

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112019AR\
 Data File : FD031608.D
 Signal(s) : FID2B.CH
 Acq On : 20 Nov 2019 11:55
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 21 01:02:59 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110519.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 06 03:03:26 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...	7.641	2089465	17.553 ug/ml
Spiked Amount 50.000		Recovery =	35.11%
6) S 2-Fluorobiphenyl (SURR)	8.504	1424392	17.288 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	34.58%
11) S ortho-Terphenyl (SURR)	11.544	2176980	17.012 ug/ml
Spiked Amount 50.000		Recovery =	34.02%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.440	2228714	18.568 ug/ml
2) T Naphthalene (C11.7)	5.979	2348825	18.243 ug/ml
3) T 2-Methylnaphthalene (...)	7.032	2302389	17.927 ug/ml
5) T Acenaphthylene (C15.06)	8.307	2164252	17.192 ug/ml
7) T Acenaphthene (C15.5)	8.603	2264330	17.294 ug/ml
8) T Fluorene (C16.55)	9.383	2225251	17.020 ug/ml
9) T Phenanthrene (C19.36)	10.779	2226114	16.896 ug/ml
10) T Anthracene (C19.43)	10.852	2022807	15.687 ug/ml
12) T Fluoranthene (C21.85)	12.589	2193440	16.551 ug/ml
13) T Pyrene (C20.8)	12.886	2188025	16.614 ug/ml
14) T Benzo[a]anthracene (C...	14.756	2089667	16.508 ug/ml
15) T Chrysene (C27.41)	14.797	2200300	17.348 ug/ml
16) T benzo[b]fluoranthene ...	16.305	2134763	17.006 ug/ml
17) T Bnezo[k]fluoranthene ...	16.336	2110879	16.774 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.683	2105192	16.964 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.046	2096100	17.232 ug/ml
20) T Dibenz[a,h]anthracene...	18.085	2123206	17.147 ug/ml
21) T Benzo[g,h,i]perylene ...	18.300	2088968	17.317 ug/ml

