

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD073118AR\
 Data File : FD025271.D
 Signal(s) : FID2B.CH
 Acq On : 31 Jul 2018 17:04
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 01 08:24:45 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 072018.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 21 00:37:31 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...	7.442	1710347	22.156 ug/ml
Spiked Amount 50.000		Recovery =	44.31%
6) S 2-Fluorobiphenyl (SURR)	8.296	1169515	21.751 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.50%
11) S ortho-Terphenyl (SURR)	11.339	1797893	21.186 ug/ml
Spiked Amount 50.000		Recovery =	42.37%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.242	1782697	22.825 ug/mlm
2) T Naphthalene (C11.7)	5.778	1950473	22.640 ug/ml
3) T 2-Methylnaphthalene (...)	6.829	1927044	22.413 ug/ml
5) T Acenaphthylene (C15.06)	8.099	1860009	21.898 ug/ml
7) T Acenaphthene (C15.5)	8.395	1939462	21.782 ug/ml
8) T Flouorene (C16.55)	9.174	1902250	21.359 ug/ml
9) T Phenanthrene (C19.36)	10.563	1850277	20.659 ug/mlm
10) T Anthracene (C19.43)	10.638	1824344	20.718 ug/ml
12) T Fluoranthene (C21.85)	12.370	1823428	20.754 ug/ml
13) T Pyrene (C20.8)	12.664	1825084	20.768 ug/ml
14) T Benzo[a]anthracene (C...	14.534	1790451	21.468 ug/ml
15) T Chrysene (C27.41)	14.575	1807792	21.460 ug/ml
16) T benzo[b]fluoranthene ...	16.077	1891934	21.029 ug/ml
17) T Bnezo[k]fluoranthene ...	16.111	1894532	21.042 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.454	1899742	20.639 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.816	1903403	20.175 ug/mlm
20) T Dibenz[a,h]anthracene...	17.858	1880123	20.545 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.070	1929312	19.916 ug/ml

