

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100118AR\
 Data File : FD025814.D
 Signal(s) : FID2B.CH
 Acq On : 01 Oct 2018 15:50
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 02 05:06:42 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 092618.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 26 13:16:31 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...	7.425	1646226	21.088 ug/ml
Spiked Amount 50.000		Recovery =	42.18%
6) S 2-Fluorobiphenyl (SURR)	8.277	1146423	20.806 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.61%
11) S ortho-Terphenyl (SURR)	11.320	1857799	21.599 ug/ml
Spiked Amount 50.000		Recovery =	43.20%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.227	1725206	20.368 ug/ml
2) T Naphthalene (C11.7)	5.760	1870236	20.420 ug/ml
3) T 2-Methylnaphthalene (...)	6.811	1851282	20.735 ug/ml
5) T Acenaphthylene (C15.06)	8.081	1799138	20.674 ug/ml
7) T Acenaphthene (C15.5)	8.376	1886633	20.762 ug/ml
8) T Fluorene (C16.55)	9.155	1874209	20.859 ug/ml
9) T Phenanthrene (C19.36)	10.545	1894165	20.341 ug/ml
10) T Anthracene (C19.43)	10.618	1854693	20.255 ug/ml
12) T Fluoranthene (C21.85)	12.350	1977002	20.171 ug/ml
13) T Pyrene (C20.8)	12.645	1996583	20.050 ug/ml
14) T Benzo[a]anthracene (C...	14.514	2014981	20.847 ug/ml
15) T Chrysene (C27.41)	14.556	2027116	20.844 ug/ml
16) T benzo[b]fluoranthene ...	16.059	2103021	21.405 ug/ml
17) T Bnezo[k]fluoranthene ...	16.091	2107453	21.616 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.434	2085141	21.346 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.795	1994490	21.039 ug/ml
20) T Dibenz[a,h]anthracene...	17.837	1957459	21.140 ug/ml
21) T Benzo[g,h,i]perylene ...	18.048	2053245	21.342 ug/ml

