

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020320AR\
 Data File : FD032268.D
 Signal(s) : FID2B.CH
 Acq On : 03 Feb 2020 16:30
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 04 00:11:06 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...	7.635	2348532	20.892 ug/ml
Spiked Amount 50.000		Recovery =	41.78%
6) S 2-Fluorobiphenyl (SURR)	8.499	1555633	19.959 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.92%
11) S ortho-Terphenyl (SURR)	11.536	2388134	19.241 ug/ml
Spiked Amount 50.000		Recovery =	38.48%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.437	2563048	22.630 ug/ml
2) T Naphthalene (C11.7)	5.976	2644250	21.739 ug/ml
3) T 2-Methylnaphthalene (...)	7.027	2583742	21.096 ug/ml
5) T Acenaphthylene (C15.06)	8.301	2403476	20.080 ug/ml
7) T Acenaphthene (C15.5)	8.597	2513153	20.323 ug/ml
8) T Flouorene (C16.55)	9.377	2447754	19.598 ug/ml
9) T Phenanthrene (C19.36)	10.772	2372839	18.795 ug/ml
10) T Anthracene (C19.43)	10.846	1954869	15.614 ug/ml
12) T Fluoranthene (C21.85)	12.583	2334081	18.236 ug/ml
13) T Pyrene (C20.8)	12.881	2316500	18.406 ug/ml
14) T Benzo[a]anthracene (C...	14.752	2209007	18.090 ug/ml
15) T Chrysene (C27.41)	14.794	2262976	18.389 ug/ml
16) T benzo[b]fluoranthene ...	16.304	2286688	18.937 ug/ml
17) T Bnezo[k]fluoranthene ...	16.304	2286688	18.900 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.683	2266109	18.969 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.049	2244912	19.540 ug/ml
20) T Dibenz[a,h]anthracene...	18.049	2244912	19.198 ug/ml
21) T Benzo[g,h,i]perylene ...	18.304	2243390	19.689 ug/ml

