

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102720AR\
 Data File : FD035176.D
 Signal(s) : FID2B.CH
 Acq On : 27 Oct 2020 23:41
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 28 01:34:17 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102220.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 23 08:22:01 2020
 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...	7.646	2421452	21.007 ug/ml
Spiked Amount 50.000		Recovery =	42.01%
6) S 2-Fluorobiphenyl (SURR)	8.510	1661054	20.895 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.79%
11) S ortho-Terphenyl (SURR)	11.548	2747416	20.843 ug/ml
Spiked Amount 50.000		Recovery =	41.69%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.443	2719899	20.914 ug/ml
2) T Naphthalene (C11.7)	5.983	2860656	21.035 ug/ml
3) T 2-Methylnaphthalene (...)	7.036	2854805	20.947 ug/ml
5) T Acenaphthylene (C15.06)	8.311	2702191	20.319 ug/ml
7) T Acenaphthene (C15.5)	8.607	2821895	20.860 ug/ml
8) T Fluorene (C16.55)	9.388	2712382	20.907 ug/ml
9) T Phenanthrene (C19.36)	10.785	2655457	20.952 ug/ml
10) T Anthracene (C19.43)	10.860	2610337	20.424 ug/ml
12) T Fluoranthene (C21.85)	12.597	2615521	20.995 ug/ml
13) T Pyrene (C20.8)	12.893	2515102	20.579 ug/ml
14) T Benzo[a]anthracene (C...	14.765	2241802	21.149 ug/ml
15) T Chrysene (C27.41)	14.807	2429772	20.764 ug/ml
16) T benzo[b]fluoranthene ...	16.316	2169336	21.136 ug/ml
17) T Bnezo[k]fluoranthene ...	16.347	2185833	20.843 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.695	1965443	20.752 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.059	1934855	21.816 ug/ml
20) T Dibenz[a,h]anthracene...	18.097	2153804	21.243 ug/ml
21) T Benzo[g,h,i]perylene ...	18.312	2046307	21.415 ug/ml

