

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091819AR\
 Data File : FD030738.D
 Signal(s) : FID2B.CH
 Acq On : 18 Sep 2019 9:35
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 18 15:23:28 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090319.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 04 11:39:54 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...	7.593	2794616	17.592 ug/ml
Spiked Amount 50.000		Recovery =	35.18%
6) S 2-Fluorobiphenyl (SURR)	8.456	1821311	16.953 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	33.91%
11) S ortho-Terphenyl (SURR)	11.485	2755137	16.420 ug/ml
Spiked Amount 50.000		Recovery =	32.84%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.399	841460	4.774 ug/ml
2) T Naphthalene (C11.7)	5.935	3251433	17.803 ug/ml
3) T 2-Methylnaphthalene (...)	6.985	3156313	17.620 ug/ml
5) T Acenaphthylene (C15.06)	8.258	2900676	16.947 ug/ml
7) T Acenaphthene (C15.5)	8.553	3027607	17.051 ug/ml
8) T Flouorene (C16.55)	9.332	2906628	16.679 ug/ml
9) T Phenanthrene (C19.36)	10.726	2728403	15.803 ug/ml
10) T Anthracene (C19.43)	10.801	2658164	15.817 ug/ml
12) T Fluoranthene (C21.85)	12.533	2621433	15.368 ug/ml
13) T Pyrene (C20.8)	12.830	2590955	15.297 ug/ml
14) T Benzo[a]anthracene (C...	14.697	2535716	16.038 ug/ml
15) T Chrysene (C27.41)	14.740	2571855	16.098 ug/ml
16) T benzo[b]fluoranthene ...	16.246	2619231	17.222 ug/ml
17) T Bnezo[k]fluoranthene ...	16.278	2620713	17.218 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.624	2607147	17.528 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.988	2599975	18.611 ug/ml
20) T Dibenz[a,h]anthracene...	18.024	2572615	18.730 ug/ml
21) T Benzo[g,h,i]perylene ...	18.243	2595624	19.001 ug/ml

