

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021020AR\
 Data File : FD032328.D
 Signal(s) : FID2B.CH
 Acq On : 10 Feb 2020 21:54
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 11 02:41:36 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020420.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 05 11:53:53 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...	7.629	2573583	18.519 ug/ml
Spiked Amount 50.000		Recovery =	37.04%
6) S 2-Fluorobiphenyl (SURR)	8.490	1755438	18.511 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.02%
11) S ortho-Terphenyl (SURR)	11.527	2677346	18.050 ug/ml
Spiked Amount 50.000		Recovery =	36.10%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.433	2712137	18.728 ug/ml
2) T Naphthalene (C11.7)	5.970	2863079	18.787 ug/ml
3) T 2-Methylnaphthalene (...)	7.020	2824128	18.668 ug/ml
5) T Acenaphthylene (C15.06)	8.294	2686113	18.229 ug/ml
7) T Acenaphthene (C15.5)	8.589	2796473	18.518 ug/ml
8) T Flouorene (C16.55)	9.368	2762309	18.458 ug/ml
9) T Phenanthrene (C19.36)	10.762	2781469	18.391 ug/ml
10) T Anthracene (C19.43)	10.837	2607427	17.578 ug/ml
12) T Fluoranthene (C21.85)	12.572	2721142	18.071 ug/ml
13) T Pyrene (C20.8)	12.869	2681205	17.960 ug/ml
14) T Benzo[a]anthracene (C...	14.739	2513964	17.702 ug/ml
15) T Chrysene (C27.41)	14.781	2535799	17.739 ug/ml
16) T benzo[b]fluoranthene ...	16.289	2450853	17.686 ug/ml
17) T Bnezo[k]fluoranthene ...	16.321	2442202	17.695 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.667	2406615	17.664 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.032	2294732	17.741 ug/ml
20) T Dibenz[a,h]anthracene...	18.071	2361812	18.093 ug/ml
21) T Benzo[g,h,i]perylene ...	18.286	2280090	18.155 ug/ml

