

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011520AR\
 Data File : FD032007.D
 Signal(s) : FID2B.CH
 Acq On : 15 Jan 2020 10:15
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 16 01:34:22 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010620.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 07 04:07:34 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...	7.633	2495593	22.200 ug/ml
Spiked Amount 50.000		Recovery =	44.40%
6) S 2-Fluorobiphenyl (SURR)	8.494	1719288	22.058 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.12%
11) S ortho-Terphenyl (SURR)	11.528	2672049	21.529 ug/ml
Spiked Amount 50.000		Recovery =	43.06%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.437	2611553	23.058 ug/ml
2) T Naphthalene (C11.7)	5.974	2753083	22.634 ug/ml
3) T 2-Methylnaphthalene (...)	7.024	2726338	22.260 ug/ml
5) T Acenaphthylene (C15.06)	8.297	2604634	21.761 ug/ml
7) T Acenaphthene (C15.5)	8.593	2726573	22.049 ug/ml
8) T Flouorene (C16.55)	9.371	2710224	21.699 ug/ml
9) T Phenanthrene (C19.36)	10.764	2752269	21.800 ug/ml
10) T Anthracene (C19.43)	10.838	2512684	20.070 ug/ml
12) T Fluoranthene (C21.85)	12.572	2715505	21.217 ug/ml
13) T Pyrene (C20.8)	12.868	2695834	21.420 ug/ml
14) T Benzo[a]anthracene (C...	14.737	2560803	20.971 ug/ml
15) T Chrysene (C27.41)	14.779	2586195	21.015 ug/ml
16) T benzo[b]fluoranthene ...	16.285	2548532	21.105 ug/ml
17) T Bnezo[k]fluoranthene ...	16.317	2535471	20.957 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.663	2488166	20.827 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.024	2447905	21.307 ug/ml
20) T Dibenz[a,h]anthracene...	18.065	2536110	21.688 ug/ml
21) T Benzo[g,h,i]perylene ...	18.280	2428375	21.313 ug/ml

