

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052419AR\
 Data File : FD029231.D
 Signal(s) : FID2B.CH
 Acq On : 24 May 2019 14:33
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: May 24 23:58:46 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051519.M
 Quant Title : GC Extractables
 QLast Update : Wed May 15 16:09:05 2019
 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...	7.745	1800909	22.752 ug/ml
Spiked Amount 50.000		Recovery =	45.50%
6) S 2-Fluorobiphenyl (SURR)	8.609	1181592	21.880 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.76%
11) S ortho-Terphenyl (SURR)	11.647	1877188	22.763 ug/ml
Spiked Amount 50.000		Recovery =	45.53%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.537	1853115	20.815 ug/ml
2) T Naphthalene (C11.7)	6.083	2031259	21.732 ug/ml
3) T 2-Methylnaphthalene (...)	7.135	2005598	22.261 ug/ml
5) T Acenaphthylene (C15.06)	8.413	1908600	22.196 ug/ml
7) T Acenaphthene (C15.5)	8.709	2000887	22.390 ug/ml
8) T Fluorene (C16.55)	9.489	1925456	21.994 ug/ml
9) T Phenanthrene (C19.36)	10.885	1897280	21.182 ug/ml
10) T Anthracene (C19.43)	10.959	1849102	20.780 ug/ml
12) T Fluoranthene (C21.85)	12.694	1941571	20.226 ug/ml
13) T Pyrene (C20.8)	12.992	1967601	19.999 ug/ml
14) T Benzo[a]anthracene (C...	14.858	1851183	18.757 ug/ml
15) T Chrysene (C27.41)	14.900	1890048	18.876 ug/ml
16) T benzo[b]fluoranthene ...	16.403	1937613	18.797 ug/ml
17) T Bnezo[k]fluoranthene ...	16.435	1895261	18.702 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.782	1861778	18.372 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.140	1652817	17.009 ug/ml
20) T Dibenz[a,h]anthracene...	18.178	1506652	16.750 ug/ml
21) T Benzo[g,h,i]perylene ...	18.395	1819451	17.991 ug/ml

