

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112719AR\
 Data File : FD031735.D
 Signal(s) : FID2B.CH
 Acq On : 27 Nov 2019 8:52
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 27 22:31:36 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...	7.651	2401305	20.173 ug/ml
Spiked Amount 50.000		Recovery =	40.35%
6) S 2-Fluorobiphenyl (SURR)	8.514	1616637	19.621 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.24%
11) S ortho-Terphenyl (SURR)	11.550	2427460	18.970 ug/ml
Spiked Amount 50.000		Recovery =	37.94%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.452	2642385	22.014 ug/ml
2) T Naphthalene (C11.7)	5.991	2706544	21.021 ug/ml
3) T 2-Methylnaphthalene (...)	7.043	2637436	20.536 ug/ml
5) T Acenaphthylene (C15.06)	8.318	2462498	19.561 ug/ml
7) T Acenaphthene (C15.5)	8.613	2572947	19.651 ug/ml
8) T Fluorene (C16.55)	9.392	2516125	19.245 ug/ml
9) T Phenanthrene (C19.36)	10.788	2480734	18.828 ug/ml
10) T Anthracene (C19.43)	10.861	2250437	17.453 ug/ml
12) T Fluoranthene (C21.85)	12.598	2442977	18.434 ug/ml
13) T Pyrene (C20.8)	12.895	2427945	18.436 ug/ml
14) T Benzo[a]anthracene (C...	14.763	2354930	18.604 ug/ml
15) T Chrysene (C27.41)	14.805	2392872	18.866 ug/ml
16) T benzo[b]fluoranthene ...	16.312	2432504	19.378 ug/ml
17) T Bnezo[k]fluoranthene ...	16.344	2387411	18.972 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.690	2383863	19.210 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.053	2370305	19.487 ug/ml
20) T Dibenz[a,h]anthracene...	18.092	2425615	19.589 ug/ml
21) T Benzo[g,h,i]perylene ...	18.307	2364724	19.602 ug/ml