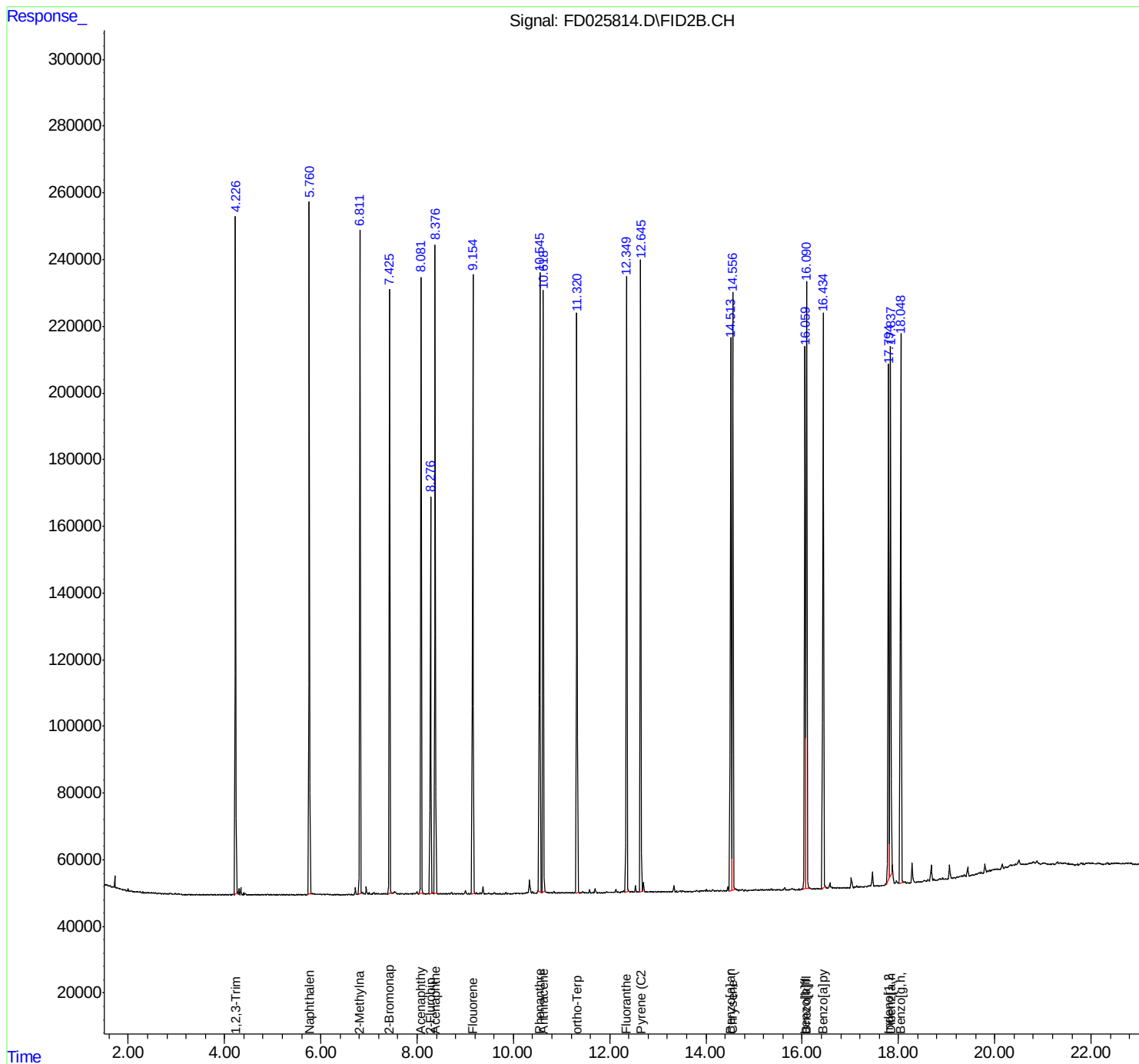
(f)=RT Delta > 1/2 Window

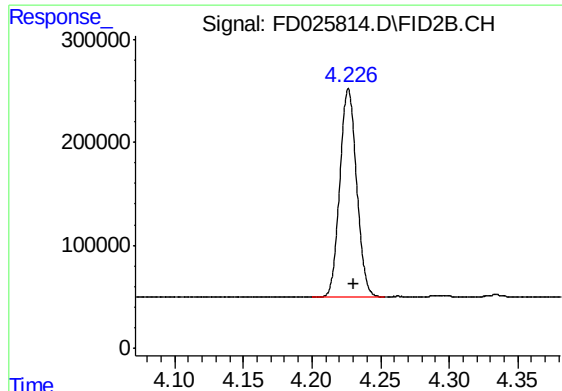
(m)=manual int.

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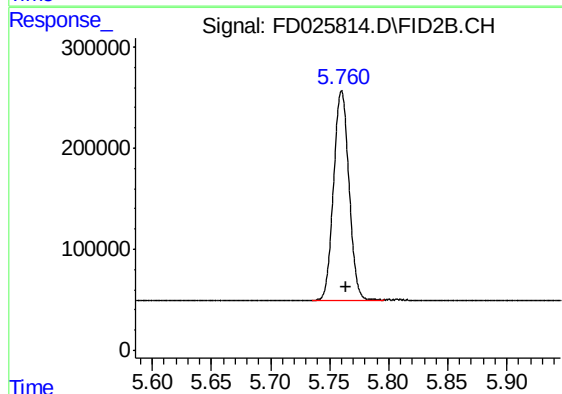
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





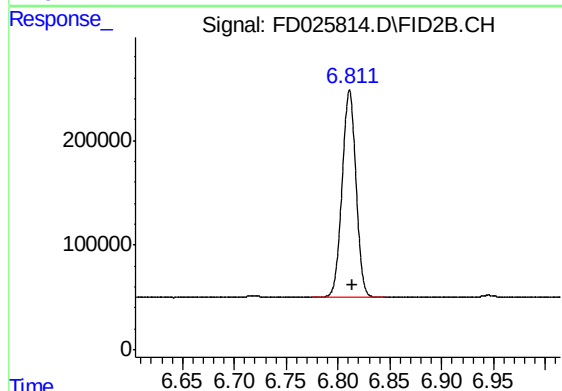
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.227 min
Delta R.T.: -0.003 min
Response: 1725206
Conc: 20.37 ug/ml