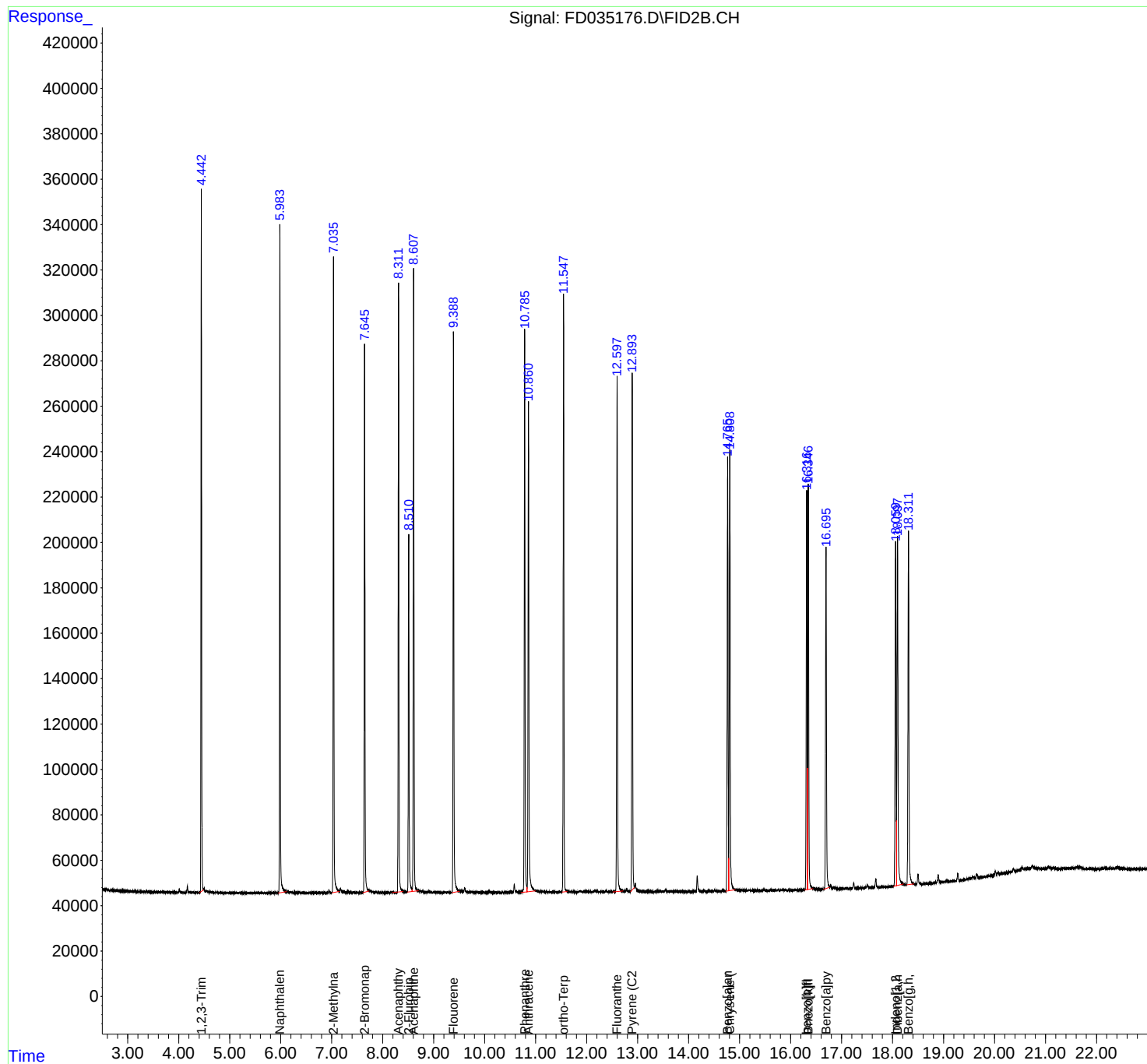
(f)=RT Delta > 1/2 Window

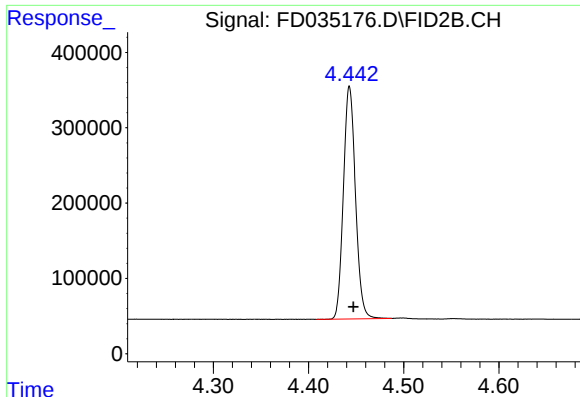
(m)=manual int.

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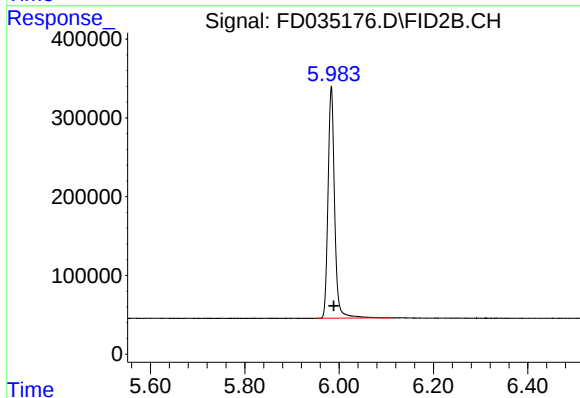
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





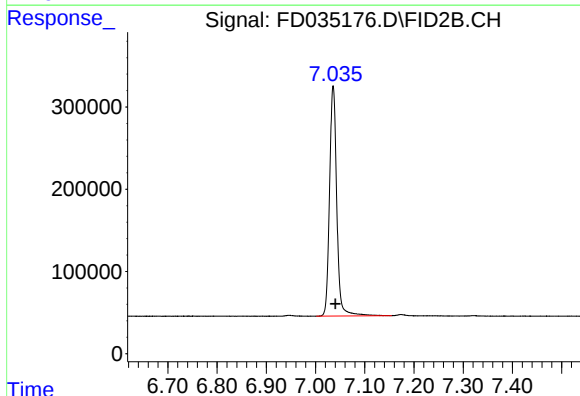
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.443 min
Delta R.T.: -0.004 min
Response: 2719899
Conc: 20.91 ug/ml



