

Data Path : \\74.0.250.170\Terastorage\pestpcbsrv\HPCHEM1\FID_D\Data\FD102918AR\
 Data File : FD026165.D
 Signal(s) : FID2B.CH
 Acq On : 29 Oct 2018 13:26
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 29 16:11:54 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...	7.413	1515365	20.498 ug/ml
Spiked Amount 50.000		Recovery =	41.00%
6) S 2-Fluorobiphenyl (SURR)	8.265	1046100	20.378 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.76%
11) S ortho-Terphenyl (SURR)	11.310	1634987	20.696 ug/ml
Spiked Amount 50.000		Recovery =	41.39%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.215	1706038	21.325 ug/ml
2) T Naphthalene (C11.7)	5.748	1797554	20.917 ug/ml
3) T 2-Methylnaphthalene (...)	6.800	1735119	20.651 ug/ml
5) T Acenaphthylene (C15.06)	8.069	1665873	20.508 ug/ml
7) T Acenaphthene (C15.5)	8.364	1737359	20.506 ug/ml
8) T Fluorene (C16.55)	9.143	1706976	20.245 ug/ml
9) T Phenanthrene (C19.36)	10.533	1722242	20.426 ug/ml
10) T Anthracene (C19.43)	10.607	1683642	20.472 ug/ml
12) T Fluoranthene (C21.85)	12.339	1805664	21.218 ug/ml
13) T Pyrene (C20.8)	12.633	1833260	21.389 ug/ml
14) T Benzo[a]anthracene (C...	14.503	1852345	22.266 ug/ml
15) T Chrysene (C27.41)	14.544	1878070	22.355 ug/ml
16) T benzo[b]fluoranthene ...	16.048	2002028	22.373 ug/ml
17) T Bnezo[k]fluoranthene ...	16.081	2012109	22.573 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.424	2007681	22.265 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.786	1958289	20.895 ug/ml
20) T Dibenz[a,h]anthracene...	17.829	1888538	20.839 ug/ml
21) T Benzo[g,h,i]perylene ...	18.040	2039775	21.193 ug/ml