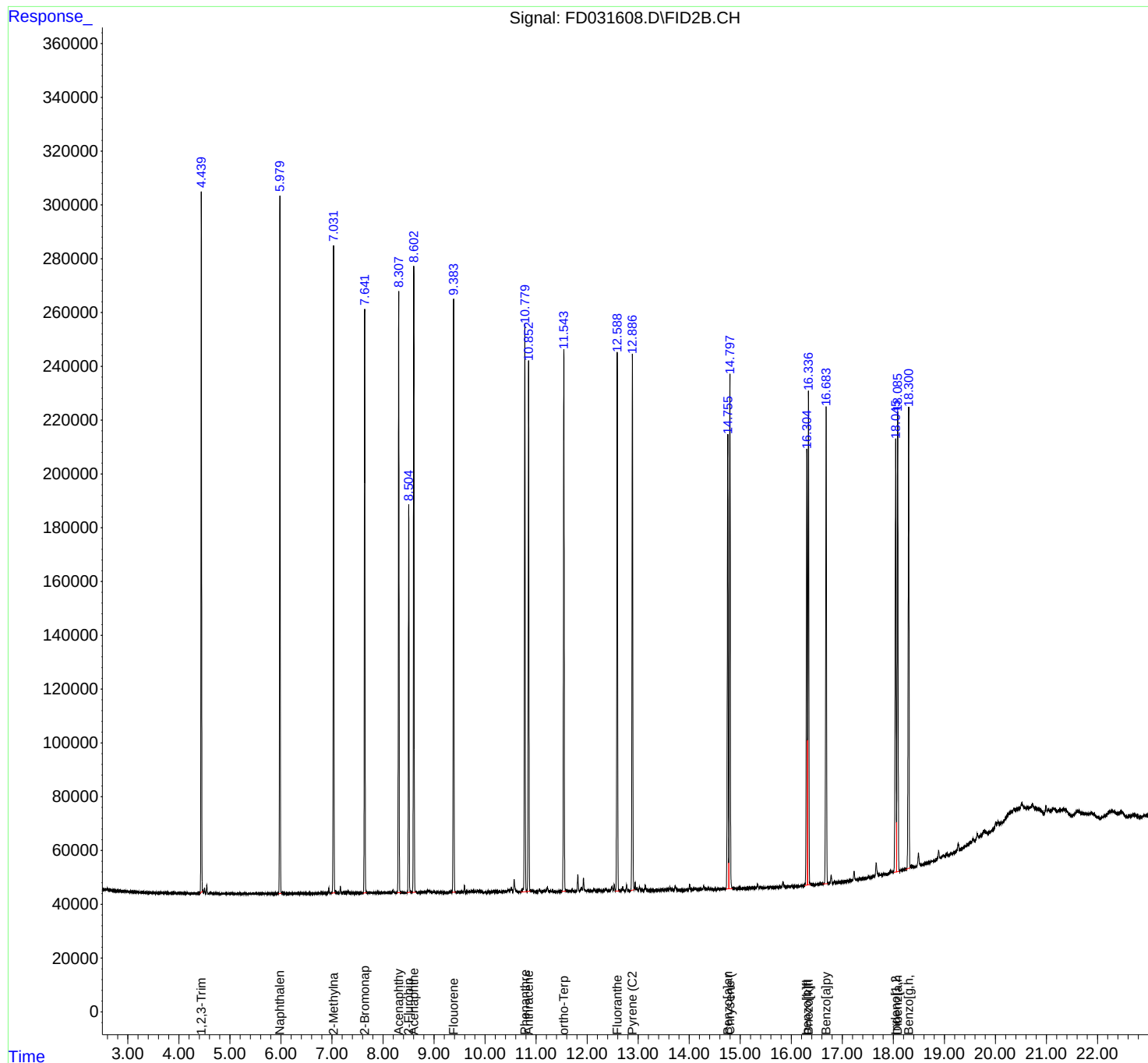
(f)=RT Delta > 1/2 Window

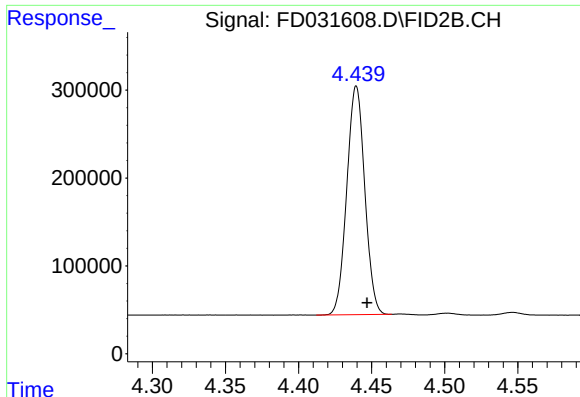
(m)=manual int.

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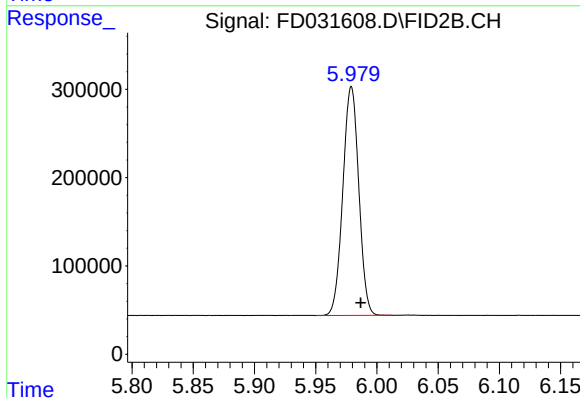
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Signal Info : 20M x 0.18mm x 0.18µm





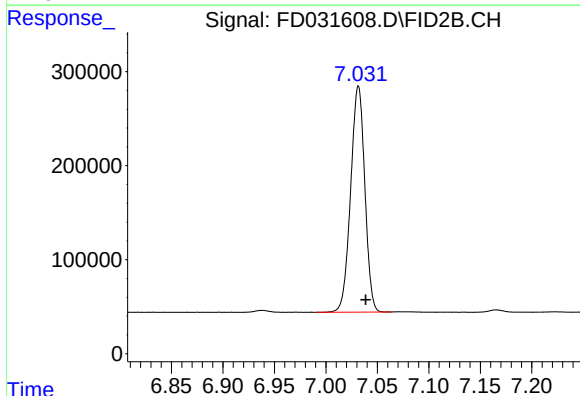
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.440 min
Delta R.T.: -0.007 min
Response: 2228714
Conc: 18.57 ug/ml



