

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082819AR\
 Data File : FD030387.D
 Signal(s) : FID2B.CH
 Acq On : 29 Aug 2019 16:52
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 29 18:10:44 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 080819.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 09 05:48:54 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...	7.631	2908426	18.911 ug/ml
Spiked Amount 50.000		Recovery =	37.82%
6) S 2-Fluorobiphenyl (SURR)	8.494	1864111	17.840 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.68%
11) S ortho-Terphenyl (SURR)	11.527	2832884	17.159 ug/ml
Spiked Amount 50.000		Recovery =	34.32%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.433	3348007	20.238 ug/mlm
2) T Naphthalene (C11.7)	5.971	3385361	19.407 ug/ml
3) T 2-Methylnaphthalene (...)	7.022	3285369	19.120 ug/ml
5) T Acenaphthylene (C15.06)	8.297	2996470	18.075 ug/ml
7) T Acenaphthene (C15.5)	8.593	3112859	18.161 ug/ml
8) T Fluorene (C16.55)	9.372	2977825	17.527 ug/ml
9) T Phenanthrene (C19.36)	10.764	2746072	16.294 ug/mlm
10) T Anthracene (C19.43)	10.839	2700815	16.490 ug/ml
12) T Fluoranthene (C21.85)	12.572	2661122	16.009 ug/ml
13) T Pyrene (C20.8)	12.869	2650416	16.044 ug/ml
14) T Benzo[a]anthracene (C...	14.735	2598457	17.083 ug/mlm
15) T Chrysene (C27.41)	14.778	2638853	17.287 ug/ml
16) T benzo[b]fluoranthene ...	16.282	2662517	18.582 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.315	2680202	18.833 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.661	2687462	19.396 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.022	2649614	21.134 ug/mlm
20) T Dibenz[a,h]anthracene...	18.061	2650562	21.461 ug/ml
21) T Benzo[g,h,i]perylene ...	18.277	2666201	21.925 ug/ml