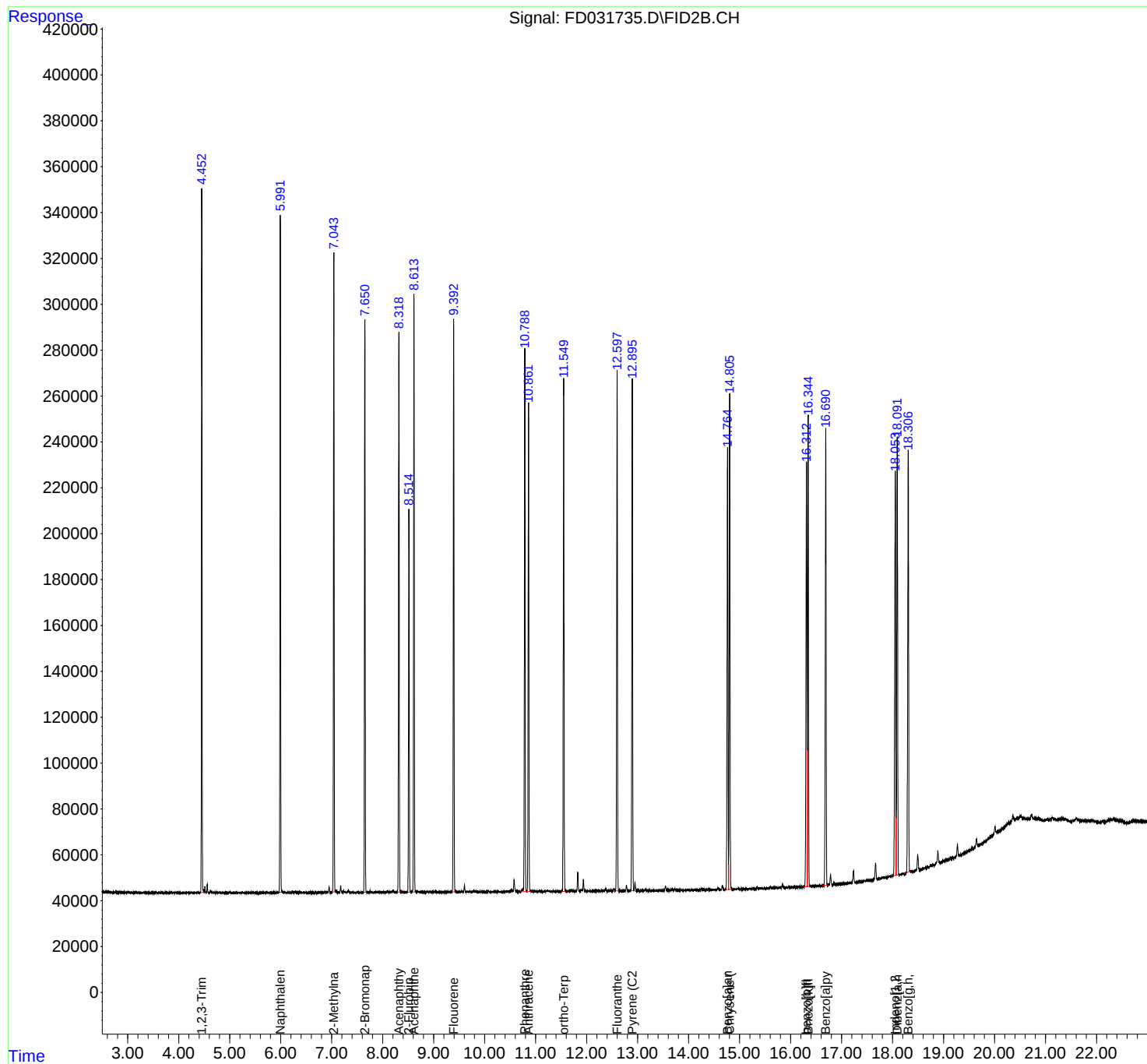
(f)=RT Delta > 1/2 Window

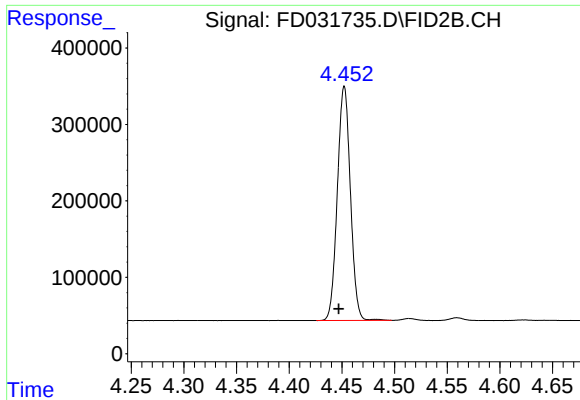
(m)=manual int.

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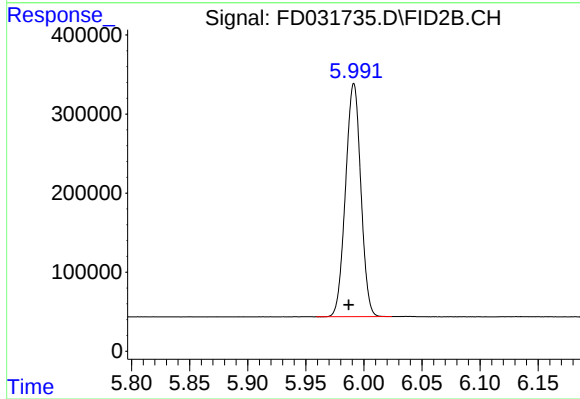
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





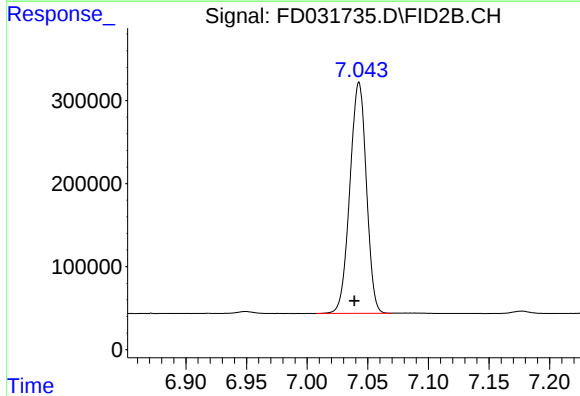
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.452 min
Delta R.T.: 0.005 min
Response: 2642385
Conc: 22.01 ug/ml