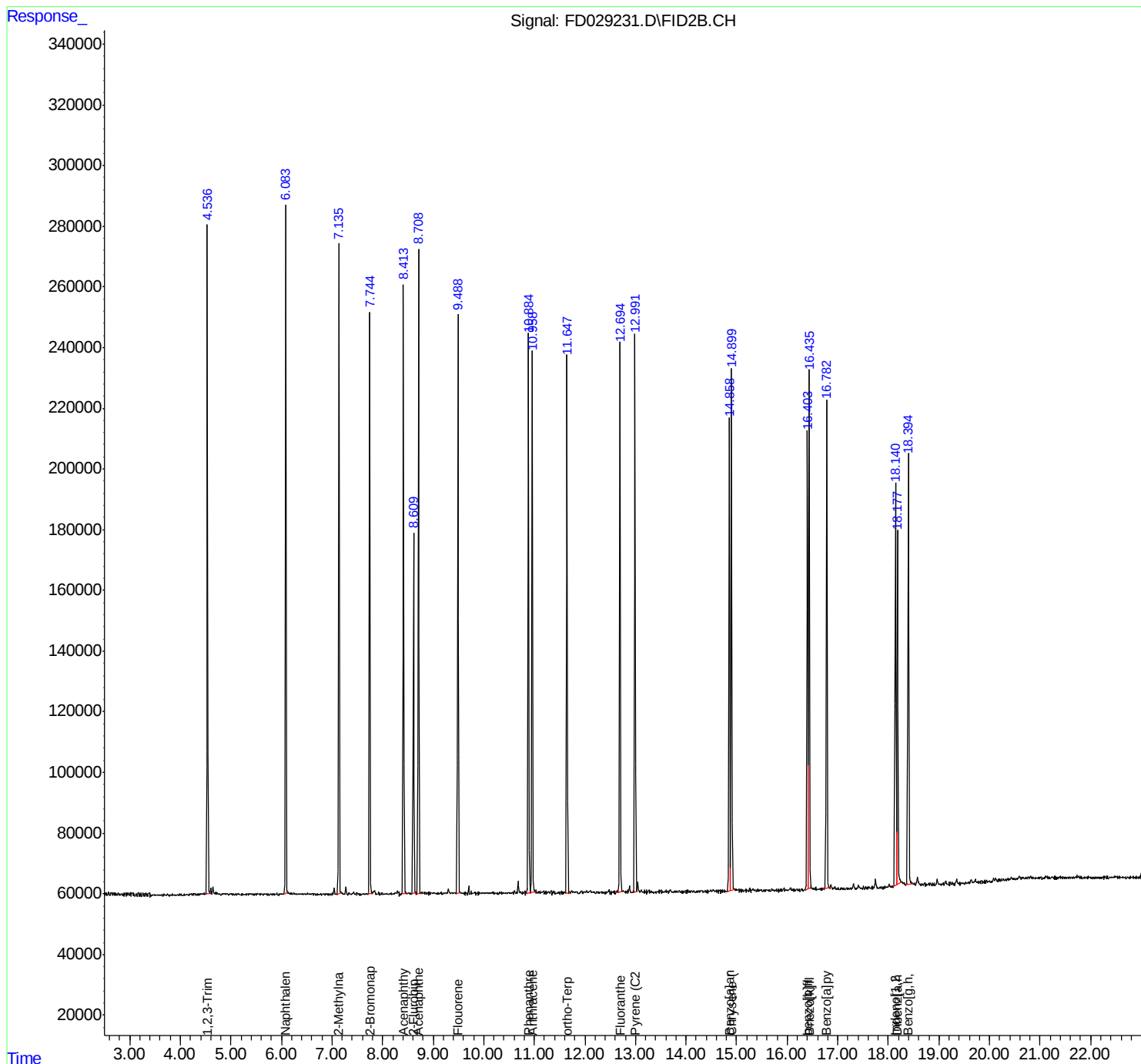
(f)=RT Delta > 1/2 Window

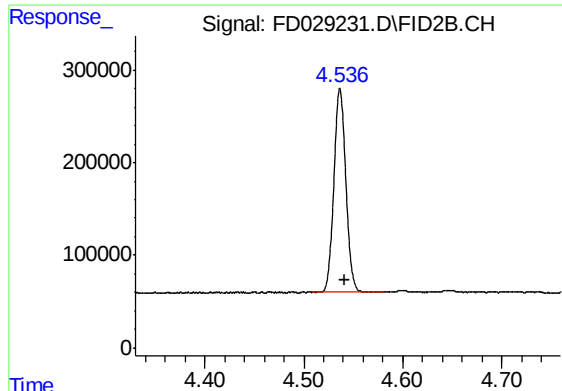
(m)=manual int.

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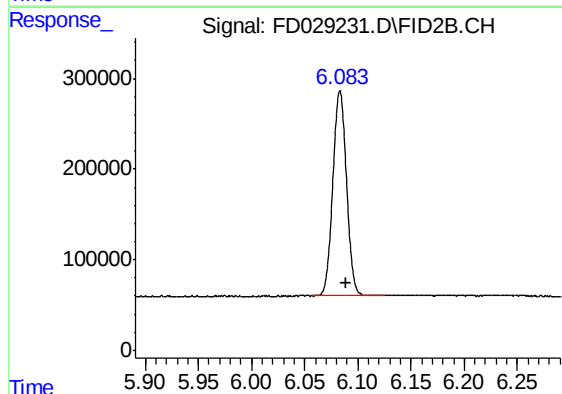
Volume Inj. : 1 µl
Signal Phase : Rx1-1ms
Signal Info : 20M x 0.18mm x 0.18µm





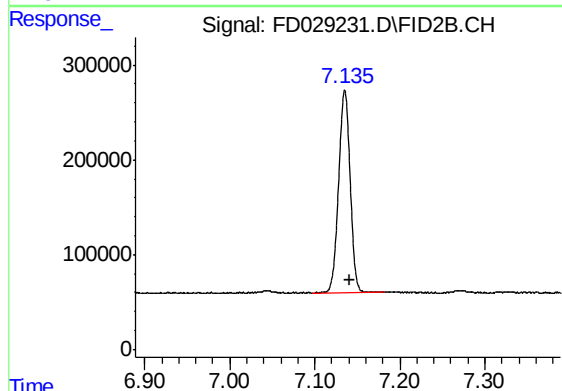
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.537 min
Delta R.T.: -0.005 min
Response: 1853115
Conc: 20.82 ug/ml