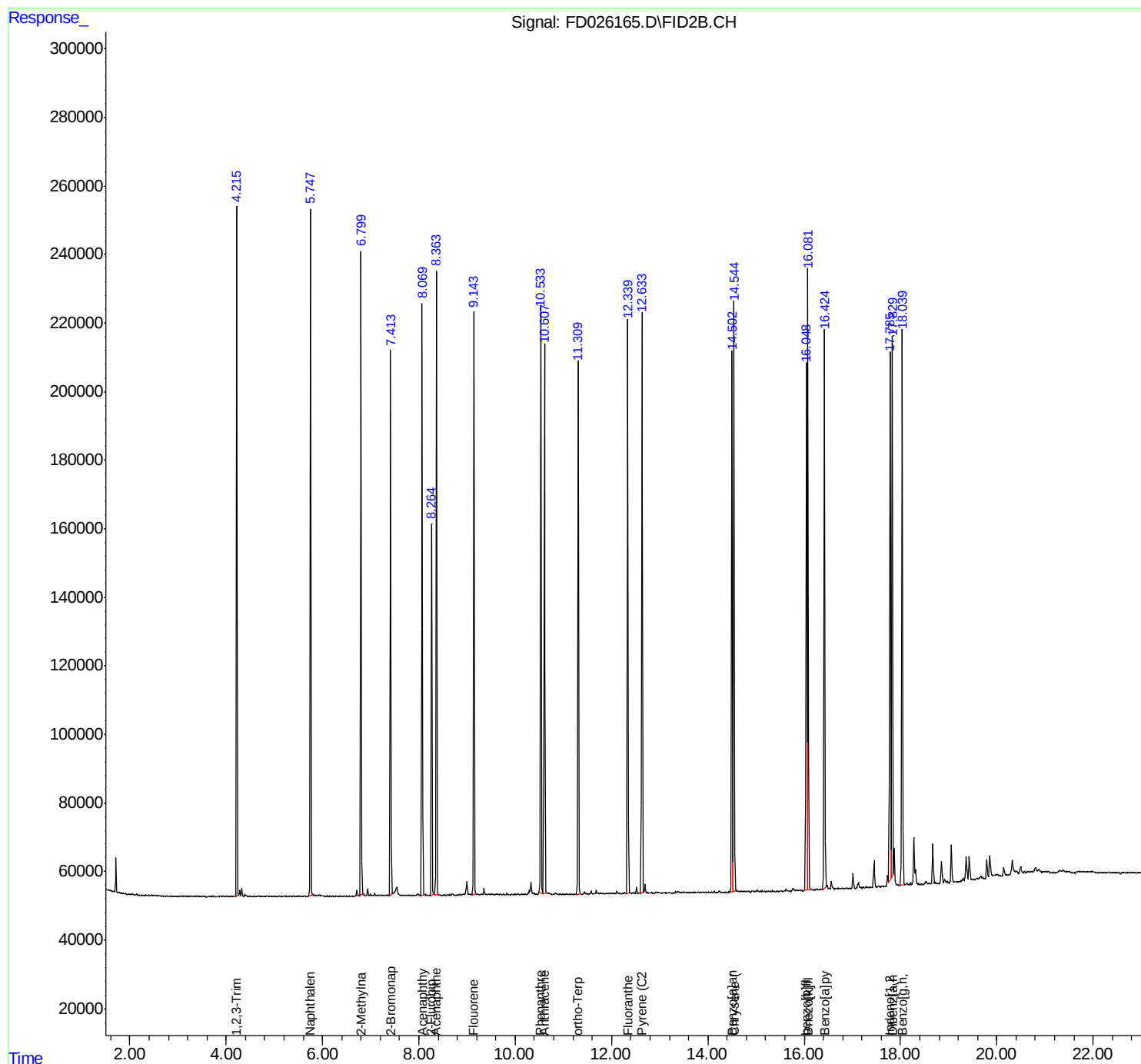
(f)=RT Delta > 1/2 Window

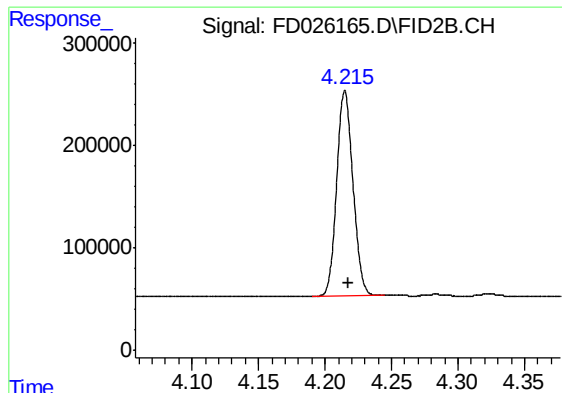
(m)=manual int.

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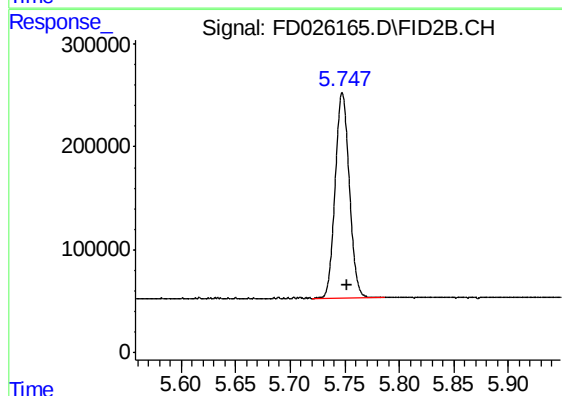
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





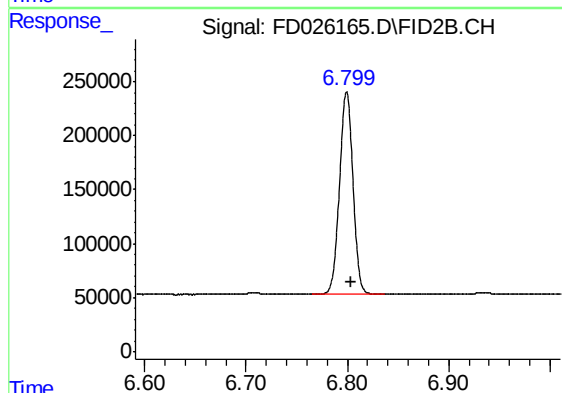
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.215 min
Delta R.T.: -0.003 min
Response: 1706038
Conc: 21.33 ug/ml