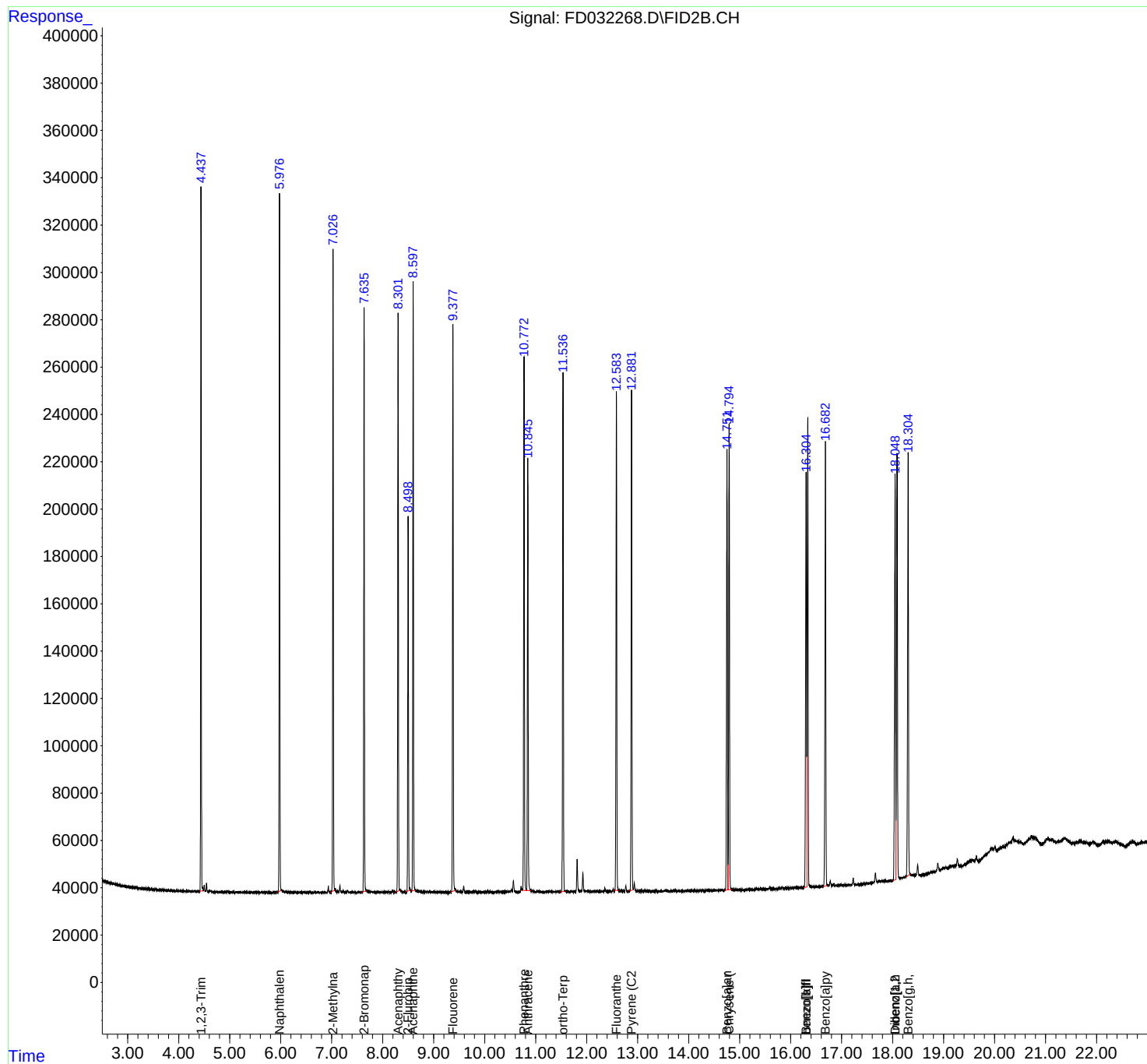
(f)=RT Delta > 1/2 Window

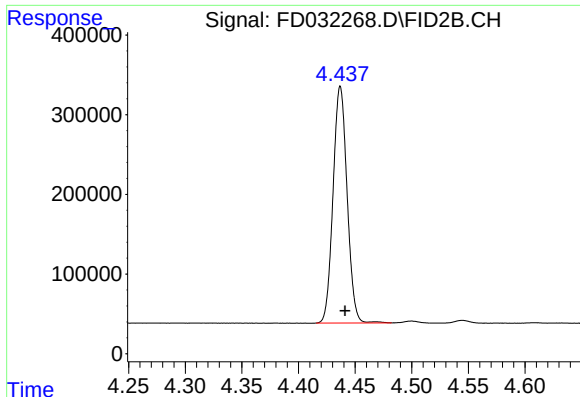
(m)=manual int.

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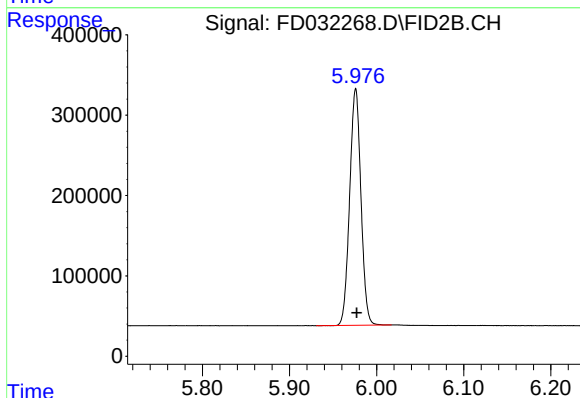
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Signal Info : 20M x 0.18mm x 0.18µm





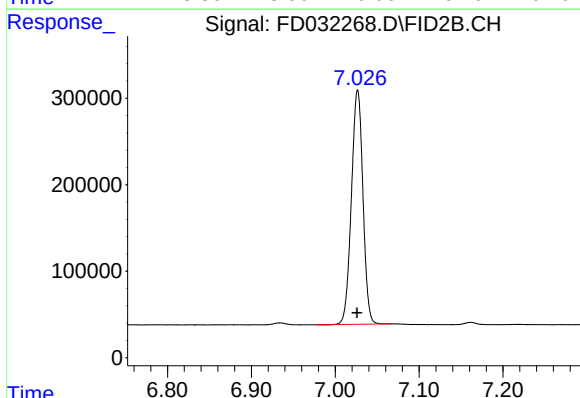
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.437 min
Delta R.T.: -0.004 min
Response: 2563048
Conc: 22.63 ug/ml