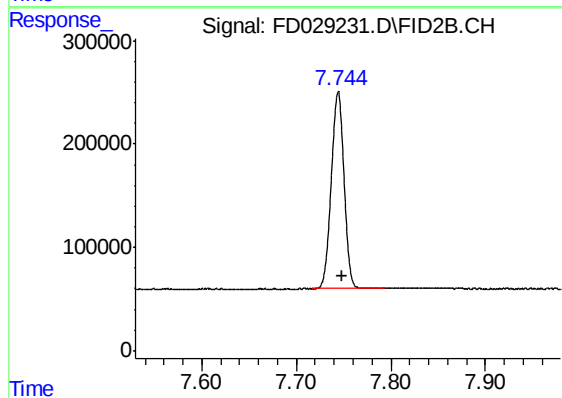
#2 Naphthalene (C11.7)

R.T.: 6.083 min
Delta R.T.: -0.005 min
Response: 2031259
Conc: 21.73 ug/ml



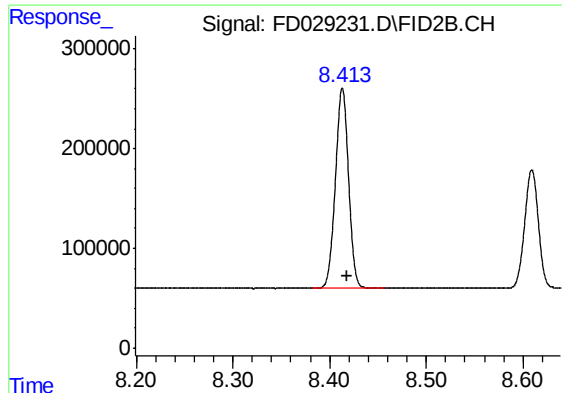
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.135 min
Delta R.T.: -0.005 min
Response: 2005598
Conc: 22.26 ug/ml



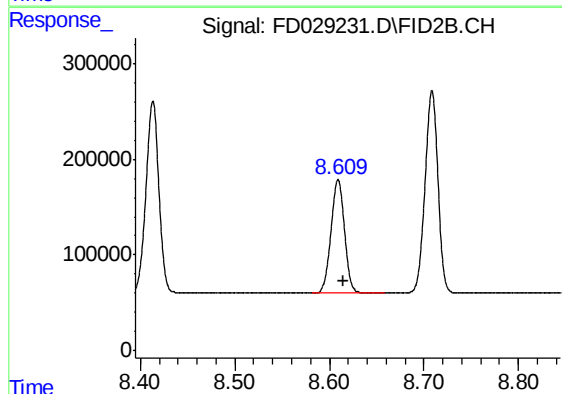
#4 2-Bromonaphthalene (SURR)

R.T.: 7.745 min
Delta R.T.: -0.005 min
Response: 1800909
Conc: 22.75 ug/ml



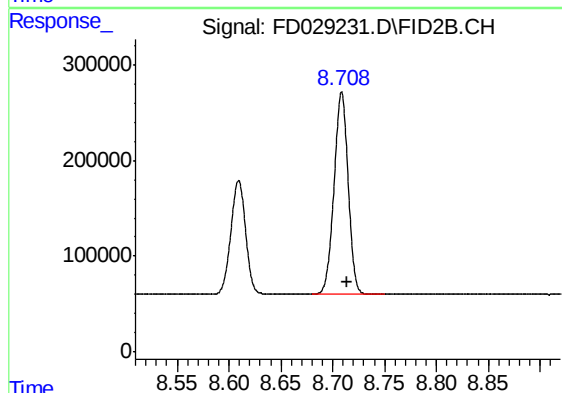
#5 Acenaphthylene (C15.06)