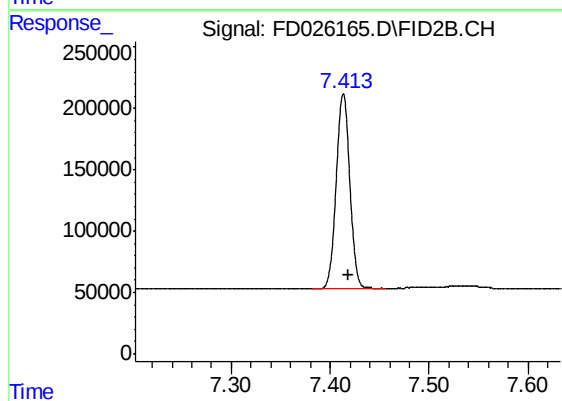
#2 Naphthalene (C11.7)

R.T.: 5.748 min
Delta R.T.: -0.004 min
Response: 1797554
Conc: 20.92 ug/ml



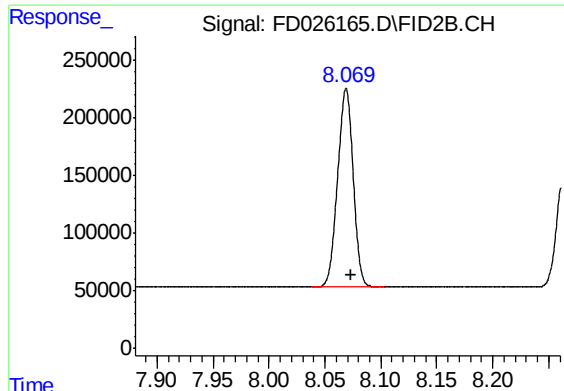
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.800 min
Delta R.T.: -0.004 min
Response: 1735119
Conc: 20.65 ug/ml



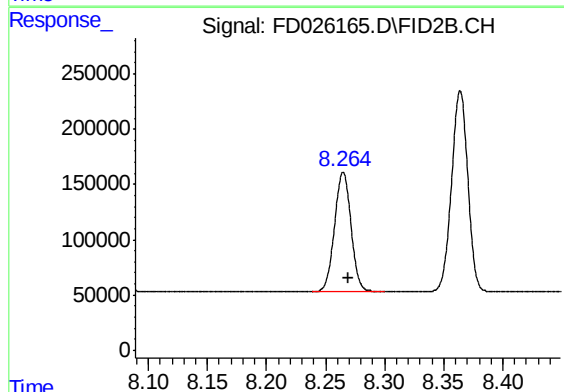
#4 2-Bromonaphthalene (SURR)

R.T.: 7.413 min
Delta R.T.: -0.005 min
Response: 1515365
Conc: 20.50 ug/ml



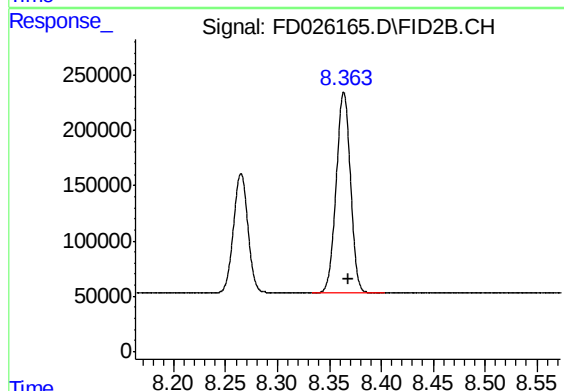
#5 Acenaphthylene (C15.06)

R.T.: 8.069 min
Delta R.T.: -0.005 min
Response: 1665873
Conc: 20.51 ug/ml



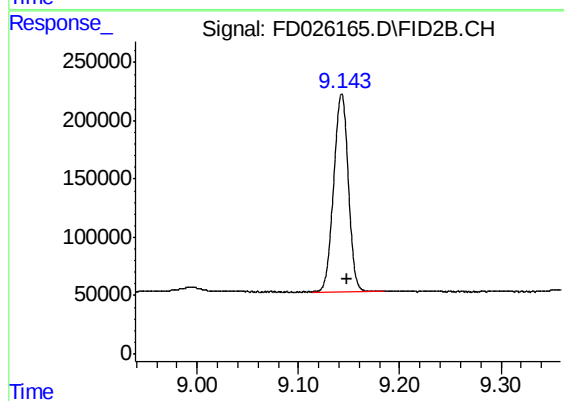
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.265 min
Delta R.T.: -0.005 min
Response: 1046100
Conc: 20.38 ug/ml



