ug/ml
3) T 2-Methylnaphthalene (...)	7.103	2550261	18.312 ug/ml
5) T Acenaphthylene (C15.06)	8.382	2359138	17.548 ug/ml
7) T Acenaphthene (C15.5)	8.677	2413864	17.636 ug/ml
8) T Flouorene (C16.55)	9.460	2320949	17.262 ug/ml
9) T Phenanthrene (C19.36)	10.859	2251701	16.849 ug/ml
10) T Anthracene (C19.43)	10.934	2027521	15.280 ug/ml
12) T Fluoranthene (C21.85)	12.673	2192218	16.500 ug/ml
13) T Pyrene (C20.8)	12.972	2140588	16.512 ug/ml
14) T Benzo[a]anthracene (C...	14.843	2107860	16.932 ug/ml
15) T Chrysene (C27.41)	14.886	2130132	17.153 ug/ml
16) T benzo[b]fluoranthene ...	16.395	2155521	18.118 ug/ml
17) T Bnezo[k]fluoranthene ...	16.426	2082921	17.976 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.773	2131814	18.319 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.138	2136160	19.186 ug/ml
20) T Dibenz[a,h]anthracene...	18.177	2097073	18.980 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.395	2133742	19.322 ug/ml

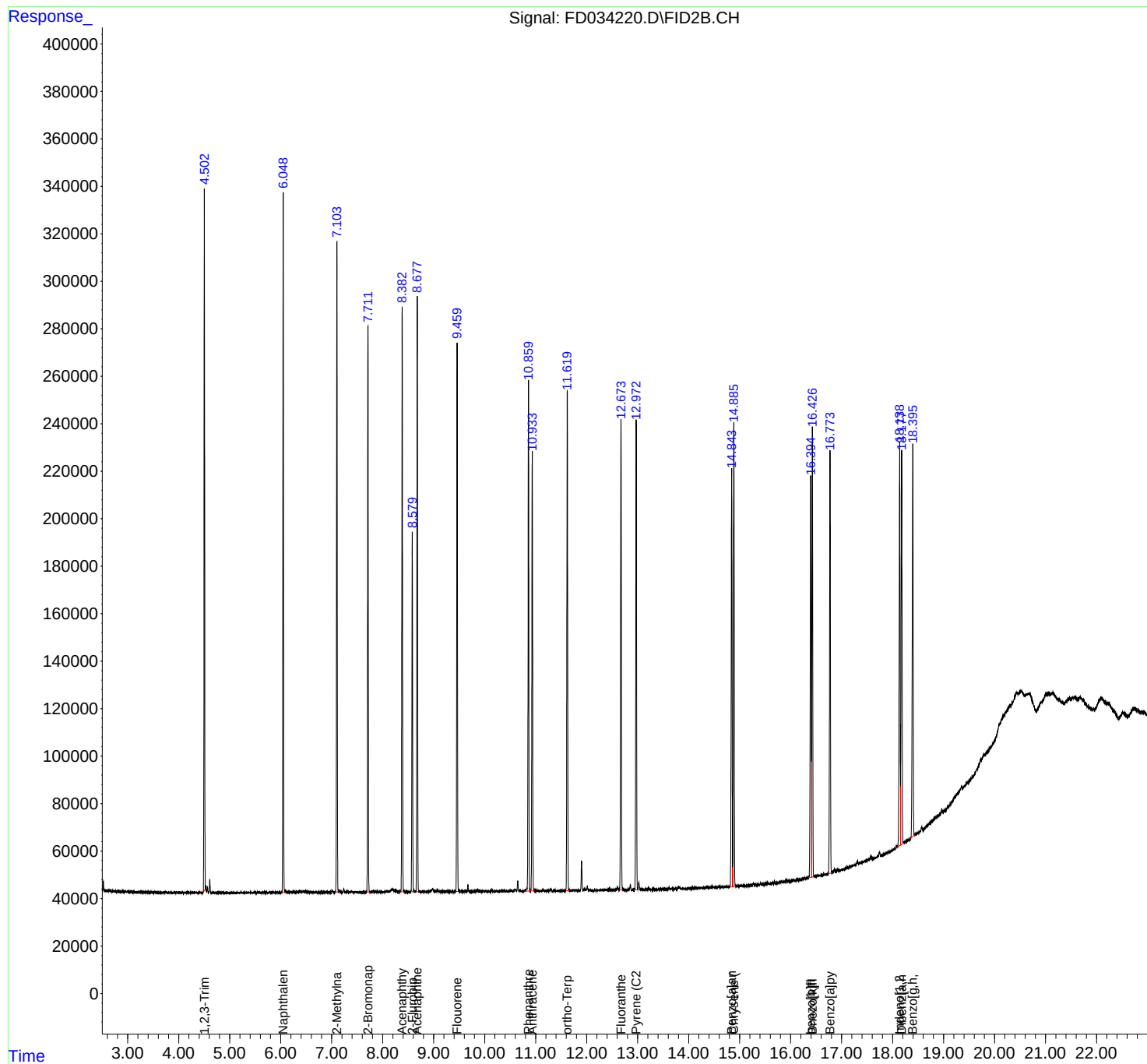
(f)=RT Delta > 1/2 Window

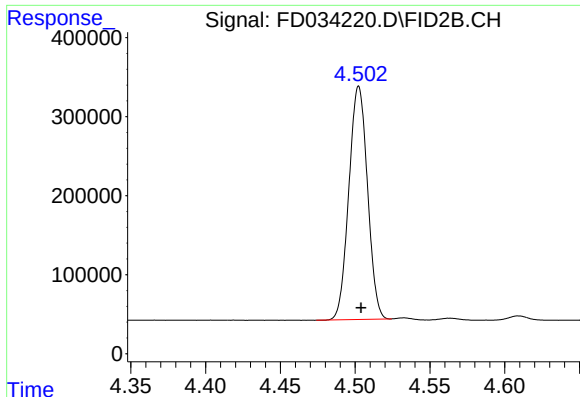
(m)=manual int.

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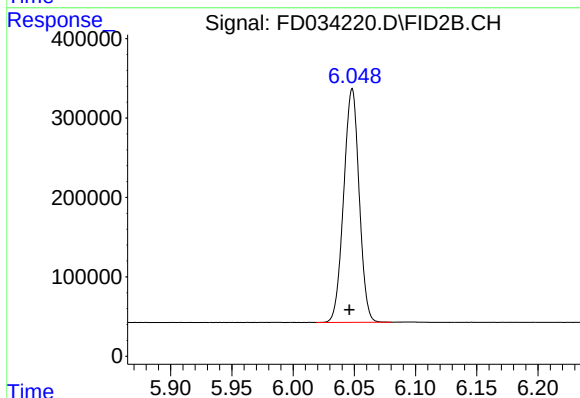
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





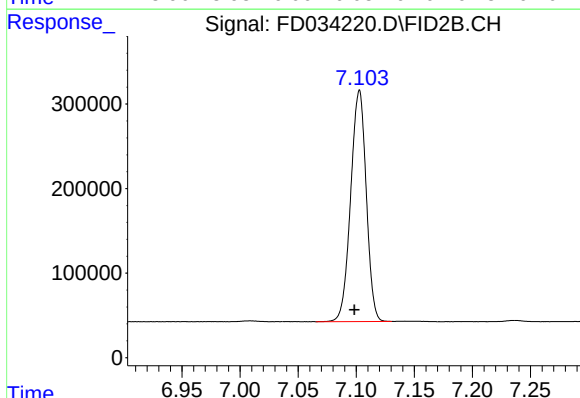
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.502 min
Delta R.T.: -0.002 min
Response: 2562848
Conc: 19.40 ug/ml



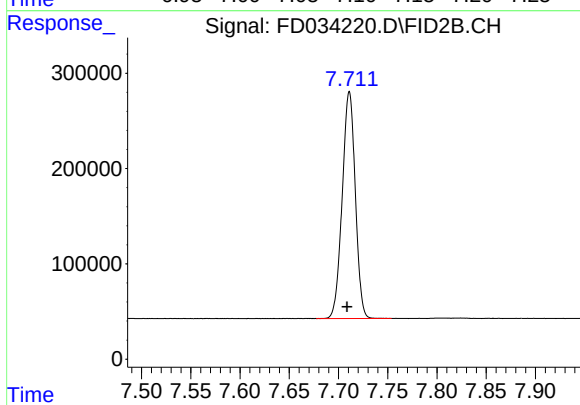
#2 Naphthalene (C11.7)