R.T.: 8.413 min
Delta R.T.: -0.005 min
Response: 1908600
Conc: 22.20 ug/ml



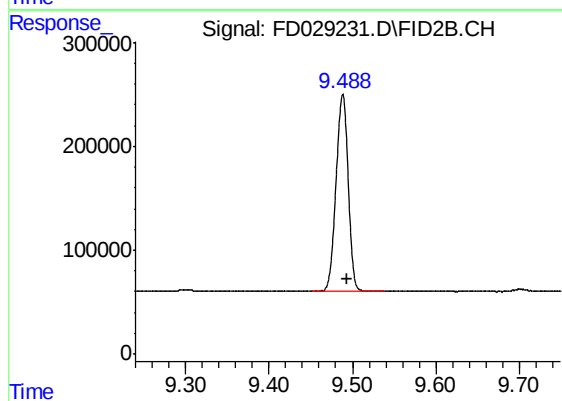
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.609 min
Delta R.T.: -0.006 min
Response: 1181592
Conc: 21.88 ug/ml



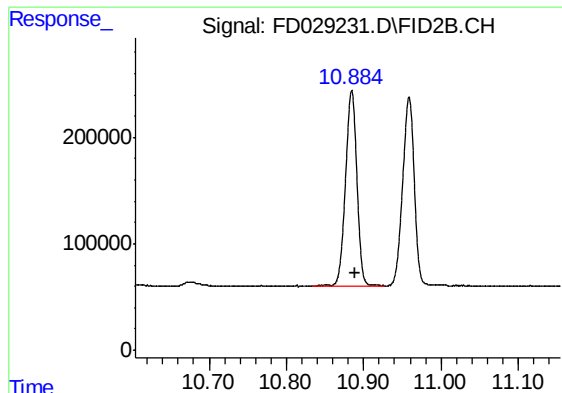
#7 Acenaphthene (C15.5)

R.T.: 8.709 min
Delta R.T.: -0.005 min
Response: 2000887
Conc: 22.39 ug/ml



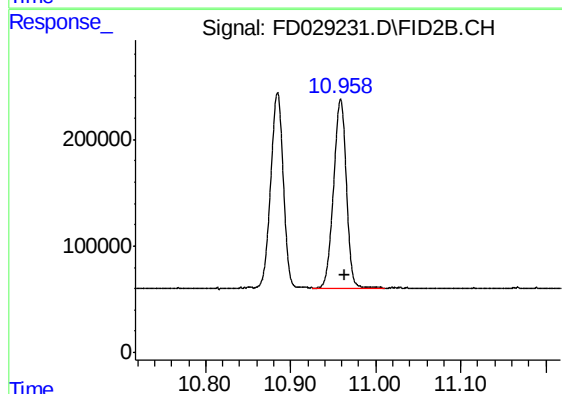
#8 Fluorene (C16.55)

R.T.: 9.489 min
Delta R.T.: -0.005 min
Response: 1925456
Conc: 21.99 ug/ml



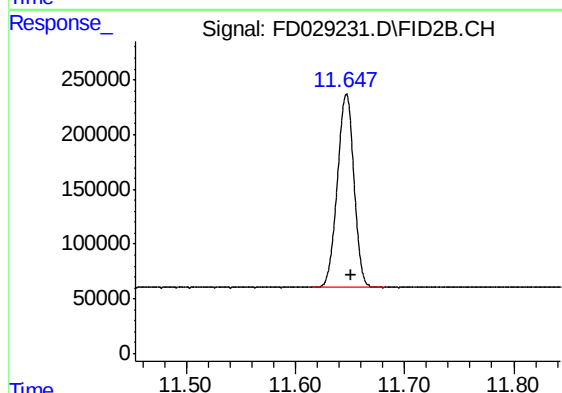
#9 Phenanthrene (C19.36)

R.T.: 10.885 min
Delta R.T.: -0.005 min
Response: 1897280
Conc: 21.18 ug/ml



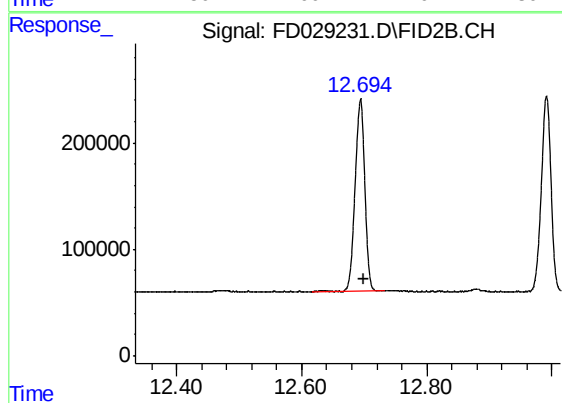
#10 Anthracene (C19.43)