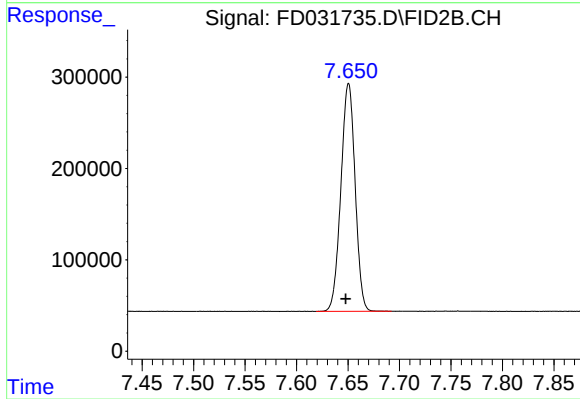
#2 Naphthalene (C11.7)

R.T.: 5.991 min
Delta R.T.: 0.005 min
Response: 2706544
Conc: 21.02 ug/ml



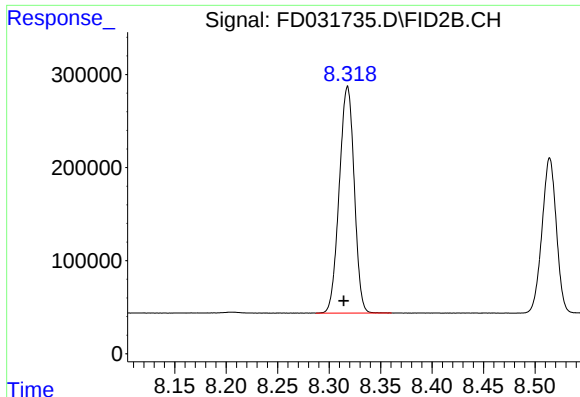
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.043 min
Delta R.T.: 0.004 min
Response: 2637436
Conc: 20.54 ug/ml



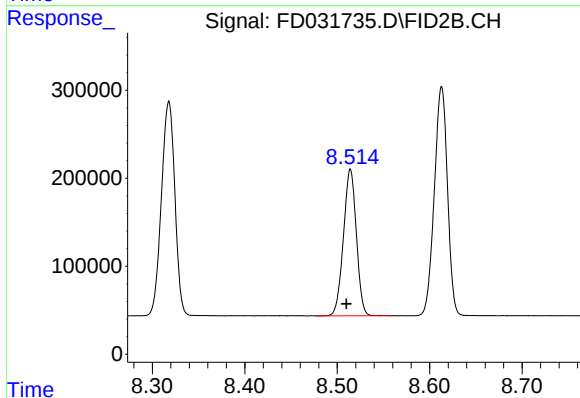
#4 2-Bromonaphthalene (SURR)

R.T.: 7.651 min
Delta R.T.: 0.003 min
Response: 2401305
Conc: 20.17 ug/ml



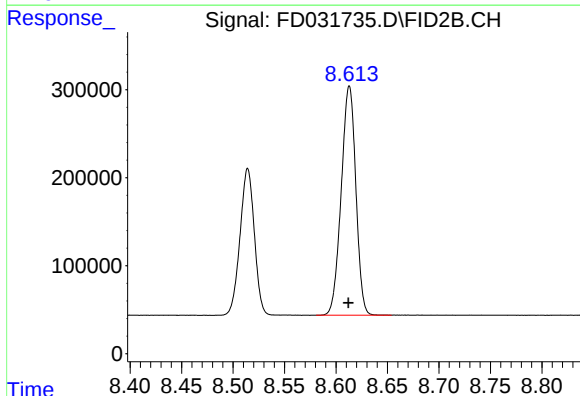
#5 Acenaphthylene (C15.06)

R.T.: 8.318 min
Delta R.T.: 0.004 min
Response: 2462498
Conc: 19.56 ug/ml



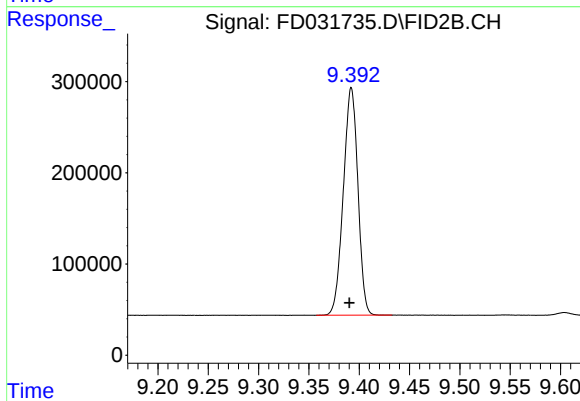
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.514 min
Delta R.T.: 0.004 min
Response: 1616637
Conc: 19.62 ug/ml



