

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121919AR\
 Data File : FD031836.D
 Signal(s) : FID2B.CH
 Acq On : 19 Dec 2019 11:12
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 20 00:21:38 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 120519.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 06 03:00:09 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...	7.642	2633431	21.290 ug/ml
Spiked Amount 50.000		Recovery =	42.58%
6) S 2-Fluorobiphenyl (SURR)	8.503	1802471	21.132 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.26%
11) S ortho-Terphenyl (SURR)	11.539	2761218	20.870 ug/ml
Spiked Amount 50.000		Recovery =	41.74%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.445	2768329	21.906 ug/ml
2) T Naphthalene (C11.7)	5.983	2923297	21.679 ug/ml
3) T 2-Methylnaphthalene (...)	7.033	2898838	21.540 ug/ml
5) T Acenaphthylene (C15.06)	8.307	2731668	20.957 ug/ml
7) T Acenaphthene (C15.5)	8.602	2862656	21.183 ug/ml
8) T Flouorene (C16.55)	9.381	2827709	21.023 ug/ml
9) T Phenanthrene (C19.36)	10.775	2777126	20.590 ug/ml
10) T Anthracene (C19.43)	10.849	2495664	18.709 ug/ml
12) T Fluoranthene (C21.85)	12.584	2762984	20.421 ug/ml
13) T Pyrene (C20.8)	12.881	2730216	20.370 ug/ml
14) T Benzo[a]anthracene (C...	14.791	2558515	20.083 ug/ml
15) T Chrysene (C27.41)	14.791	2558515	20.053 ug/ml
16) T benzo[b]fluoranthene ...	16.329	2484239	20.166 ug/ml
17) T Bnezo[k]fluoranthene ...	16.329	2484239	20.434 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.674	2457122	20.500 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.075	2422123	21.069 ug/ml
20) T Dibenz[a,h]anthracene...	18.075	2422123	21.457 ug/ml
21) T Benzo[g,h,i]perylene ...	18.290	2418610	21.344 ug/ml