R.T.: 10.959 min
Delta R.T.: -0.005 min
Response: 1849102
Conc: 20.78 ug/ml



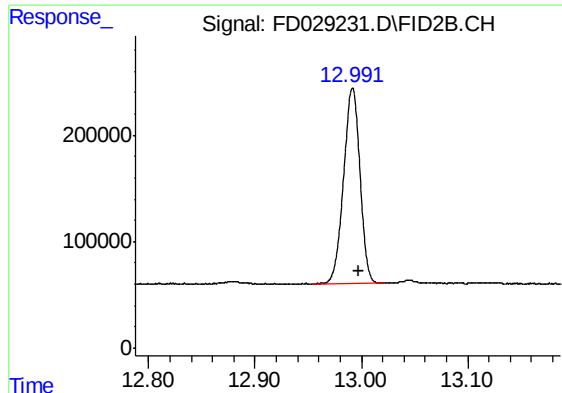
#11 ortho-Terphenyl (SURR)

R.T.: 11.647 min
Delta R.T.: -0.005 min
Response: 1877188
Conc: 22.76 ug/ml



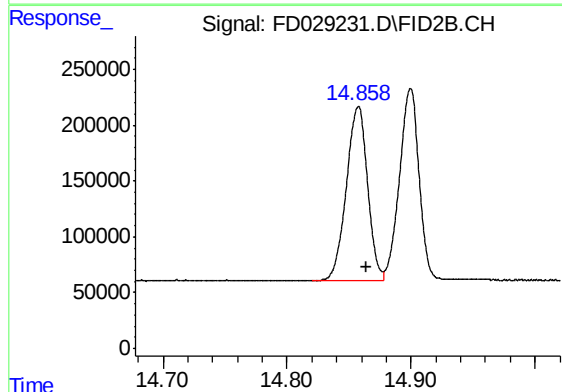
#12 Fluoranthene (C21.85)

R.T.: 12.694 min
Delta R.T.: -0.005 min
Response: 1941571
Conc: 20.23 ug/ml



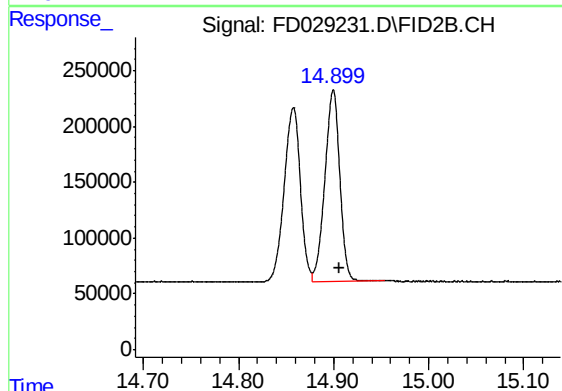
#13 Pyrene (C20.8)

R.T.: 12.992 min
Delta R.T.: -0.005 min
Response: 1967601
Conc: 20.00 ug/ml



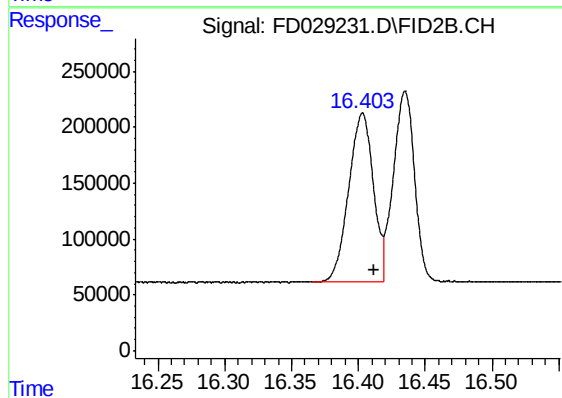
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.858 min
Delta R.T.: -0.006 min
Response: 1851183
Conc: 18.76 ug/ml



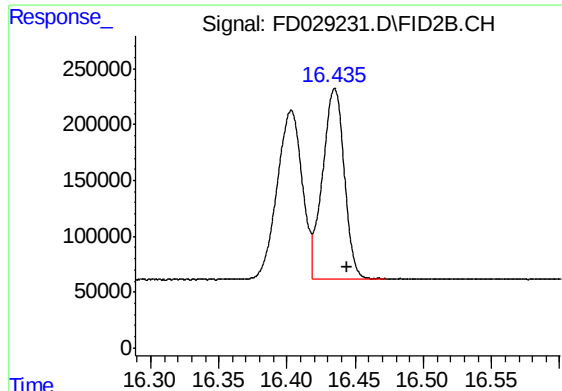
#15 Chrysene (C27.41)