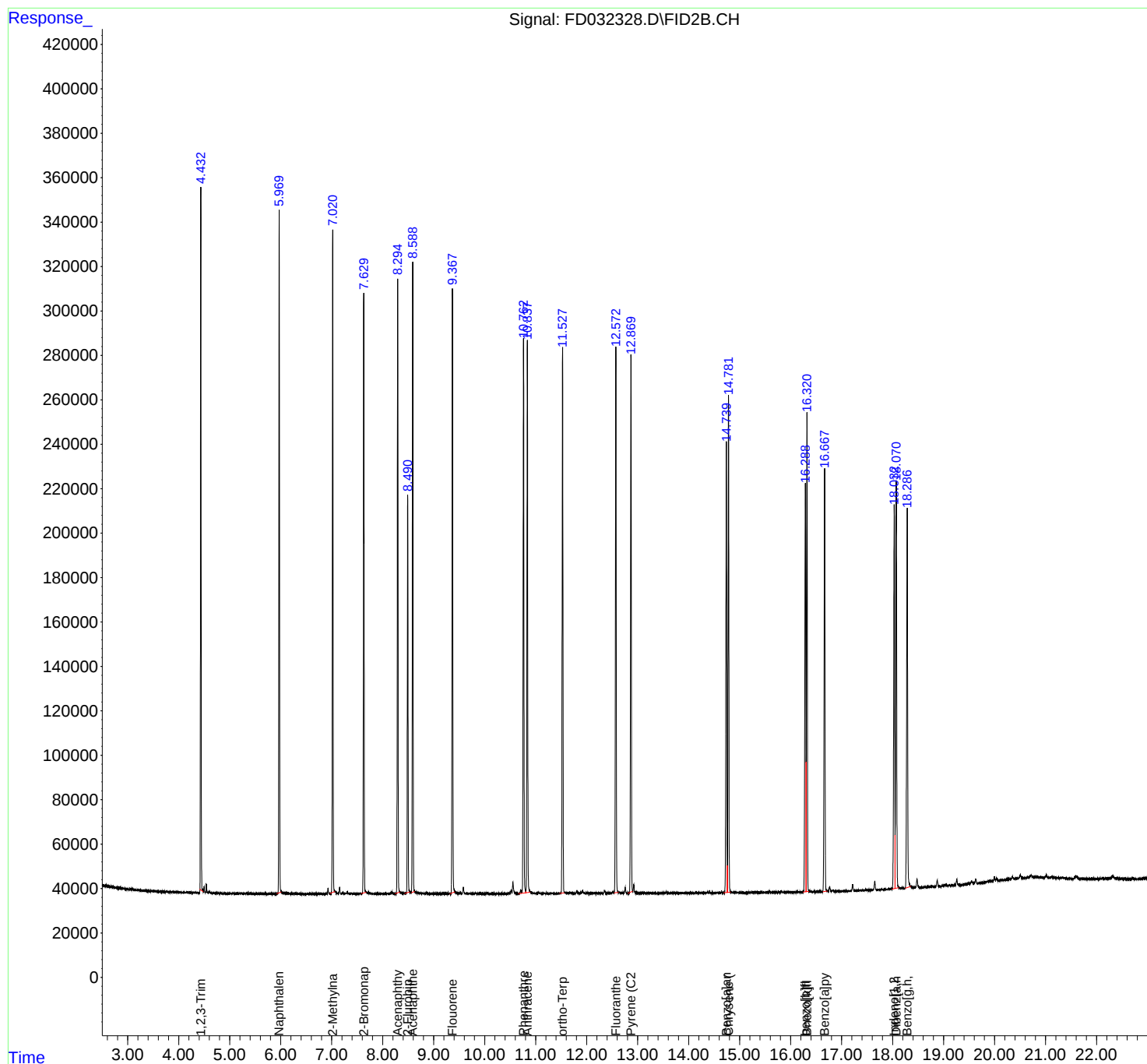
(f)=RT Delta > 1/2 Window

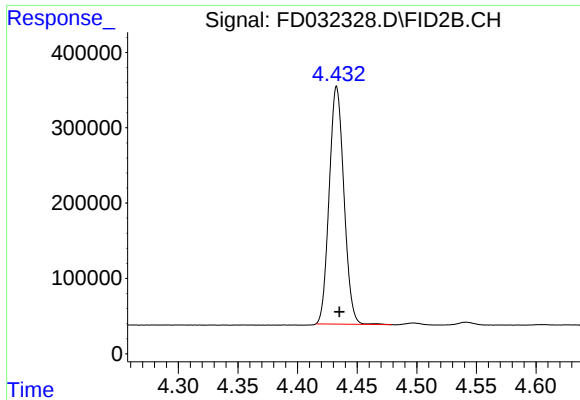
(m)=manual int.

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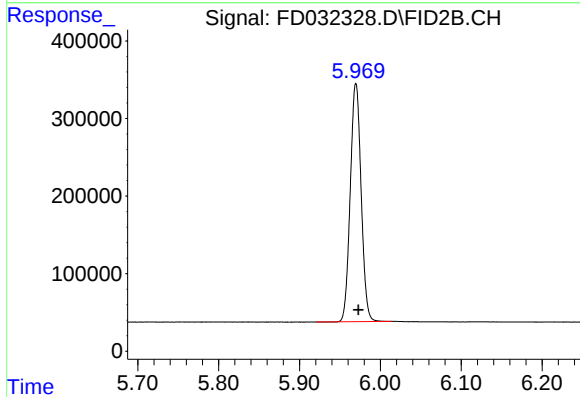
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





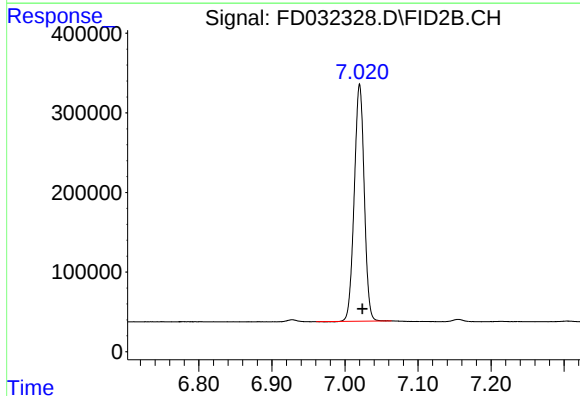
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.433 min
Delta R.T.: -0.002 min
Response: 2712137
Conc: 18.73 ug/ml



