

Data Path : \\74.0.250.170\Terastorage\pestpcbsrv\HPCHEM1\FID_D\Data\FD110418AR\
 Data File : FD026298.D
 Signal(s) : FID2B.CH
 Acq On : 04 Nov 2018 12:00
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 05 05:56:22 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101718.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 18 11:23:05 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...	7.405	1686138	22.808 ug/ml
Spiked Amount 50.000		Recovery =	45.62%
6) S 2-Fluorobiphenyl (SURR)	8.256	1169391	22.780 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.56%
11) S ortho-Terphenyl (SURR)	11.300	1861744	23.567 ug/ml
Spiked Amount 50.000		Recovery =	47.13%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.207	1813163	22.664 ug/ml
2) T Naphthalene (C11.7)	5.740	1947953	22.667 ug/ml
3) T 2-Methylnaphthalene (...)	6.791	1911667	22.752 ug/ml
5) T Acenaphthylene (C15.06)	8.060	1842763	22.686 ug/ml
7) T Acenaphthene (C15.5)	8.355	1924160	22.710 ug/ml
8) T Fluorene (C16.55)	9.133	1906941	22.617 ug/ml
9) T Phenanthrene (C19.36)	10.524	1926872	22.853 ug/ml
10) T Anthracene (C19.43)	10.597	1887281	22.948 ug/ml
12) T Fluoranthene (C21.85)	12.329	1997844	23.477 ug/ml
13) T Pyrene (C20.8)	12.624	2014011	23.497 ug/ml
14) T Benzo[a]anthracene (C...	14.492	1947210	23.407 ug/ml
15) T Chrysene (C27.41)	14.534	1963074	23.367 ug/ml
16) T benzo[b]fluoranthene ...	16.070	1998815	22.337 ug/ml
17) T Bnezo[k]fluoranthene ...	16.070	1998815	22.423 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.413	1988748	22.055 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.776	1935497	20.652 ug/ml
20) T Dibenz[a,h]anthracene...	17.818	1898859	20.953 ug/ml
21) T Benzo[g,h,i]perylene ...	18.028	1977288	20.544 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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QLast Update : Thu Oct 18 11:23:05 2018