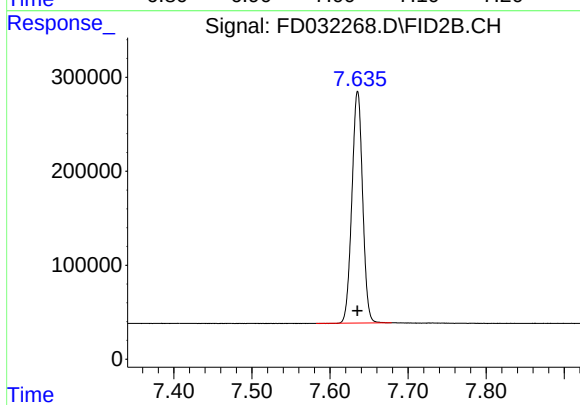
#2 Naphthalene (C11.7)

R.T.: 5.976 min
Delta R.T.: -0.001 min
Response: 2644250
Conc: 21.74 ug/ml



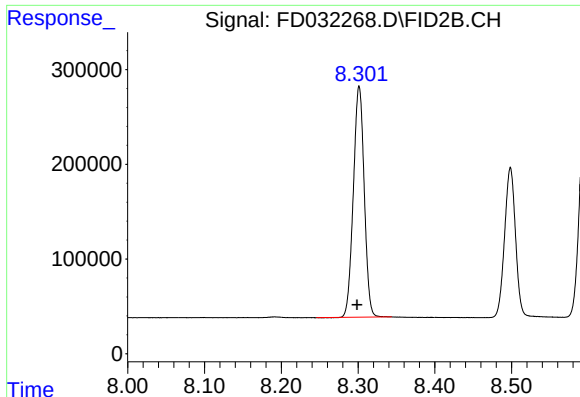
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.027 min
Delta R.T.: 0.000 min
Response: 2583742
Conc: 21.10 ug/ml



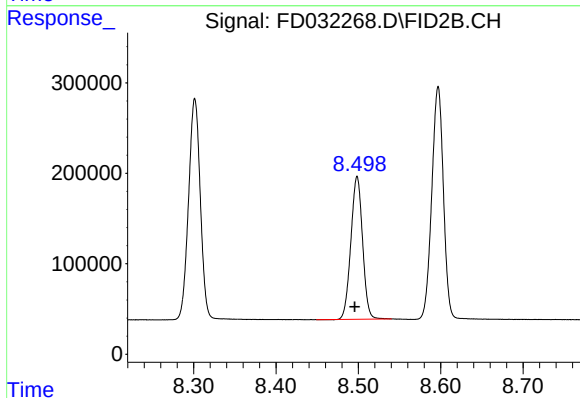
#4 2-Bromonaphthalene (SURR)

R.T.: 7.635 min
Delta R.T.: 0.000 min
Response: 2348532
Conc: 20.89 ug/ml



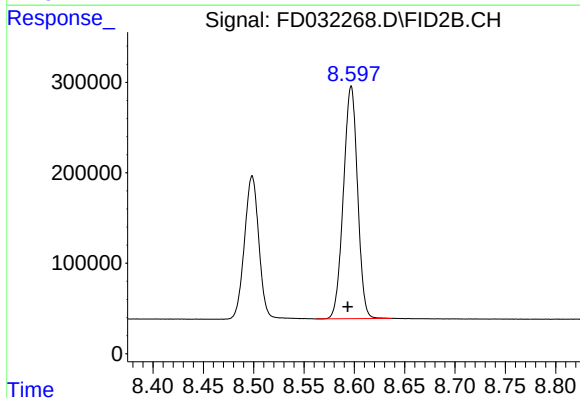
#5 Acenaphthylene (C15.06)

R.T.: 8.301 min
Delta R.T.: 0.003 min
Response: 2403476
Conc: 20.08 ug/ml



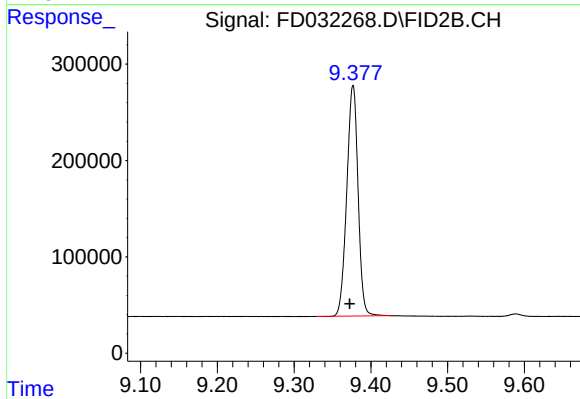
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.499 min
Delta R.T.: 0.003 min
Response: 1555633
Conc: 19.96 ug/ml