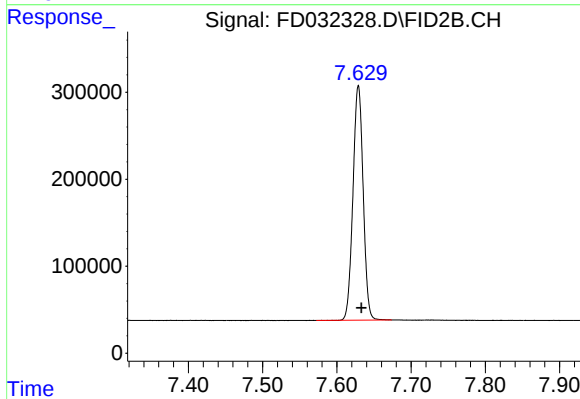
#2 Naphthalene (C11.7)

R.T.: 5.970 min
Delta R.T.: -0.003 min
Response: 2863079
Conc: 18.79 ug/ml



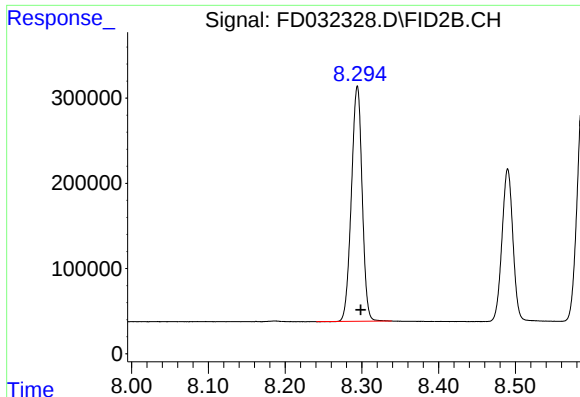
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.020 min
Delta R.T.: -0.004 min
Response: 2824128
Conc: 18.67 ug/ml



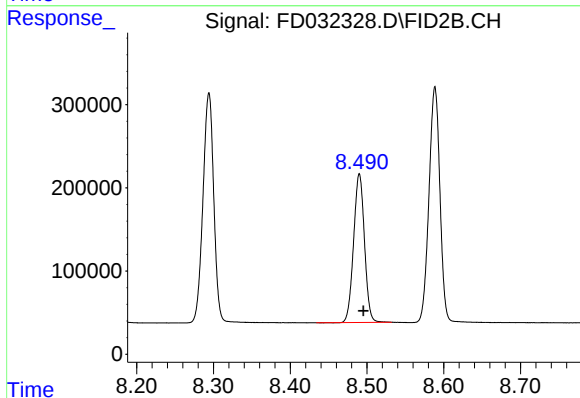
#4 2-Bromonaphthalene (SURR)

R.T.: 7.629 min
Delta R.T.: -0.004 min
Response: 2573583
Conc: 18.52 ug/ml



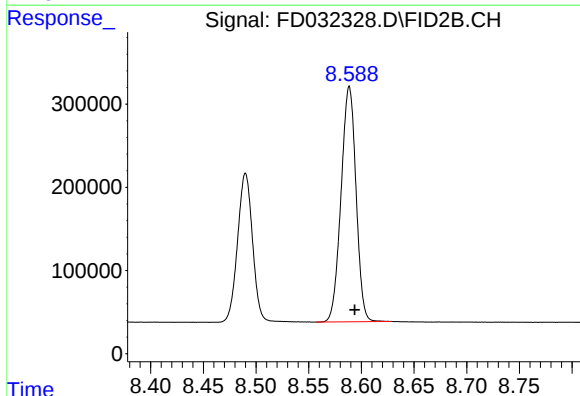
#5 Acenaphthylene (C15.06)

R.T.: 8.294 min
Delta R.T.: -0.005 min
Response: 2686113
Conc: 18.23 ug/ml



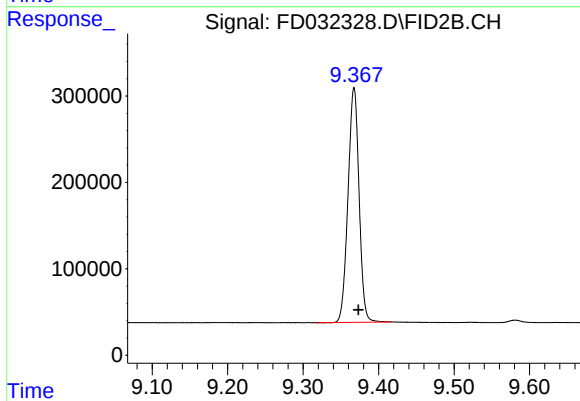
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.490 min
Delta R.T.: -0.005 min
Response: 1755438
Conc: 18.51 ug/ml