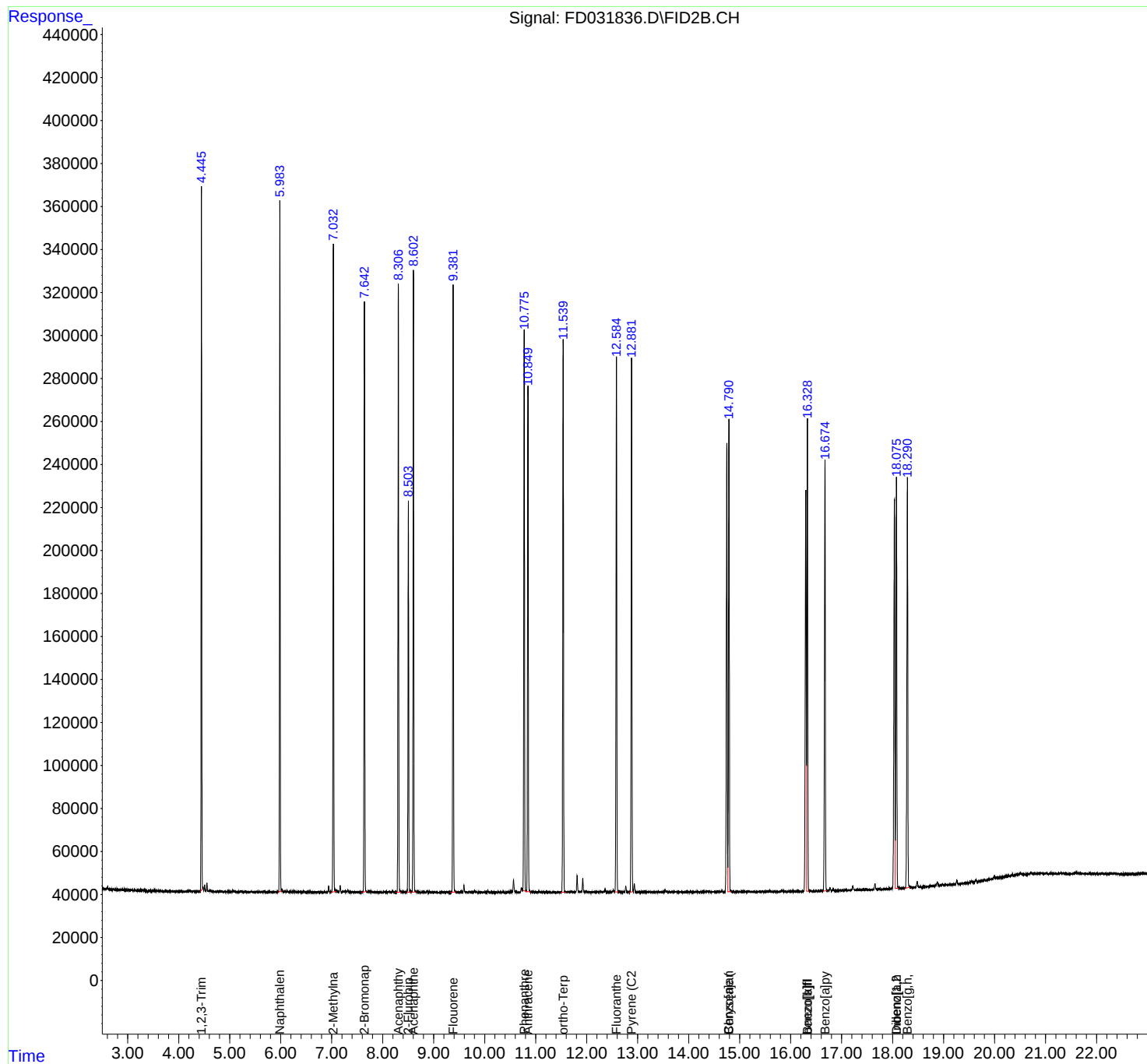
(f)=RT Delta > 1/2 Window

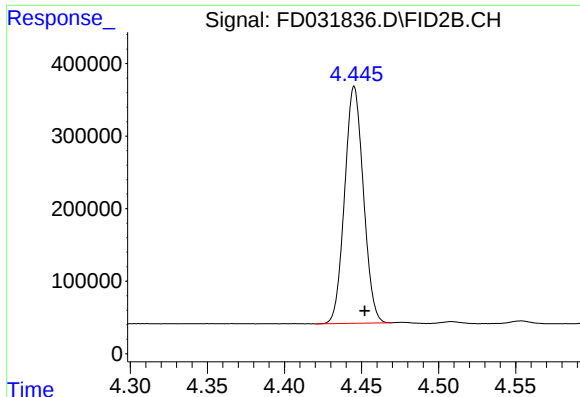
(m)=manual int.

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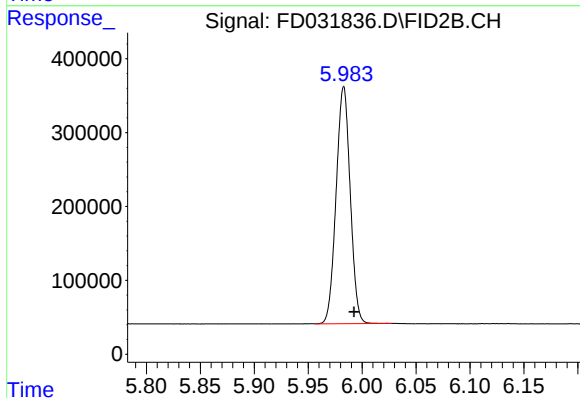
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





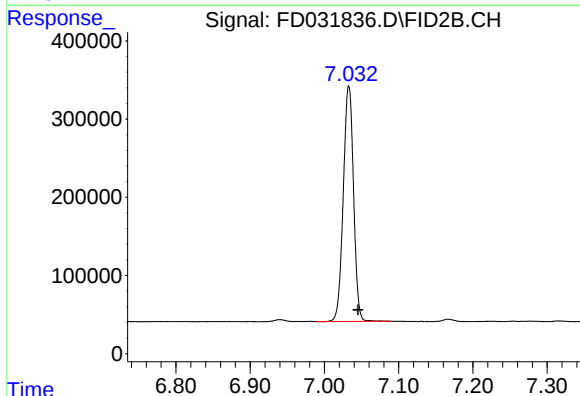
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.445 min
Delta R.T.: -0.007 min
Response: 2768329
Conc: 21.91 ug/ml