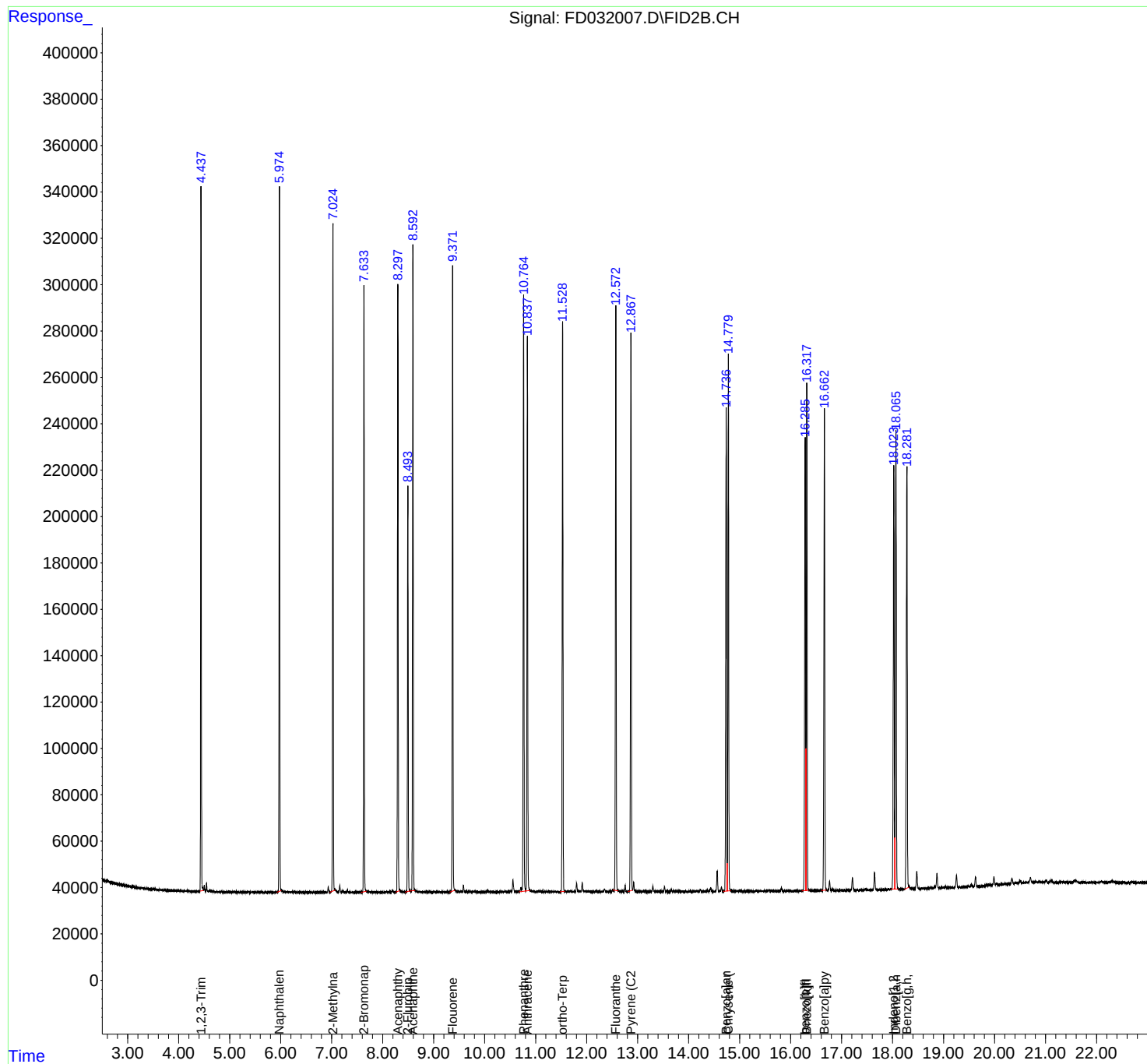
(f)=RT Delta > 1/2 Window

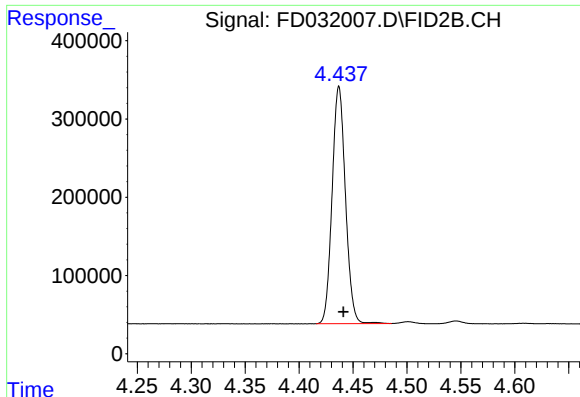
(m)=manual int.

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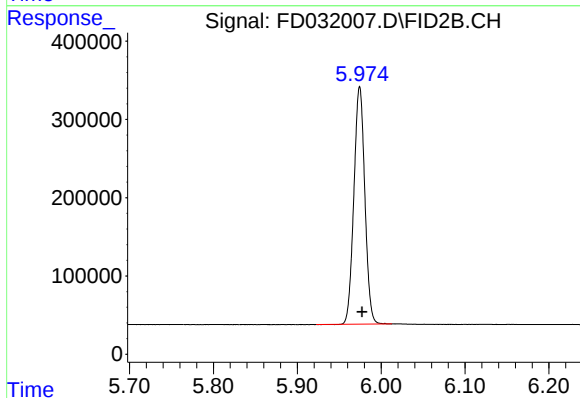
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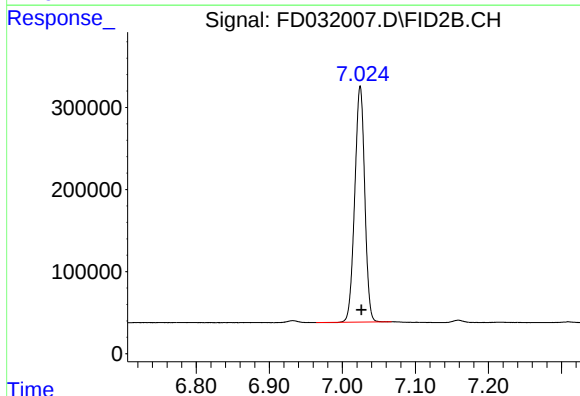
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.437 min
Delta R.T.: -0.004 min
Response: 2611553
Conc: 23.06 ug/ml