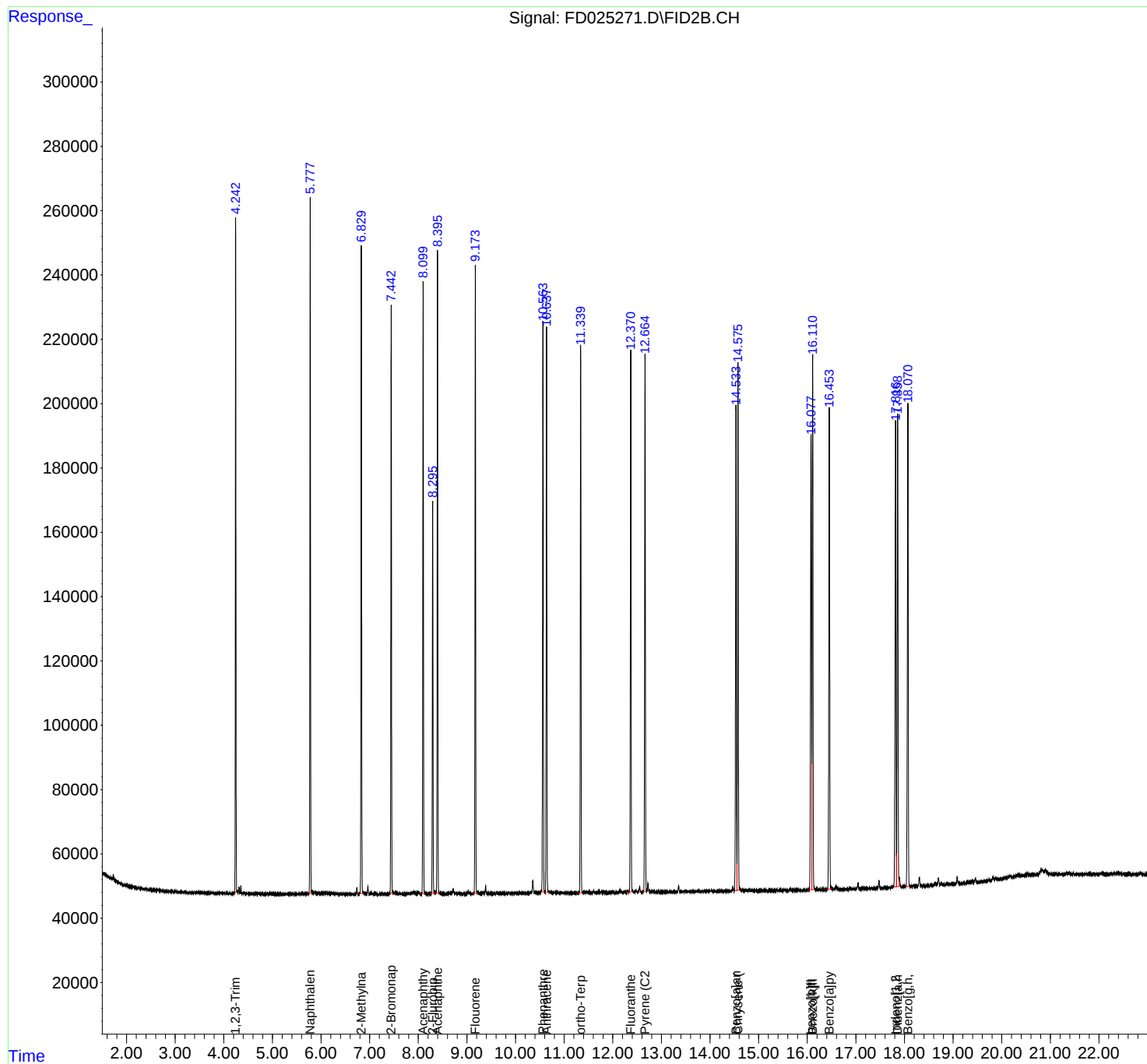
(f)=RT Delta > 1/2 Window

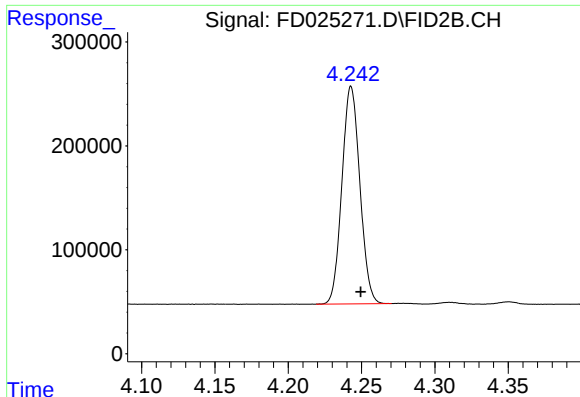
(m)=manual int.

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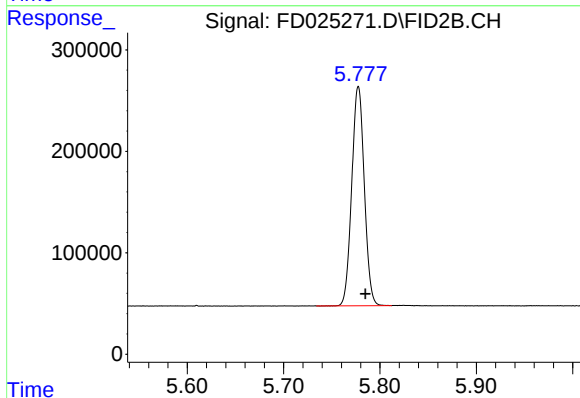
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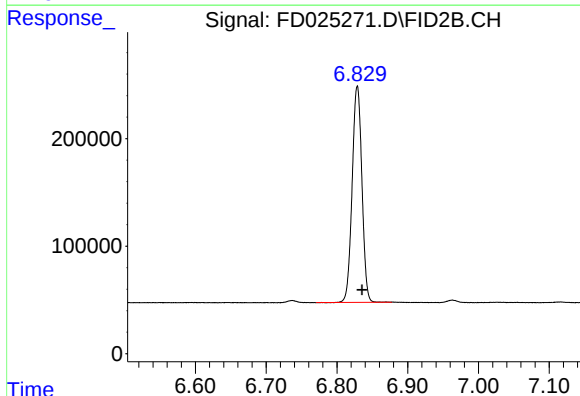
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.242 min
Delta R.T.: -0.007 min
Response: 1782697
Conc: 22.82 ug/ml m