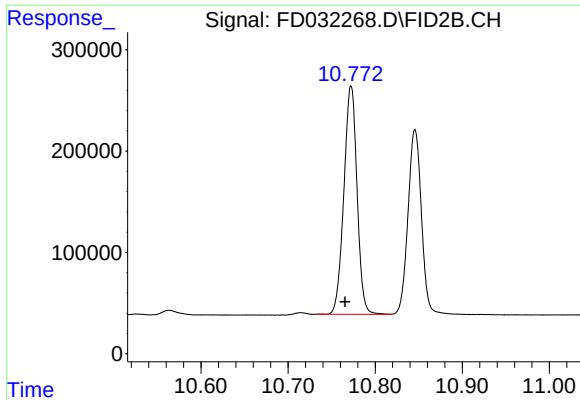
#7 Acenaphthene (C15.5)

R.T.: 8.597 min
Delta R.T.: 0.004 min
Response: 2513153
Conc: 20.32 ug/ml



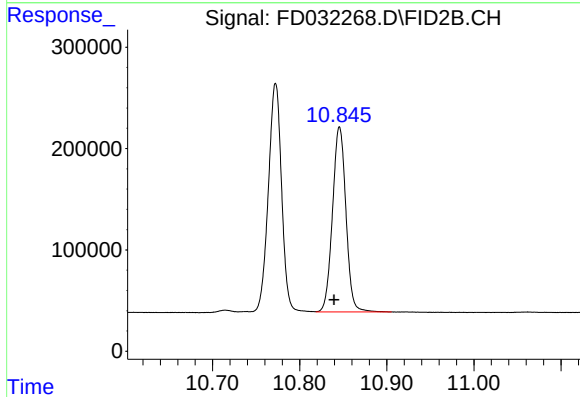
#8 Flouorene (C16.55)

R.T.: 9.377 min
Delta R.T.: 0.004 min
Response: 2447754
Conc: 19.60 ug/ml



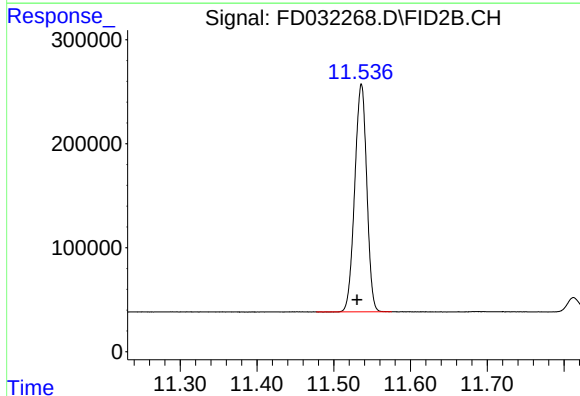
#9 Phenanthrene (C19.36)

R.T.: 10.772 min
Delta R.T.: 0.007 min
Response: 2372839
Conc: 18.80 ug/ml



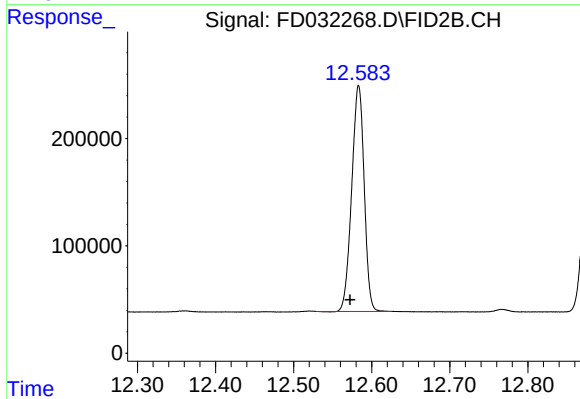
#10 Anthracene (C19.43)