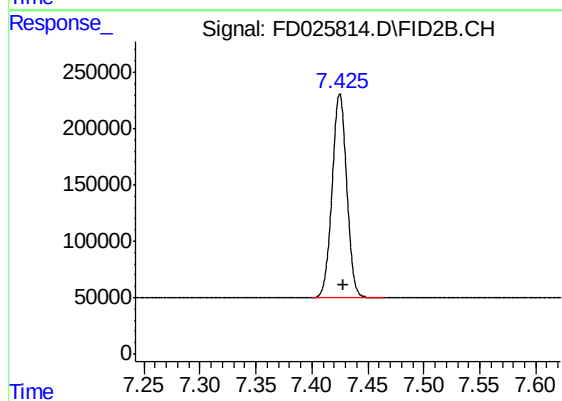
#2 Naphthalene (C11.7)

R.T.: 5.760 min
Delta R.T.: -0.004 min
Response: 1870236
Conc: 20.42 ug/ml



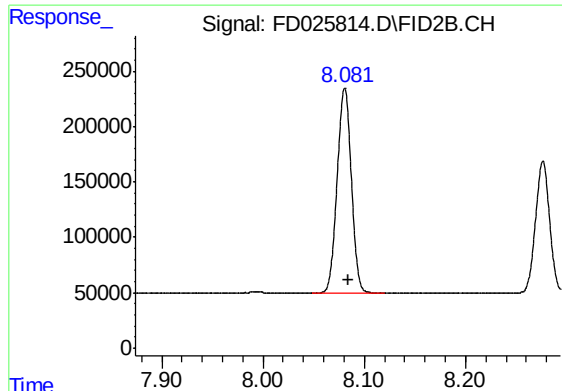
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.811 min
Delta R.T.: -0.003 min
Response: 1851282
Conc: 20.73 ug/ml



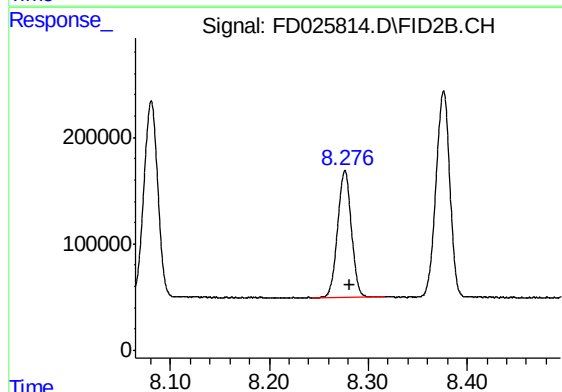
#4 2-Bromonaphthalene (SURR)

R.T.: 7.425 min
Delta R.T.: -0.003 min
Response: 1646226
Conc: 21.09 ug/ml



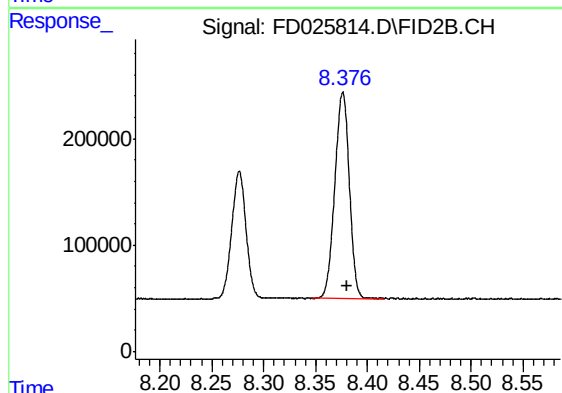
#5 Acenaphthylene (C15.06)

R.T.: 8.081 min
Delta R.T.: -0.004 min
Response: 1799138
Conc: 20.67 ug/ml



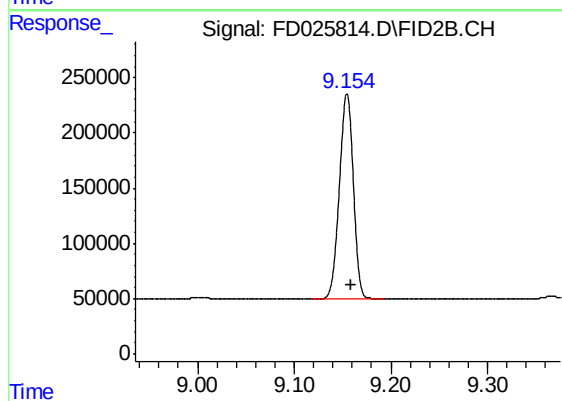
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.277 min
Delta R.T.: -0.004 min
Response: 1146423
Conc: 20.81 ug/ml