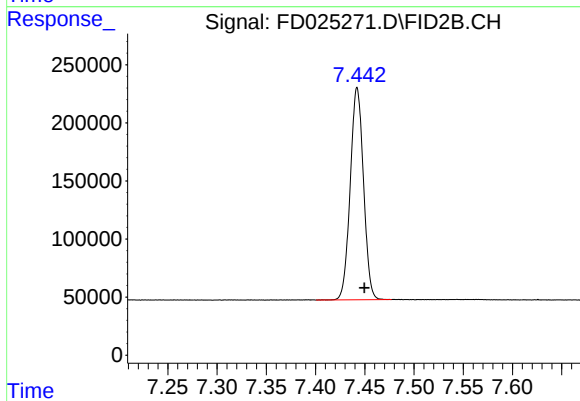
#2 Naphthalene (C11.7)

R.T.: 5.778 min
Delta R.T.: -0.007 min
Response: 1950473
Conc: 22.64 ug/ml



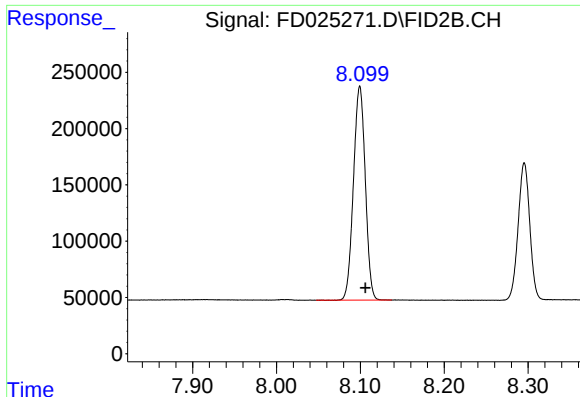
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.829 min
Delta R.T.: -0.007 min
Response: 1927044
Conc: 22.41 ug/ml



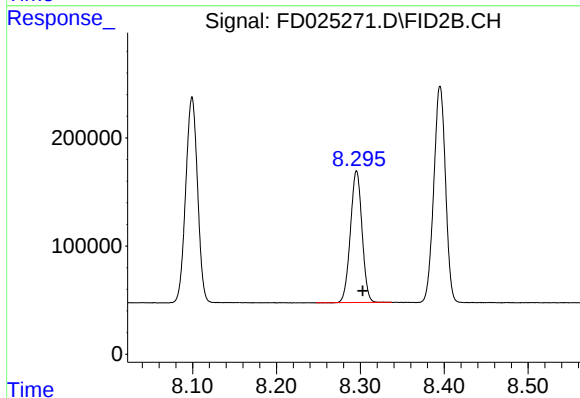
#4 2-Bromonaphthalene (SURR)

R.T.: 7.442 min
Delta R.T.: -0.007 min
Response: 1710347
Conc: 22.16 ug/ml



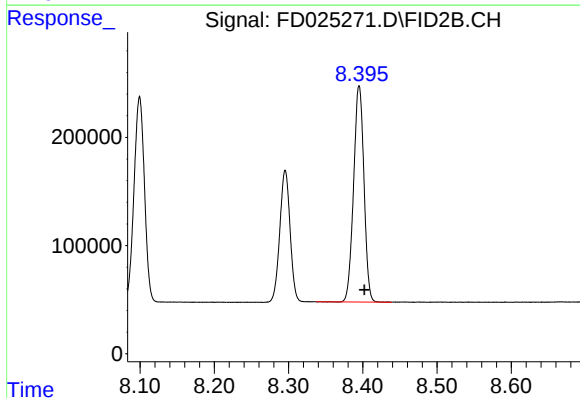
#5 Acenaphthylene (C15.06)

R.T.: 8.099 min
Delta R.T.: -0.007 min
Response: 1860009
Conc: 21.90 ug/ml



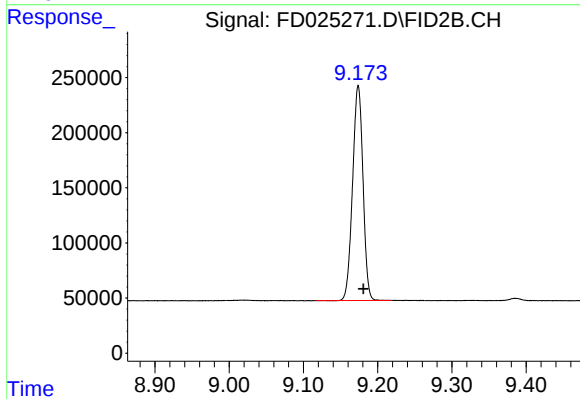
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.296 min
Delta R.T.: -0.007 min
Response: 1169515
Conc: 21.75 ug/ml