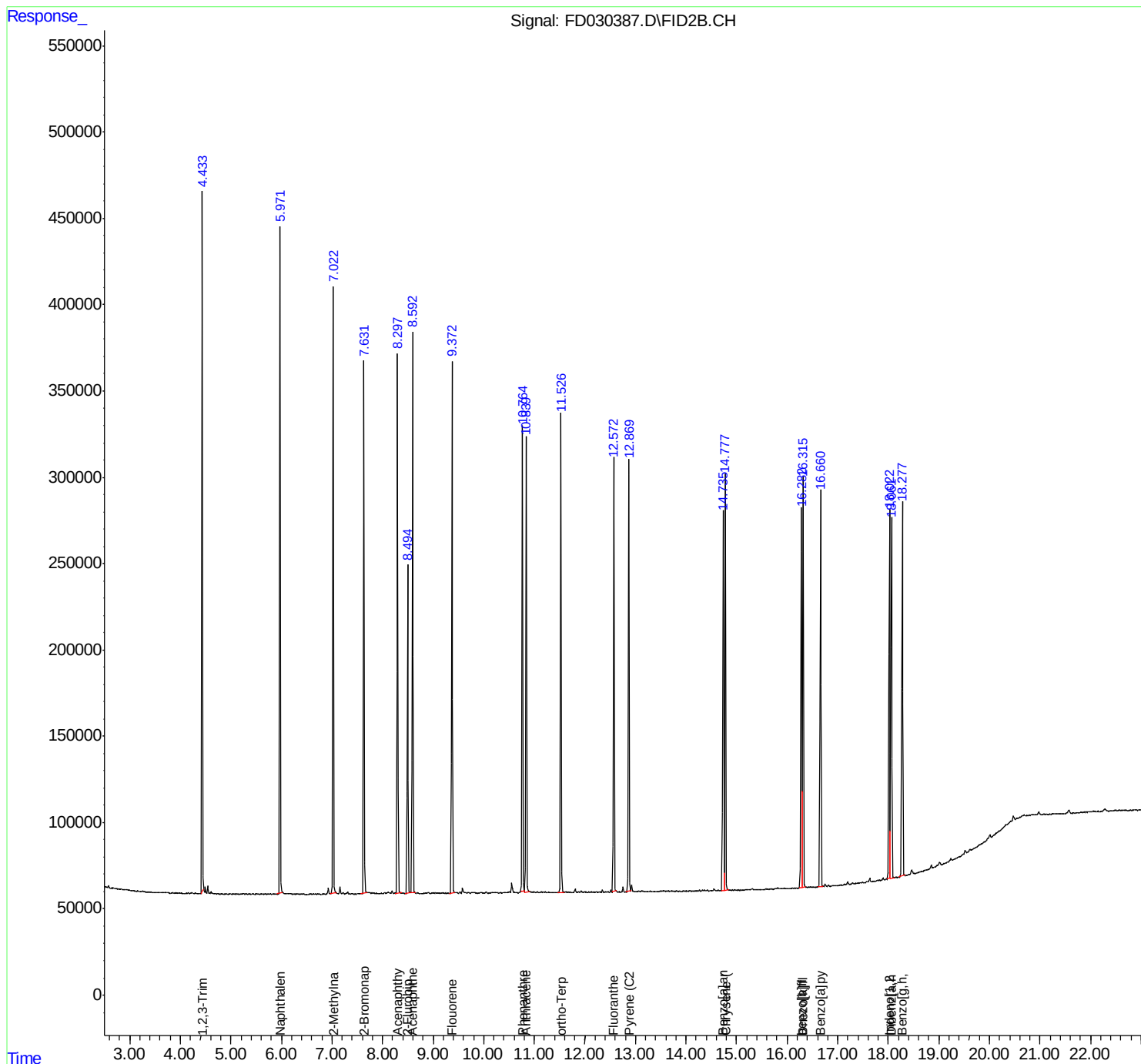
(f)=RT Delta > 1/2 Window

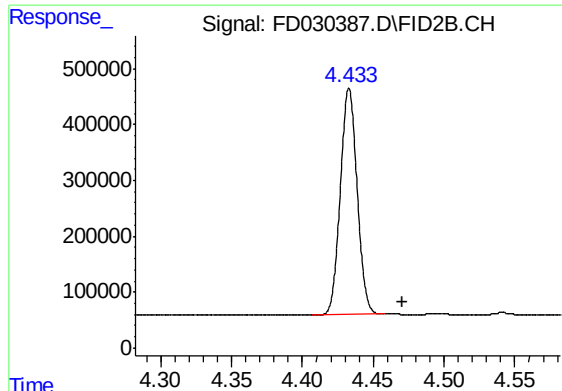
(m)=manual int.

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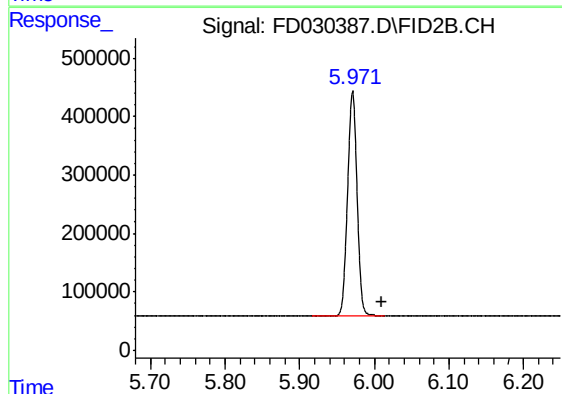
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Signal Info : 20M x 0.18mm x 0.18µm





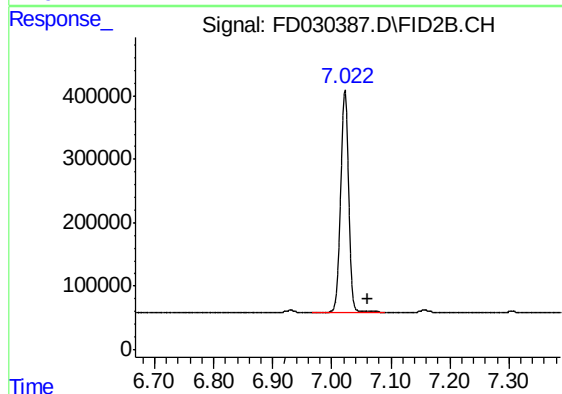
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.433 min
Delta R.T.: -0.038 min
Response: 3348007
Conc: 20.24 ug/ml m