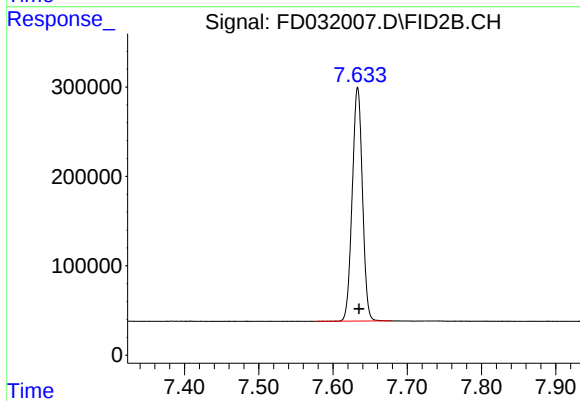
#2 Naphthalene (C11.7)

R.T.: 5.974 min
Delta R.T.: -0.003 min
Response: 2753083
Conc: 22.63 ug/ml



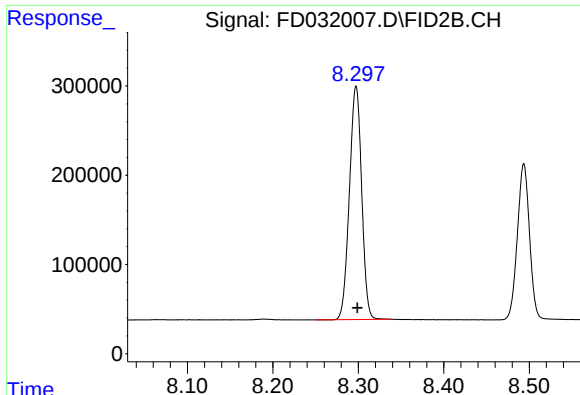
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.024 min
Delta R.T.: -0.002 min
Response: 2726338
Conc: 22.26 ug/ml



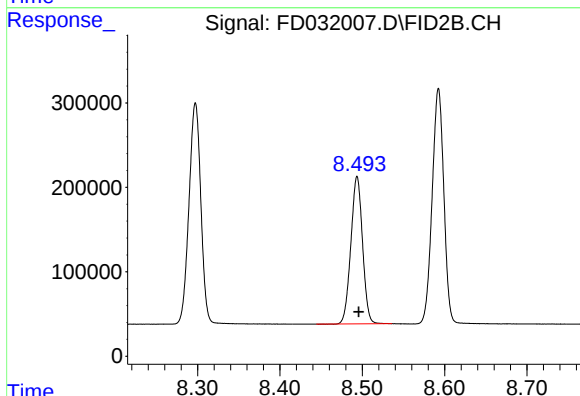
#4 2-Bromonaphthalene (SURR)

R.T.: 7.633 min
Delta R.T.: -0.002 min
Response: 2495593
Conc: 22.20 ug/ml



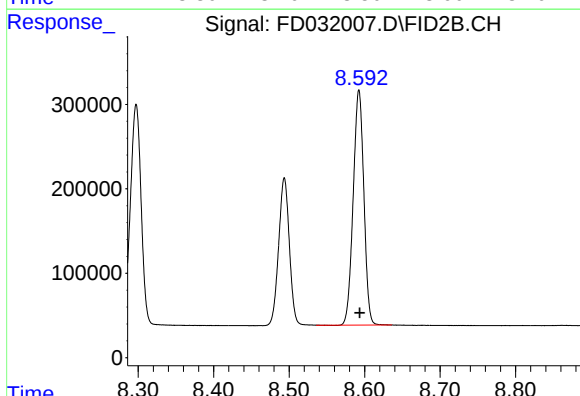
#5 Acenaphthylene (C15.06)

R.T.: 8.297 min
Delta R.T.: -0.002 min
Response: 2604634
Conc: 21.76 ug/ml



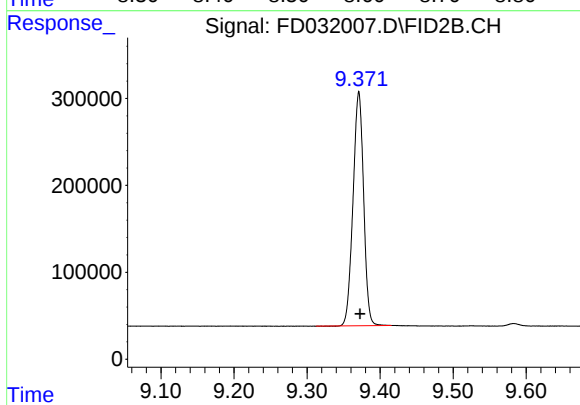
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.494 min
Delta R.T.: -0.002 min
Response: 1719288
Conc: 22.06 ug/ml