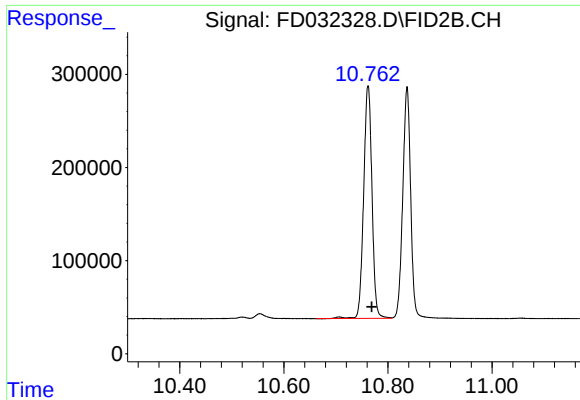
#7 Acenaphthene (C15.5)

R.T.: 8.589 min
Delta R.T.: -0.005 min
Response: 2796473
Conc: 18.52 ug/ml



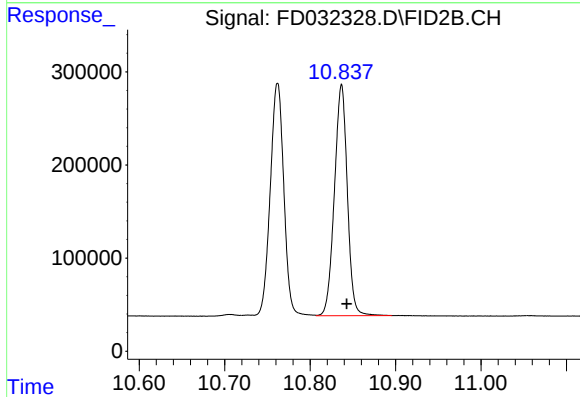
#8 Flouorene (C16.55)

R.T.: 9.368 min
Delta R.T.: -0.006 min
Response: 2762309
Conc: 18.46 ug/ml



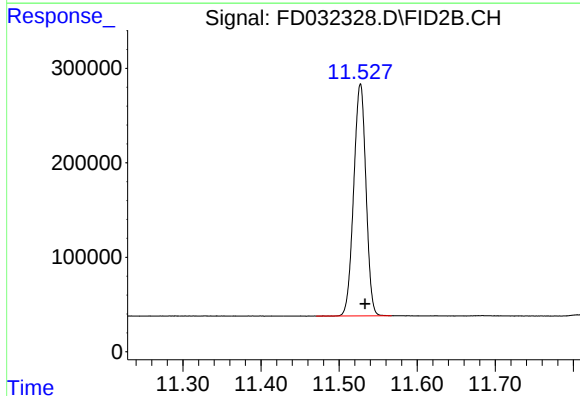
#9 Phenanthrene (C19.36)

R.T.: 10.762 min
Delta R.T.: -0.007 min
Response: 2781469
Conc: 18.39 ug/ml



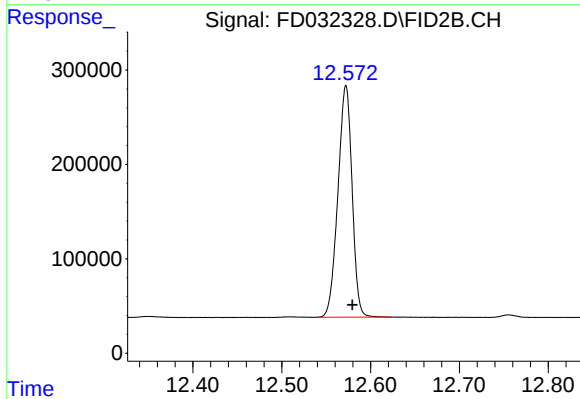
#10 Anthracene (C19.43)