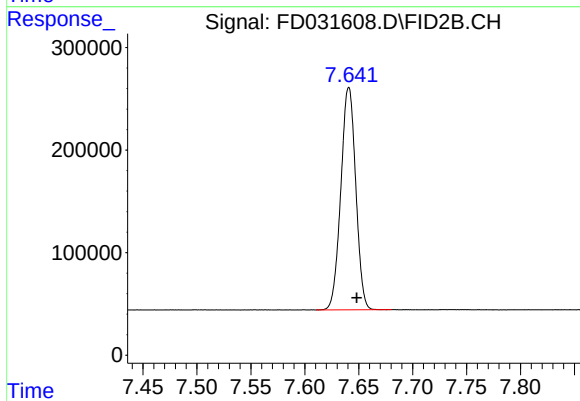
#2 Naphthalene (C11.7)

R.T.: 5.979 min
Delta R.T.: -0.008 min
Response: 2348825
Conc: 18.24 ug/ml



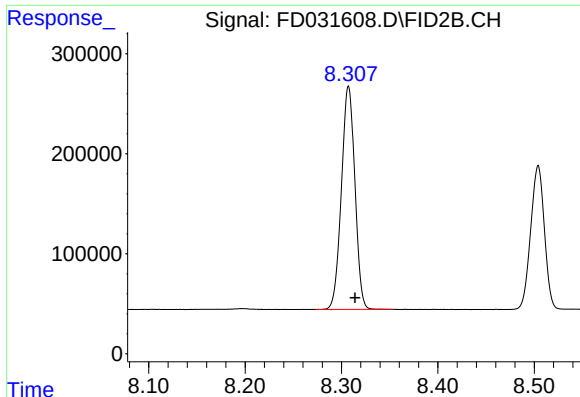
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.032 min
Delta R.T.: -0.007 min
Response: 2302389
Conc: 17.93 ug/ml



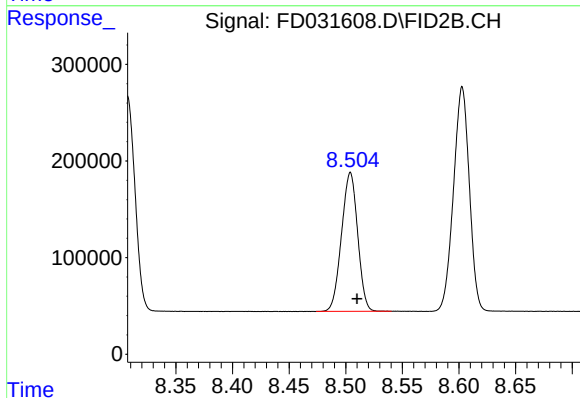
#4 2-Bromonaphthalene (SURR)

R.T.: 7.641 min
Delta R.T.: -0.007 min
Response: 2089465
Conc: 17.55 ug/ml



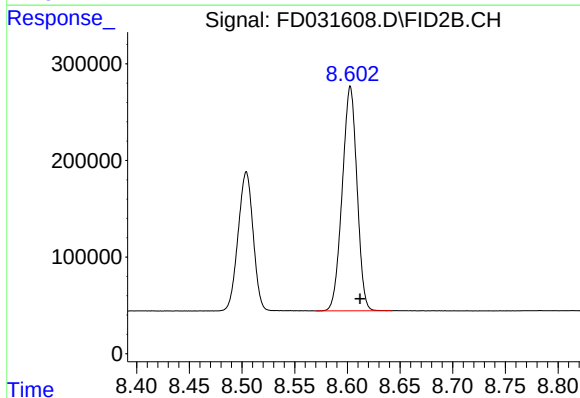
#5 Acenaphthylene (C15.06)

R.T.: 8.307 min
Delta R.T.: -0.007 min
Response: 2164252
Conc: 17.19 ug/ml



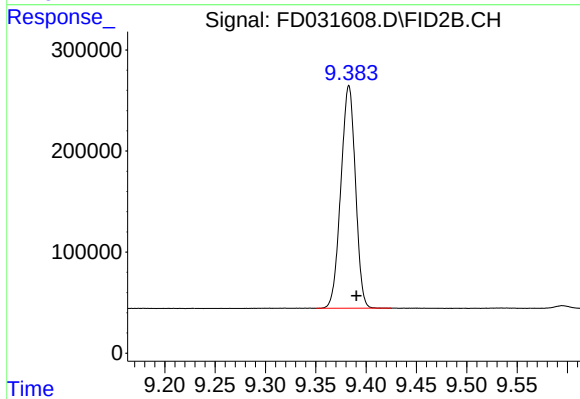
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.504 min
Delta R.T.: -0.006 min
Response: 1424392
Conc: 17.29 ug/ml



