

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070618AR\
 Data File : FD024896.D
 Signal(s) : FID2B.CH
 Acq On : 07 Jul 2018 6:07
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 07 08:22:21 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... Spiked Amount 50.000	7.474	1935922	21.163 ug/ml Recovery = 42.33%
6) S 2-Fluorobiphenyl (SURR) Spiked Amount 50.000 Range 0 - 131	8.329	1254164	19.775 ug/ml Recovery = 39.55%
11) S ortho-Terphenyl (SURR) Spiked Amount 50.000	11.378	1811093	18.047 ug/ml Recovery = 36.09%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.265	2023638	21.774 ug/ml
2) T Naphthalene (C11.7)	5.806	2232589	22.002 ug/ml
3) T 2-Methylnaphthalene (...)	6.859	2182045	21.461 ug/ml
5) T Acenaphthylene (C15.06)	8.132	2006878	20.099 ug/ml
7) T Acenaphthene (C15.5)	8.429	2081546	19.927 ug/ml
8) T Fluorene (C16.55)	9.209	1980789	18.958 ug/ml
9) T Phenanthrene (C19.36)	10.602	1828663	17.786 ug/ml
10) T Anthracene (C19.43)	10.676	1772969	17.390 ug/ml
12) T Fluoranthene (C21.85)	12.412	1845943	18.513 ug/ml
13) T Pyrene (C20.8)	12.707	1862871	18.734 ug/ml
14) T Benzo[a]anthracene (C...)	14.580	1901776	20.257 ug/ml
15) T Chrysene (C27.41)	14.622	1913494	20.227 ug/ml
16) T benzo[b]fluoranthene ...	16.129	2003970	19.379 ug/ml
17) T Bnezo[k]fluoranthene ...	16.161	2006483	19.014 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.505	1994835	19.196 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.868	1978481	18.562 ug/mlm
20) T Dibenz[a,h]anthracene...	17.911	1984123	18.971 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.122	1976602	18.609 ug/ml