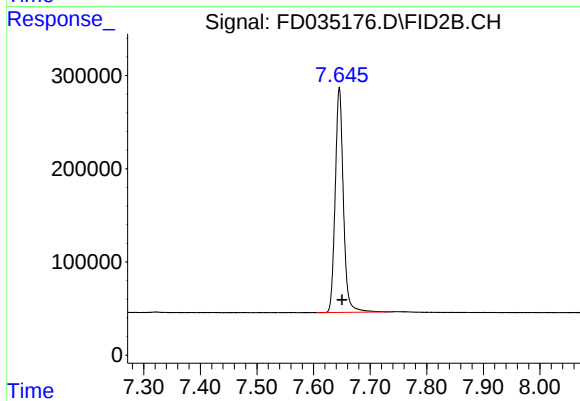
#2 Naphthalene (C11.7)

R.T.: 5.983 min
Delta R.T.: -0.005 min
Response: 2860656
Conc: 21.03 ug/ml



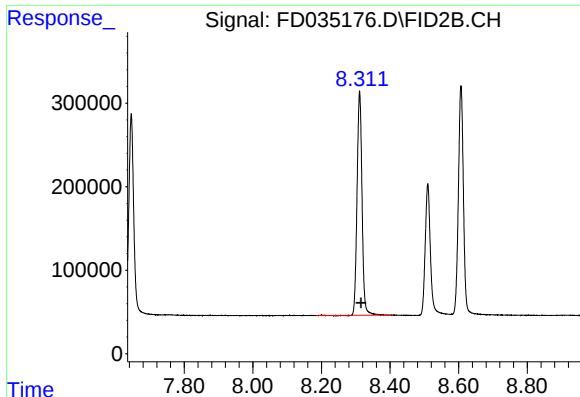
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.036 min
Delta R.T.: -0.004 min
Response: 2854805
Conc: 20.95 ug/ml



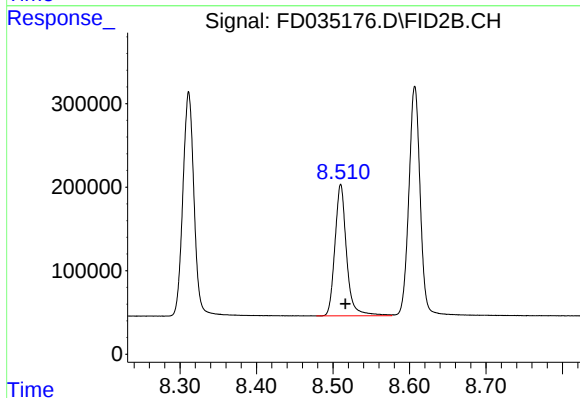
#4 2-Bromonaphthalene (SURR)

R.T.: 7.646 min
Delta R.T.: -0.005 min
Response: 2421452
Conc: 21.01 ug/ml



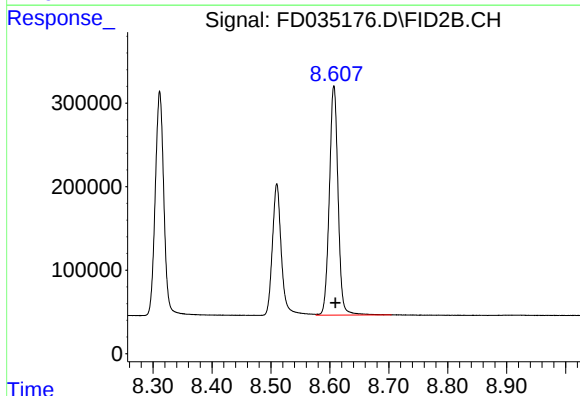
#5 Acenaphthylene (C15.06)

R.T.: 8.311 min
Delta R.T.: -0.004 min
Response: 2702191
Conc: 20.32 ug/ml



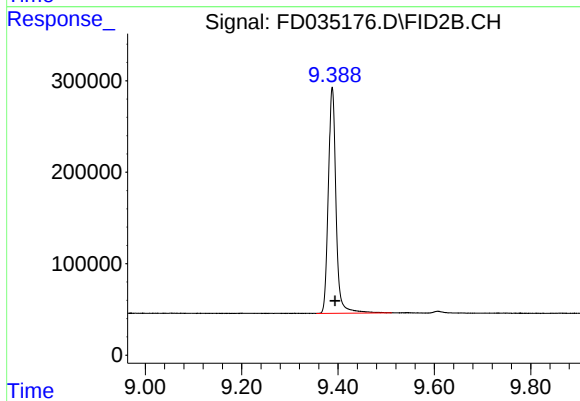
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.510 min
Delta R.T.: -0.006 min
Response: 1661054
Conc: 20.89 ug/ml