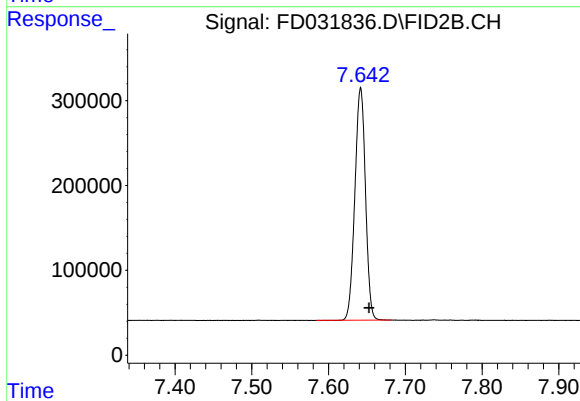
#2 Naphthalene (C11.7)

R.T.: 5.983 min
Delta R.T.: -0.010 min
Response: 2923297
Conc: 21.68 ug/ml



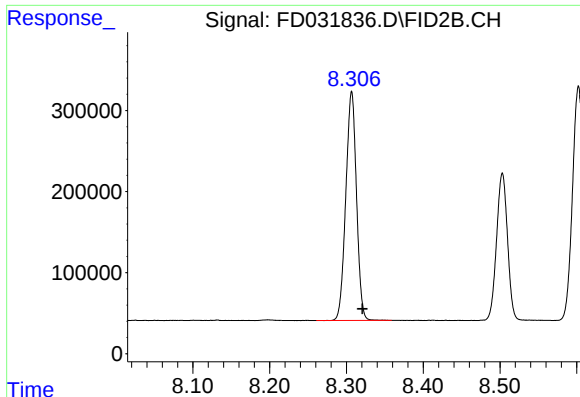
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.033 min
Delta R.T.: -0.012 min
Response: 2898838
Conc: 21.54 ug/ml



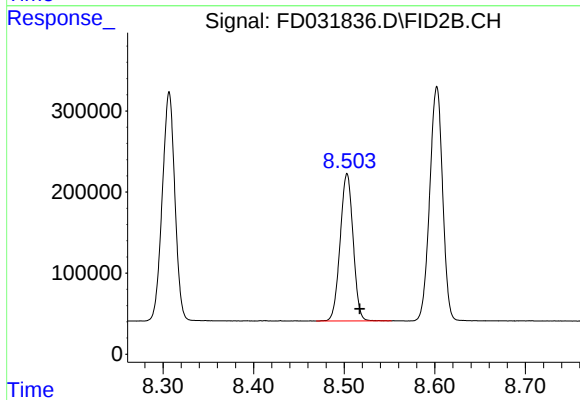
#4 2-Bromonaphthalene (SURR)

R.T.: 7.642 min
Delta R.T.: -0.011 min
Response: 2633431
Conc: 21.29 ug/ml



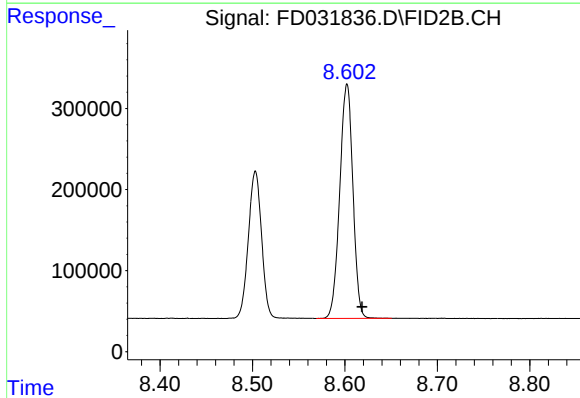
#5 Acenaphthylene (C15.06)

R.T.: 8.307 min
Delta R.T.: -0.014 min
Response: 2731668
Conc: 20.96 ug/ml



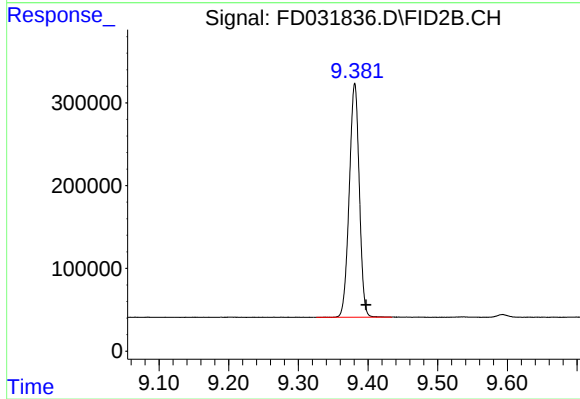
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.503 min
Delta R.T.: -0.014 min
Response: 1802471
Conc: 21.13 ug/ml



