

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011620AR\
 Data File : FD032023.D
 Signal(s) : FID2B.CH
 Acq On : 16 Jan 2020 14:49
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 16 15:21:51 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	2341529	20.830 ug/ml
Spiked Amount 50.000		Recovery =	41.66%
6) S 2-Fluorobiphenyl (SURR)	8.494	1608252	20.634 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.27%
11) S ortho-Terphenyl (SURR)	11.531	2474751	19.939 ug/ml
Spiked Amount 50.000		Recovery =	39.88%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.436	2460099	21.721 ug/ml
2) T Naphthalene (C11.7)	5.974	2592482	21.314 ug/ml
3) T 2-Methylnaphthalene (...)	7.024	2565735	20.949 ug/ml
5) T Acenaphthylene (C15.06)	8.297	2426871	20.276 ug/ml
7) T Acenaphthene (C15.5)	8.593	2551661	20.634 ug/ml
8) T Flouorene (C16.55)	9.372	2532257	20.275 ug/ml
9) T Phenanthrene (C19.36)	10.766	2508478	19.869 ug/ml
10) T Anthracene (C19.43)	10.840	2284390	18.246 ug/ml
12) T Fluoranthene (C21.85)	12.574	2506657	19.585 ug/ml
13) T Pyrene (C20.8)	12.871	2504257	19.897 ug/ml
14) T Benzo[a]anthracene (C...	14.740	2337252	19.140 ug/ml
15) T Chrysene (C27.41)	14.782	2362514	19.198 ug/ml
16) T benzo[b]fluoranthene ...	16.288	2339572	19.375 ug/ml
17) T Bnezo[k]fluoranthene ...	16.320	2320261	19.178 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.666	2276734	19.057 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.029	2250003	19.584 ug/ml
20) T Dibenz[a,h]anthracene...	18.068	2367301	20.244 ug/ml
21) T Benzo[g,h,i]perylene ...	18.283	2235674	19.621 ug/ml