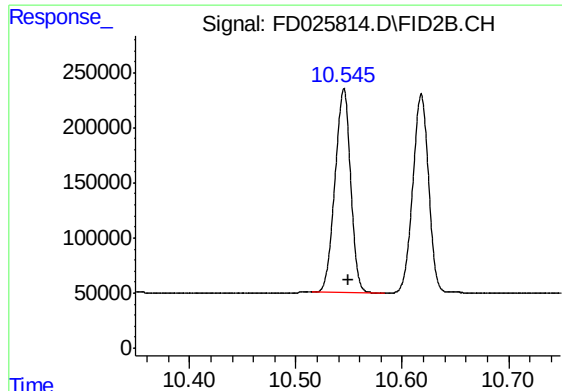
#7 Acenaphthene (C15.5)

R.T.: 8.376 min
Delta R.T.: -0.004 min
Response: 1886633
Conc: 20.76 ug/ml



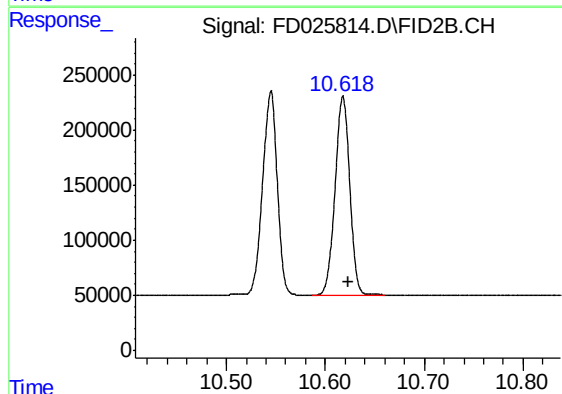
#8 Flouorene (C16.55)

R.T.: 9.155 min
Delta R.T.: -0.004 min
Response: 1874209
Conc: 20.86 ug/ml



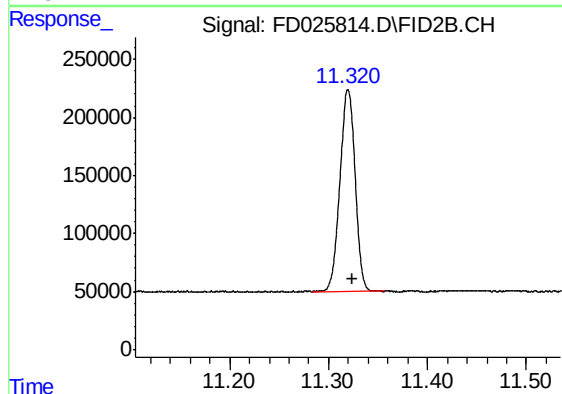
#9 Phenanthrene (C19.36)

R.T.: 10.545 min
Delta R.T.: -0.005 min
Response: 1894165
Conc: 20.34 ug/ml



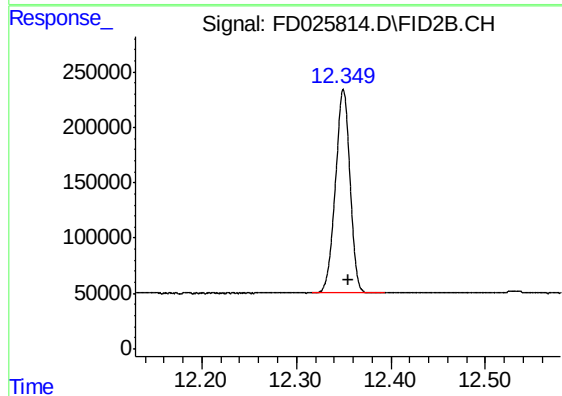
#10 Anthracene (C19.43)