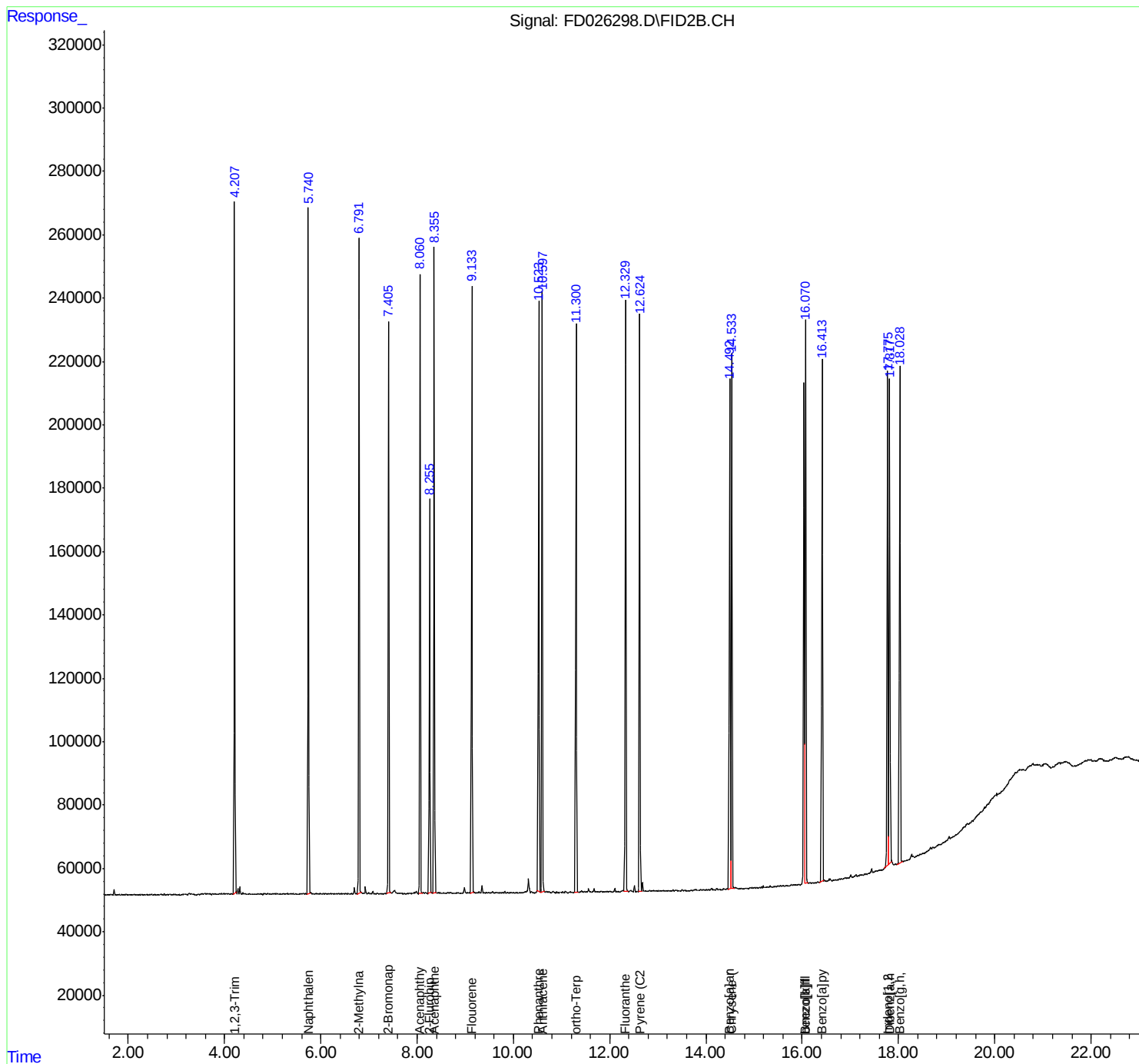
Response via : Initial Calibration

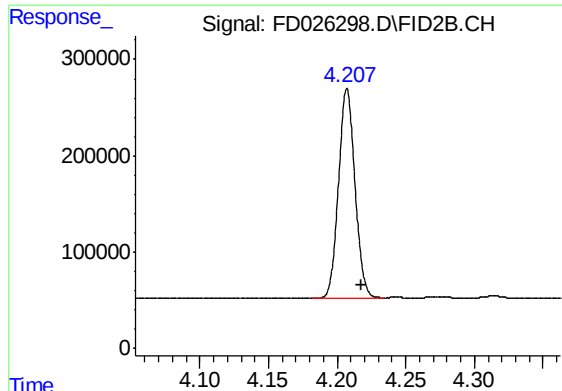
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

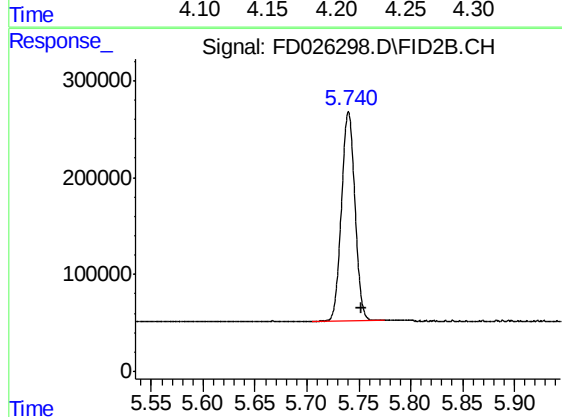
Signal Info : 20M x 0.18mm x 0.18µm





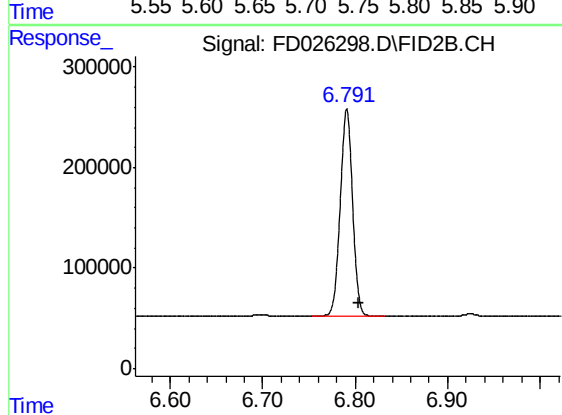
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.207 min
Delta R.T.: -0.011 min
Response: 1813163
Conc: 22.66 ug/ml