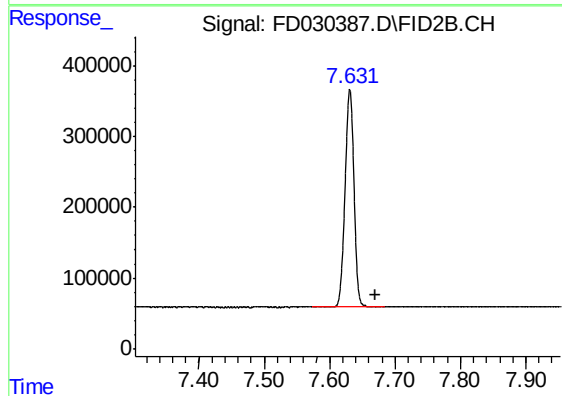
#2 Naphthalene (C11.7)

R.T.: 5.971 min
Delta R.T.: -0.039 min
Response: 3385361
Conc: 19.41 ug/ml



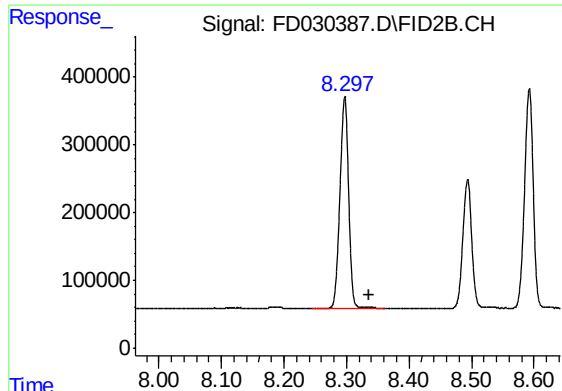
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.022 min
Delta R.T.: -0.039 min
Response: 3285369
Conc: 19.12 ug/ml



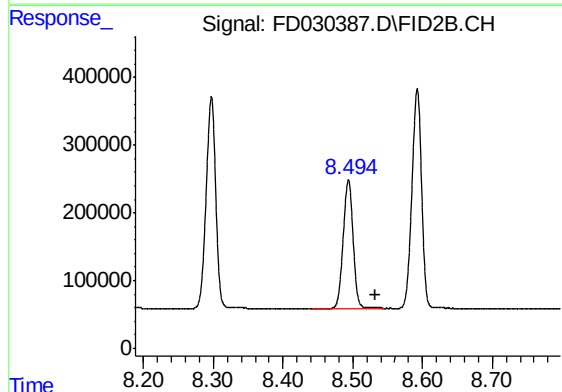
#4 2-Bromonaphthalene (SURR)

R.T.: 7.631 min
Delta R.T.: -0.039 min
Response: 2908426
Conc: 18.91 ug/ml



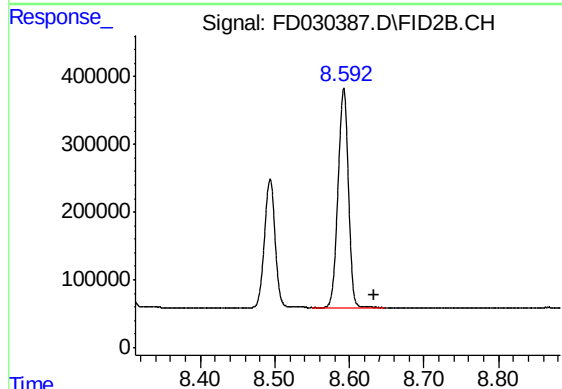
#5 Acenaphthylene (C15.06)

R.T.: 8.297 min
Delta R.T.: -0.039 min
Response: 2996470
Conc: 18.07 ug/ml



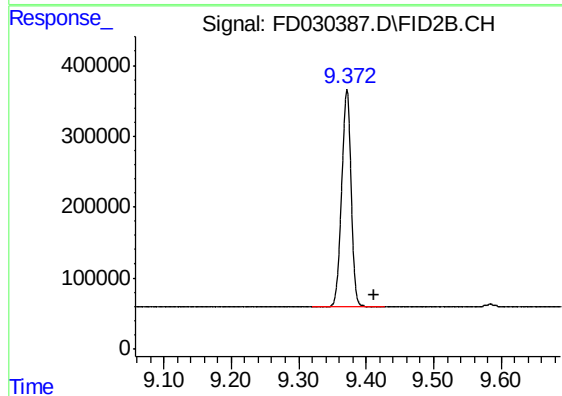
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.494 min
Delta R.T.: -0.039 min
Response: 1864111
Conc: 17.84 ug/ml