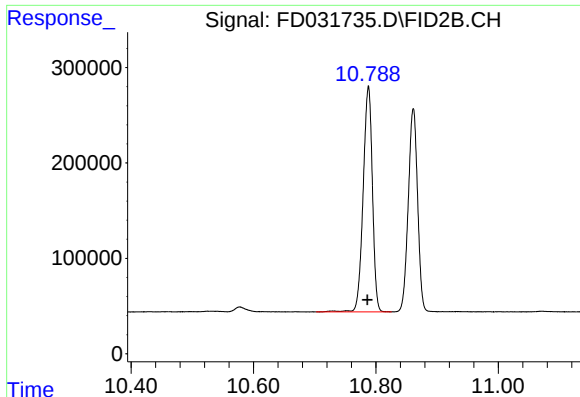
#7 Acenaphthene (C15.5)

R.T.: 8.613 min
Delta R.T.: 0.000 min
Response: 2572947
Conc: 19.65 ug/ml



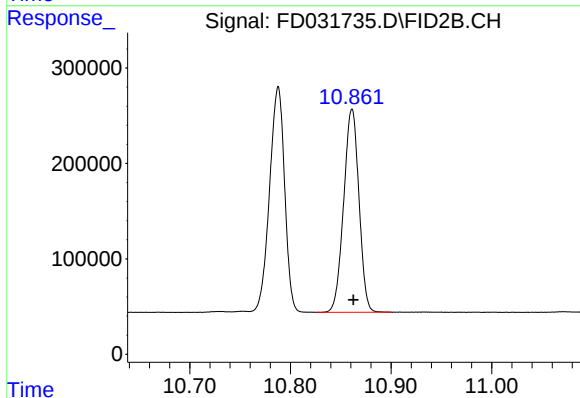
#8 Flouorene (C16.55)

R.T.: 9.392 min
Delta R.T.: 0.002 min
Response: 2516125
Conc: 19.24 ug/ml



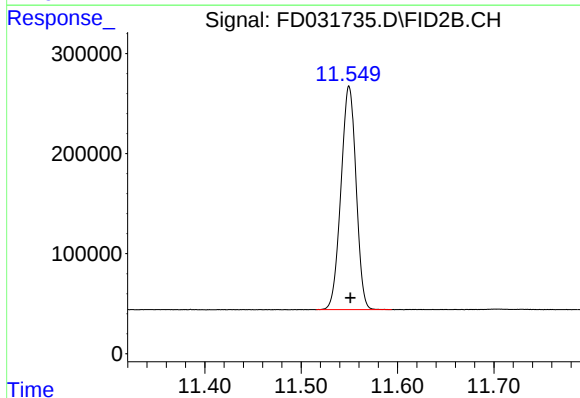
#9 Phenanthrene (C19.36)

R.T.: 10.788 min
Delta R.T.: 0.002 min
Response: 2480734
Conc: 18.83 ug/ml



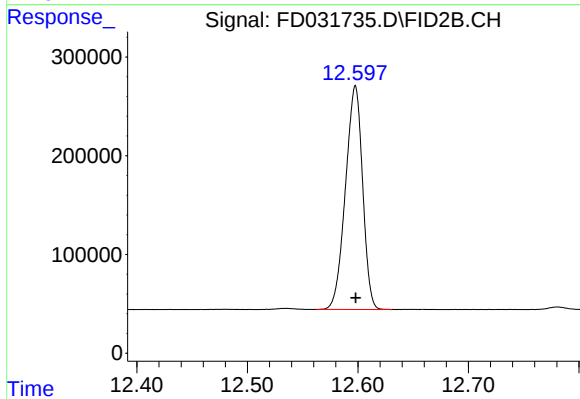
#10 Anthracene (C19.43)