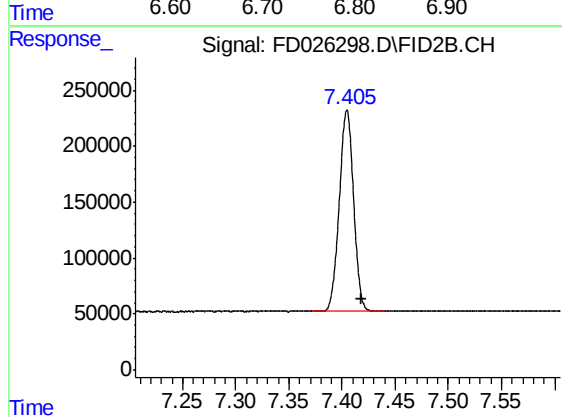
#2 Naphthalene (C11.7)

R.T.: 5.740 min
Delta R.T.: -0.012 min
Response: 1947953
Conc: 22.67 ug/ml



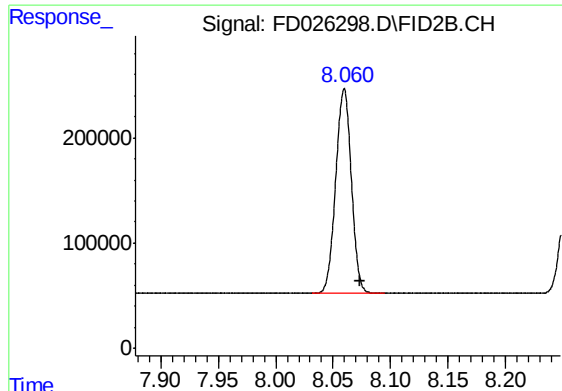
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.791 min
Delta R.T.: -0.013 min
Response: 1911667
Conc: 22.75 ug/ml



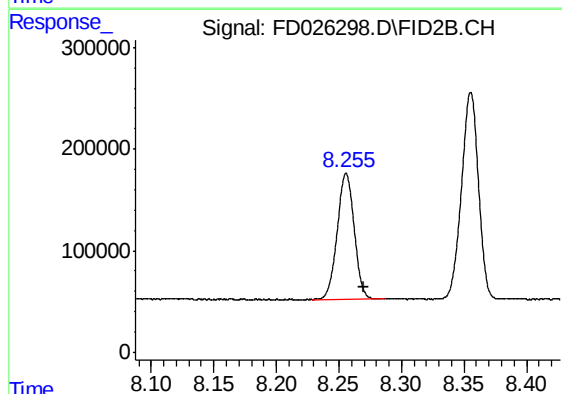
#4 2-Bromonaphthalene (SURR)

R.T.: 7.405 min
Delta R.T.: -0.013 min
Response: 1686138
Conc: 22.81 ug/ml



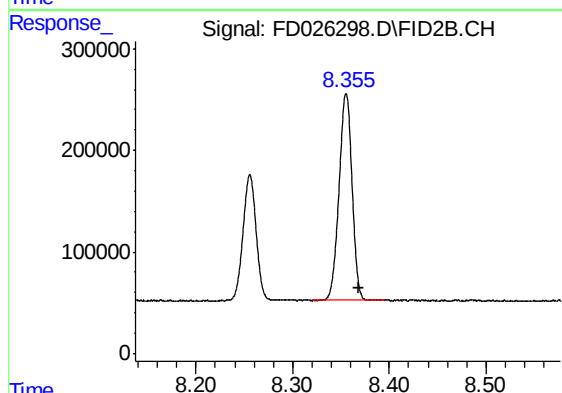
#5 Acenaphthylene (C15.06)

R.T.: 8.060 min
Delta R.T.: -0.014 min
Response: 1842763
Conc: 22.69 ug/ml



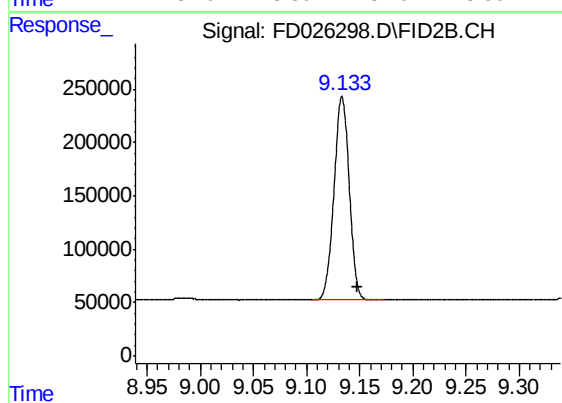
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.256 min
Delta R.T.: -0.014 min
Response: 1169391
Conc: 22.78 ug/ml