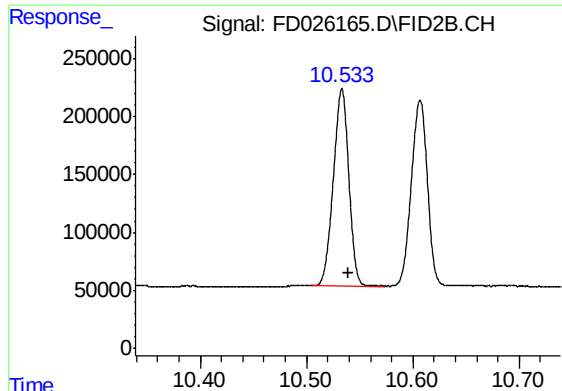
#7 Acenaphthene (C15.5)

R.T.: 8.364 min
Delta R.T.: -0.005 min
Response: 1737359
Conc: 20.51 ug/ml



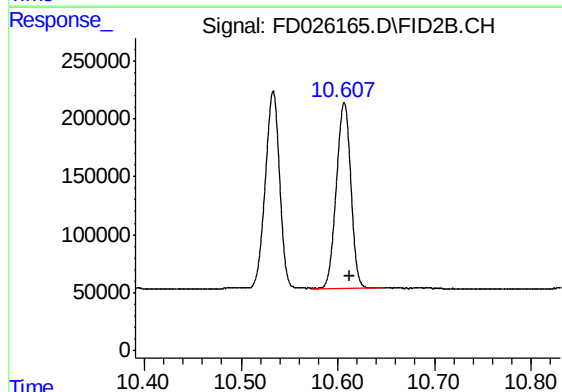
#8 Flouorene (C16.55)

R.T.: 9.143 min
Delta R.T.: -0.005 min
Response: 1706976
Conc: 20.24 ug/ml



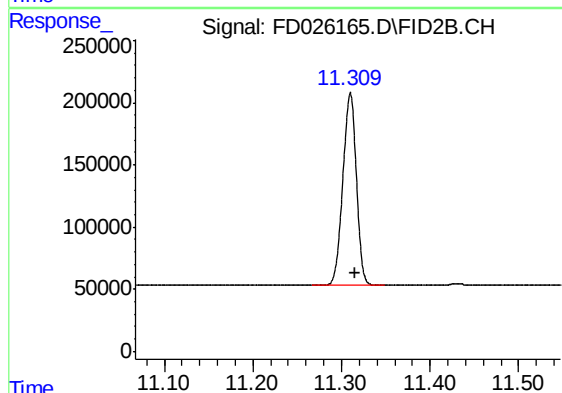
#9 Phenanthrene (C19.36)

R.T.: 10.533 min
Delta R.T.: -0.006 min
Response: 1722242
Conc: 20.43 ug/ml



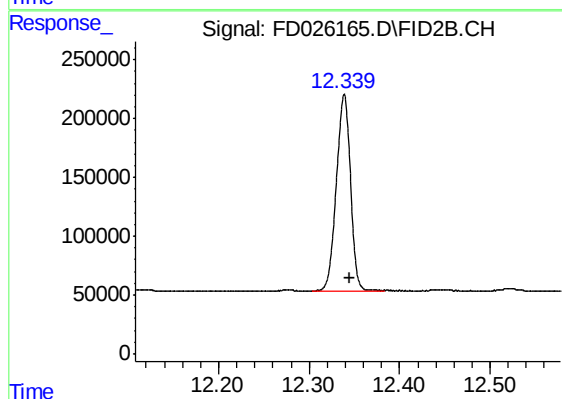
#10 Anthracene (C19.43)