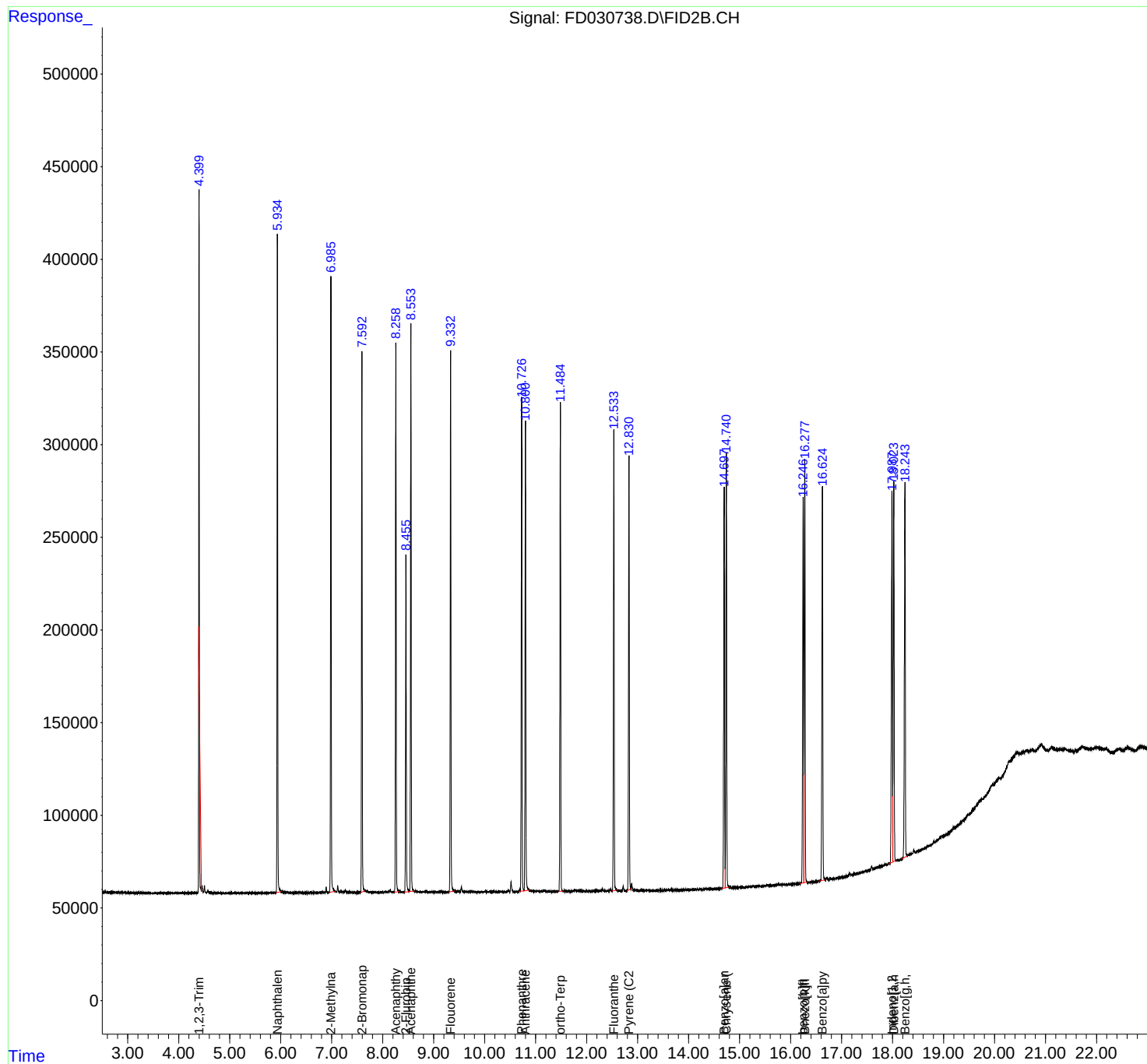
(f)=RT Delta > 1/2 Window

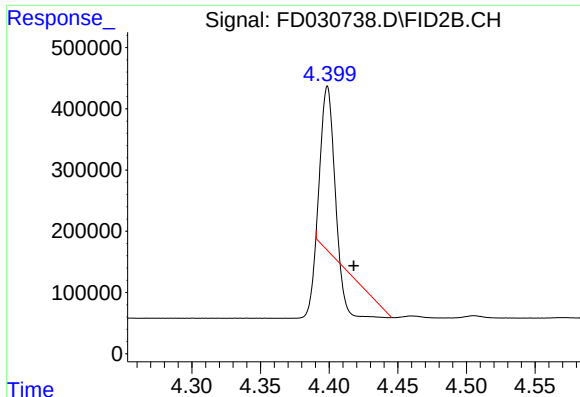
(m)=manual int.

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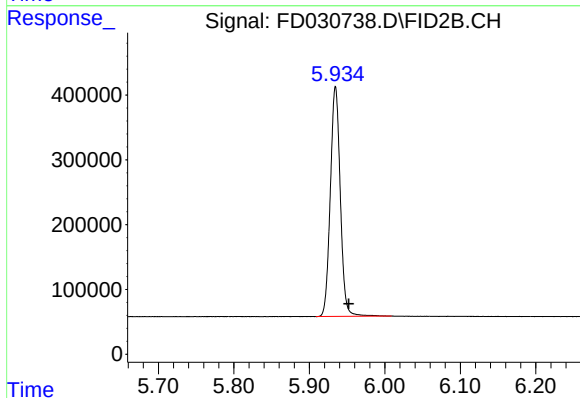
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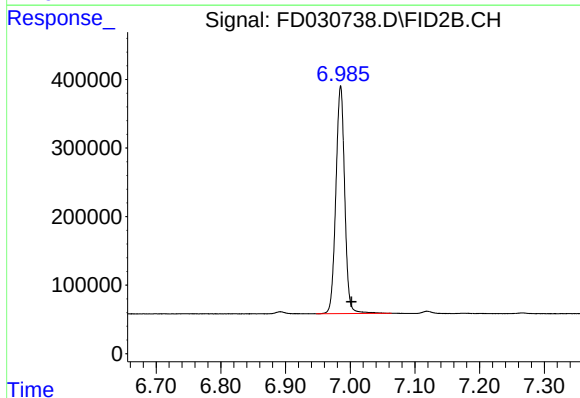
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.399 min
Delta R.T.: -0.019 min
Response: 841460
Conc: 4.77 ug/ml