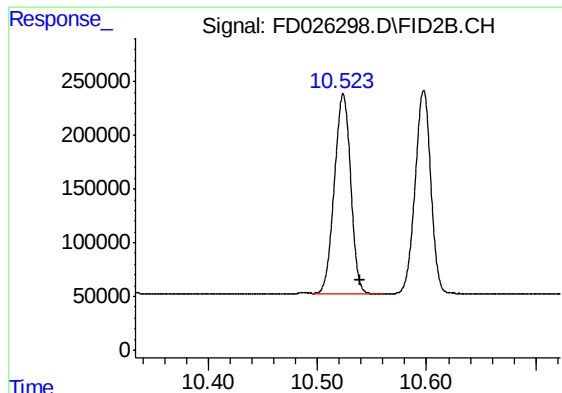
#7 Acenaphthene (C15.5)

R.T.: 8.355 min
Delta R.T.: -0.013 min
Response: 1924160
Conc: 22.71 ug/ml



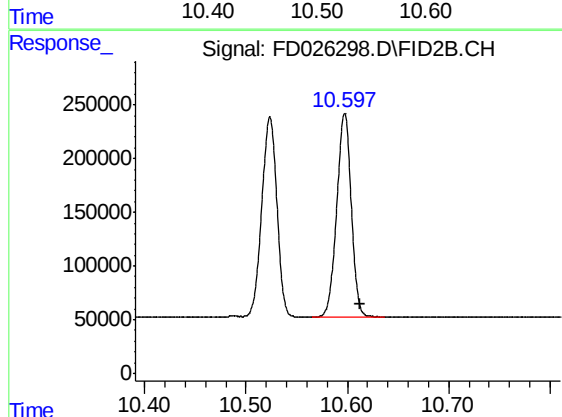
#8 Fluorene (C16.55)

R.T.: 9.133 min
Delta R.T.: -0.015 min
Response: 1906941
Conc: 22.62 ug/ml



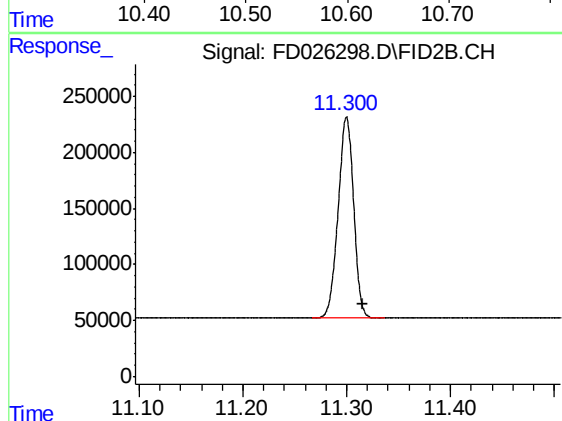
#9 Phenanthrene (C19.36)

R.T.: 10.524 min
Delta R.T.: -0.015 min
Response: 1926872
Conc: 22.85 ug/ml



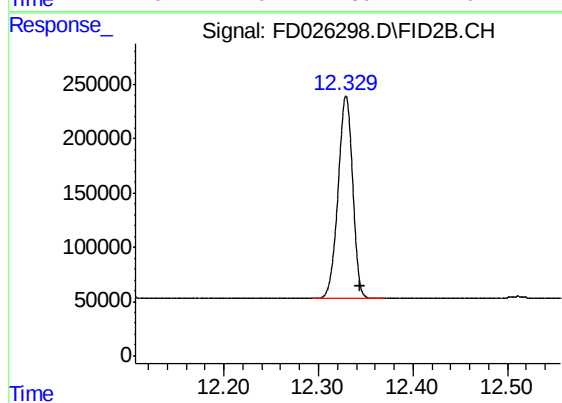
#10 Anthracene (C19.43)