R.T.: 14.900 min
Delta R.T.: -0.006 min
Response: 1890048
Conc: 18.88 ug/ml



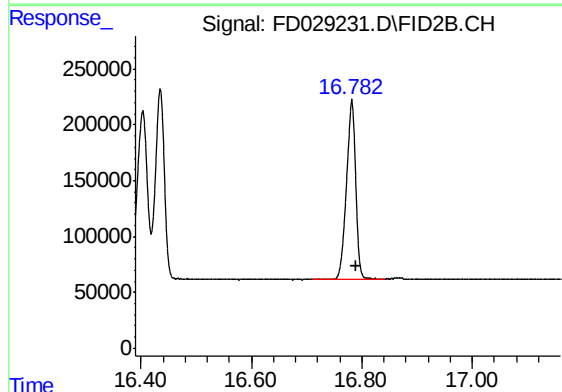
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.403 min
Delta R.T.: -0.008 min
Response: 1937613
Conc: 18.80 ug/ml



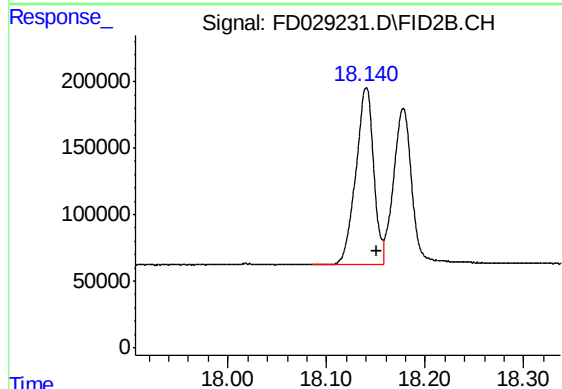
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.435 min
Delta R.T.: -0.009 min
Response: 1895261
Conc: 18.70 ug/ml



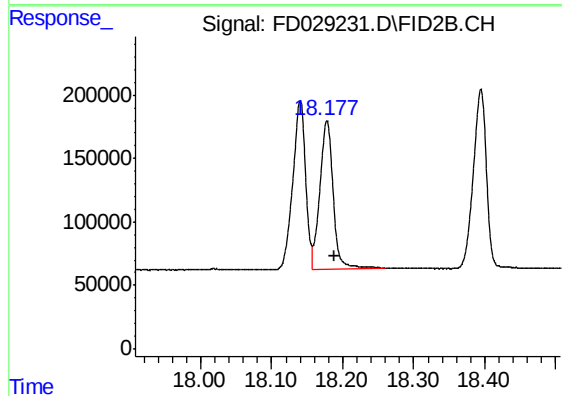
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.782 min
Delta R.T.: -0.008 min
Response: 1861778
Conc: 18.37 ug/ml



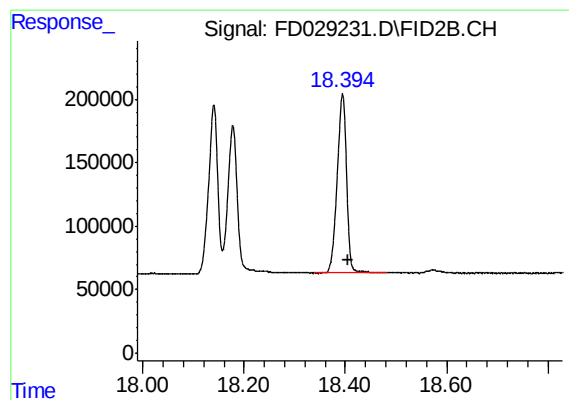
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.140 min
Delta R.T.: -0.010 min
Response: 1652817
Conc: 17.01 ug/ml



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

R.T.: 18.178 min
Delta R.T.: -0.011 min
Response: 1506652
Conc: 16.75 ug/ml



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

R.T.: 18.395 min
Delta R.T.: -0.012 min
Response: 1819451
Conc: 17.99 ug/ml