R.T.: 10.837 min
Delta R.T.: -0.006 min
Response: 2607427
Conc: 17.58 ug/ml



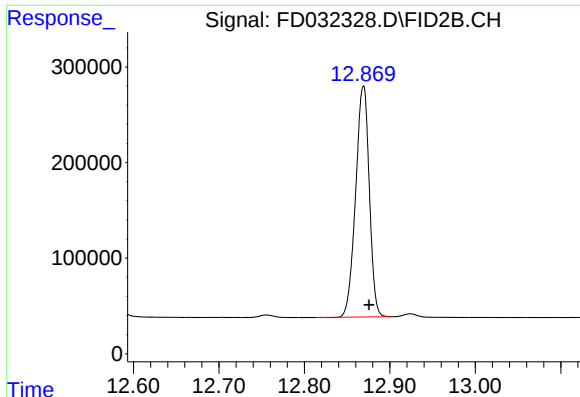
#11 ortho-Terphenyl (SURR)

R.T.: 11.527 min
Delta R.T.: -0.006 min
Response: 2677346
Conc: 18.05 ug/ml



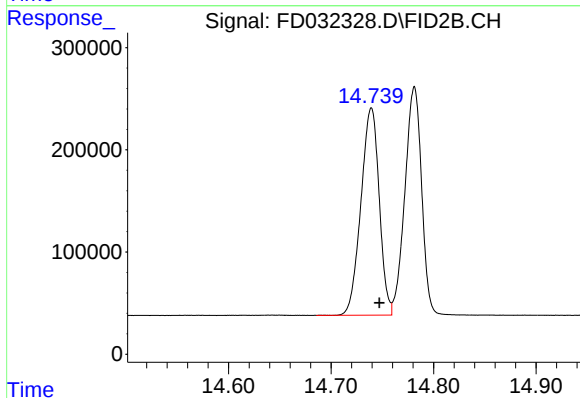
#12 Fluoranthene (C21.85)

R.T.: 12.572 min
Delta R.T.: -0.007 min
Response: 2721142
Conc: 18.07 ug/ml



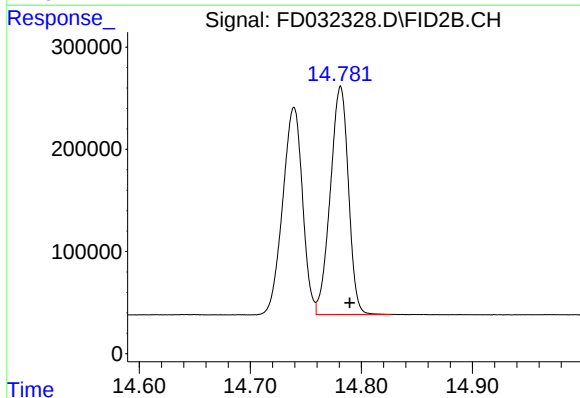
#13 Pyrene (C20.8)

R.T.: 12.869 min
Delta R.T.: -0.007 min
Response: 2681205
Conc: 17.96 ug/ml



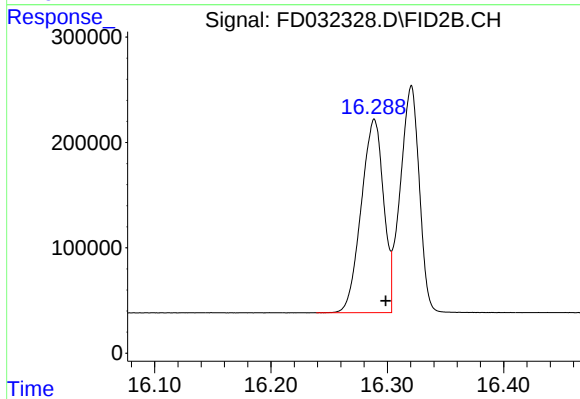
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.739 min
Delta R.T.: -0.008 min
Response: 2513964
Conc: 17.70 ug/ml



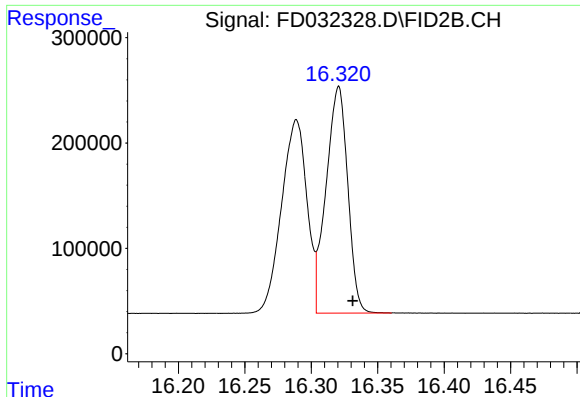
#15 Chrysene (C27.41)