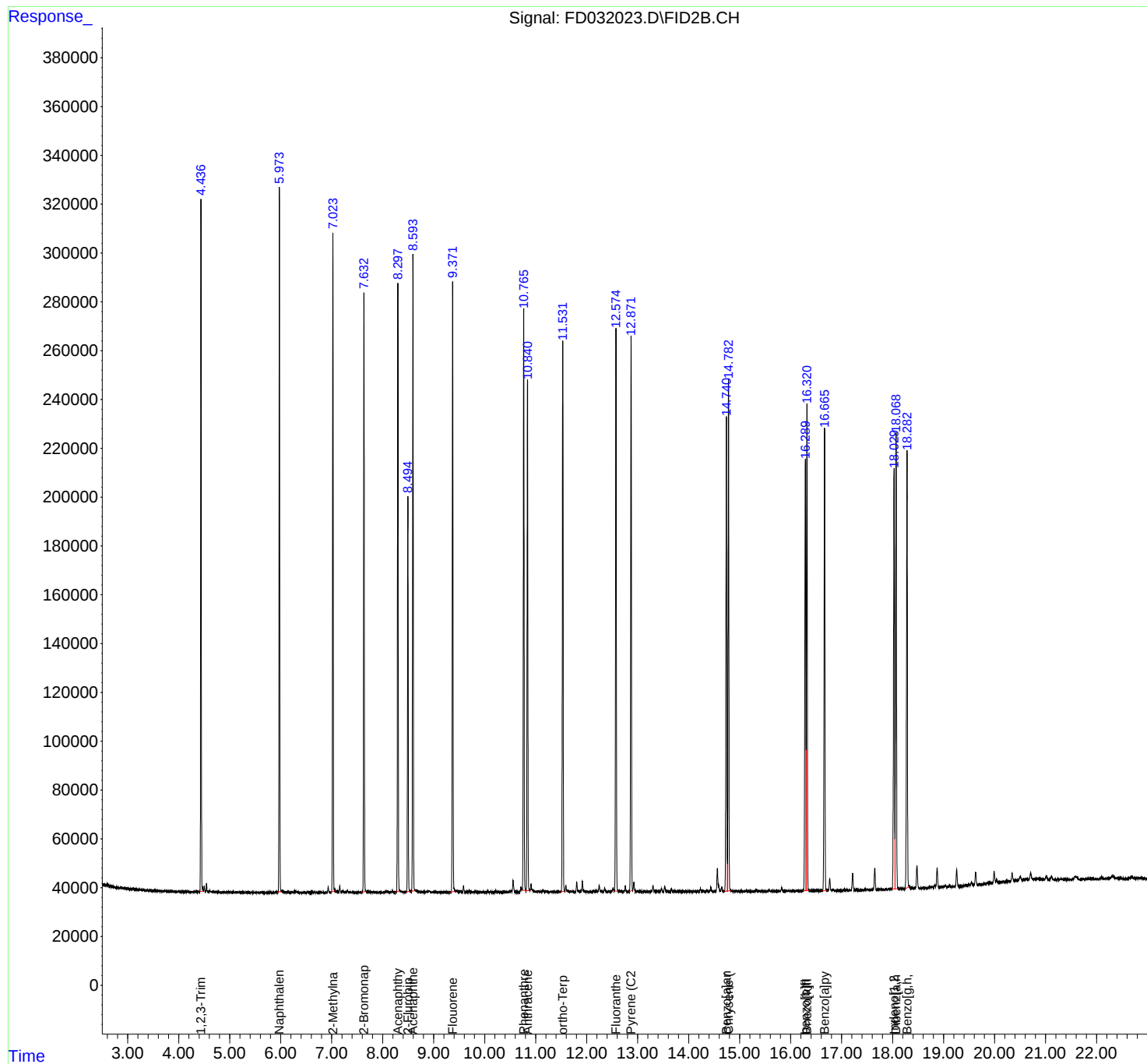
(f)=RT Delta > 1/2 Window

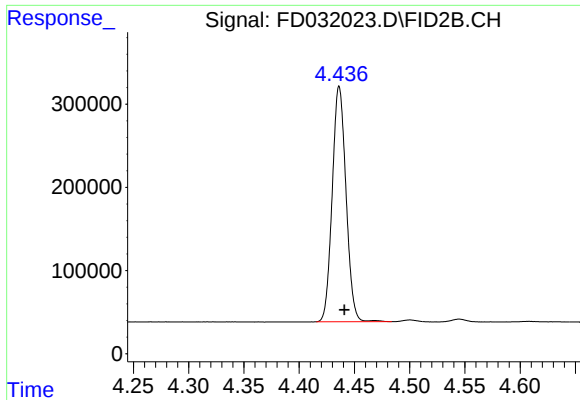
(m)=manual int.

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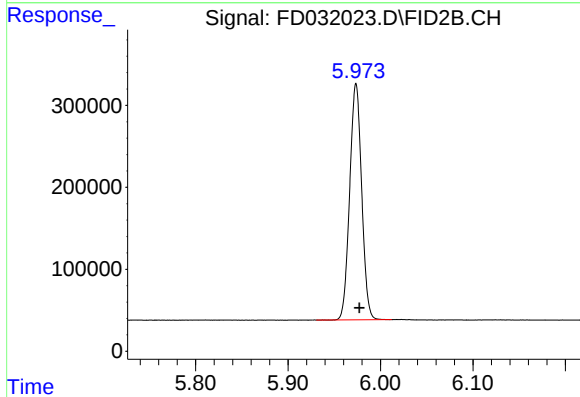
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Signal Info : 20M x 0.18mm x 0.18µm





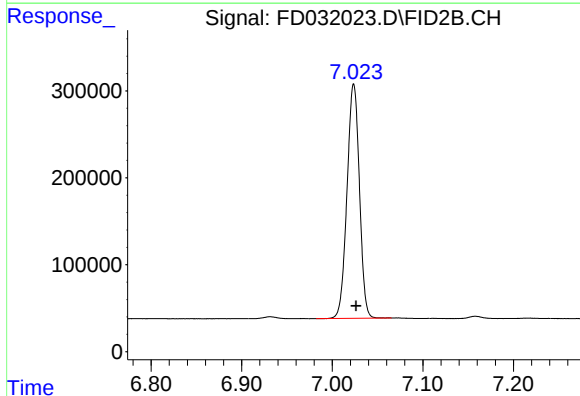
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.436 min
Delta R.T.: -0.005 min
Response: 2460099
Conc: 21.72 ug/ml