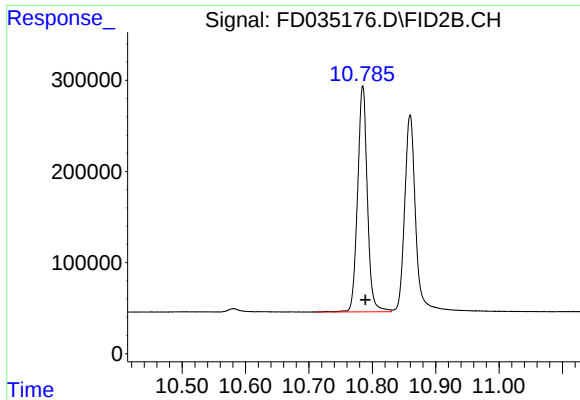
#7 Acenaphthene (C15.5)

R.T.: 8.607 min
Delta R.T.: -0.002 min
Response: 2821895
Conc: 20.86 ug/ml



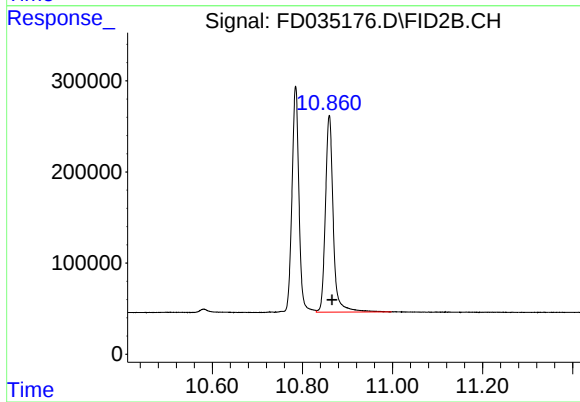
#8 Fluorene (C16.55)

R.T.: 9.388 min
Delta R.T.: -0.006 min
Response: 2712382
Conc: 20.91 ug/ml



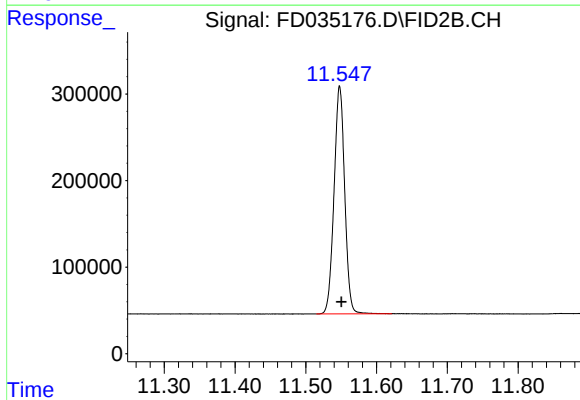
#9 Phenanthrene (C19.36)

R.T.: 10.785 min
Delta R.T.: -0.005 min
Response: 2655457
Conc: 20.95 ug/ml



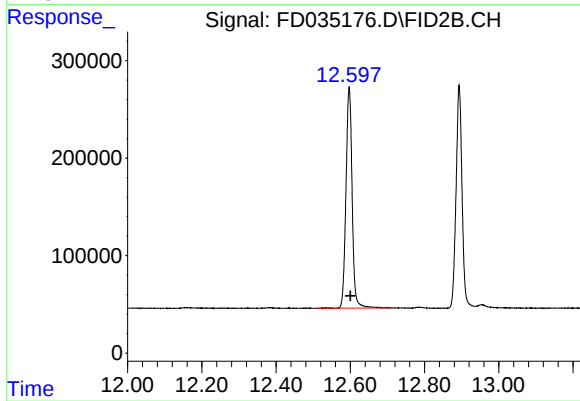
#10 Anthracene (C19.43)

