

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071718AR\
 Data File : FD025105.D
 Signal(s) : FID2B.CH
 Acq On : 18 Jul 2018 13:02
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 18 14:12:42 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...	7.472	1809514	19.781 ug/ml
Spiked Amount 50.000		Recovery =	39.56%
6) S 2-Fluorobiphenyl (SURR)	8.326	1165529	18.377 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.75%
11) S ortho-Terphenyl (SURR)	11.375	1828244	18.218 ug/ml
Spiked Amount 50.000		Recovery =	36.44%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.266	2104868	22.648 ug/ml
2) T Naphthalene (C11.7)	5.804	2170958	21.394 ug/ml
3) T 2-Methylnaphthalene (...)	6.857	2058820	20.249 ug/ml
5) T Acenaphthylene (C15.06)	8.130	1855846	18.587 ug/ml
7) T Acenaphthene (C15.5)	8.426	1927546	18.452 ug/ml
8) T Fluorene (C16.55)	9.207	1870116	17.898 ug/ml
9) T Phenanthrene (C19.36)	10.600	1873749	18.224 ug/ml
10) T Anthracene (C19.43)	10.674	1853255	18.178 ug/ml
12) T Fluoranthene (C21.85)	12.409	2022694	20.285 ug/ml
13) T Pyrene (C20.8)	12.705	2053098	20.647 ug/ml
14) T Benzo[a]anthracene (C...	14.578	2096464	22.331 ug/ml
15) T Chrysene (C27.41)	14.619	2107370	22.276 ug/ml
16) T benzo[b]fluoranthene ...	16.128	2173971	21.023 ug/ml
17) T Bnezo[k]fluoranthene ...	16.159	2184105	20.698 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.503	2160141	20.787 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.869	2072499	19.444 ug/ml
20) T Dibenz[a,h]anthracene...	17.910	2025125	19.363 ug/ml
21) T Benzo[g,h,i]perylene ...	18.121	2129376	20.048 ug/ml