R.T.: 10.597 min
Delta R.T.: -0.014 min
Response: 1887281
Conc: 22.95 ug/ml



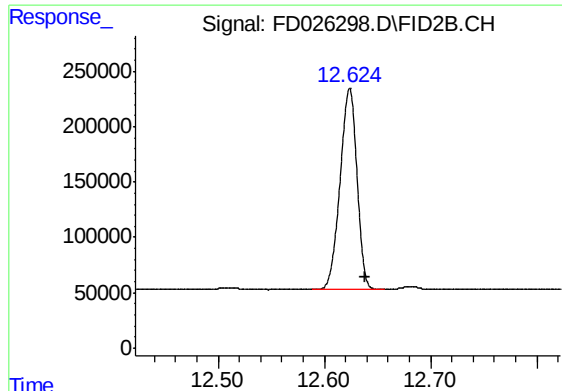
#11 ortho-Terphenyl (SURR)

R.T.: 11.300 min
Delta R.T.: -0.015 min
Response: 1861744
Conc: 23.57 ug/ml



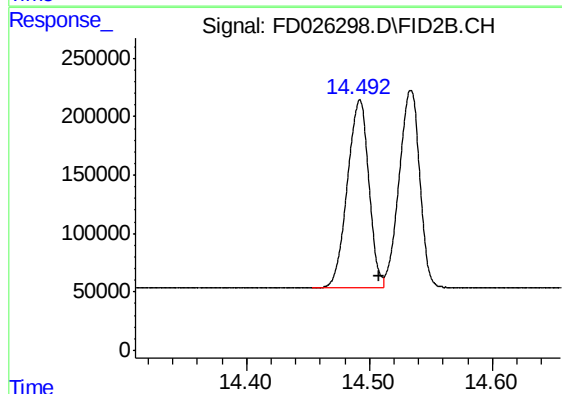
#12 Fluoranthene (C21.85)

R.T.: 12.329 min
Delta R.T.: -0.015 min
Response: 1997844
Conc: 23.48 ug/ml



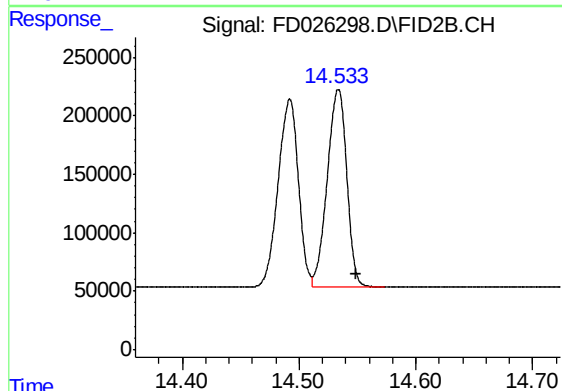
#13 Pyrene (C20.8)

R.T.: 12.624 min
Delta R.T.: -0.015 min
Response: 2014011
Conc: 23.50 ug/ml



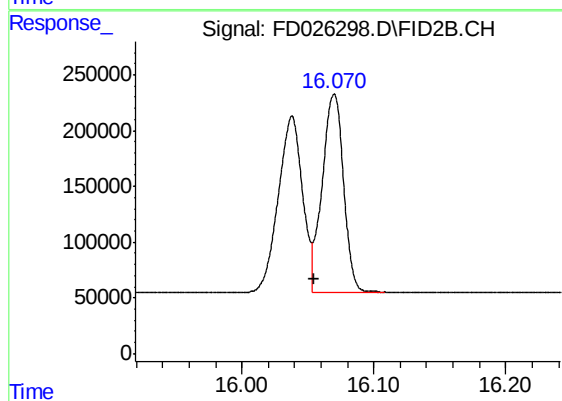
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.492 min
Delta R.T.: -0.016 min
Response: 1947210
Conc: 23.41 ug/ml



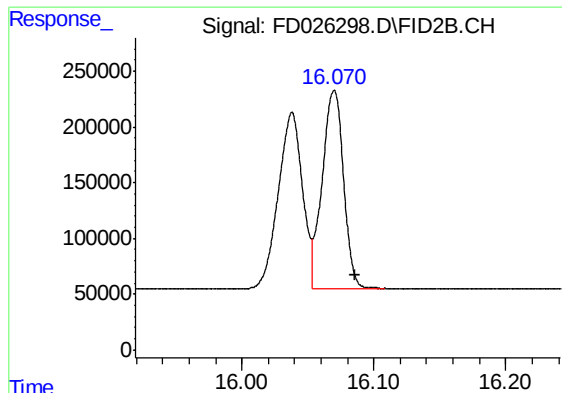
#15 Chrysene (C27.41)