R.T.: 10.607 min
Delta R.T.: -0.005 min
Response: 1683642
Conc: 20.47 ug/ml



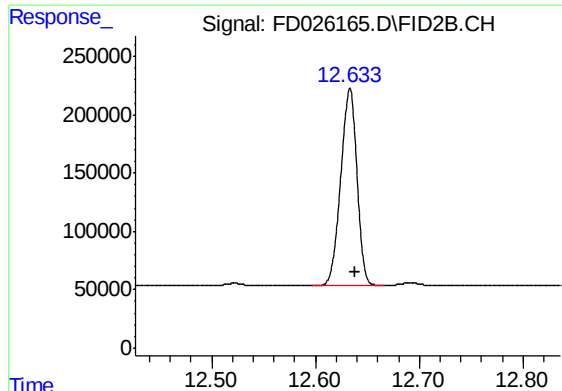
#11 ortho-Terphenyl (SURR)

R.T.: 11.310 min
Delta R.T.: -0.005 min
Response: 1634987
Conc: 20.70 ug/ml



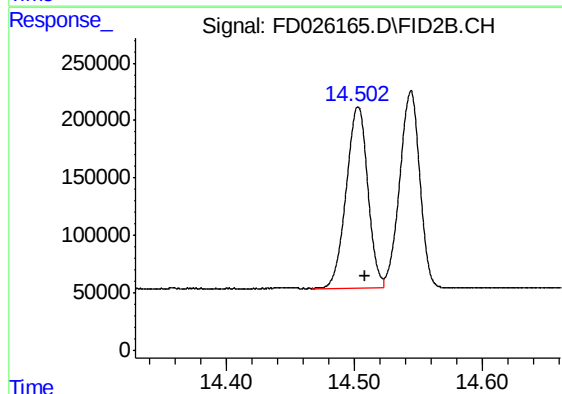
#12 Fluoranthene (C21.85)

R.T.: 12.339 min
Delta R.T.: -0.005 min
Response: 1805664
Conc: 21.22 ug/ml



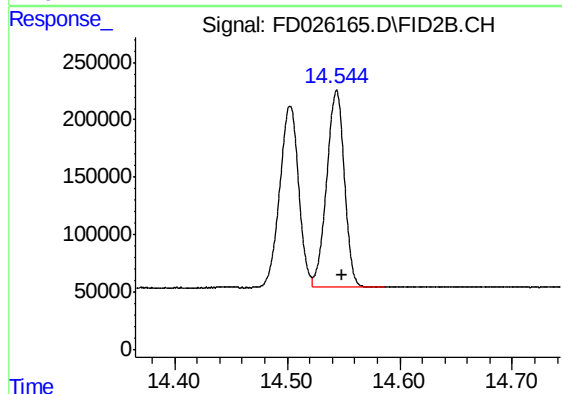
#13 Pyrene (C20.8)

R.T.: 12.633 min
Delta R.T.: -0.005 min
Response: 1833260
Conc: 21.39 ug/ml



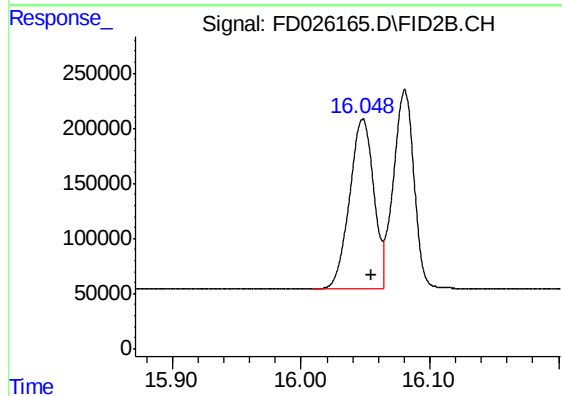
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.503 min
Delta R.T.: -0.005 min
Response: 1852345
Conc: 22.27 ug/ml



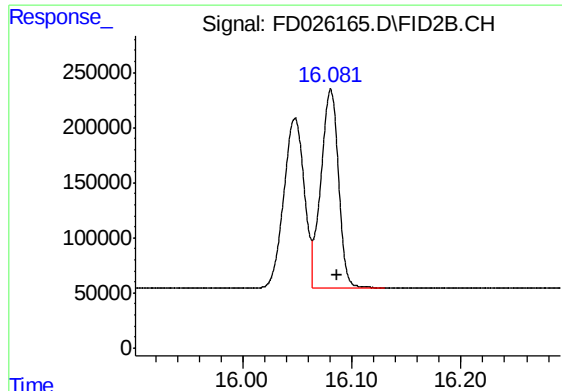
#15 Chrysene (C27.41)