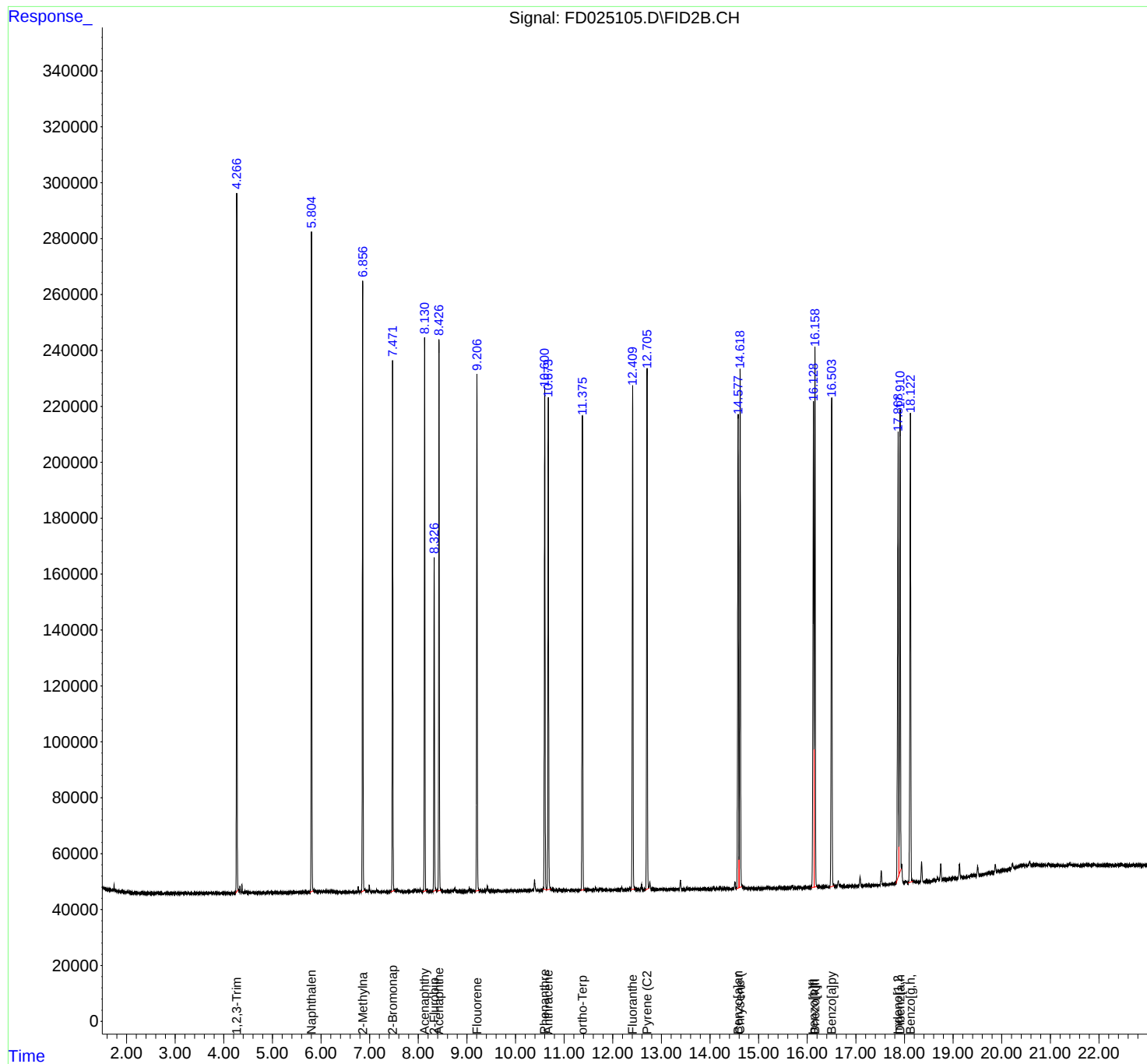
(f)=RT Delta > 1/2 Window

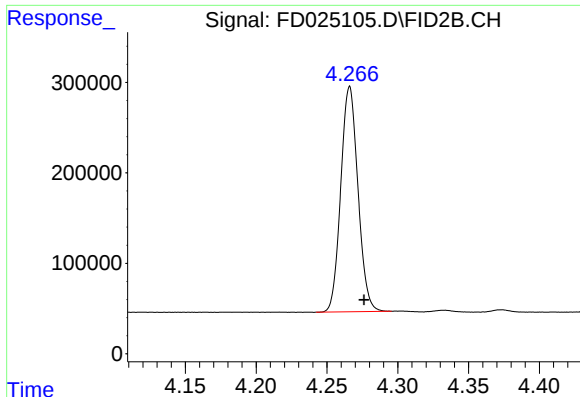
(m)=manual int.

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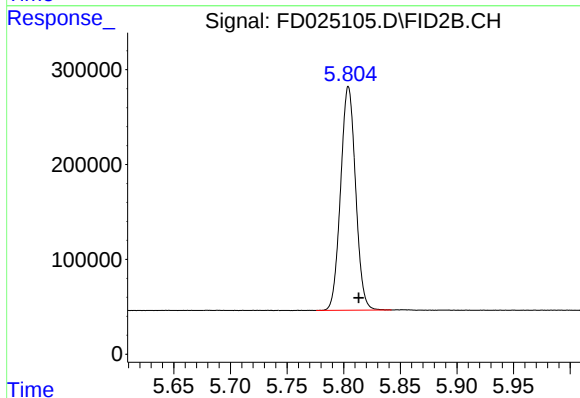
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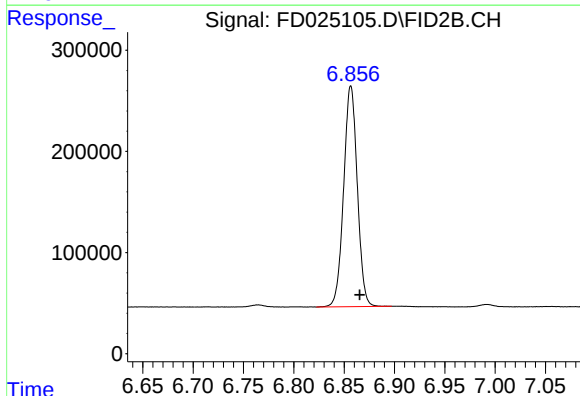
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.266 min
Delta R.T.: -0.010 min
Response: 2104868
Conc: 22.65 ug/ml