R.T.: 10.618 min
Delta R.T.: -0.005 min
Response: 1854693
Conc: 20.26 ug/ml



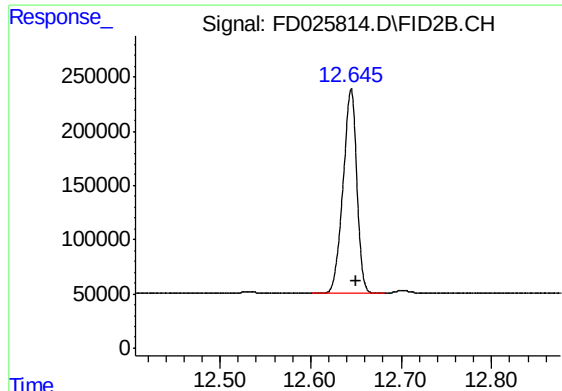
#11 ortho-Terphenyl (SURR)

R.T.: 11.320 min
Delta R.T.: -0.005 min
Response: 1857799
Conc: 21.60 ug/ml



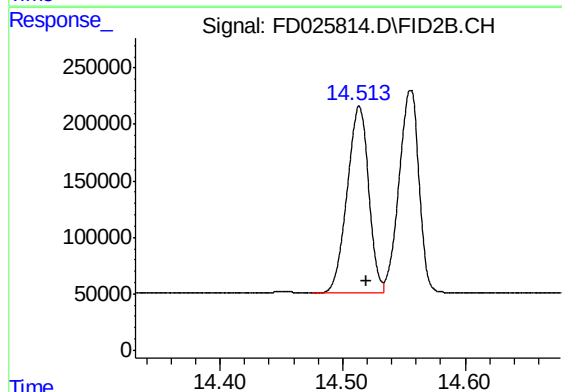
#12 Fluoranthene (C21.85)

R.T.: 12.350 min
Delta R.T.: -0.006 min
Response: 1977002
Conc: 20.17 ug/ml



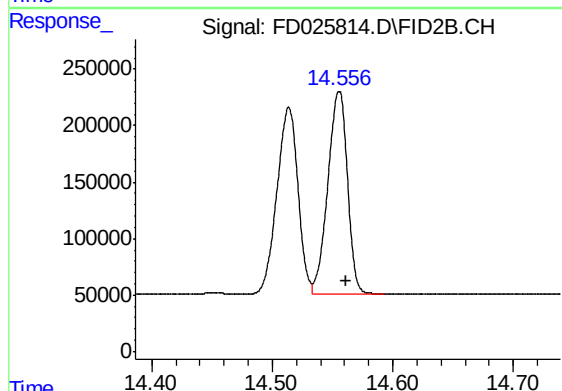
#13 Pyrene (C20.8)

R.T.: 12.645 min
Delta R.T.: -0.006 min
Response: 1996583
Conc: 20.05 ug/ml



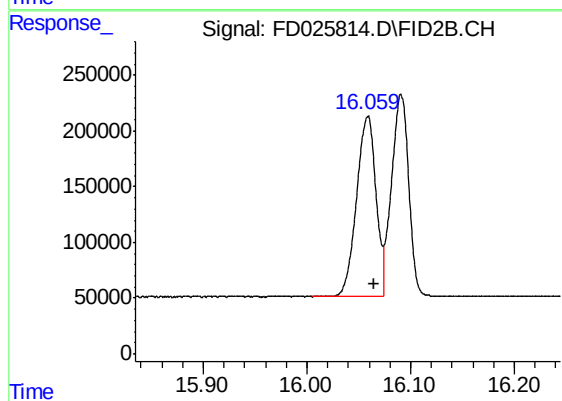
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.514 min
Delta R.T.: -0.006 min
Response: 2014981
Conc: 20.85 ug/ml



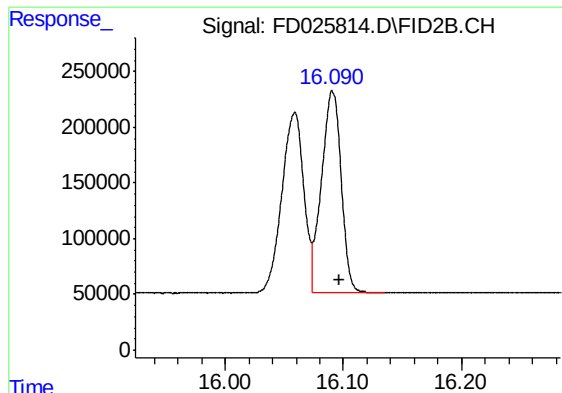
#15 Chrysene (C27.41)