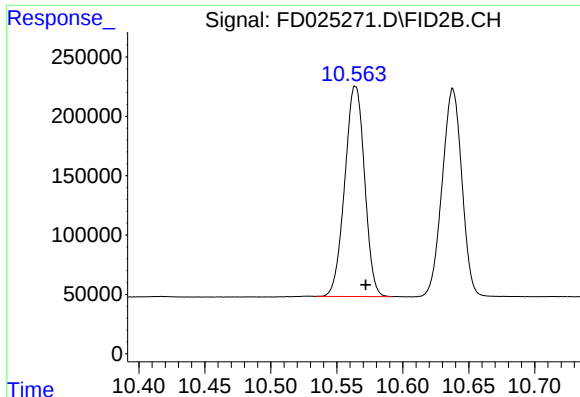
#7 Acenaphthene (C15.5)

R.T.: 8.395 min
Delta R.T.: -0.007 min
Response: 1939462
Conc: 21.78 ug/ml



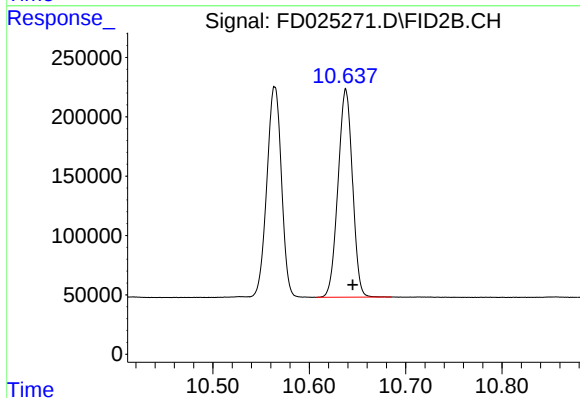
#8 Fluorene (C16.55)

R.T.: 9.174 min
Delta R.T.: -0.007 min
Response: 1902250
Conc: 21.36 ug/ml



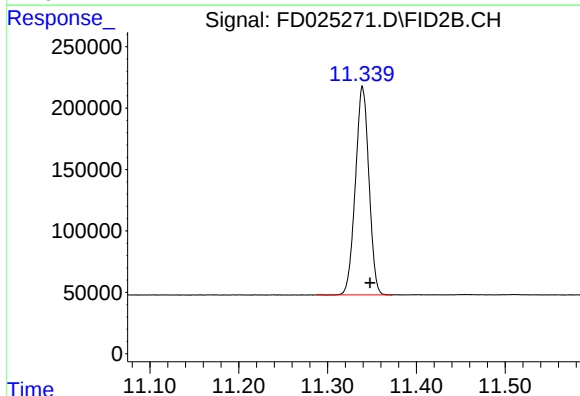
#9 Phenanthrene (C19.36)

R.T.: 10.563 min
Delta R.T.: -0.009 min
Response: 1850277
Conc: 20.66 ug/ml m



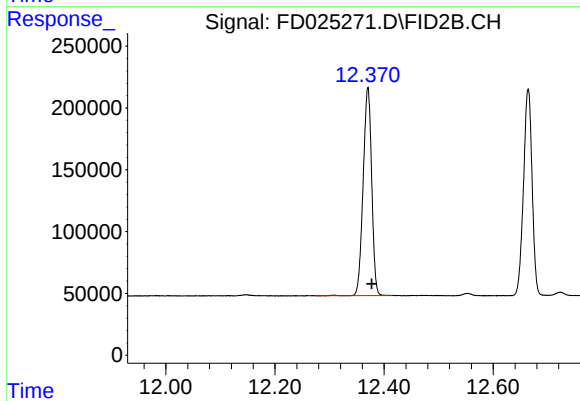
#10 Anthracene (C19.43)