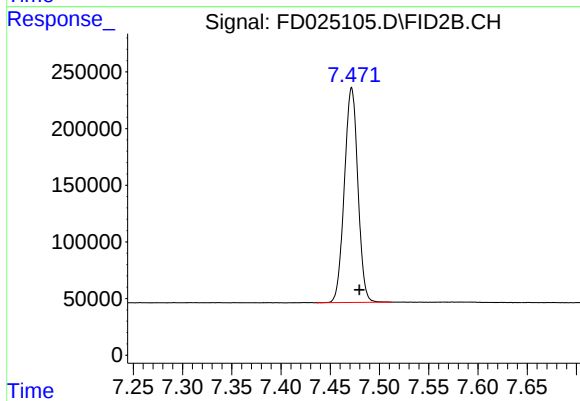
#2 Naphthalene (C11.7)

R.T.: 5.804 min
Delta R.T.: -0.009 min
Response: 2170958
Conc: 21.39 ug/ml



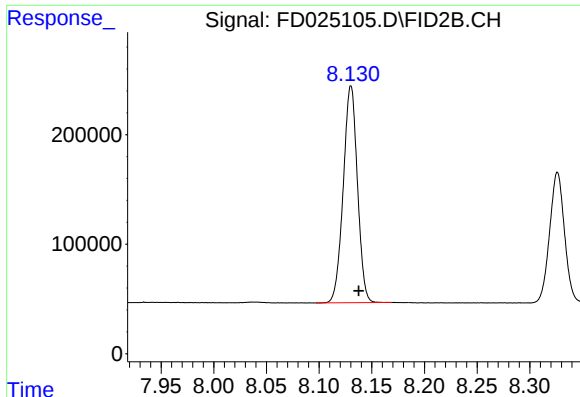
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.857 min
Delta R.T.: -0.009 min
Response: 2058820
Conc: 20.25 ug/ml



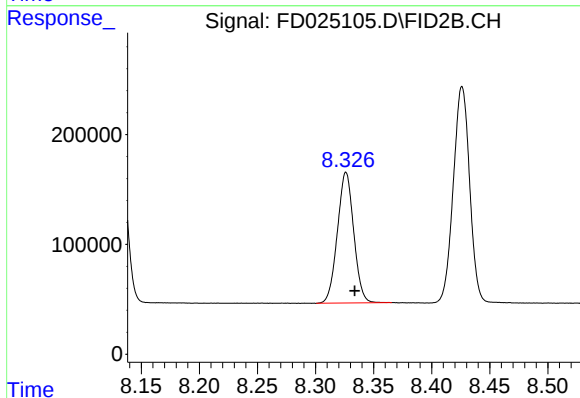
#4 2-Bromonaphthalene (SURR)

R.T.: 7.472 min
Delta R.T.: -0.008 min
Response: 1809514
Conc: 19.78 ug/ml



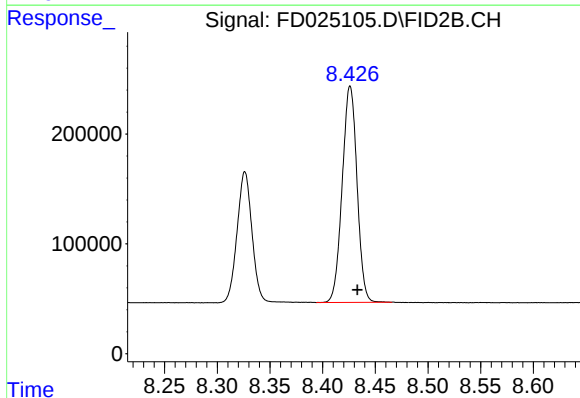
#5 Acenaphthylene (C15.06)

R.T.: 8.130 min
Delta R.T.: -0.007 min
Response: 1855846
Conc: 18.59 ug/ml



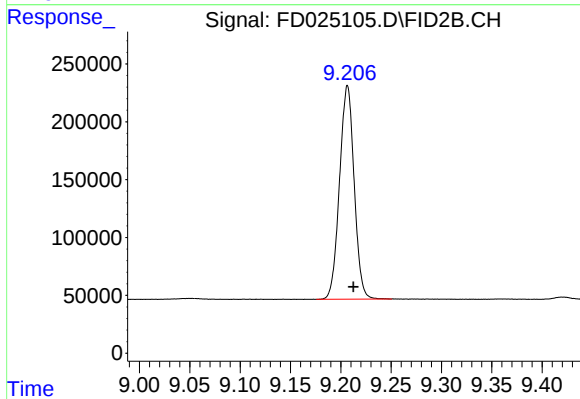
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.326 min
Delta R.T.: -0.007 min
Response: 1165529
Conc: 18.38 ug/ml