R.T.: 10.861 min
Delta R.T.: -0.001 min
Response: 2250437
Conc: 17.45 ug/ml



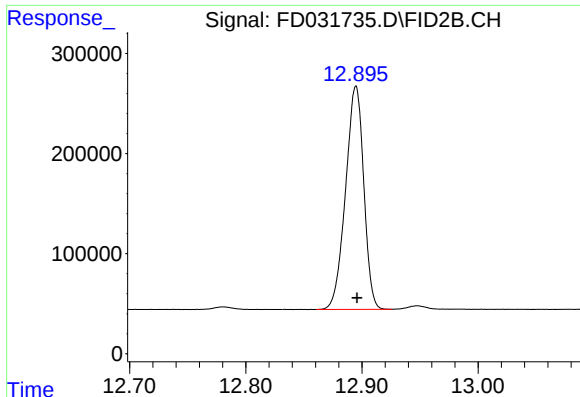
#11 ortho-Terphenyl (SURR)

R.T.: 11.550 min
Delta R.T.: -0.001 min
Response: 2427460
Conc: 18.97 ug/ml



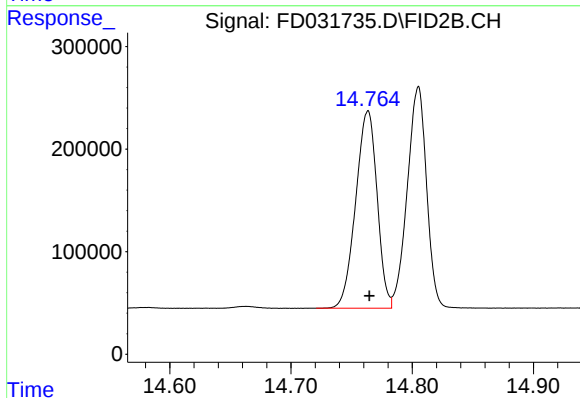
#12 Fluoranthene (C21.85)

R.T.: 12.598 min
Delta R.T.: 0.000 min
Response: 2442977
Conc: 18.43 ug/ml



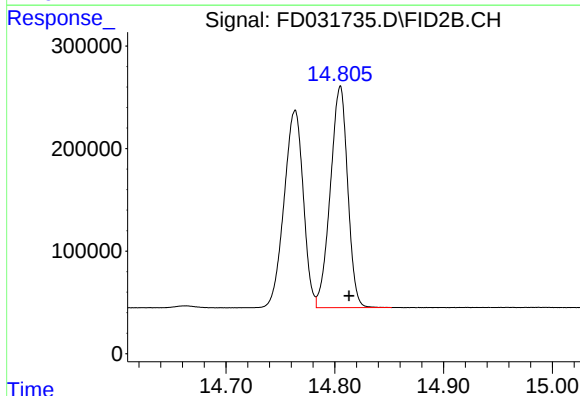
#13 Pyrene (C20.8)

R.T.: 12.895 min
Delta R.T.: 0.000 min
Response: 2427945
Conc: 18.44 ug/ml



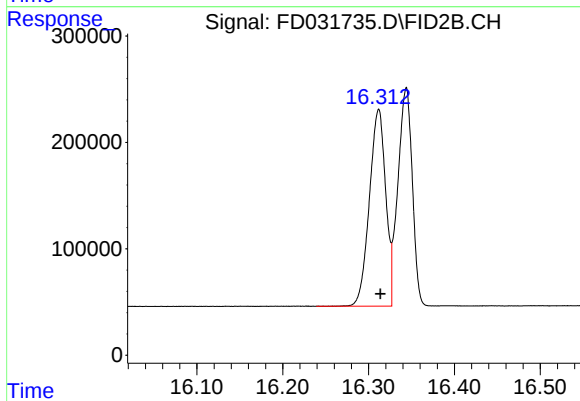
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.763 min
Delta R.T.: -0.001 min
Response: 2354930
Conc: 18.60 ug/ml



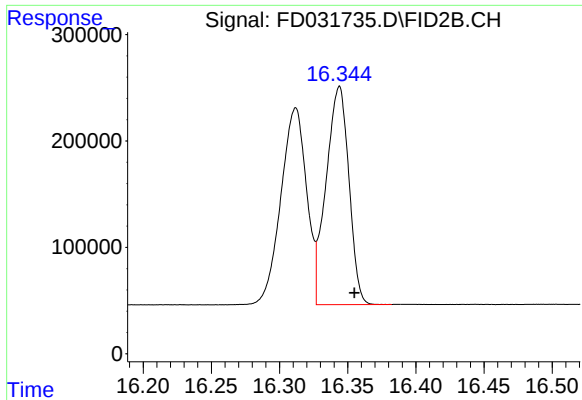
#15 Chrysene (C27.41)