R.T.: 10.846 min
Delta R.T.: 0.006 min
Response: 1954869
Conc: 15.61 ug/ml



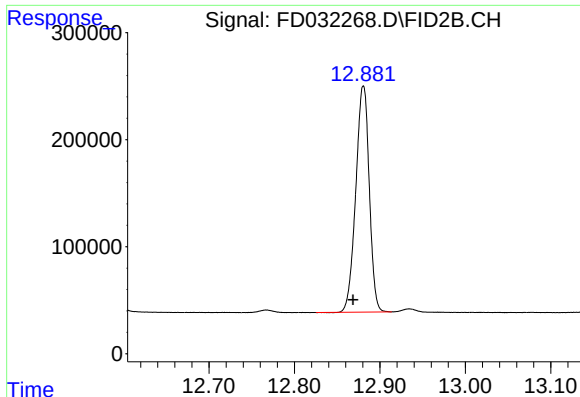
#11 ortho-Terphenyl (SURR)

R.T.: 11.536 min
Delta R.T.: 0.005 min
Response: 2388134
Conc: 19.24 ug/ml



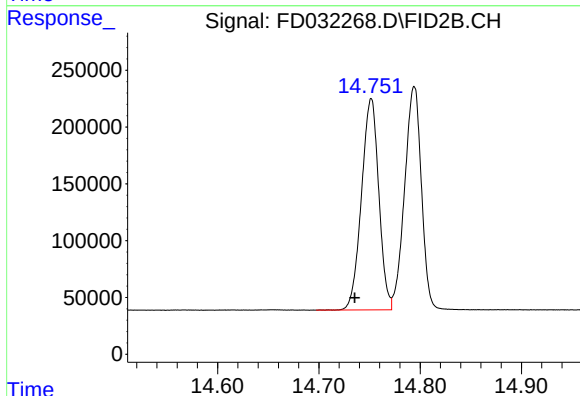
#12 Fluoranthene (C21.85)

R.T.: 12.583 min
Delta R.T.: 0.011 min
Response: 2334081
Conc: 18.24 ug/ml



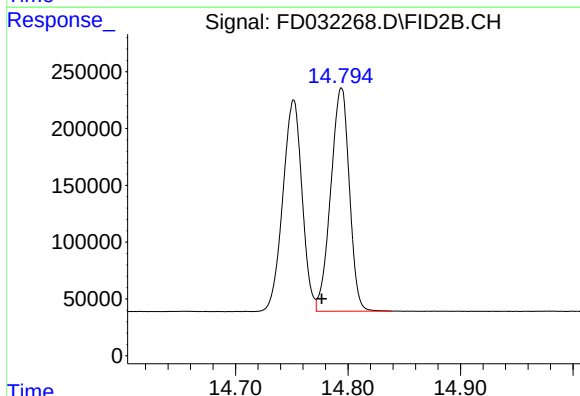
#13 Pyrene (C20.8)

R.T.: 12.881 min
Delta R.T.: 0.012 min
Response: 2316500
Conc: 18.41 ug/ml



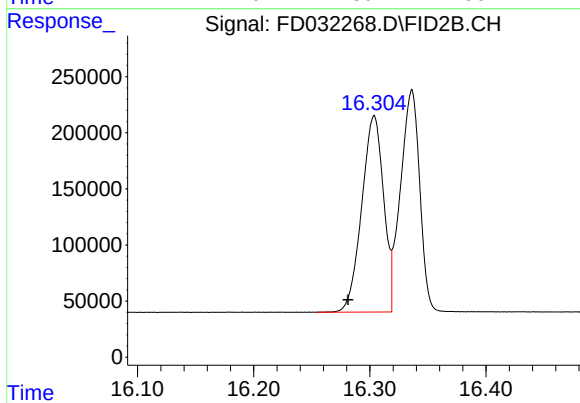
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.752 min
Delta R.T.: 0.016 min
Response: 2209007
Conc: 18.09 ug/ml



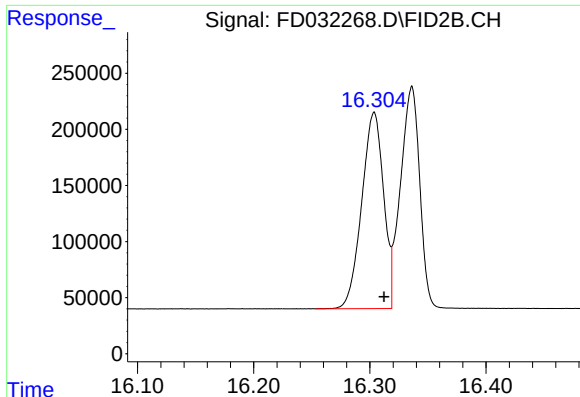
#15 Chrysene (C27.41)