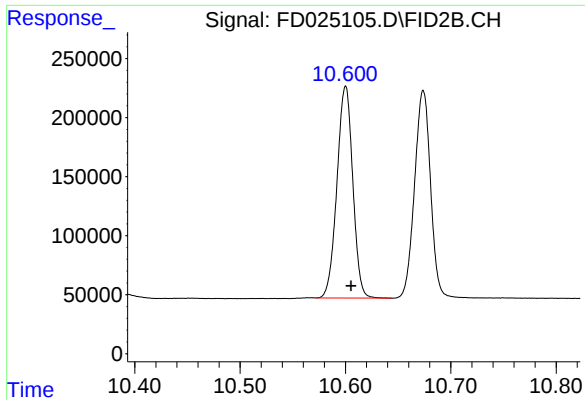
#7 Acenaphthene (C15.5)

R.T.: 8.426 min
Delta R.T.: -0.007 min
Response: 1927546
Conc: 18.45 ug/ml



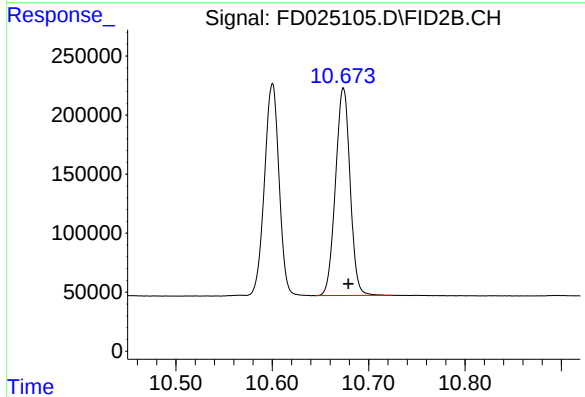
#8 Flouorene (C16.55)

R.T.: 9.207 min
Delta R.T.: -0.006 min
Response: 1870116
Conc: 17.90 ug/ml



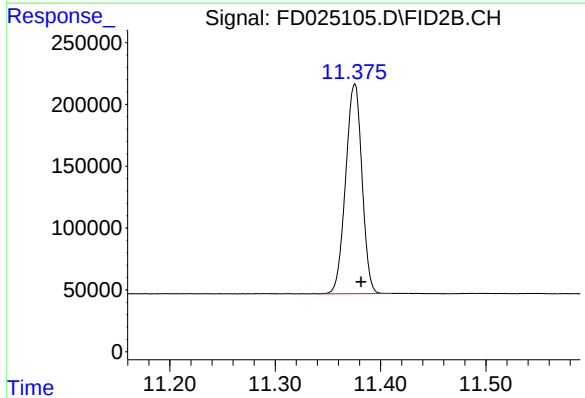
#9 Phenanthrene (C19.36)

R.T.: 10.600 min
Delta R.T.: -0.005 min
Response: 1873749
Conc: 18.22 ug/ml



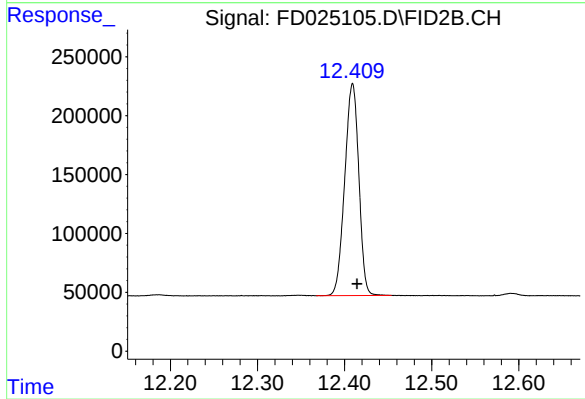
#10 Anthracene (C19.43)