R.T.: 6.048 min
Delta R.T.: 0.002 min
Response: 2589682
Conc: 18.70 ug/ml



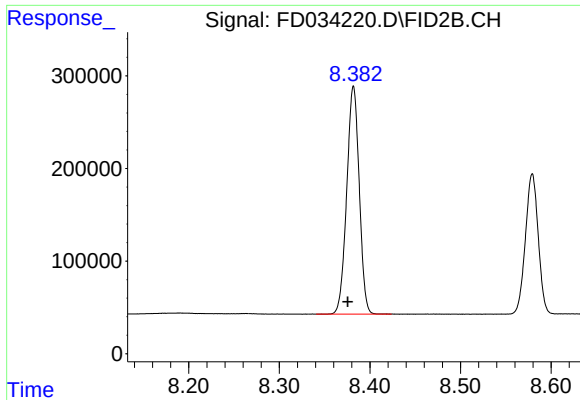
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.103 min
Delta R.T.: 0.004 min
Response: 2550261
Conc: 18.31 ug/ml



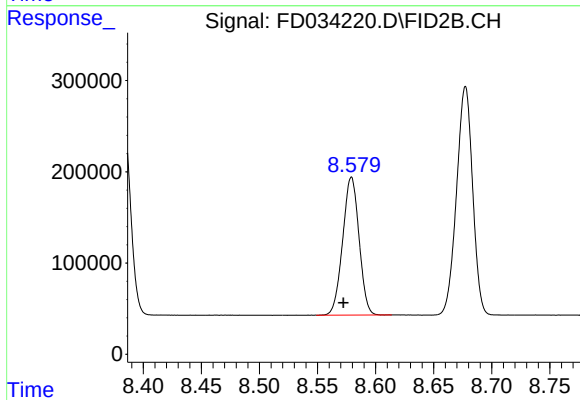
#4 2-Bromonaphthalene (SURR)

R.T.: 7.711 min
Delta R.T.: 0.002 min
Response: 2199857
Conc: 18.32 ug/ml



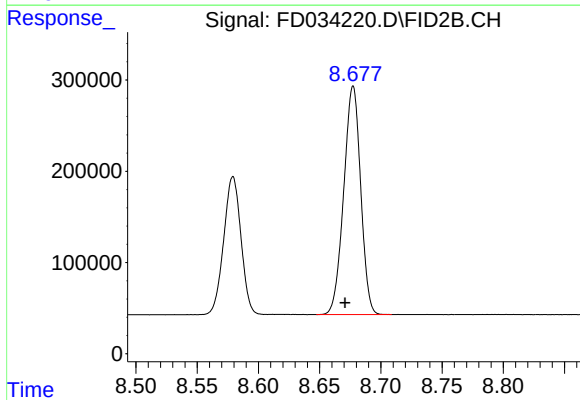
#5 Acenaphthylene (C15.06)

R.T.: 8.382 min
Delta R.T.: 0.006 min
Response: 2359138
Conc: 17.55 ug/ml



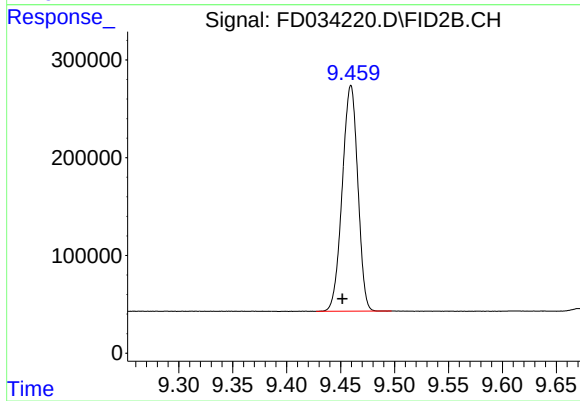
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.579 min
Delta R.T.: 0.007 min
Response: 1482703
Conc: 17.49 ug/ml