R.T.: 10.638 min
Delta R.T.: -0.007 min
Response: 1824344
Conc: 20.72 ug/ml



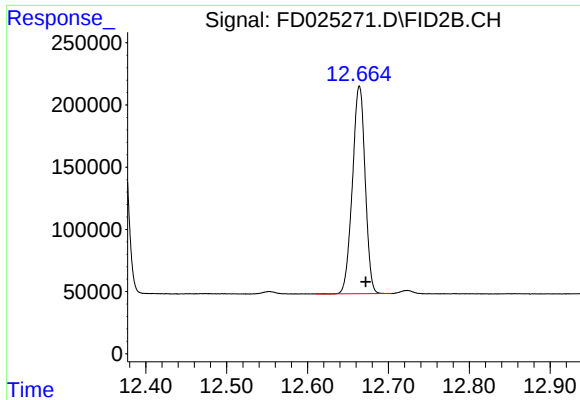
#11 ortho-Terphenyl (SURR)

R.T.: 11.339 min
Delta R.T.: -0.008 min
Response: 1797893
Conc: 21.19 ug/ml



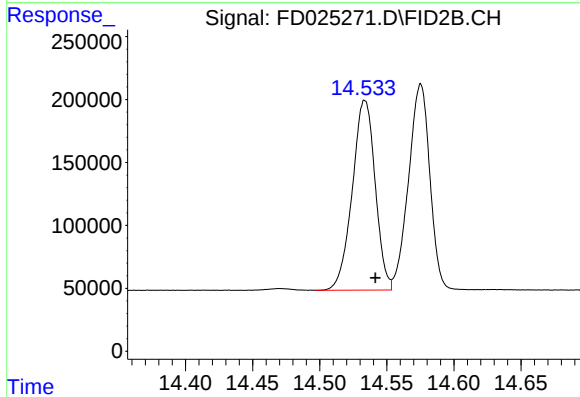
#12 Fluoranthene (C21.85)

R.T.: 12.370 min
Delta R.T.: -0.007 min
Response: 1823428
Conc: 20.75 ug/ml



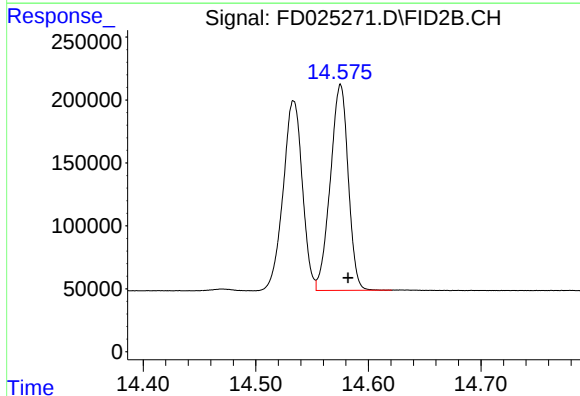
#13 Pyrene (C20.8)

R.T.: 12.664 min
Delta R.T.: -0.008 min
Response: 1825084
Conc: 20.77 ug/ml



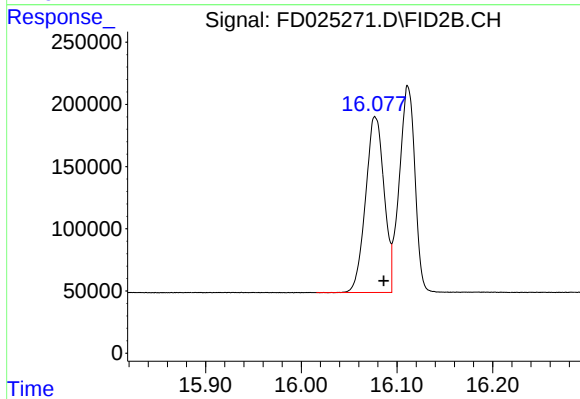
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.534 min
Delta R.T.: -0.008 min
Response: 1790451
Conc: 21.47 ug/ml



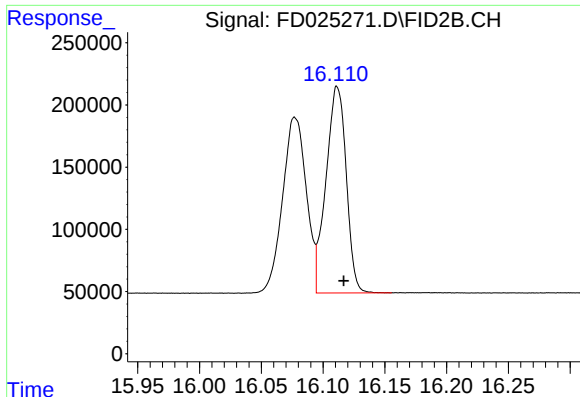
#15 Chrysene (C27.41)