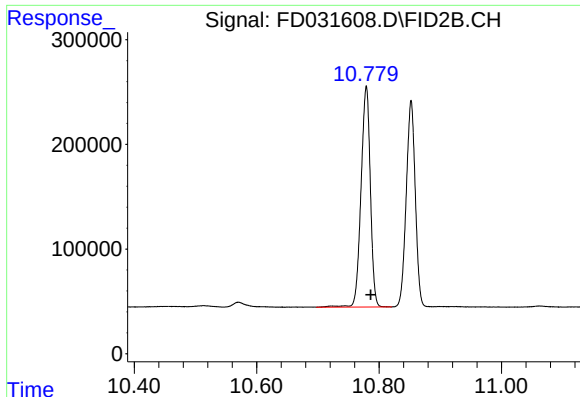
#7 Acenaphthene (C15.5)

R.T.: 8.603 min
Delta R.T.: -0.009 min
Response: 2264330
Conc: 17.29 ug/ml



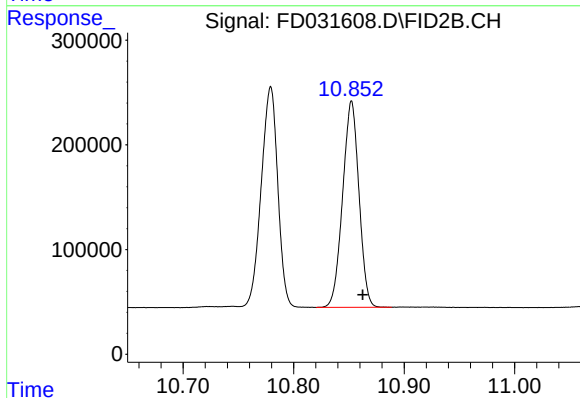
#8 Flouorene (C16.55)

R.T.: 9.383 min
Delta R.T.: -0.007 min
Response: 2225251
Conc: 17.02 ug/ml



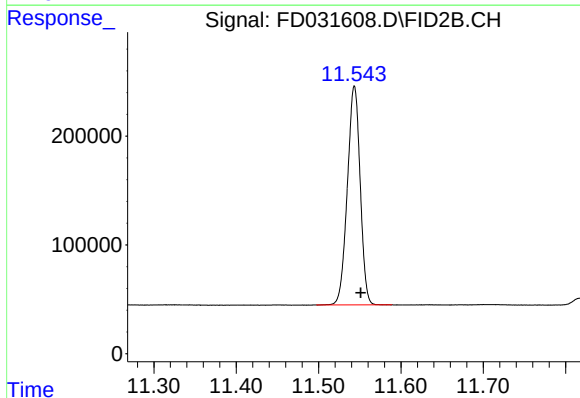
#9 Phenanthrene (C19.36)

R.T.: 10.779 min
Delta R.T.: -0.007 min
Response: 2226114
Conc: 16.90 ug/ml



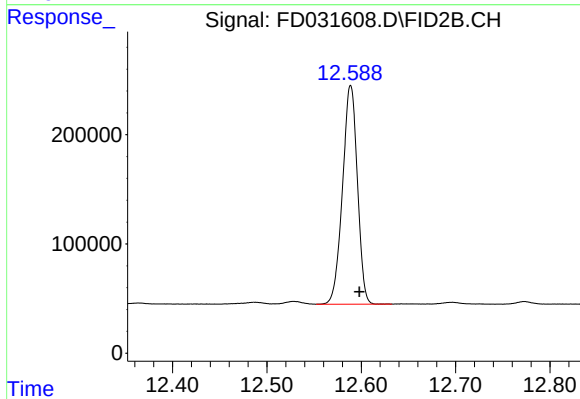
#10 Anthracene (C19.43)