R.T.: 14.781 min
Delta R.T.: -0.008 min
Response: 2535799
Conc: 17.74 ug/ml



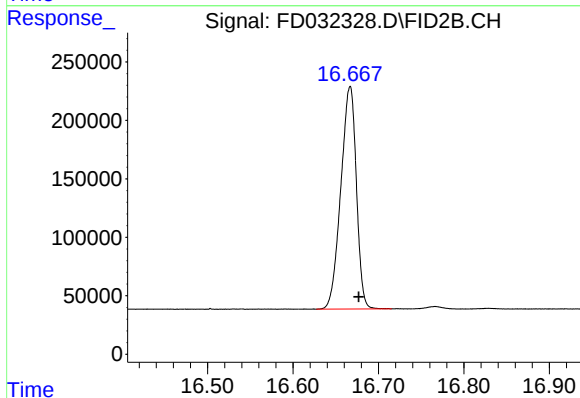
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.289 min
Delta R.T.: -0.010 min
Response: 2450853
Conc: 17.69 ug/ml



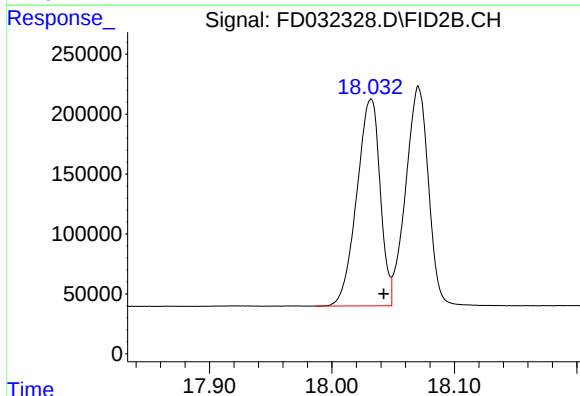
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.321 min
Delta R.T.: -0.010 min
Response: 2442202
Conc: 17.70 ug/ml



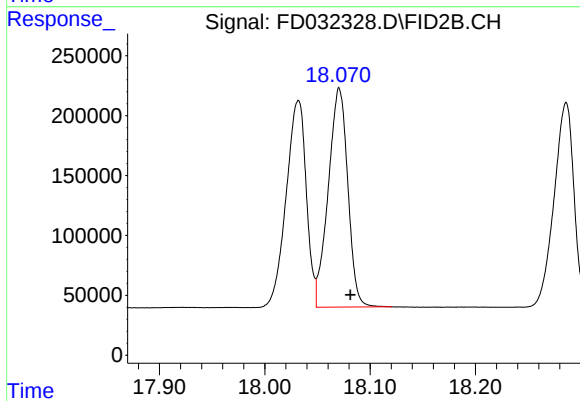
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.667 min
Delta R.T.: -0.010 min
Response: 2406615
Conc: 17.66 ug/ml



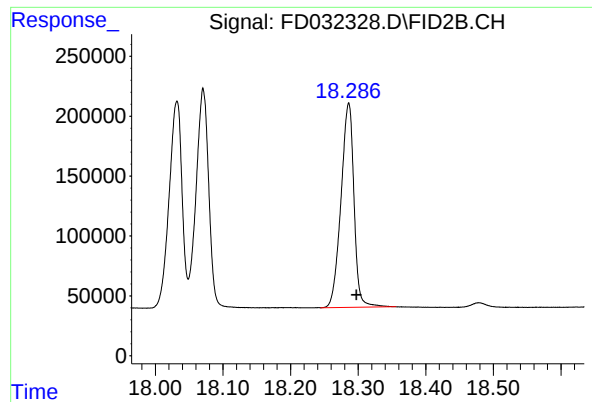
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.032 min
Delta R.T.: -0.010 min
Response: 2294732
Conc: 17.74 ug/ml



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

R.T.: 18.071 min
Delta R.T.: -0.011 min
Response: 2361812
Conc: 18.09 ug/ml



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

R.T.: 18.286 min
Delta R.T.: -0.011 min
Response: 2280090
Conc: 18.15 ug/ml