R.T.: 14.805 min
Delta R.T.: -0.008 min
Response: 2392872
Conc: 18.87 ug/ml



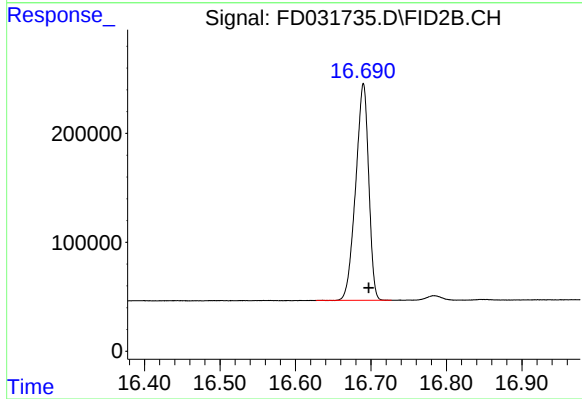
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.312 min
Delta R.T.: -0.002 min
Response: 2432504
Conc: 19.38 ug/ml



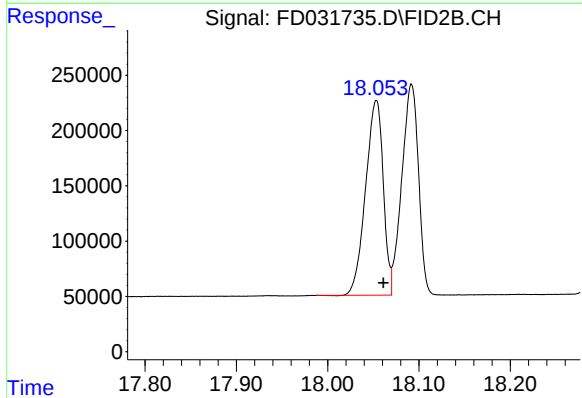
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.344 min
Delta R.T.: -0.011 min
Response: 2387411
Conc: 18.97 ug/ml



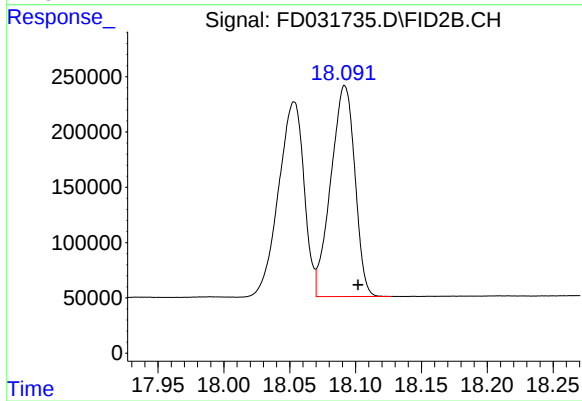
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.690 min
Delta R.T.: -0.007 min
Response: 2383863
Conc: 19.21 ug/ml



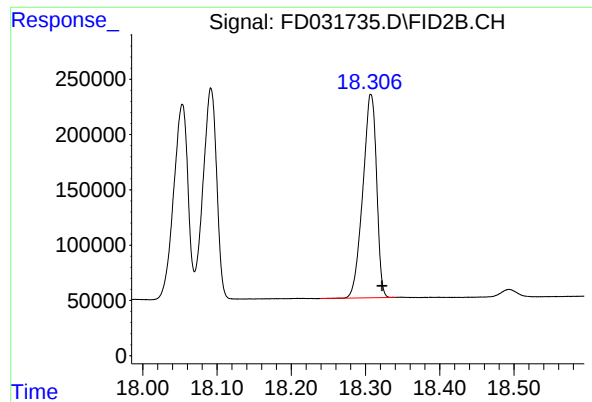
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.053 min
Delta R.T.: -0.008 min
Response: 2370305
Conc: 19.49 ug/ml



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

R.T.: 18.092 min
Delta R.T.: -0.010 min
Response: 2425615
Conc: 19.59 ug/ml



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

R.T.: 18.307 min
Delta R.T.: -0.015 min
Response: 2364724
Conc: 19.60 ug/ml