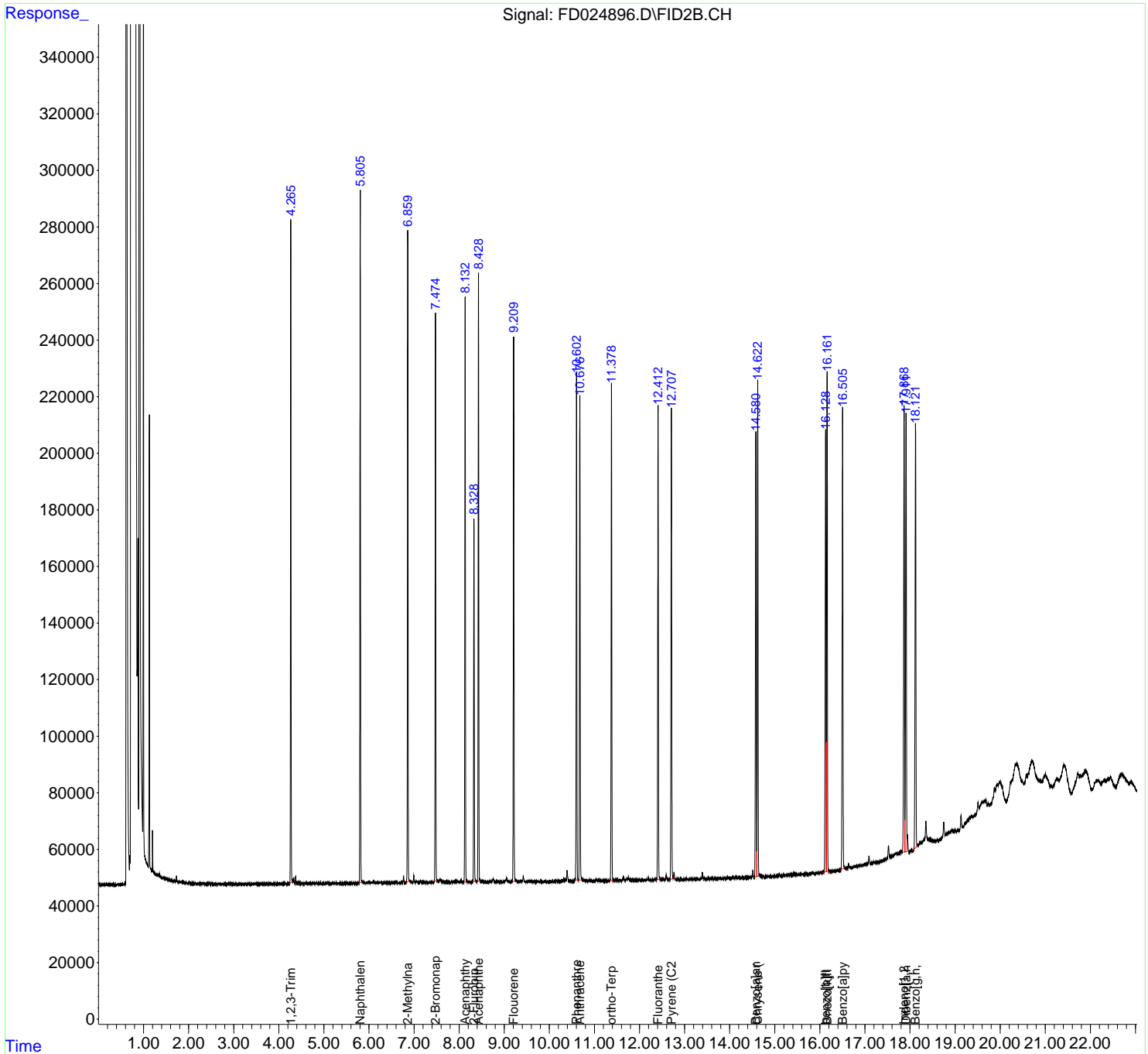
(f)=RT Delta > 1/2 Window

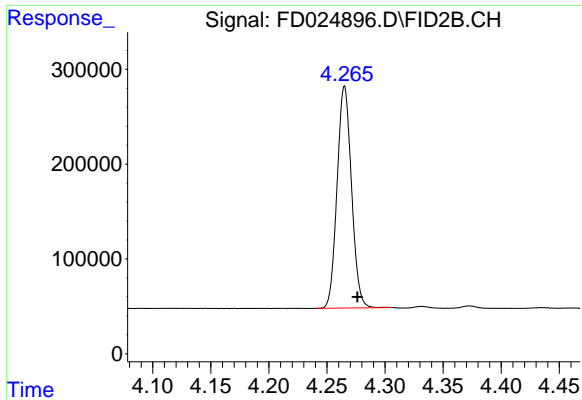
(m)=manual int.

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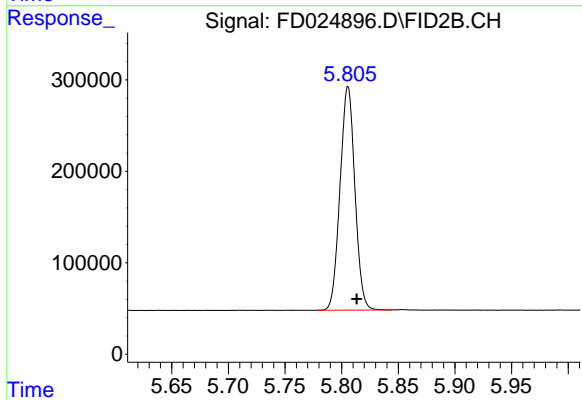
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm





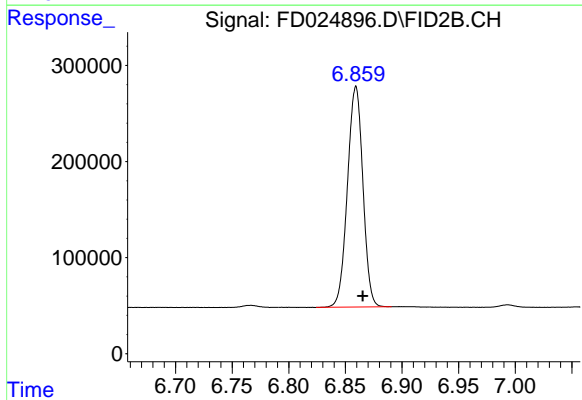
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.265 min
Delta R.T.: -0.011 min
Response: 2023638
Conc: 21.77 ug/ml