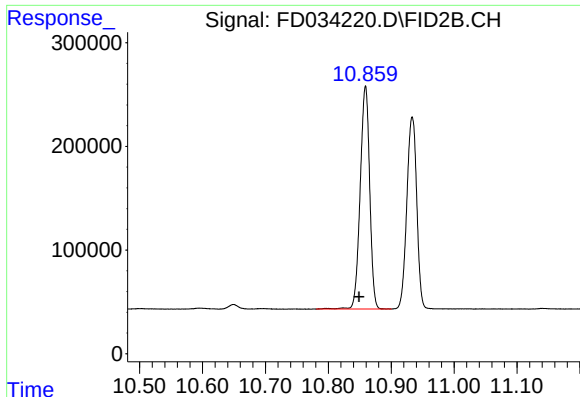
#7 Acenaphthene (C15.5)

R.T.: 8.677 min
Delta R.T.: 0.007 min
Response: 2413864
Conc: 17.64 ug/ml



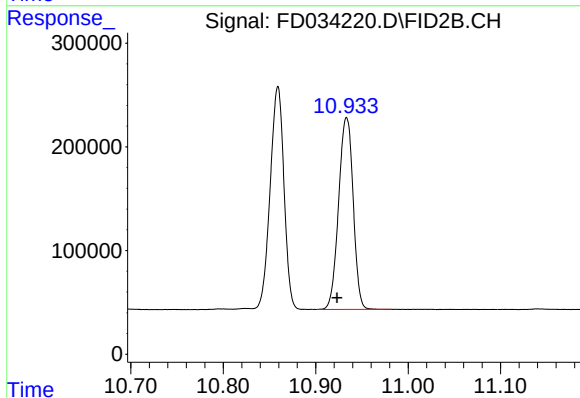
#8 Fluorene (C16.55)

R.T.: 9.460 min
Delta R.T.: 0.008 min
Response: 2320949
Conc: 17.26 ug/ml



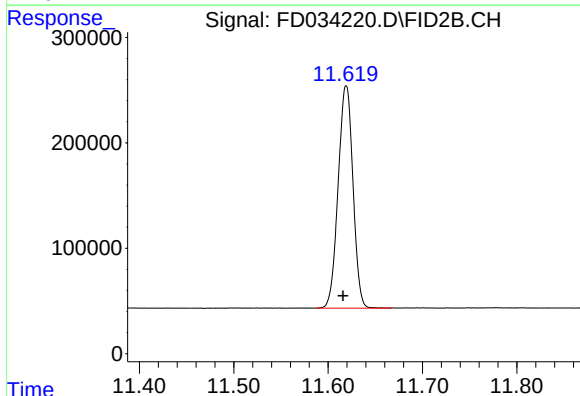
#9 Phenanthrene (C19.36)

R.T.: 10.859 min
Delta R.T.: 0.010 min
Response: 2251701
Conc: 16.85 ug/ml



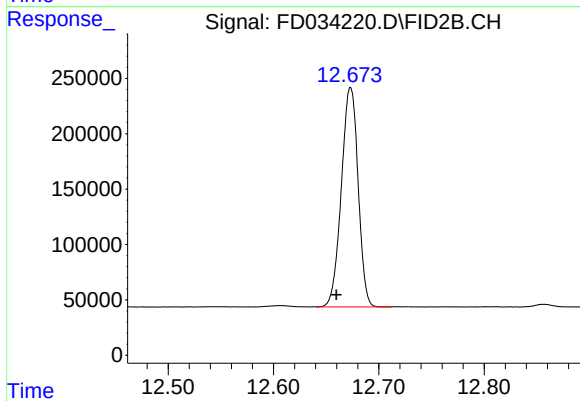
#10 Anthracene (C19.43)