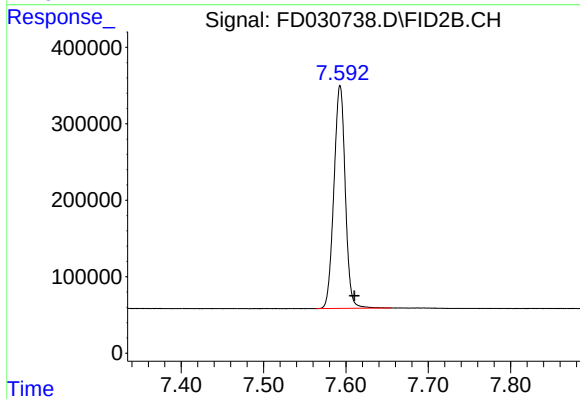
#2 Naphthalene (C11.7)

R.T.: 5.935 min
Delta R.T.: -0.018 min
Response: 3251433
Conc: 17.80 ug/ml



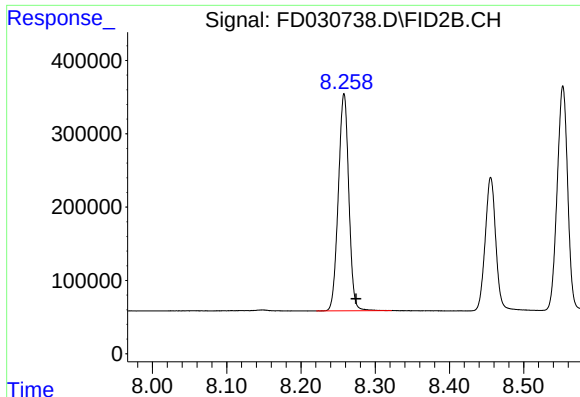
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.985 min
Delta R.T.: -0.017 min
Response: 3156313
Conc: 17.62 ug/ml



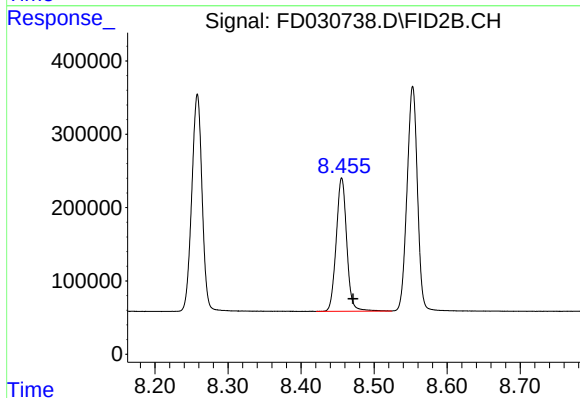
#4 2-Bromonaphthalene (SURR)

R.T.: 7.593 min
Delta R.T.: -0.018 min
Response: 2794616
Conc: 17.59 ug/ml



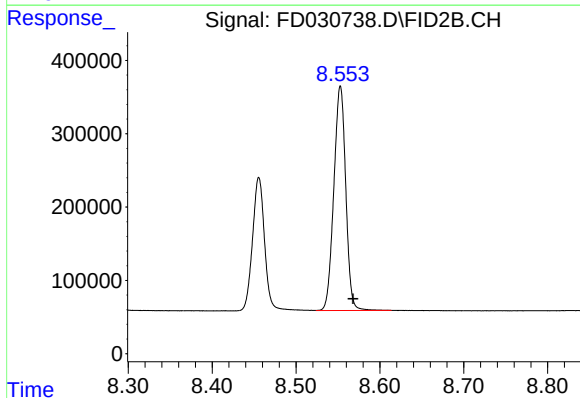
#5 Acenaphthylene (C15.06)

R.T.: 8.258 min
Delta R.T.: -0.016 min
Response: 2900676
Conc: 16.95 ug/ml



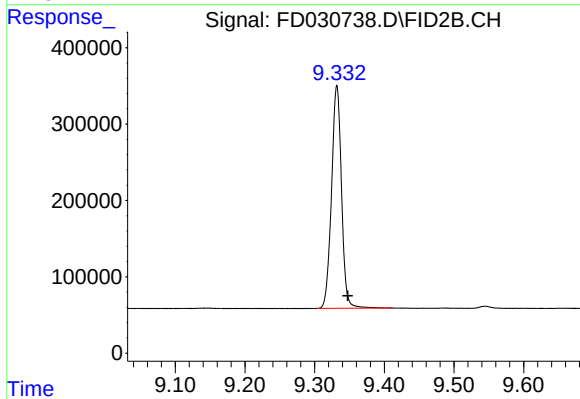
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.456 min
Delta R.T.: -0.016 min
Response: 1821311
Conc: 16.95 ug/ml