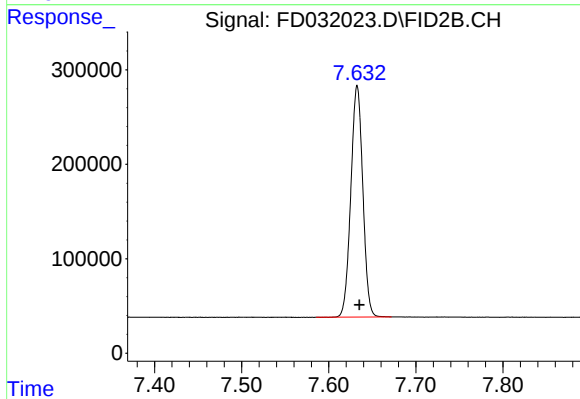
#2 Naphthalene (C11.7)

R.T.: 5.974 min
Delta R.T.: -0.004 min
Response: 2592482
Conc: 21.31 ug/ml



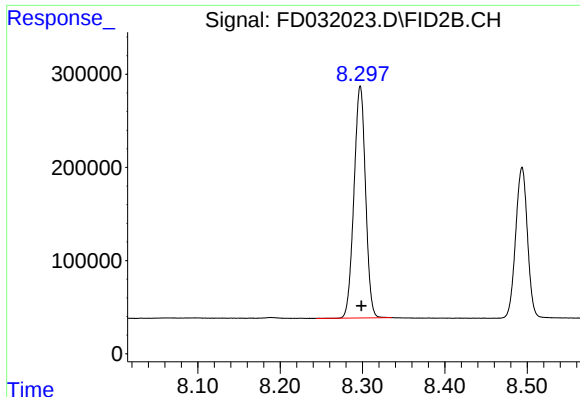
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.024 min
Delta R.T.: -0.002 min
Response: 2565735
Conc: 20.95 ug/ml



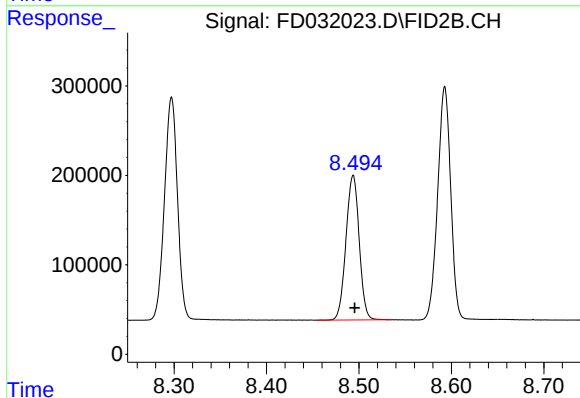
#4 2-Bromonaphthalene (SURR)

R.T.: 7.633 min
Delta R.T.: -0.003 min
Response: 2341529
Conc: 20.83 ug/ml



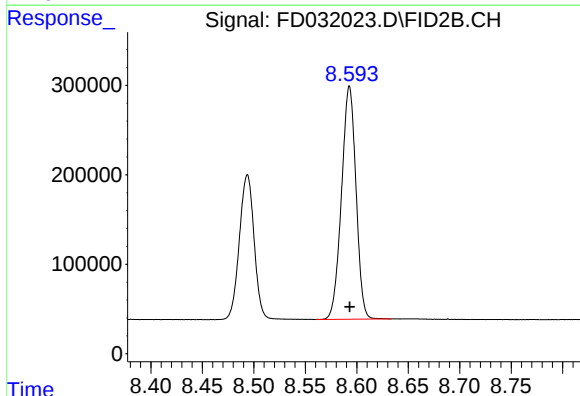
#5 Acenaphthylene (C15.06)

R.T.: 8.297 min
Delta R.T.: -0.002 min
Response: 2426871
Conc: 20.28 ug/ml



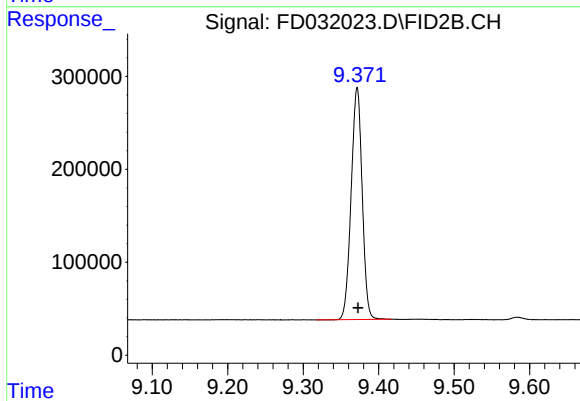
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.494 min
Delta R.T.: -0.002 min
Response: 1608252
Conc: 20.63 ug/ml