R.T.: 14.575 min
Delta R.T.: -0.007 min
Response: 1807792
Conc: 21.46 ug/ml



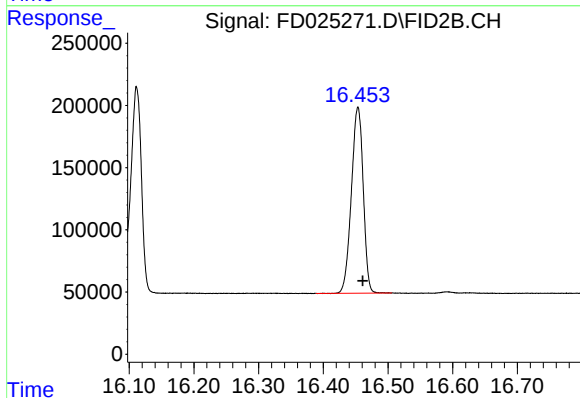
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.077 min
Delta R.T.: -0.009 min
Response: 1891934
Conc: 21.03 ug/ml



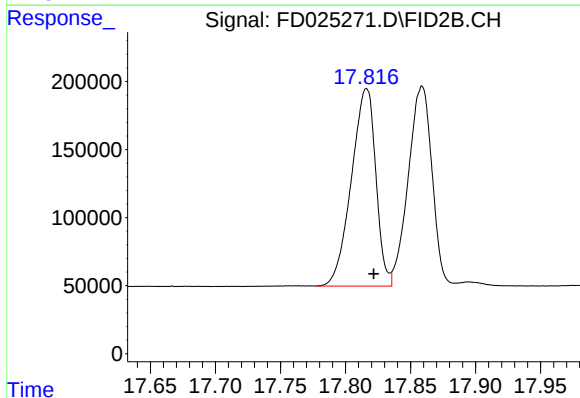
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.111 min
Delta R.T.: -0.005 min
Response: 1894532
Conc: 21.04 ug/ml



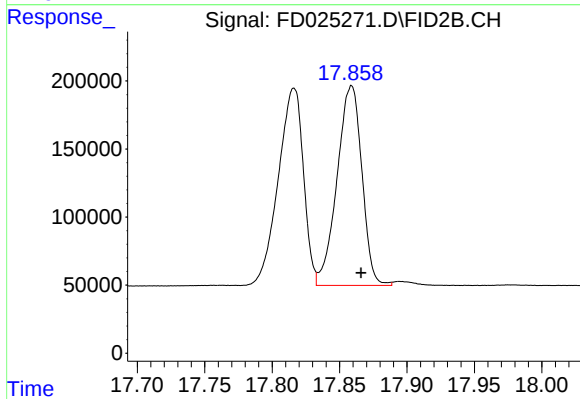
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.454 min
Delta R.T.: -0.007 min
Response: 1899742
Conc: 20.64 ug/ml



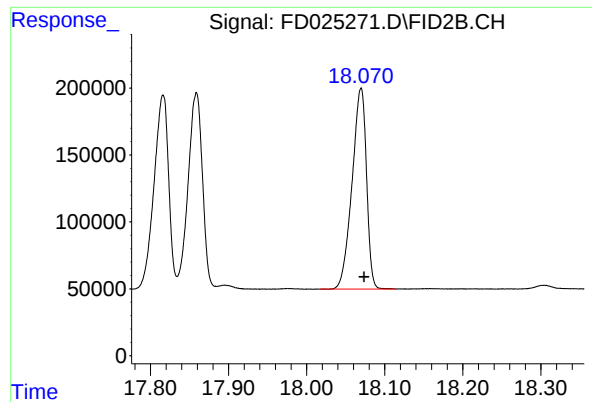
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.816 min
Delta R.T.: -0.006 min
Response: 1903403
Conc: 20.17 ug/ml m



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

R.T.: 17.858 min
Delta R.T.: -0.008 min
Response: 1880123
Conc: 20.54 ug/ml m



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

R.T.: 18.070 min
Delta R.T.: -0.004 min
Response: 1929312
Conc: 19.92 ug/ml