R.T.: 10.934 min
Delta R.T.: 0.011 min
Response: 2027521
Conc: 15.28 ug/ml



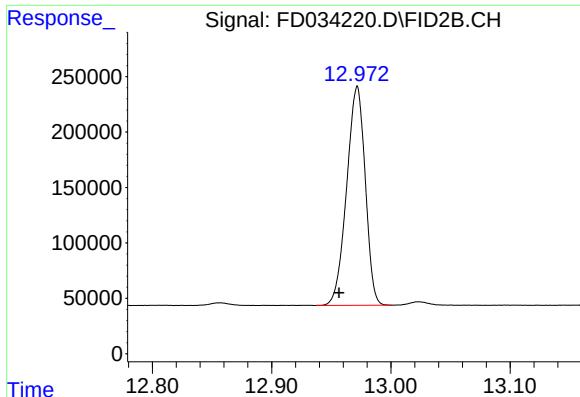
#11 ortho-Terphenyl (SURR)

R.T.: 11.619 min
Delta R.T.: 0.003 min
Response: 2299261
Conc: 16.99 ug/ml



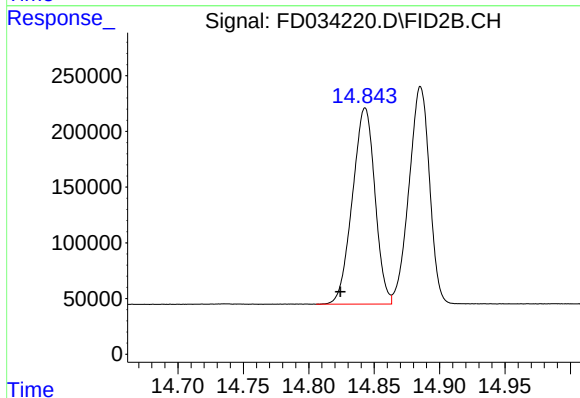
#12 Fluoranthene (C21.85)

R.T.: 12.673 min
Delta R.T.: 0.014 min
Response: 2192218
Conc: 16.50 ug/ml



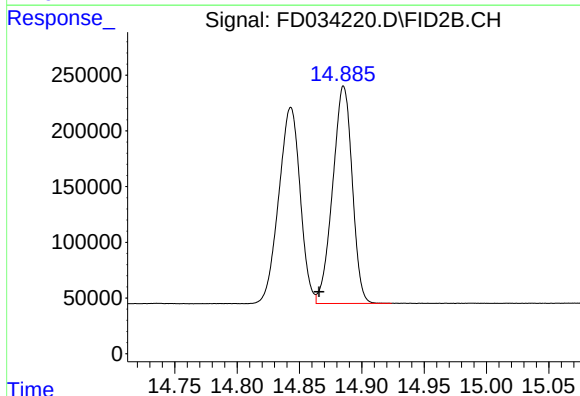
#13 Pyrene (C20.8)

R.T.: 12.972 min
Delta R.T.: 0.015 min
Response: 2140588
Conc: 16.51 ug/ml



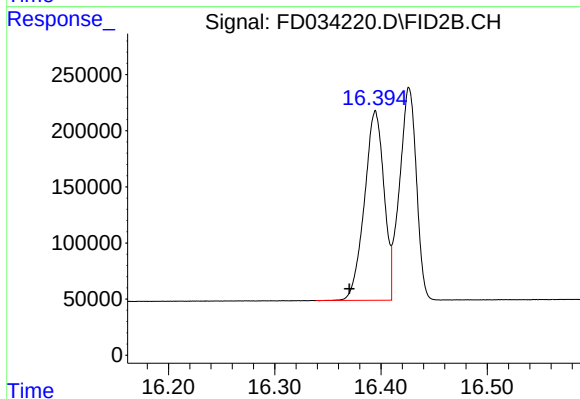
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.843 min
Delta R.T.: 0.019 min
Response: 2107860
Conc: 16.93 ug/ml



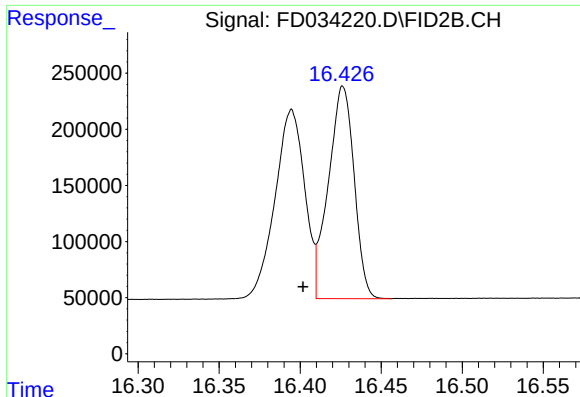
#15 Chrysene (C27.41)