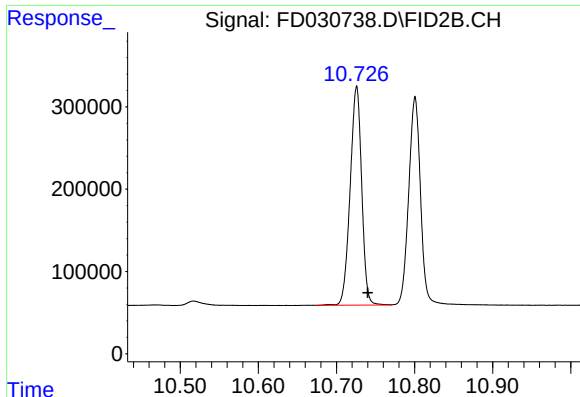
#7 Acenaphthene (C15.5)

R.T.: 8.553 min
Delta R.T.: -0.015 min
Response: 3027607
Conc: 17.05 ug/ml



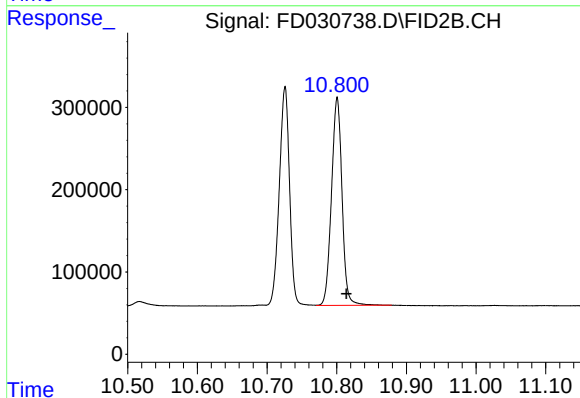
#8 Fluorene (C16.55)

R.T.: 9.332 min
Delta R.T.: -0.016 min
Response: 2906628
Conc: 16.68 ug/ml



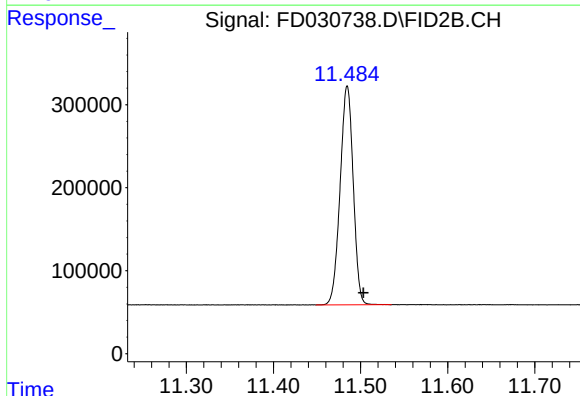
#9 Phenanthrene (C19.36)

R.T.: 10.726 min
Delta R.T.: -0.014 min
Response: 2728403
Conc: 15.80 ug/ml



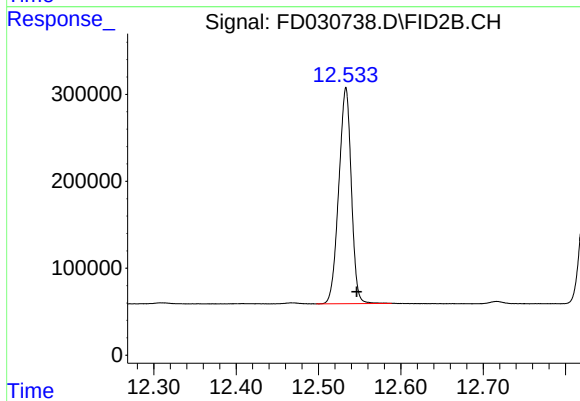
#10 Anthracene (C19.43)