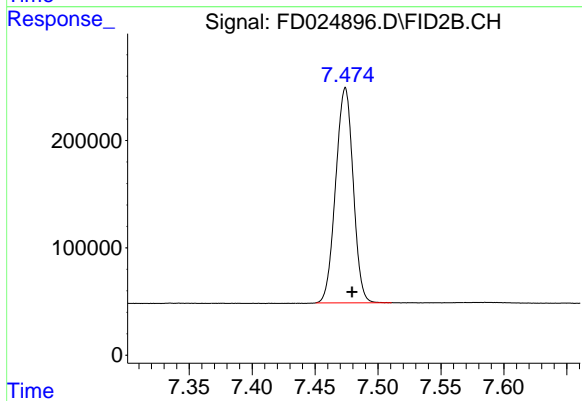
#2 Naphthalene (C11.7)

R.T.: 5.806 min
Delta R.T.: -0.008 min
Response: 2232589
Conc: 22.00 ug/ml



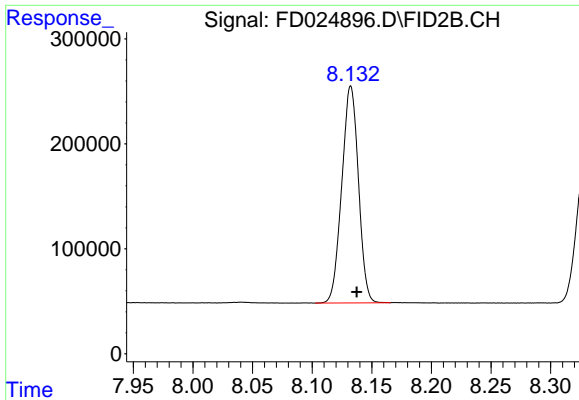
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.859 min
Delta R.T.: -0.006 min
Response: 2182045
Conc: 21.46 ug/ml



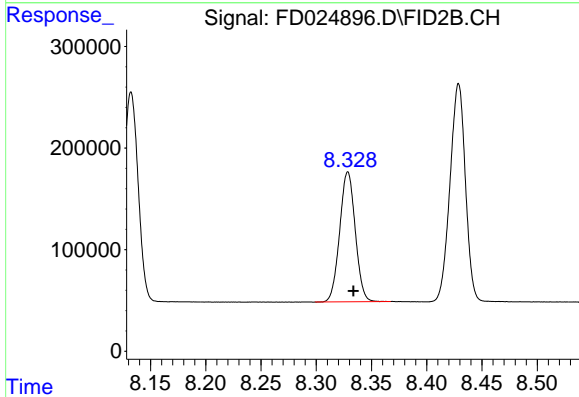
#4 2-Bromonaphthalene (SURR)

R.T.: 7.474 min
Delta R.T.: -0.005 min
Response: 1935922
Conc: 21.16 ug/ml



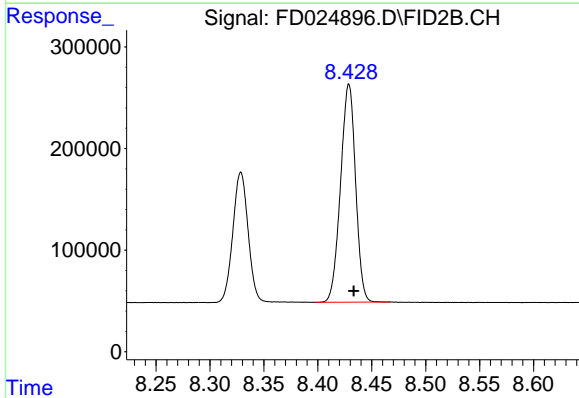
#5 Acenaphthylene (C15.06)

R.T.: 8.132 min
Delta R.T.: -0.005 min
Response: 2006878
Conc: 20.10 ug/ml



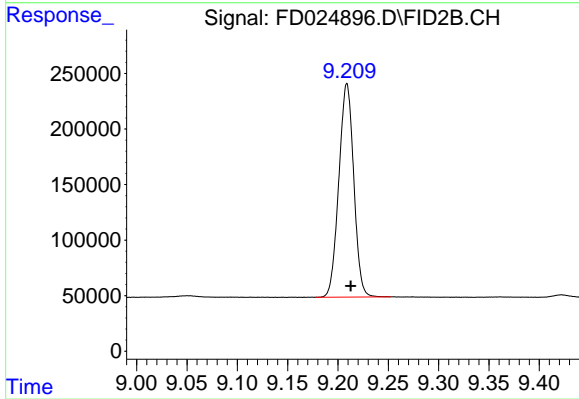
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.329 min
Delta R.T.: -0.005 min
Response: 1254164
Conc: 19.77 ug/ml