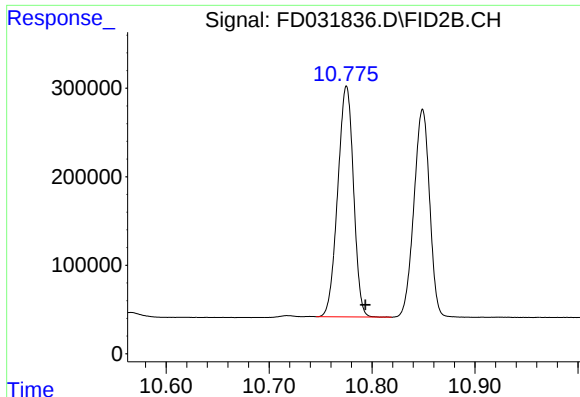
#7 Acenaphthene (C15.5)

R.T.: 8.602 min
Delta R.T.: -0.016 min
Response: 2862656
Conc: 21.18 ug/ml



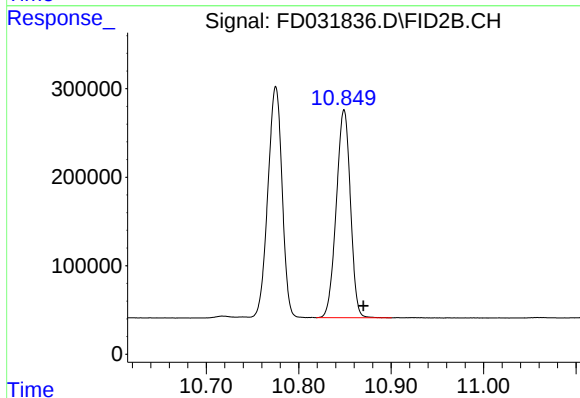
#8 Flouorene (C16.55)

R.T.: 9.381 min
Delta R.T.: -0.016 min
Response: 2827709
Conc: 21.02 ug/ml



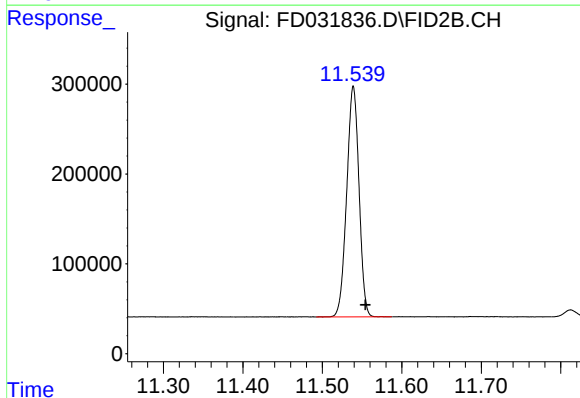
#9 Phenanthrene (C19.36)

R.T.: 10.775 min
Delta R.T.: -0.018 min
Response: 2777126
Conc: 20.59 ug/ml



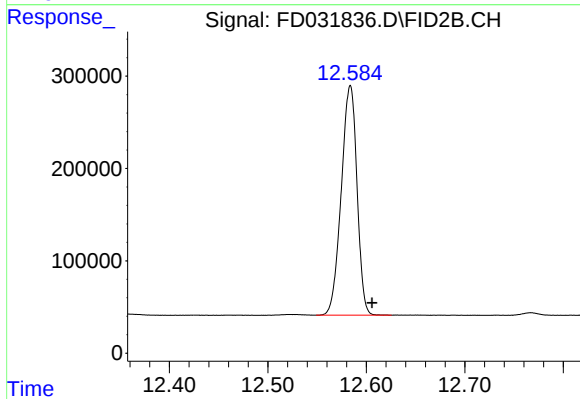
#10 Anthracene (C19.43)