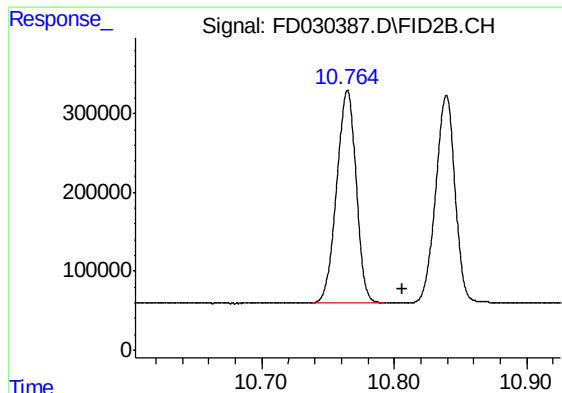
#7 Acenaphthene (C15.5)

R.T.: 8.593 min
Delta R.T.: -0.040 min
Response: 3112859
Conc: 18.16 ug/ml



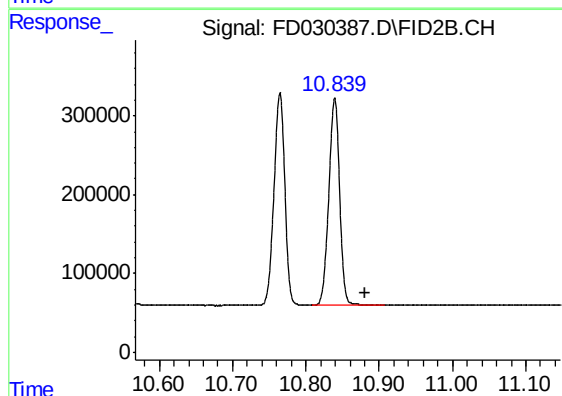
#8 Flouorene (C16.55)

R.T.: 9.372 min
Delta R.T.: -0.040 min
Response: 2977825
Conc: 17.53 ug/ml



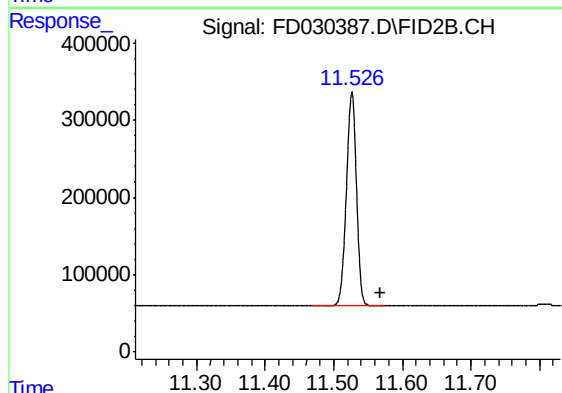
#9 Phenanthrene (C19.36)

R.T.: 10.764 min
Delta R.T.: -0.042 min
Response: 2746072
Conc: 16.29 ug/ml m



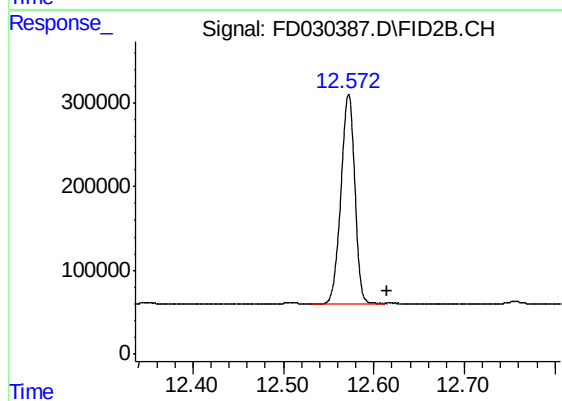
#10 Anthracene (C19.43)