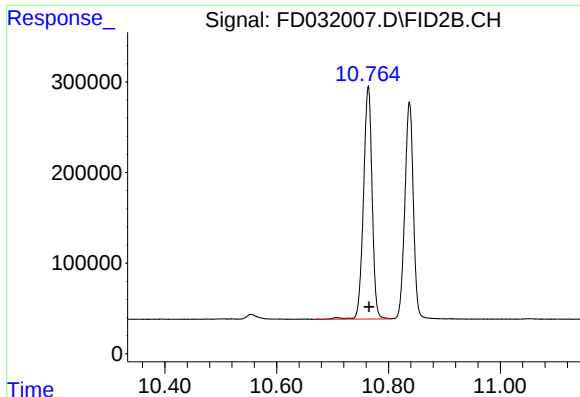
#7 Acenaphthene (C15.5)

R.T.: 8.593 min
Delta R.T.: 0.000 min
Response: 2726573
Conc: 22.05 ug/ml



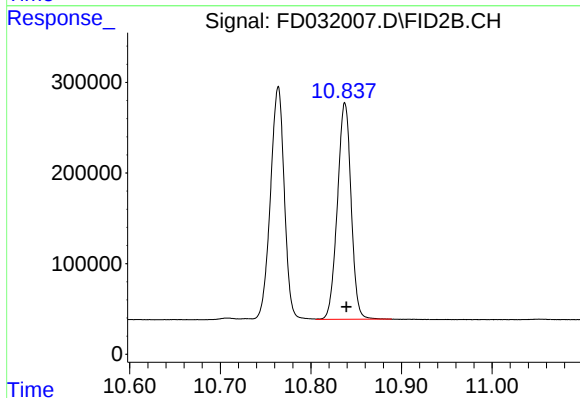
#8 Fluorene (C16.55)

R.T.: 9.371 min
Delta R.T.: -0.002 min
Response: 2710224
Conc: 21.70 ug/ml



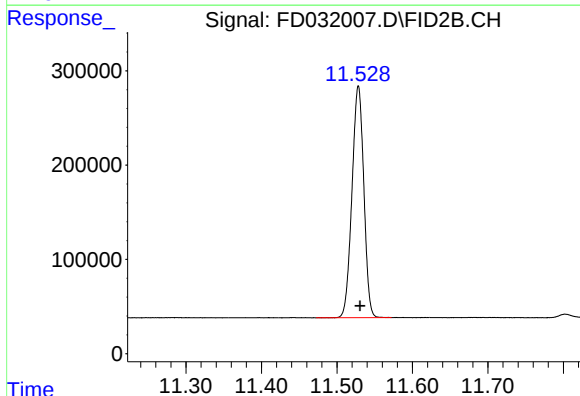
#9 Phenanthrene (C19.36)

R.T.: 10.764 min
Delta R.T.: -0.001 min
Response: 2752269
Conc: 21.80 ug/ml



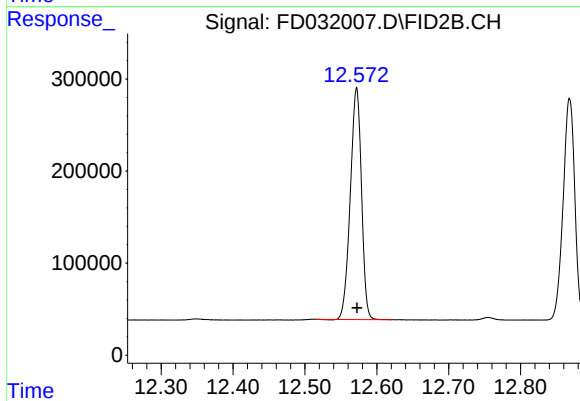
#10 Anthracene (C19.43)