R.T.: 10.849 min
Delta R.T.: -0.021 min
Response: 2495664
Conc: 18.71 ug/ml



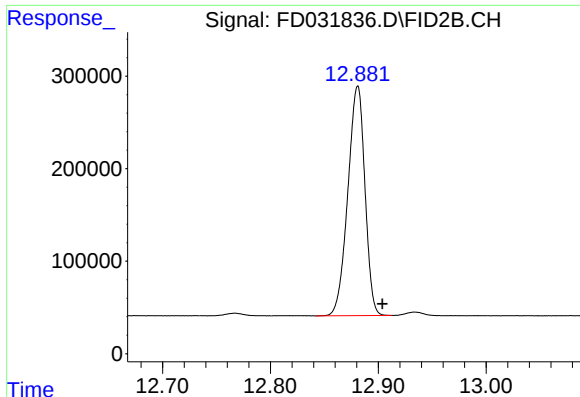
#11 ortho-Terphenyl (SURR)

R.T.: 11.539 min
Delta R.T.: -0.015 min
Response: 2761218
Conc: 20.87 ug/ml



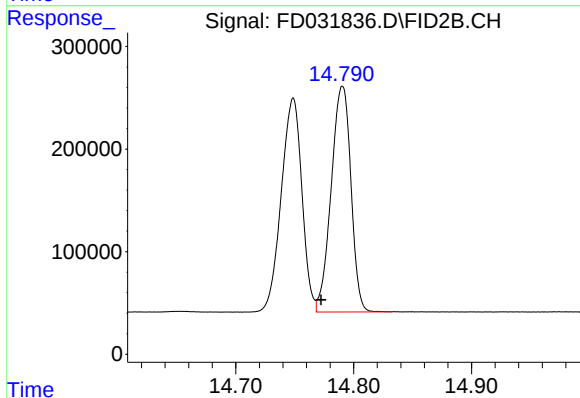
#12 Fluoranthene (C21.85)

R.T.: 12.584 min
Delta R.T.: -0.022 min
Response: 2762984
Conc: 20.42 ug/ml



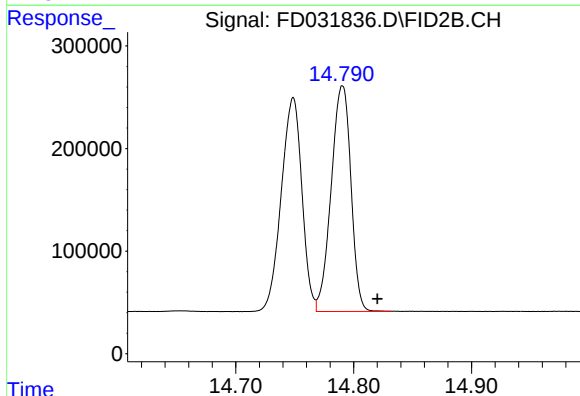
#13 Pyrene (C20.8)

R.T.: 12.881 min
Delta R.T.: -0.023 min
Response: 2730216
Conc: 20.37 ug/ml



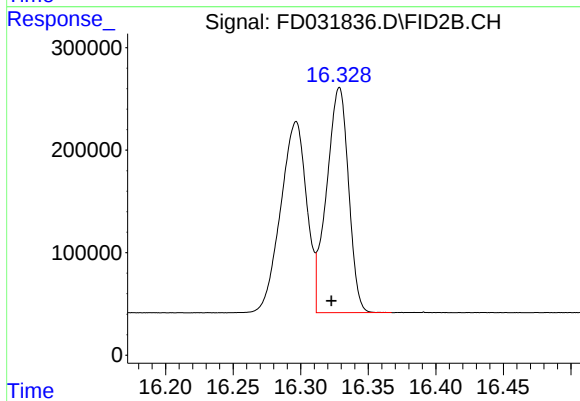
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.791 min
Delta R.T.: 0.018 min
Response: 2558515
Conc: 20.08 ug/ml



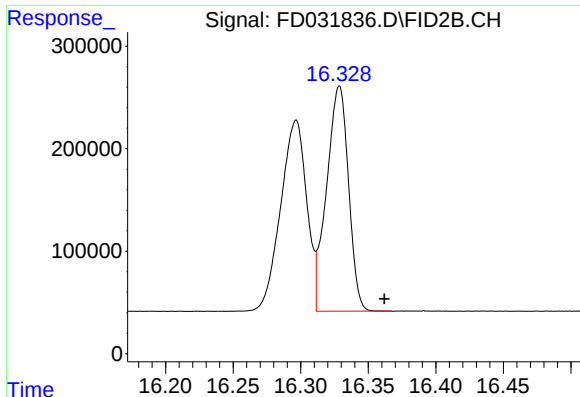
#15 Chrysene (C27.41)