R.T.: 10.674 min
Delta R.T.: -0.005 min
Response: 1853255
Conc: 18.18 ug/ml



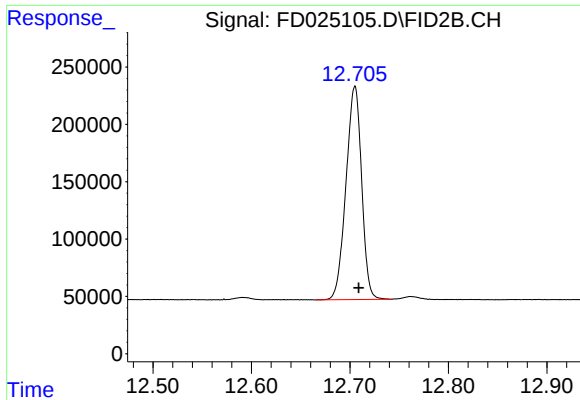
#11 ortho-Terphenyl (SURR)

R.T.: 11.375 min
Delta R.T.: -0.006 min
Response: 1828244
Conc: 18.22 ug/ml



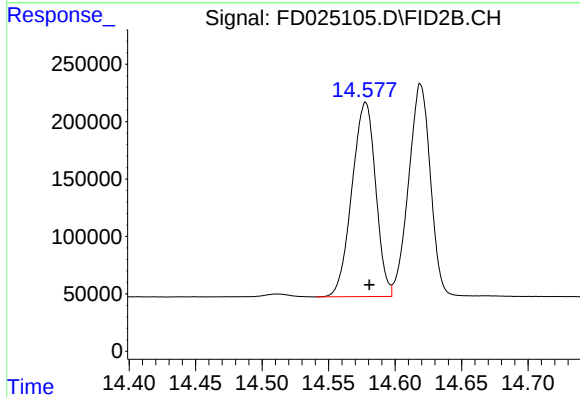
#12 Fluoranthene (C21.85)

R.T.: 12.409 min
Delta R.T.: -0.005 min
Response: 2022694
Conc: 20.29 ug/ml



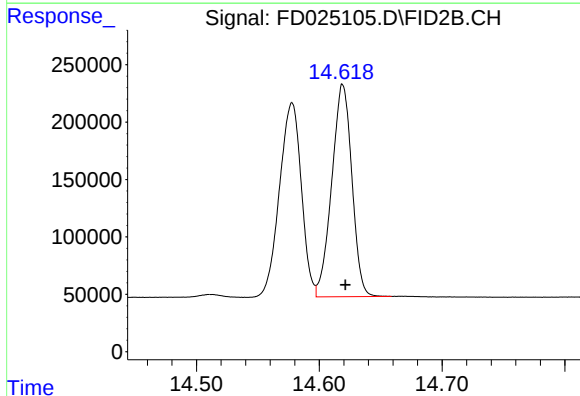
#13 Pyrene (C20.8)

R.T.: 12.705 min
Delta R.T.: -0.004 min
Response: 2053098
Conc: 20.65 ug/ml



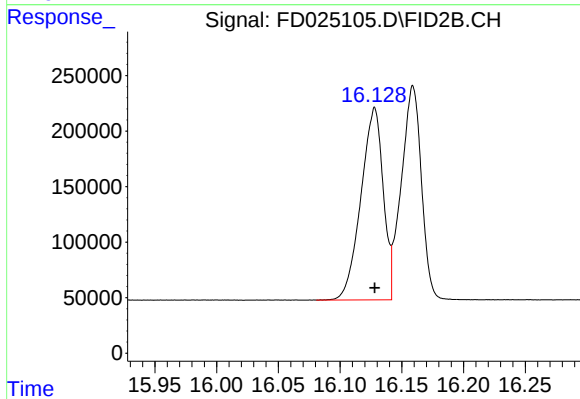
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.578 min
Delta R.T.: -0.003 min
Response: 2096464
Conc: 22.33 ug/ml



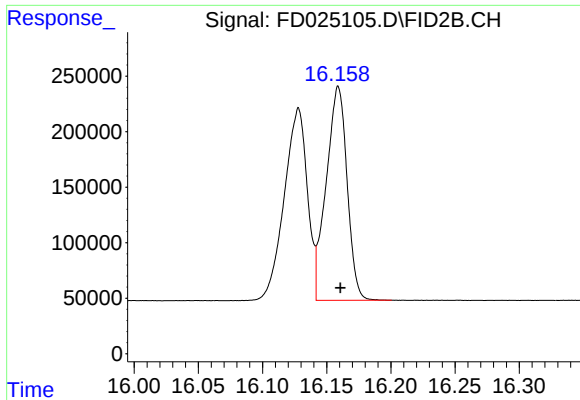
#15 Chrysene (C27.41)