R.T.: 10.839 min
Delta R.T.: -0.041 min
Response: 2700815
Conc: 16.49 ug/ml



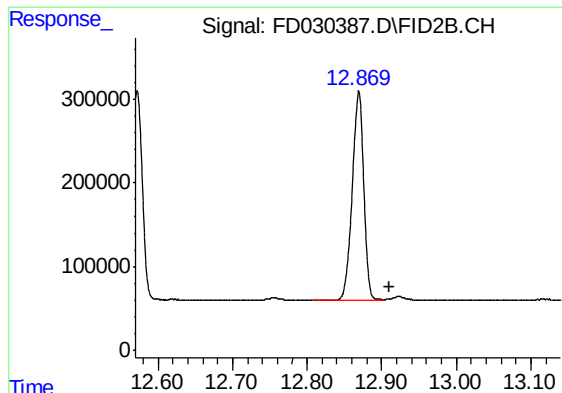
#11 ortho-Terphenyl (SURR)

R.T.: 11.527 min
Delta R.T.: -0.042 min
Response: 2832884
Conc: 17.16 ug/ml



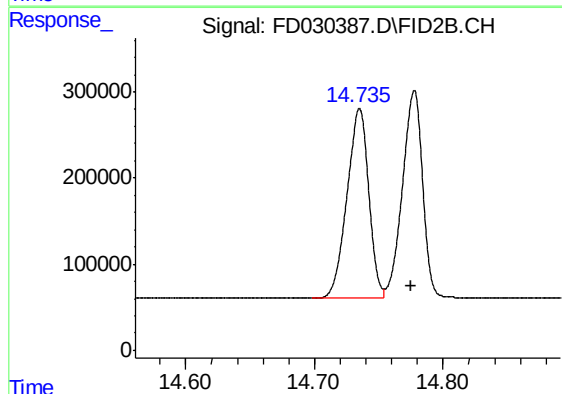
#12 Fluoranthene (C21.85)

R.T.: 12.572 min
Delta R.T.: -0.042 min
Response: 2661122
Conc: 16.01 ug/ml



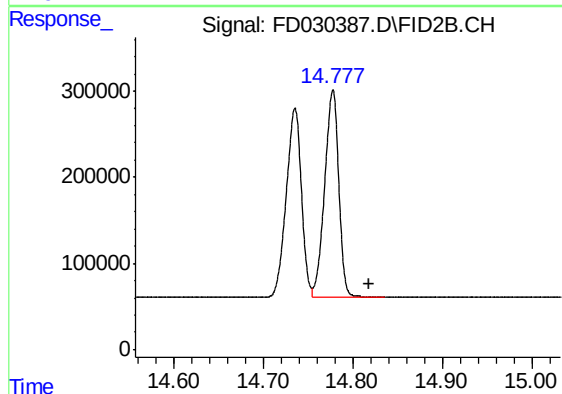
#13 Pyrene (C20.8)

R.T.: 12.869 min
Delta R.T.: -0.041 min
Response: 2650416
Conc: 16.04 ug/ml



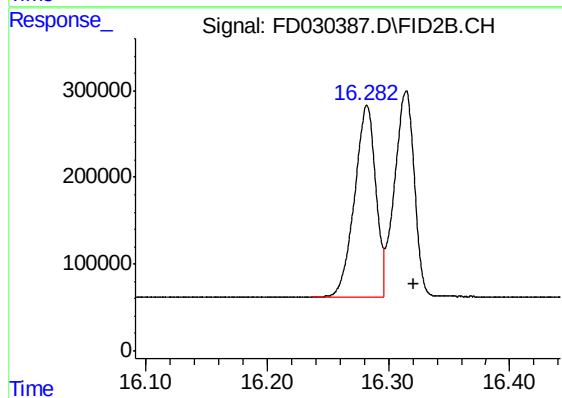
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.735 min
Delta R.T.: -0.041 min
Response: 2598457
Conc: 17.08 ug/ml m



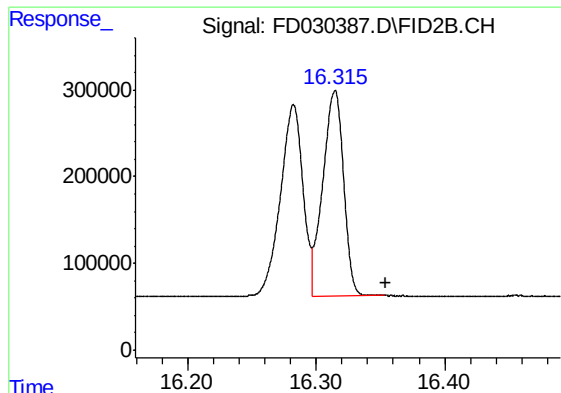
#15 Chrysene (C27.41)