R.T.: 10.860 min
Delta R.T.: -0.006 min
Response: 2610337
Conc: 20.42 ug/ml



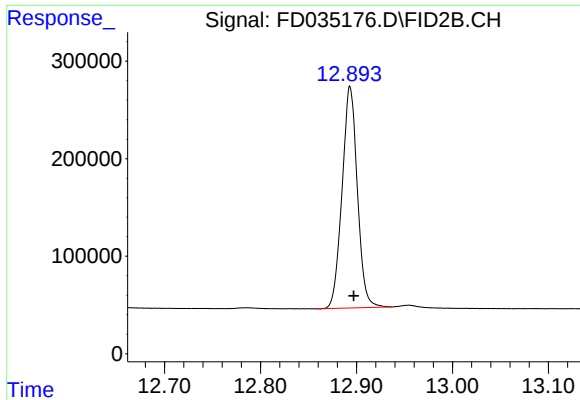
#11 ortho-Terphenyl (SURR)

R.T.: 11.548 min
Delta R.T.: -0.003 min
Response: 2747416
Conc: 20.84 ug/ml



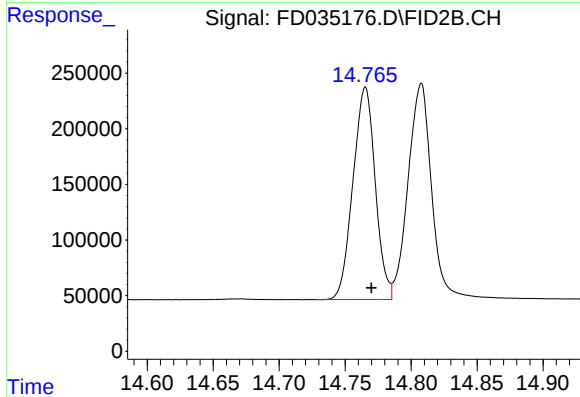
#12 Fluoranthene (C21.85)

R.T.: 12.597 min
Delta R.T.: -0.004 min
Response: 2615521
Conc: 21.00 ug/ml



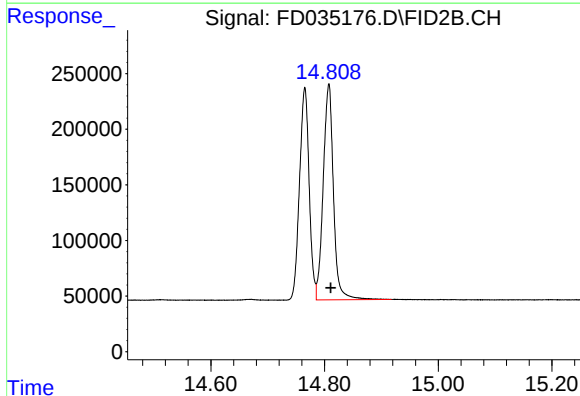
#13 Pyrene (C20.8)

R.T.: 12.893 min
Delta R.T.: -0.004 min
Response: 2515102
Conc: 20.58 ug/ml



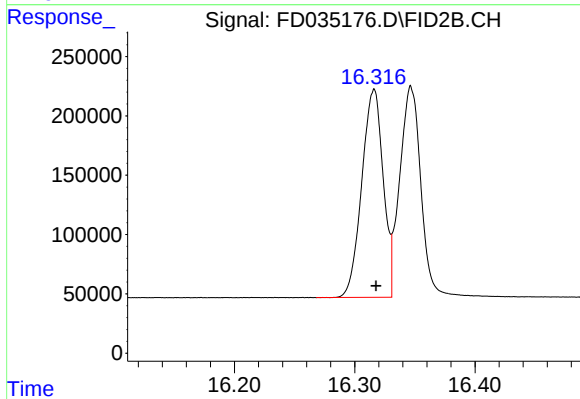
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.765 min
Delta R.T.: -0.005 min
Response: 2241802
Conc: 21.15 ug/ml



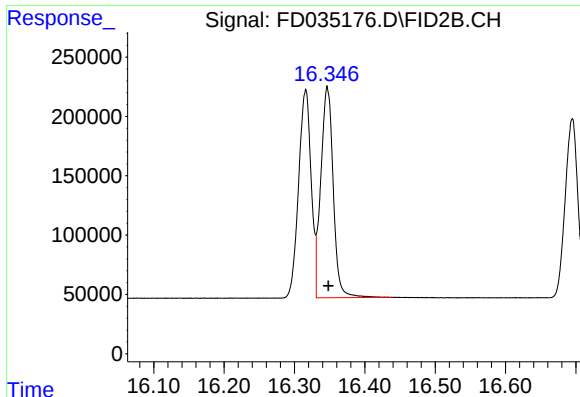
#15 Chrysene (C27.41)