R.T.: 14.534 min
Delta R.T.: -0.016 min
Response: 1963074
Conc: 23.37 ug/ml



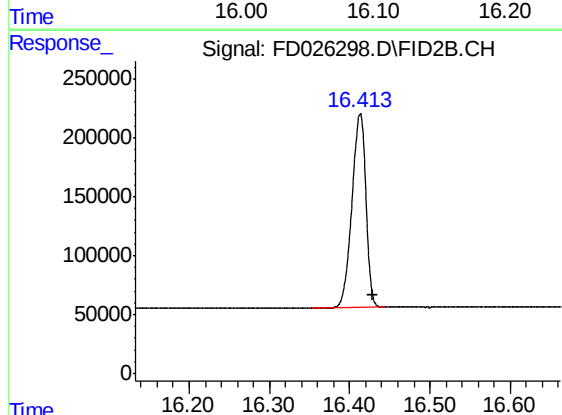
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.070 min
Delta R.T.: 0.015 min
Response: 1998815
Conc: 22.34 ug/ml



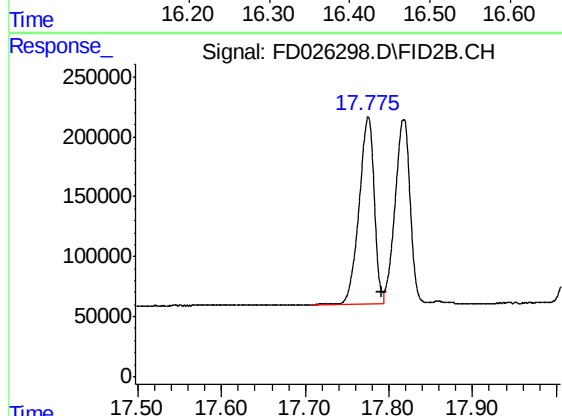
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.070 min
Delta R.T.: -0.016 min
Response: 1998815
Conc: 22.42 ug/ml



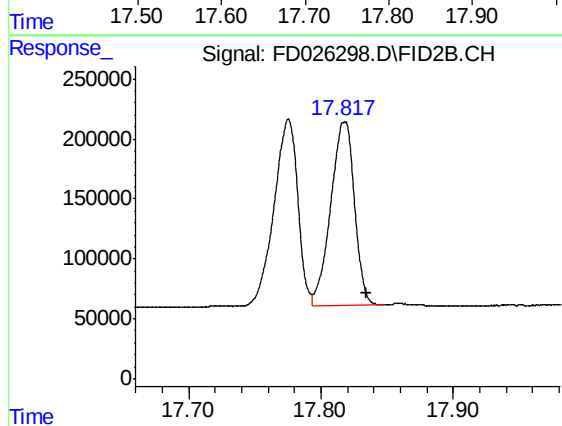
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.413 min
Delta R.T.: -0.016 min
Response: 1988748
Conc: 22.06 ug/ml



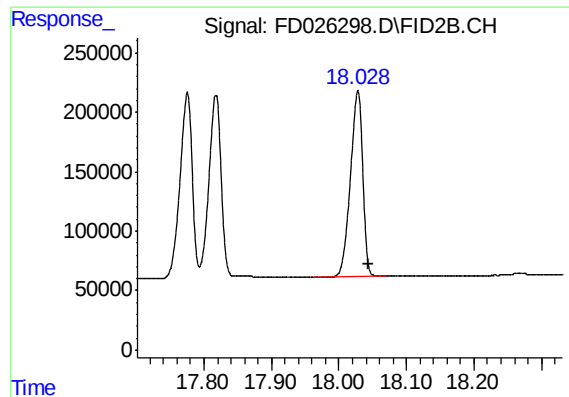
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.776 min
Delta R.T.: -0.016 min
Response: 1935497
Conc: 20.65 ug/ml



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

R.T.: 17.818 min
Delta R.T.: -0.017 min
Response: 1898859
Conc: 20.95 ug/ml



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

R.T.: 18.028 min
Delta R.T.: -0.015 min
Response: 1977288
Conc: 20.54 ug/ml