R.T.: 14.778 min
Delta R.T.: -0.041 min
Response: 2638853
Conc: 17.29 ug/ml



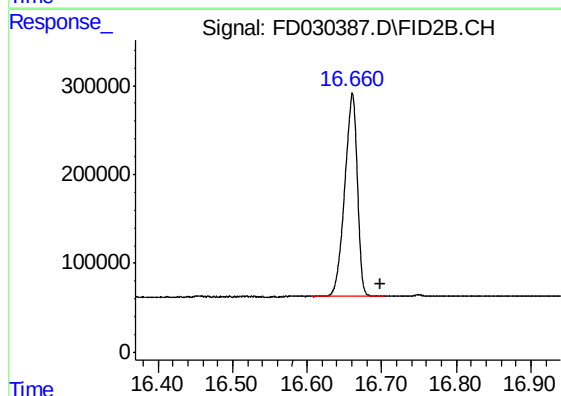
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.282 min
Delta R.T.: -0.040 min
Response: 2662517
Conc: 18.58 ug/ml m



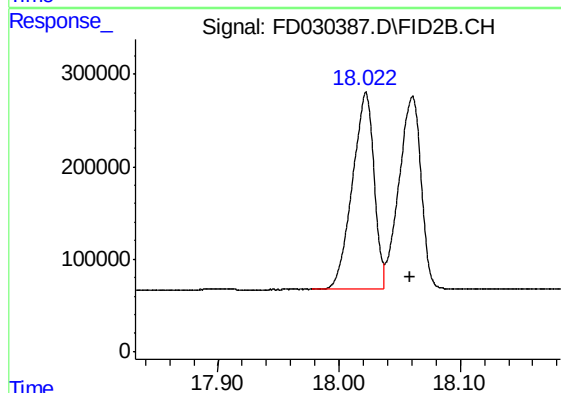
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.315 min
Delta R.T.: -0.039 min
Response: 2680202
Conc: 18.83 ug/ml



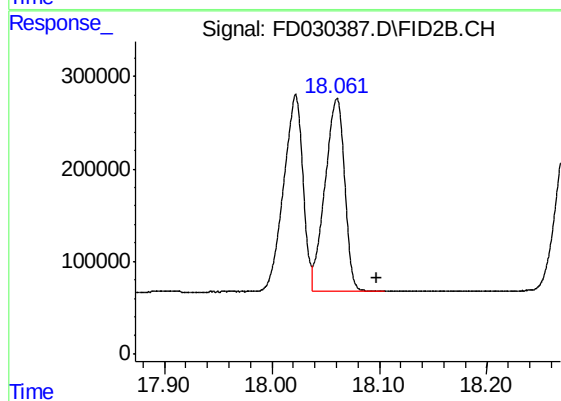
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.661 min
Delta R.T.: -0.038 min
Response: 2687462
Conc: 19.40 ug/ml



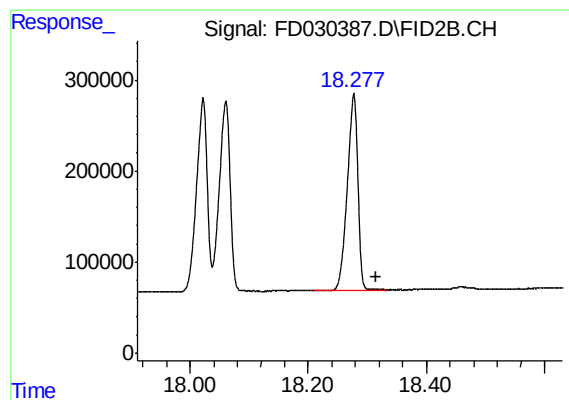
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.022 min
Delta R.T.: -0.037 min
Response: 2649614
Conc: 21.13 ug/ml m



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

R.T.: 18.061 min
Delta R.T.: -0.037 min
Response: 2650562
Conc: 21.46 ug/ml



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

R.T.: 18.277 min
Delta R.T.: -0.038 min
Response: 2666201
Conc: 21.93 ug/ml