R.T.: 14.794 min
Delta R.T.: 0.018 min
Response: 2262976
Conc: 18.39 ug/ml



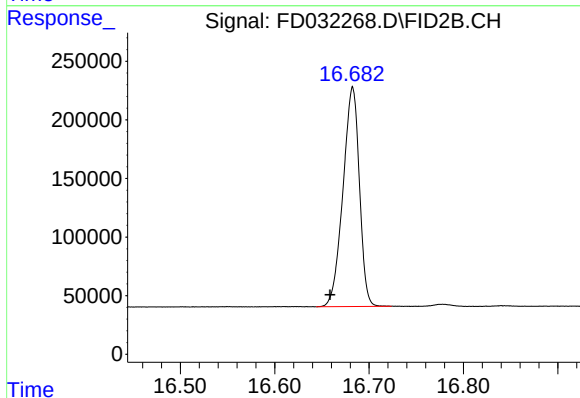
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.304 min
Delta R.T.: 0.022 min
Response: 2286688
Conc: 18.94 ug/ml



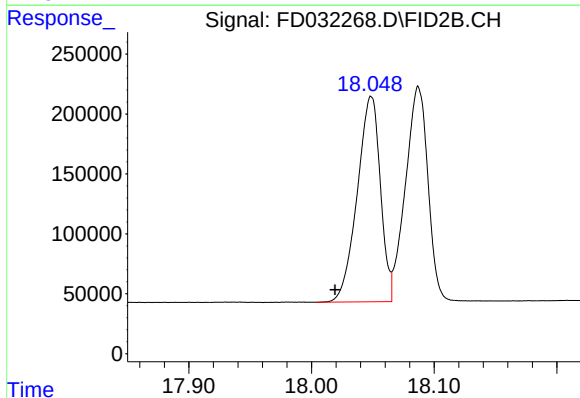
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.304 min
Delta R.T.: -0.008 min
Response: 2286688
Conc: 18.90 ug/ml



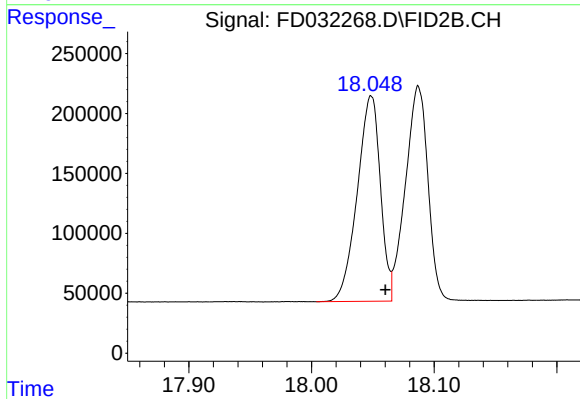
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.683 min
Delta R.T.: 0.024 min
Response: 2266109
Conc: 18.97 ug/ml



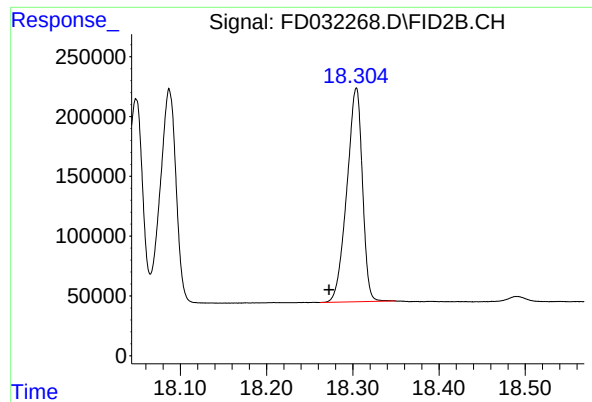
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.049 min
Delta R.T.: 0.030 min
Response: 2244912
Conc: 19.54 ug/ml



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

R.T.: 18.049 min
Delta R.T.: -0.011 min
Response: 2244912
Conc: 19.20 ug/ml



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

R.T.: 18.304 min
Delta R.T.: 0.032 min
Response: 2243390
Conc: 19.69 ug/ml