R.T.: 10.852 min
Delta R.T.: -0.010 min
Response: 2022807
Conc: 15.69 ug/ml



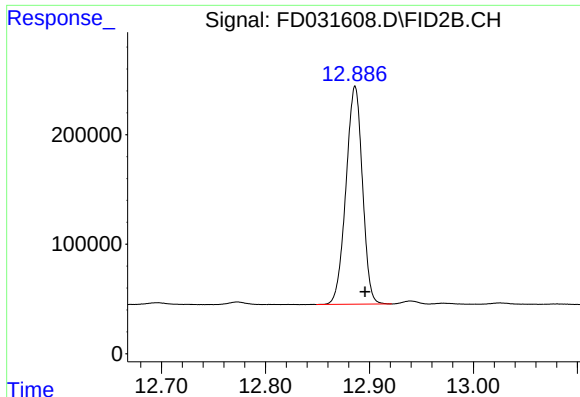
#11 ortho-Terphenyl (SURR)

R.T.: 11.544 min
Delta R.T.: -0.008 min
Response: 2176980
Conc: 17.01 ug/ml



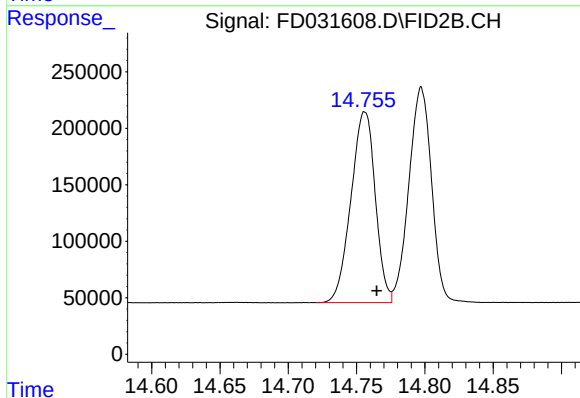
#12 Fluoranthene (C21.85)

R.T.: 12.589 min
Delta R.T.: -0.009 min
Response: 2193440
Conc: 16.55 ug/ml



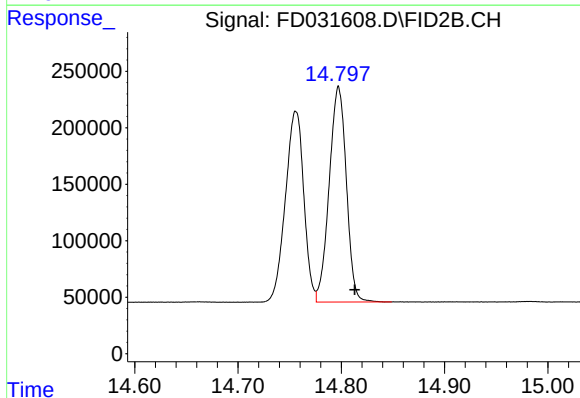
#13 Pyrene (C20.8)

R.T.: 12.886 min
Delta R.T.: -0.009 min
Response: 2188025
Conc: 16.61 ug/ml



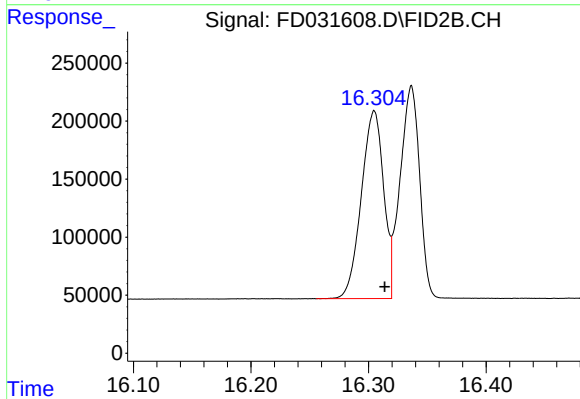
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.756 min
Delta R.T.: -0.009 min
Response: 2089667
Conc: 16.51 ug/ml



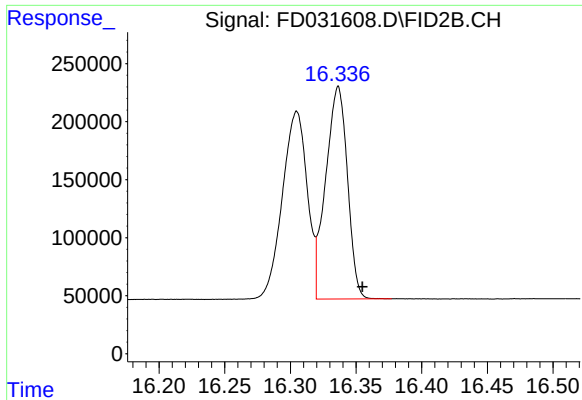
#15 Chrysene (C27.41)