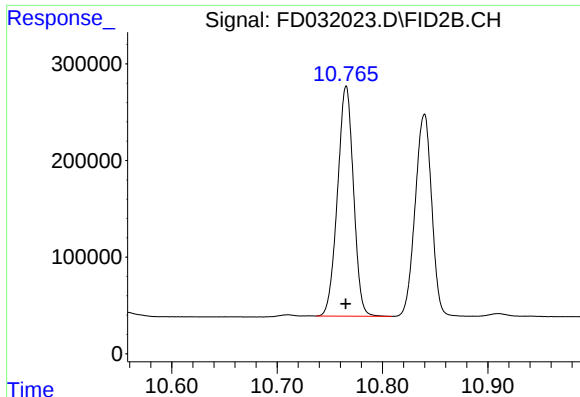
#7 Acenaphthene (C15.5)

R.T.: 8.593 min
Delta R.T.: 0.000 min
Response: 2551661
Conc: 20.63 ug/ml



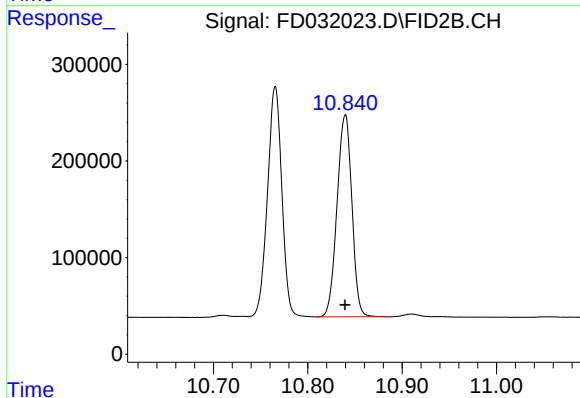
#8 Flouorene (C16.55)

R.T.: 9.372 min
Delta R.T.: -0.001 min
Response: 2532257
Conc: 20.27 ug/ml



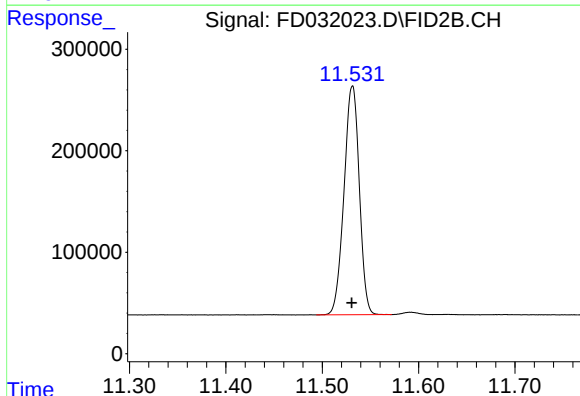
#9 Phenanthrene (C19.36)

R.T.: 10.766 min
Delta R.T.: 0.000 min
Response: 2508478
Conc: 19.87 ug/ml



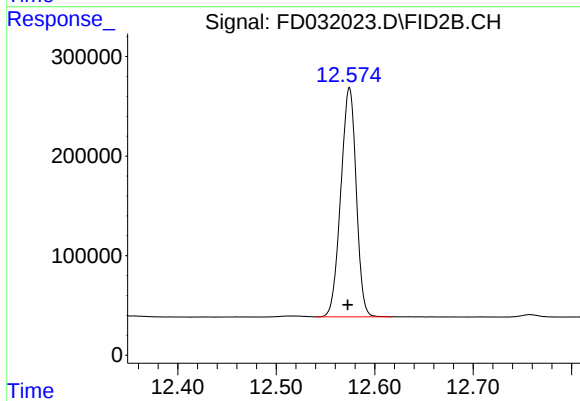
#10 Anthracene (C19.43)