R.T.: 14.807 min
Delta R.T.: -0.004 min
Response: 2429772
Conc: 20.76 ug/ml



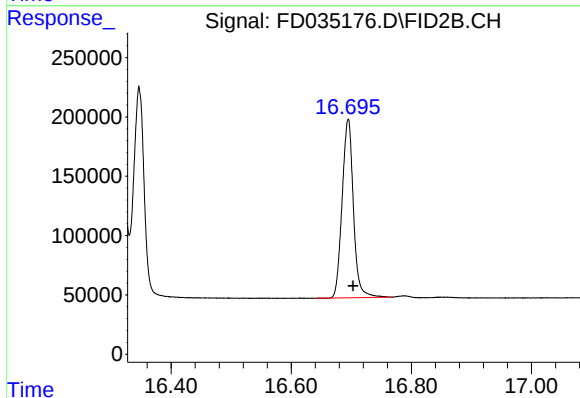
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.316 min
Delta R.T.: -0.002 min
Response: 2169336
Conc: 21.14 ug/ml



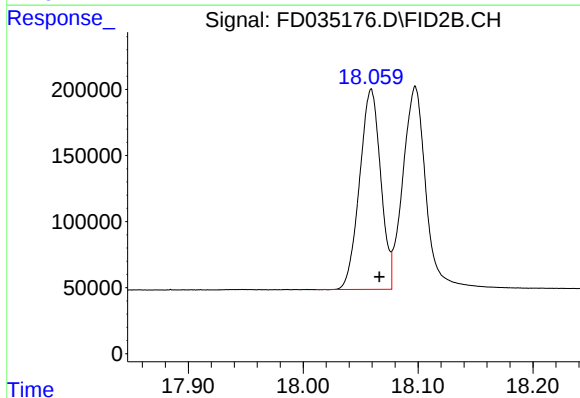
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.347 min
Delta R.T.: -0.001 min
Response: 2185833
Conc: 20.84 ug/ml



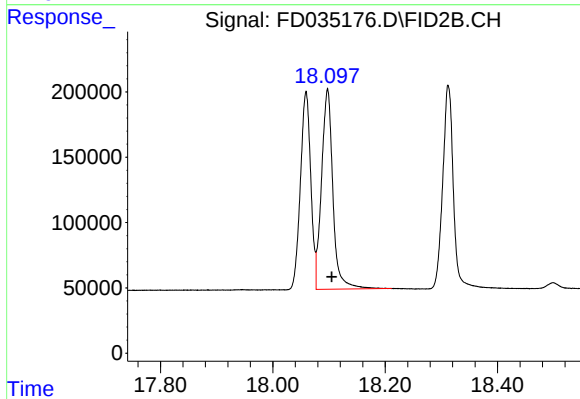
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.695 min
Delta R.T.: -0.008 min
Response: 1965443
Conc: 20.75 ug/ml



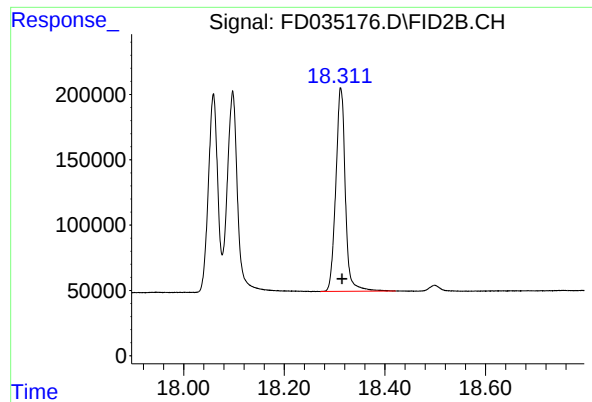
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.059 min
Delta R.T.: -0.007 min
Response: 1934855
Conc: 21.82 ug/ml



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

R.T.: 18.097 min
Delta R.T.: -0.007 min
Response: 2153804
Conc: 21.24 ug/ml



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

R.T.: 18.312 min
Delta R.T.: -0.002 min
Response: 2046307
Conc: 21.42 ug/ml