R.T.: 14.797 min
Delta R.T.: -0.016 min
Response: 2200300
Conc: 17.35 ug/ml



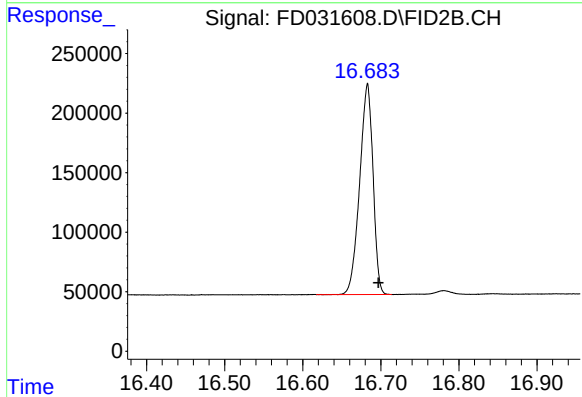
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.305 min
Delta R.T.: -0.009 min
Response: 2134763
Conc: 17.01 ug/ml



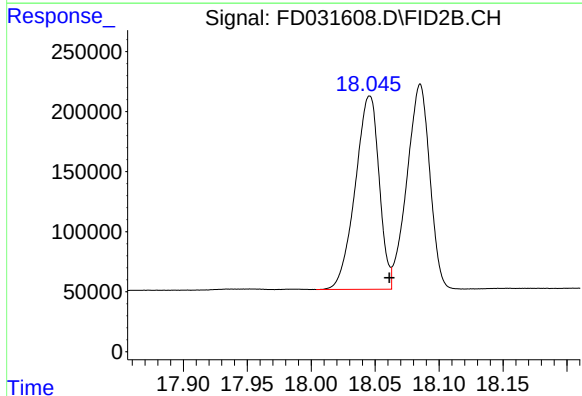
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.336 min
Delta R.T.: -0.018 min
Response: 2110879
Conc: 16.77 ug/ml



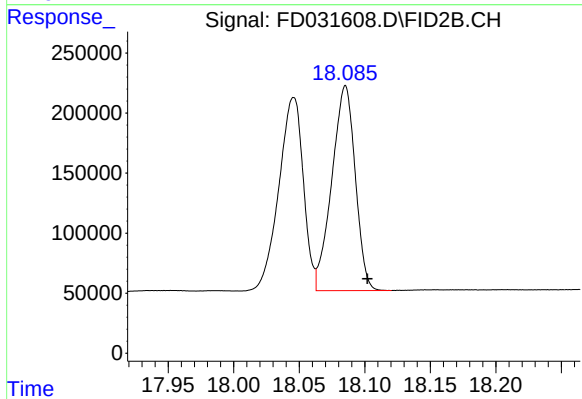
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.683 min
Delta R.T.: -0.014 min
Response: 2105192
Conc: 16.96 ug/ml



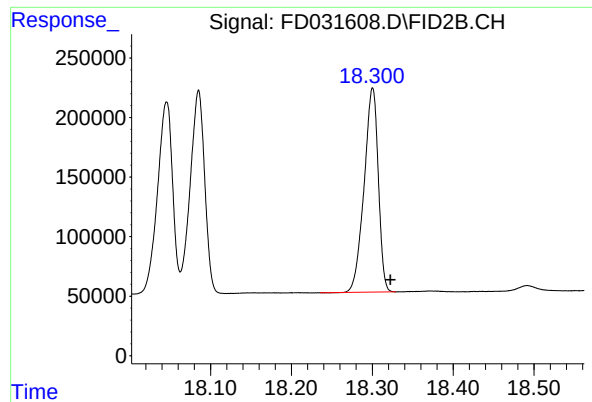
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.046 min
Delta R.T.: -0.015 min
Response: 2096100
Conc: 17.23 ug/ml



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

R.T.: 18.085 min
Delta R.T.: -0.017 min
Response: 2123206
Conc: 17.15 ug/ml



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

R.T.: 18.300 min
Delta R.T.: -0.022 min
Response: 2088968
Conc: 17.32 ug/ml