R.T.: 10.840 min
Delta R.T.: 0.000 min
Response: 2284390
Conc: 18.25 ug/ml



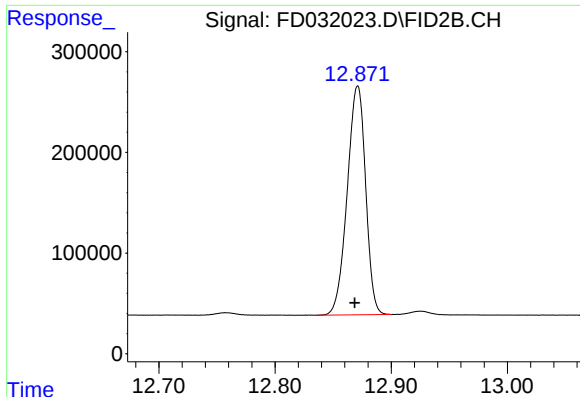
#11 ortho-Terphenyl (SURR)

R.T.: 11.531 min
Delta R.T.: 0.000 min
Response: 2474751
Conc: 19.94 ug/ml



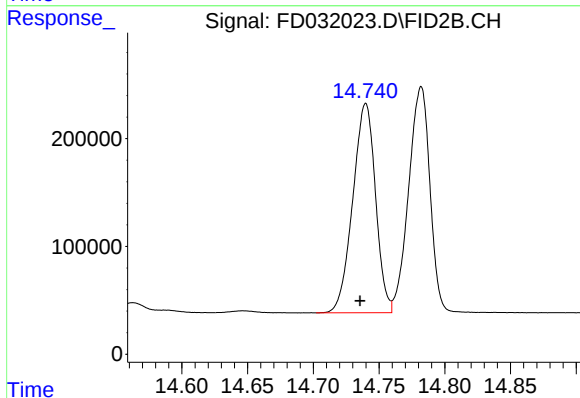
#12 Fluoranthene (C21.85)

R.T.: 12.574 min
Delta R.T.: 0.002 min
Response: 2506657
Conc: 19.58 ug/ml



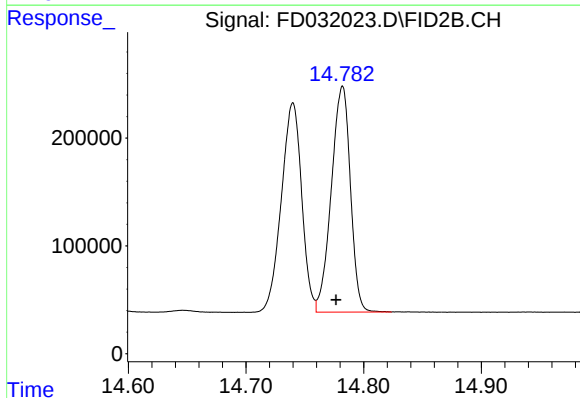
#13 Pyrene (C20.8)

R.T.: 12.871 min
Delta R.T.: 0.003 min
Response: 2504257
Conc: 19.90 ug/ml



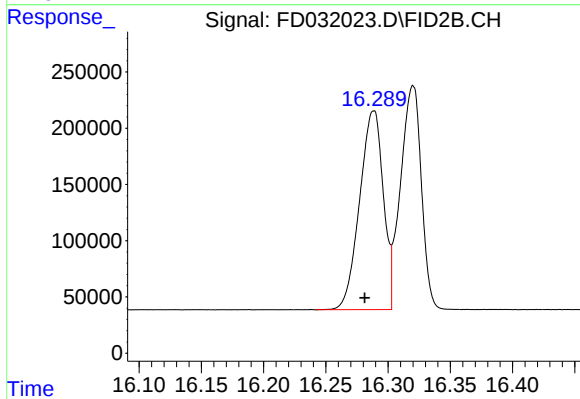
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.740 min
Delta R.T.: 0.004 min
Response: 2337252
Conc: 19.14 ug/ml



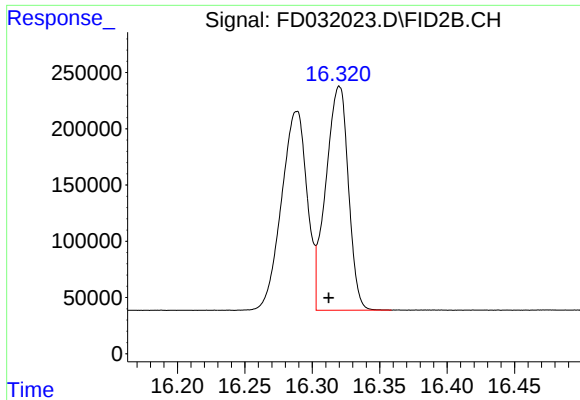
#15 Chrysene (C27.41)