R.T.: 10.801 min
Delta R.T.: -0.013 min
Response: 2658164
Conc: 15.82 ug/ml



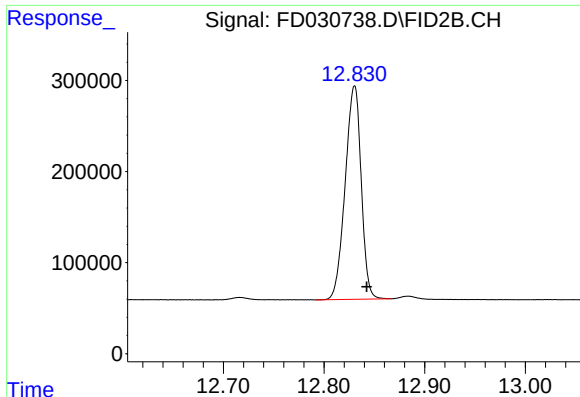
#11 ortho-Terphenyl (SURR)

R.T.: 11.485 min
Delta R.T.: -0.018 min
Response: 2755137
Conc: 16.42 ug/ml



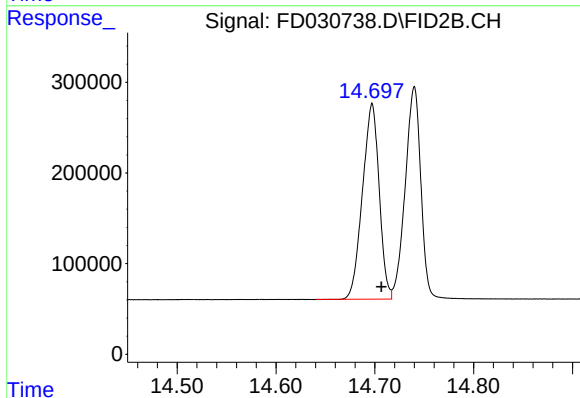
#12 Fluoranthene (C21.85)

R.T.: 12.533 min
Delta R.T.: -0.013 min
Response: 2621433
Conc: 15.37 ug/ml



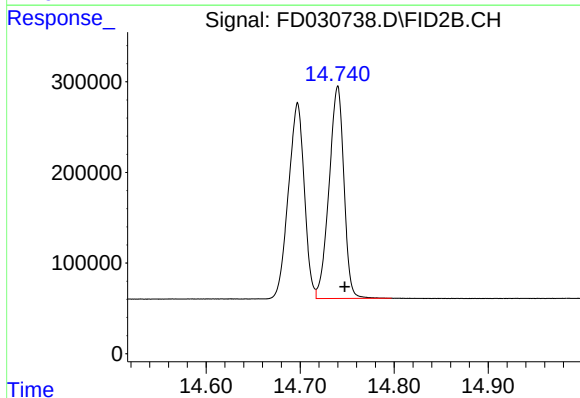
#13 Pyrene (C20.8)

R.T.: 12.830 min
Delta R.T.: -0.012 min
Response: 2590955
Conc: 15.30 ug/ml



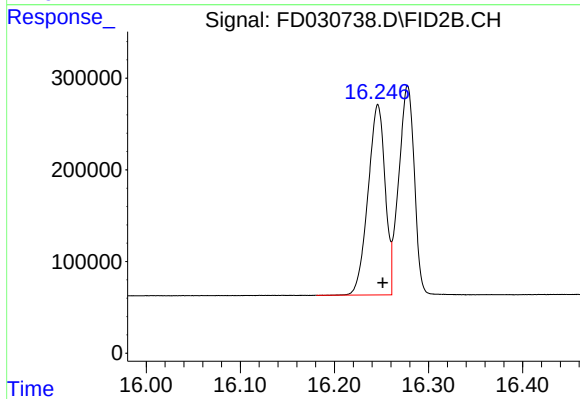
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.697 min
Delta R.T.: -0.010 min
Response: 2535716
Conc: 16.04 ug/ml



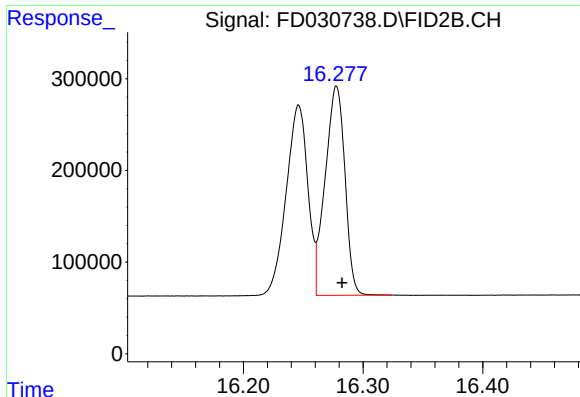
#15 Chrysene (C27.41)