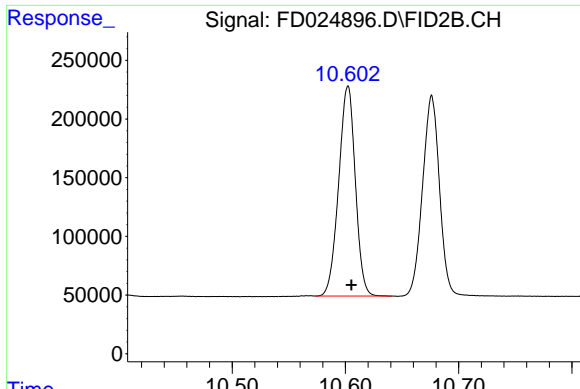
#7 Acenaphthene (C15.5)

R.T.: 8.429 min
Delta R.T.: -0.004 min
Response: 2081546
Conc: 19.93 ug/ml



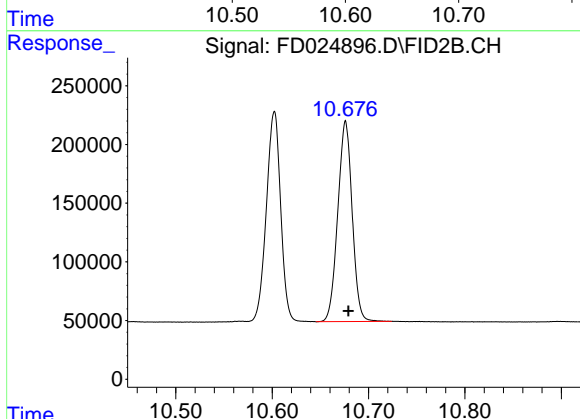
#8 Fluorene (C16.55)

R.T.: 9.209 min
Delta R.T.: -0.004 min
Response: 1980789
Conc: 18.96 ug/ml



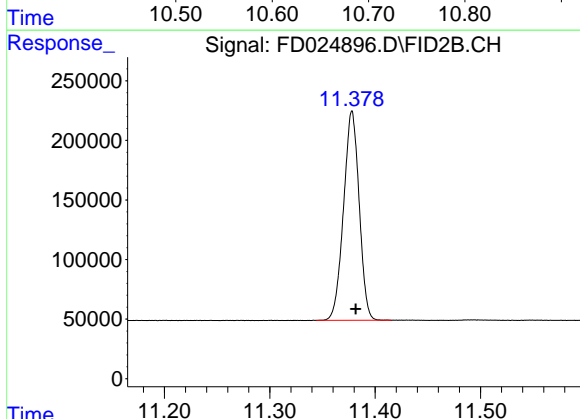
#9 Phenanthrene (C19.36)

R.T.: 10.602 min
Delta R.T.: -0.003 min
Response: 1828663
Conc: 17.79 ug/ml



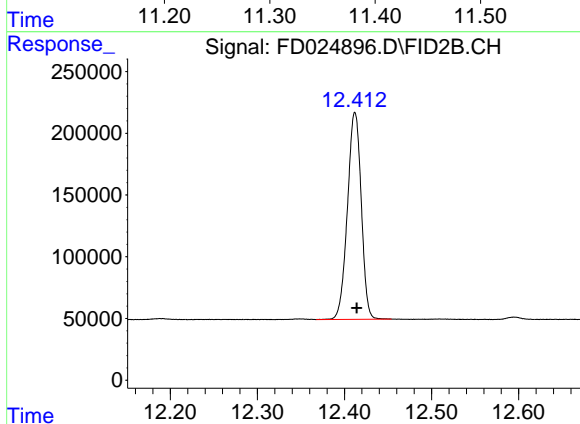
#10 Anthracene (C19.43)