R.T.: 14.556 min
Delta R.T.: -0.006 min
Response: 2027116
Conc: 20.84 ug/ml



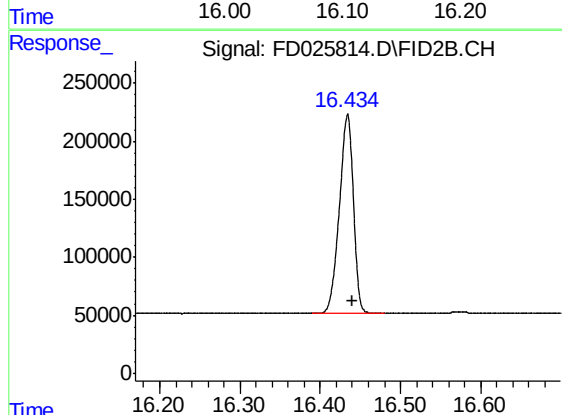
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.059 min
Delta R.T.: -0.006 min
Response: 2103021
Conc: 21.41 ug/ml



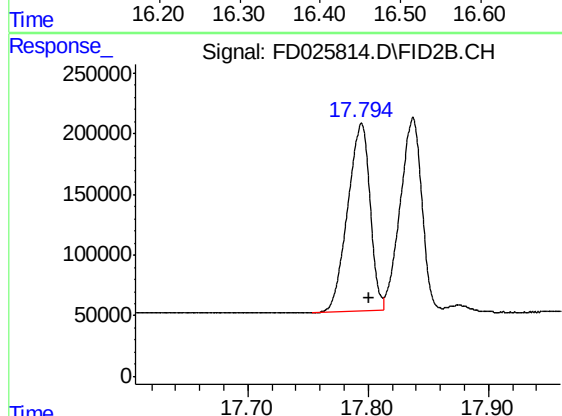
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.091 min
Delta R.T.: -0.006 min
Response: 2107453
Conc: 21.62 ug/ml



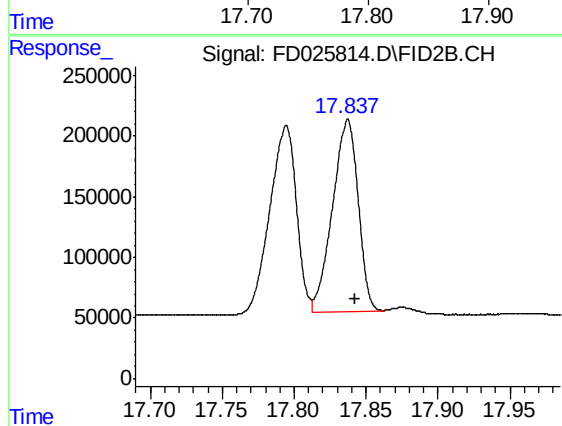
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.434 min
Delta R.T.: -0.006 min
Response: 2085141
Conc: 21.35 ug/ml



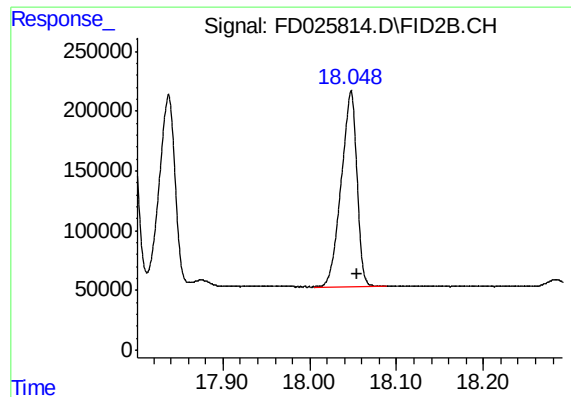
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.795 min
Delta R.T.: -0.006 min
Response: 1994490
Conc: 21.04 ug/ml



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

R.T.: 17.837 min
Delta R.T.: -0.005 min
Response: 1957459
Conc: 21.14 ug/ml



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

R.T.: 18.048 min
Delta R.T.: -0.006 min
Response: 2053245
Conc: 21.34 ug/ml