R.T.: 14.791 min
Delta R.T.: -0.030 min
Response: 2558515
Conc: 20.05 ug/ml



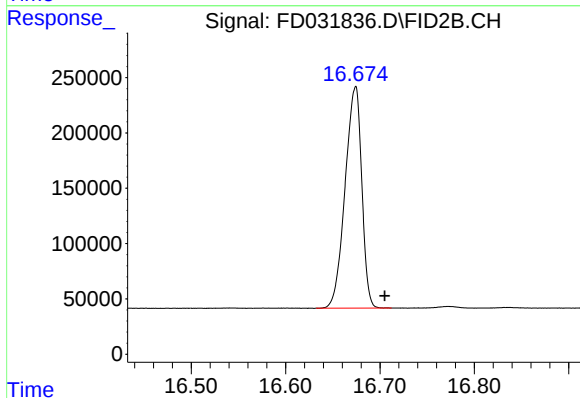
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.329 min
Delta R.T.: 0.006 min
Response: 2484239
Conc: 20.17 ug/ml



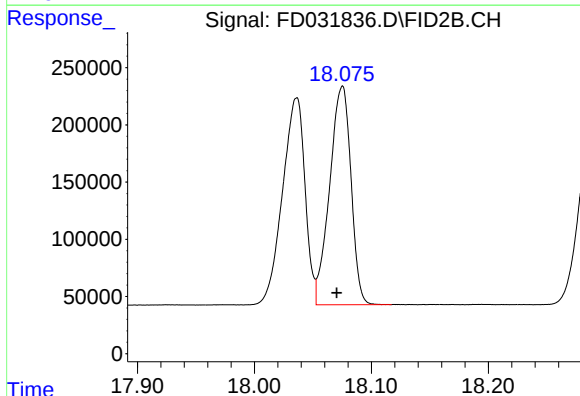
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.329 min
Delta R.T.: -0.033 min
Response: 2484239
Conc: 20.43 ug/ml



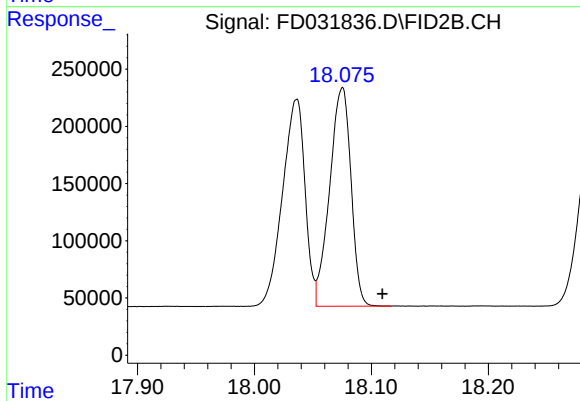
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.674 min
Delta R.T.: -0.031 min
Response: 2457122
Conc: 20.50 ug/ml



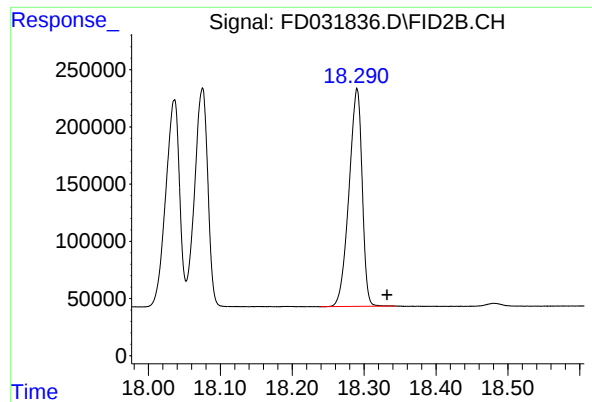
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.075 min
Delta R.T.: 0.005 min
Response: 2422123
Conc: 21.07 ug/ml



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

R.T.: 18.075 min
Delta R.T.: -0.034 min
Response: 2422123
Conc: 21.46 ug/ml



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

R.T.: 18.290 min
Delta R.T.: -0.042 min
Response: 2418610
Conc: 21.34 ug/ml