R.T.: 10.676 min
Delta R.T.: -0.003 min
Response: 1772969
Conc: 17.39 ug/ml



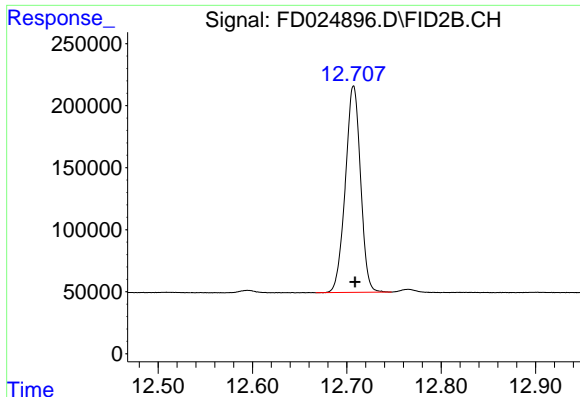
#11 ortho-Terphenyl (SURR)

R.T.: 11.378 min
Delta R.T.: -0.004 min
Response: 1811093
Conc: 18.05 ug/ml



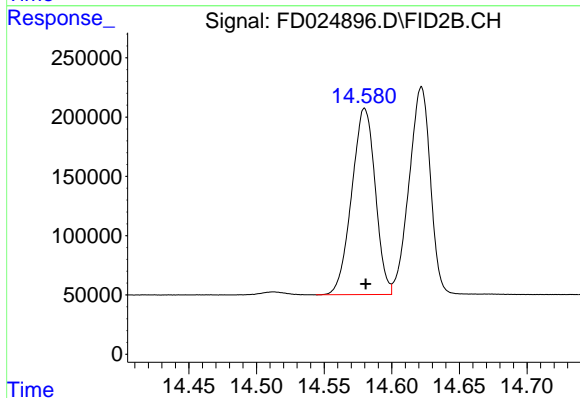
#12 Fluoranthene (C21.85)

R.T.: 12.412 min
Delta R.T.: -0.002 min
Response: 1845943
Conc: 18.51 ug/ml



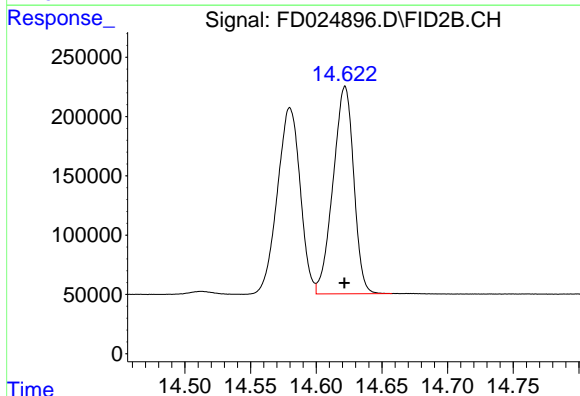
#13 Pyrene (C20.8)

R.T.: 12.707 min
Delta R.T.: -0.002 min
Response: 1862871
Conc: 18.73 ug/ml



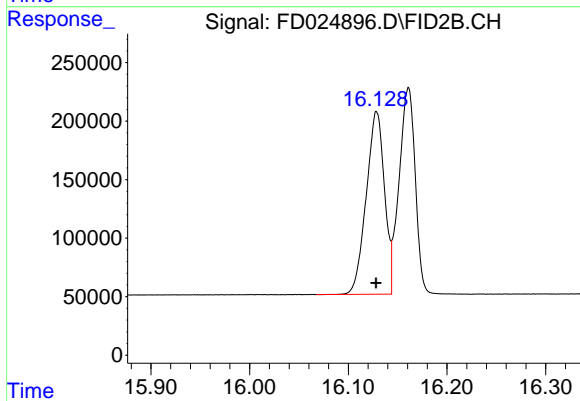
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.580 min
Delta R.T.: 0.000 min
Response: 1901776
Conc: 20.26 ug/ml



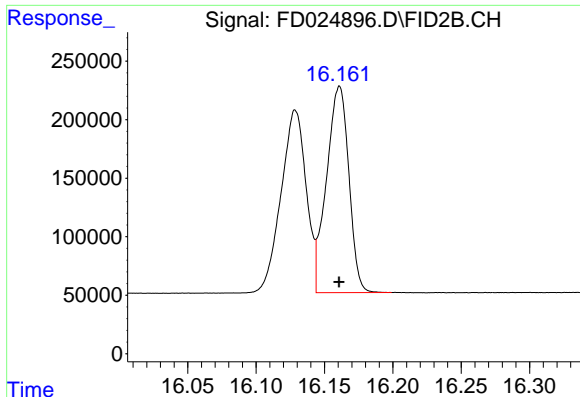
#15 Chrysene (C27.41)