R.T.: 14.886 min
Delta R.T.: 0.020 min
Response: 2130132
Conc: 17.15 ug/ml



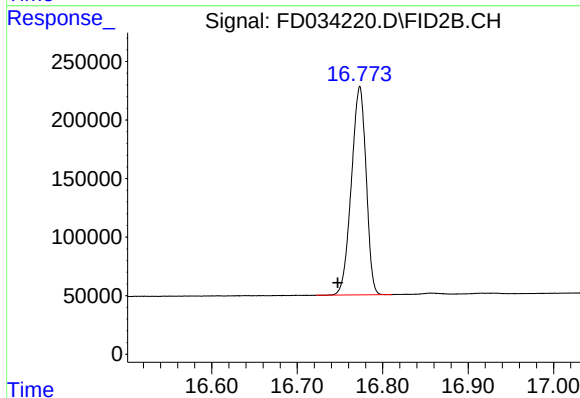
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.395 min
Delta R.T.: 0.024 min
Response: 2155521
Conc: 18.12 ug/ml



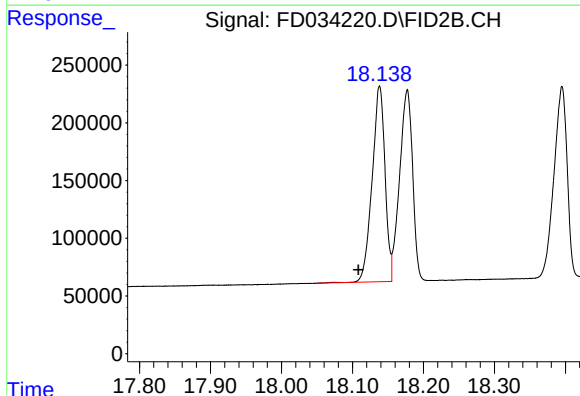
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.426 min
Delta R.T.: 0.024 min
Response: 2082921
Conc: 17.98 ug/ml m



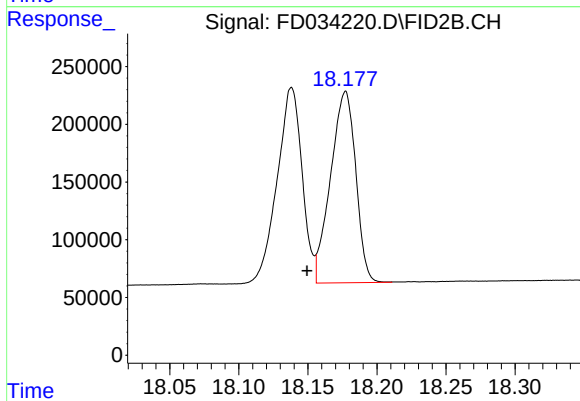
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.773 min
Delta R.T.: 0.026 min
Response: 2131814
Conc: 18.32 ug/ml



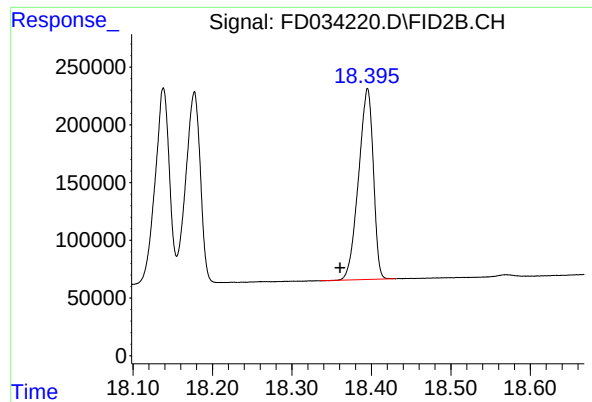
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.138 min
Delta R.T.: 0.030 min
Response: 2136160
Conc: 19.19 ug/ml



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

R.T.: 18.177 min
Delta R.T.: 0.028 min
Response: 2097073
Conc: 18.98 ug/ml m



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

R.T.: 18.395 min
Delta R.T.: 0.035 min
Response: 2133742
Conc: 19.32 ug/ml