R.T.: 10.838 min
Delta R.T.: -0.002 min
Response: 2512684
Conc: 20.07 ug/ml



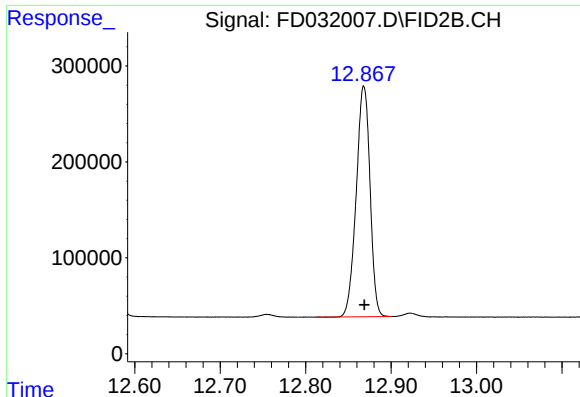
#11 ortho-Terphenyl (SURR)

R.T.: 11.528 min
Delta R.T.: -0.002 min
Response: 2672049
Conc: 21.53 ug/ml



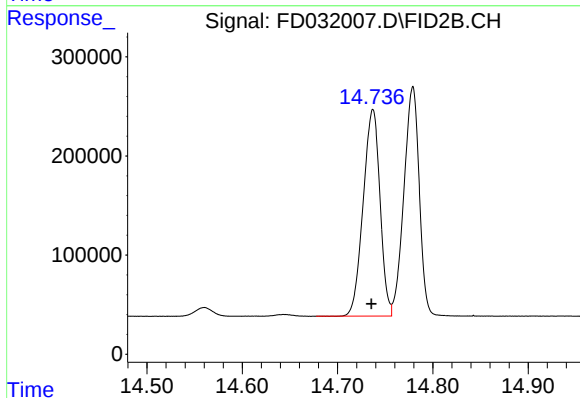
#12 Fluoranthene (C21.85)

R.T.: 12.572 min
Delta R.T.: 0.000 min
Response: 2715505
Conc: 21.22 ug/ml



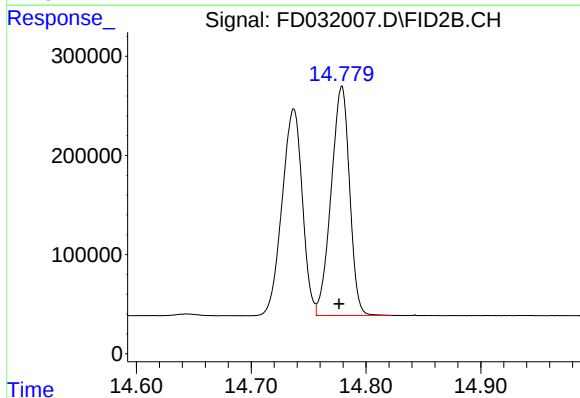
#13 Pyrene (C20.8)

R.T.: 12.868 min
Delta R.T.: 0.000 min
Response: 2695834
Conc: 21.42 ug/ml



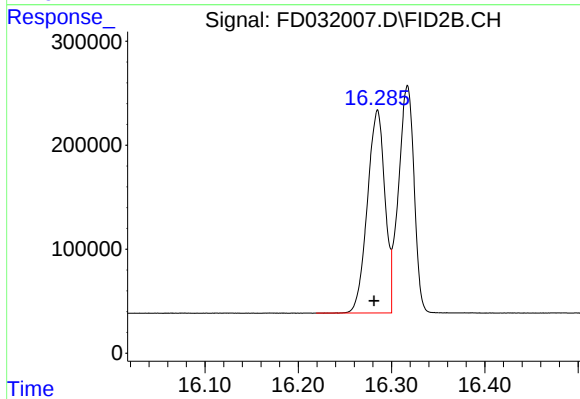
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.737 min
Delta R.T.: 0.002 min
Response: 2560803
Conc: 20.97 ug/ml



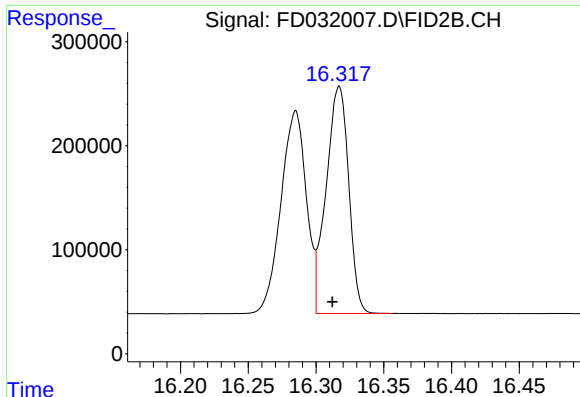
#15 Chrysene (C27.41)