R.T.: 14.544 min
Delta R.T.: -0.005 min
Response: 1878070
Conc: 22.36 ug/ml



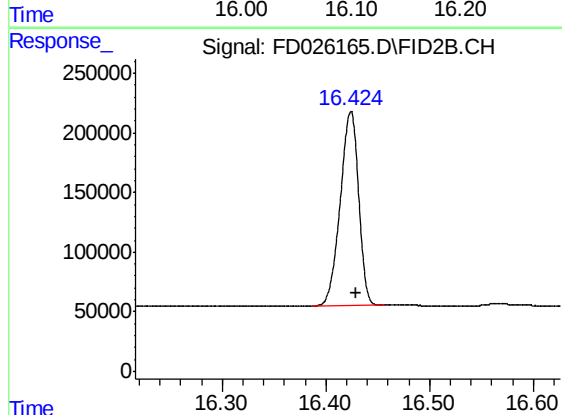
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.048 min
Delta R.T.: -0.007 min
Response: 2002028
Conc: 22.37 ug/ml



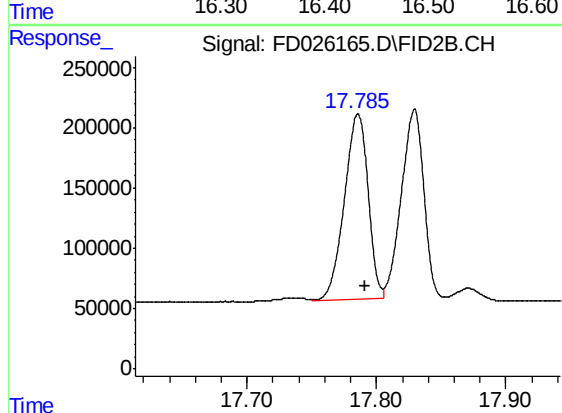
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.081 min
Delta R.T.: -0.005 min
Response: 2012109
Conc: 22.57 ug/ml



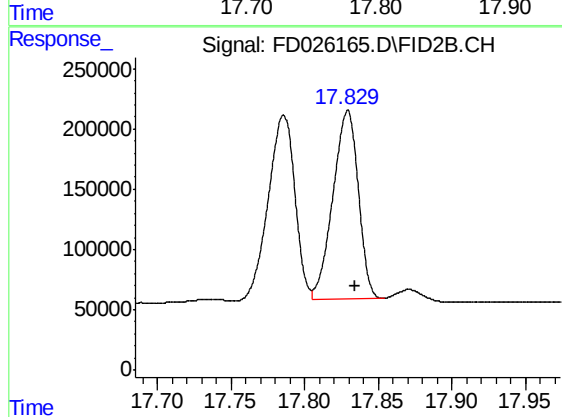
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.424 min
Delta R.T.: -0.005 min
Response: 2007681
Conc: 22.27 ug/ml



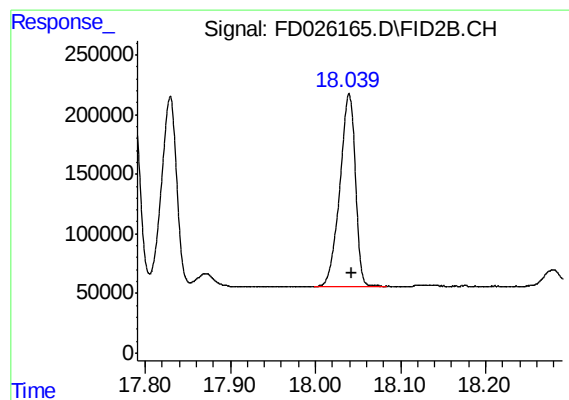
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.786 min
Delta R.T.: -0.006 min
Response: 1958289
Conc: 20.90 ug/ml



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

R.T.: 17.829 min
Delta R.T.: -0.005 min
Response: 1888538
Conc: 20.84 ug/ml



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

R.T.: 18.040 min
Delta R.T.: -0.004 min
Response: 2039775
Conc: 21.19 ug/ml