R.T.: 14.782 min
Delta R.T.: 0.005 min
Response: 2362514
Conc: 19.20 ug/ml



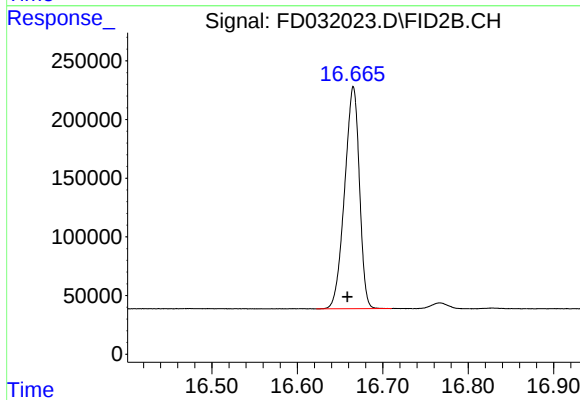
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.288 min
Delta R.T.: 0.007 min
Response: 2339572
Conc: 19.37 ug/ml



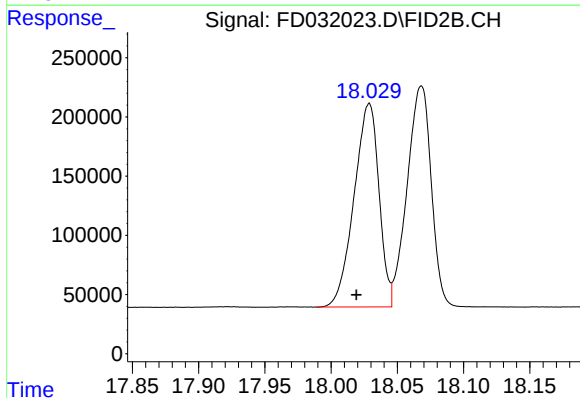
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.320 min
Delta R.T.: 0.008 min
Response: 2320261
Conc: 19.18 ug/ml



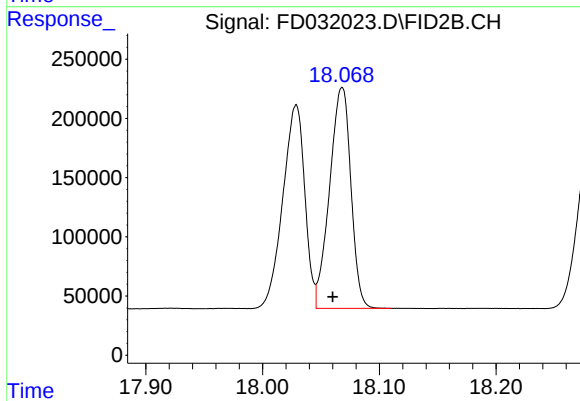
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.666 min
Delta R.T.: 0.007 min
Response: 2276734
Conc: 19.06 ug/ml



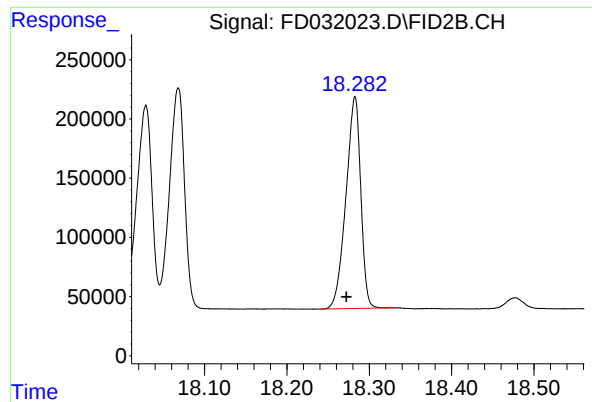
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.029 min
Delta R.T.: 0.010 min
Response: 2250003
Conc: 19.58 ug/ml



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

R.T.: 18.068 min
Delta R.T.: 0.008 min
Response: 2367301
Conc: 20.24 ug/ml



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

R.T.: 18.283 min
Delta R.T.: 0.010 min
Response: 2235674
Conc: 19.62 ug/ml