R.T.: 14.779 min
Delta R.T.: 0.002 min
Response: 2586195
Conc: 21.02 ug/ml



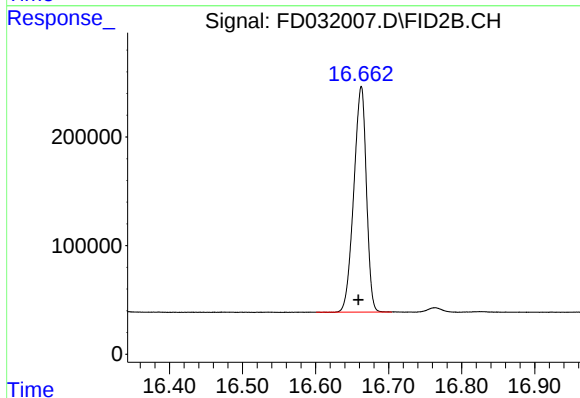
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.285 min
Delta R.T.: 0.004 min
Response: 2548532
Conc: 21.11 ug/ml



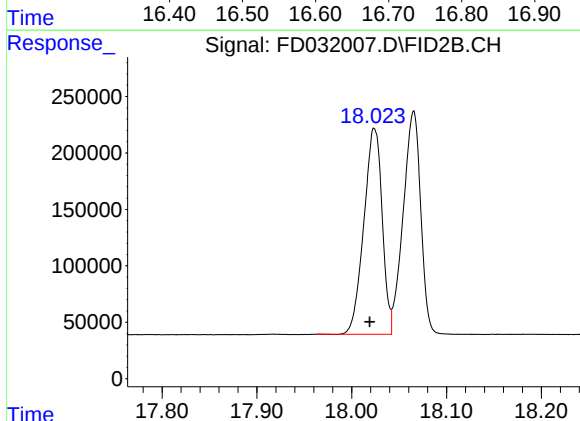
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.317 min
Delta R.T.: 0.005 min
Response: 2535471
Conc: 20.96 ug/ml



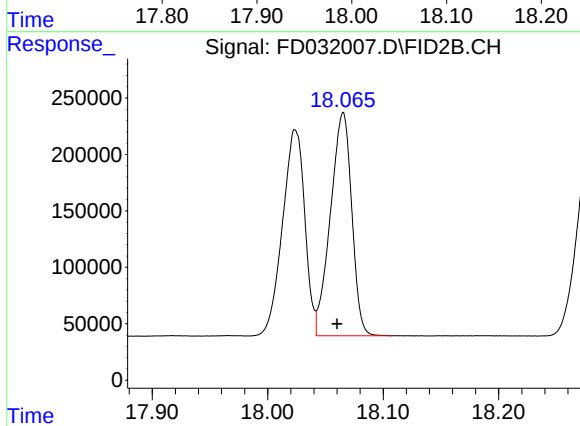
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.663 min
Delta R.T.: 0.004 min
Response: 2488166
Conc: 20.83 ug/ml



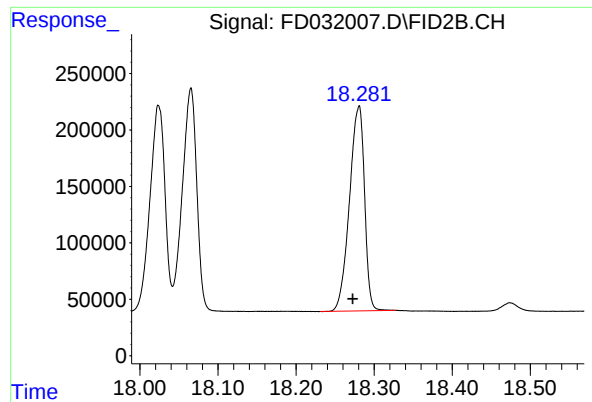
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.024 min
Delta R.T.: 0.005 min
Response: 2447905
Conc: 21.31 ug/ml



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

R.T.: 18.065 min
Delta R.T.: 0.005 min
Response: 2536110
Conc: 21.69 ug/ml



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

R.T.: 18.280 min
Delta R.T.: 0.008 min
Response: 2428375
Conc: 21.31 ug/ml