R.T.: 14.619 min
Delta R.T.: -0.002 min
Response: 2107370
Conc: 22.28 ug/ml



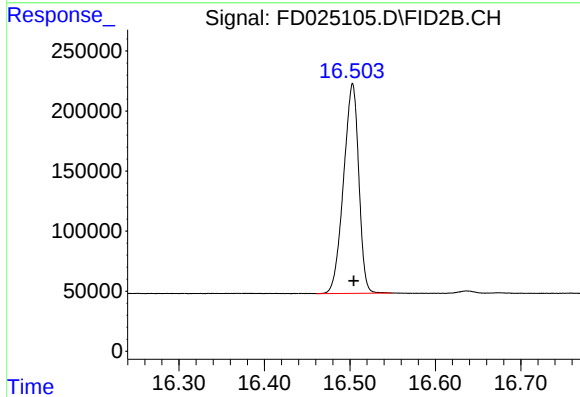
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.128 min
Delta R.T.: 0.000 min
Response: 2173971
Conc: 21.02 ug/ml



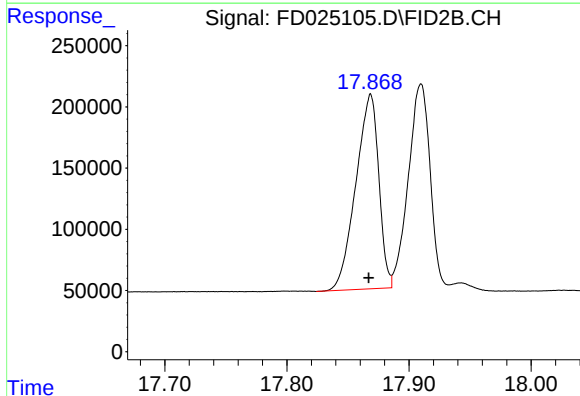
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.159 min
Delta R.T.: -0.002 min
Response: 2184105
Conc: 20.70 ug/ml



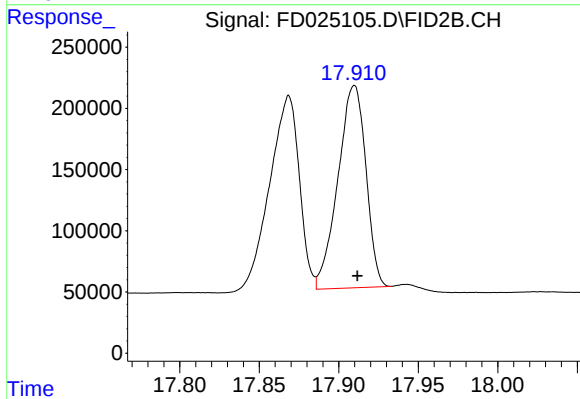
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.503 min
Delta R.T.: -0.001 min
Response: 2160141
Conc: 20.79 ug/ml



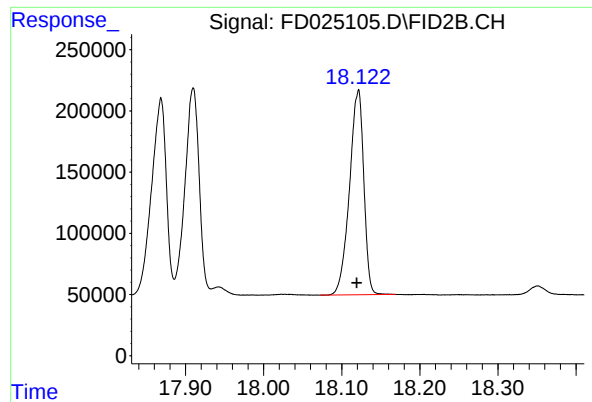
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.869 min
Delta R.T.: 0.002 min
Response: 2072499
Conc: 19.44 ug/ml



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

R.T.: 17.910 min
Delta R.T.: -0.002 min
Response: 2025125
Conc: 19.36 ug/ml



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

R.T.: 18.121 min
Delta R.T.: 0.002 min
Response: 2129376
Conc: 20.05 ug/ml