R.T.: 14.740 min
Delta R.T.: -0.007 min
Response: 2571855
Conc: 16.10 ug/ml



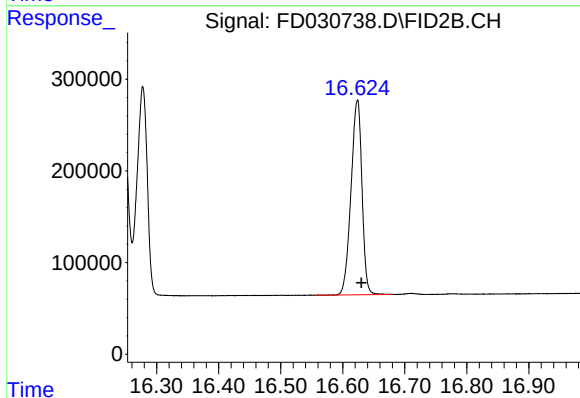
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.246 min
Delta R.T.: -0.005 min
Response: 2619231
Conc: 17.22 ug/ml



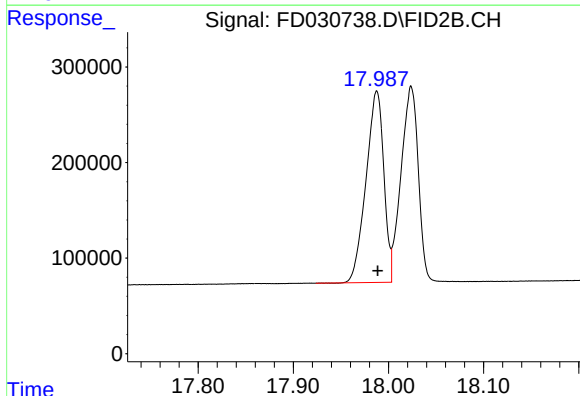
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.278 min
Delta R.T.: -0.005 min
Response: 2620713
Conc: 17.22 ug/ml



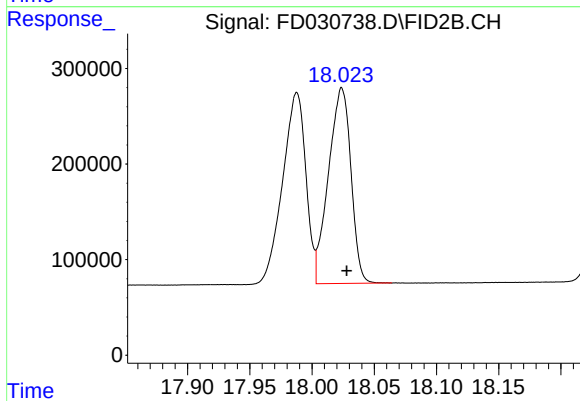
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.624 min
Delta R.T.: -0.006 min
Response: 2607147
Conc: 17.53 ug/ml



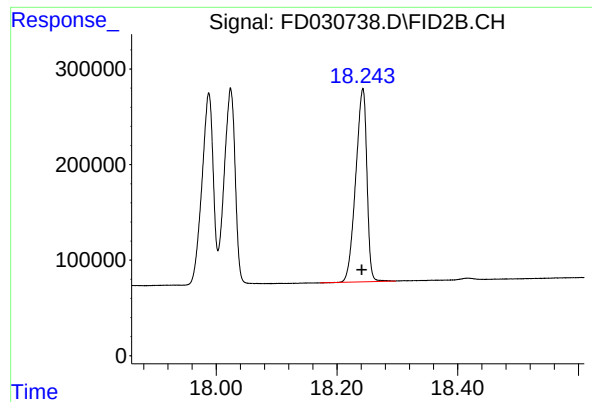
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.988 min
Delta R.T.: -0.001 min
Response: 2599975
Conc: 18.61 ug/ml



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

R.T.: 18.024 min
Delta R.T.: -0.004 min
Response: 2572615
Conc: 18.73 ug/ml



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

R.T.: 18.243 min
Delta R.T.: 0.002 min
Response: 2595624
Conc: 19.00 ug/ml