R.T.: 14.622 min
Delta R.T.: 0.000 min
Response: 1913494
Conc: 20.23 ug/ml



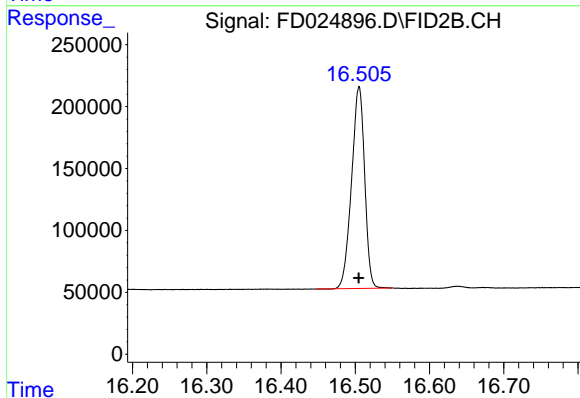
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.129 min
Delta R.T.: 0.000 min
Response: 2003970
Conc: 19.38 ug/ml



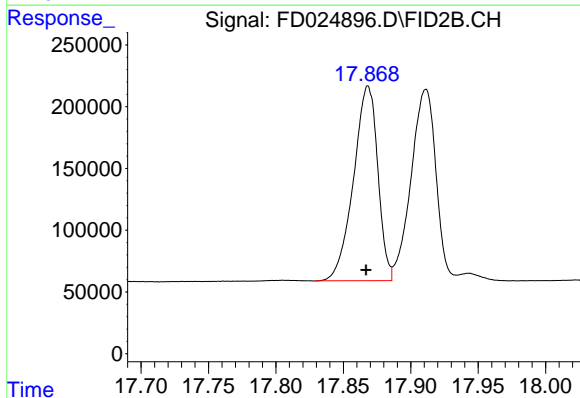
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.161 min
Delta R.T.: 0.000 min
Response: 2006483
Conc: 19.01 ug/ml



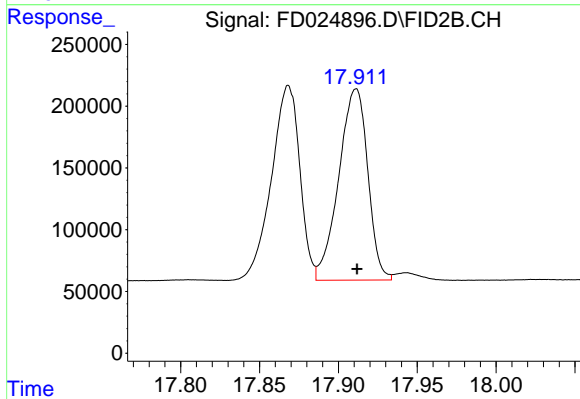
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.505 min
Delta R.T.: 0.000 min
Response: 1994835
Conc: 19.20 ug/ml



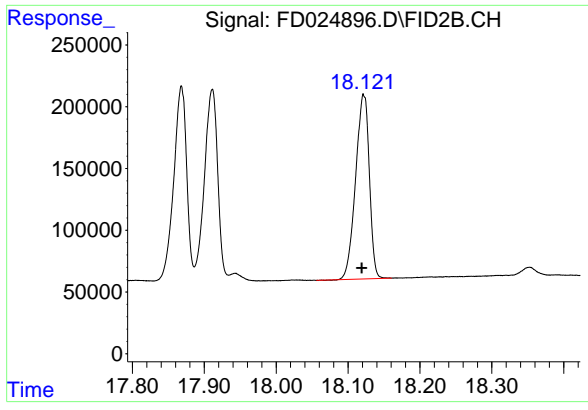
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.868 min
Delta R.T.: 0.000 min
Response: 1978481
Conc: 18.56 ug/ml m



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

R.T.: 17.911 min
Delta R.T.: 0.000 min
Response: 1984123
Conc: 18.97 ug/ml m



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

R.T.: 18.122 min
Delta R.T.: 0.003 min
Response: 1976602
Conc: 18.61 ug/ml