

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032823AR\
 Data File : FD045358.D
 Signal(s) : FID2B.ch
 Acq On : 27 Mar 2023 18:38
 Operator : YP/AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 28 05:51:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 0302823.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 28 05:51:24 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	7.551	6519531	49.694 ug/ml
Spiked Amount 50.000		Recovery =	99.39%
6) S 2-Fluorobiphenyl (SURR)	8.407	4305857	49.779 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	99.56%
11) S ortho-Terphenyl (SURR)	11.448	8181322	49.661 ug/ml
Spiked Amount 50.000		Recovery =	99.32%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.359	7315310	49.660 ug/ml
2) T Naphthalene (C11.7)	5.891	7619884	49.865 ug/ml
3) T 2-Methylnaphthalene (...)	6.940	7568089	49.600 ug/ml
5) T Acenaphthylene (C15.06)	8.212	6965260	49.764 ug/ml
7) T Acenaphthene (C15.5)	8.508	7385839	49.718 ug/ml
8) T Fluorene (C16.55)	9.286	7139998	49.816 ug/ml
9) T Phenanthrene (C19.36)	10.678	6944407	49.827 ug/ml
10) T Anthracene (C19.43)	10.753	6649274	49.839 ug/ml
12) T Fluoranthene (C21.85)	12.484	6831344	49.733 ug/ml
13) T Pyrene (C20.8)	12.779	6681478	49.754 ug/ml
14) T Benzo[a]anthracene (C...	14.644	6110414	49.806 ug/ml
15) T Chrysene (C27.41)	14.688	6270257	49.811 ug/ml
16) T benzo[b]fluoranthene ...	16.188	6199124	49.885 ug/ml
17) T Bnezo[k]fluoranthene ...	16.223	6042447	50.174 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.565	6000816	49.879 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.923	5703709	49.866 ug/ml
20) T Dibenz[a,h]anthracene...	17.964	5610713	50.360 ug/ml
21) T Benzo[g,h,i]perylene ...	18.179	5931911	49.959 ug/ml

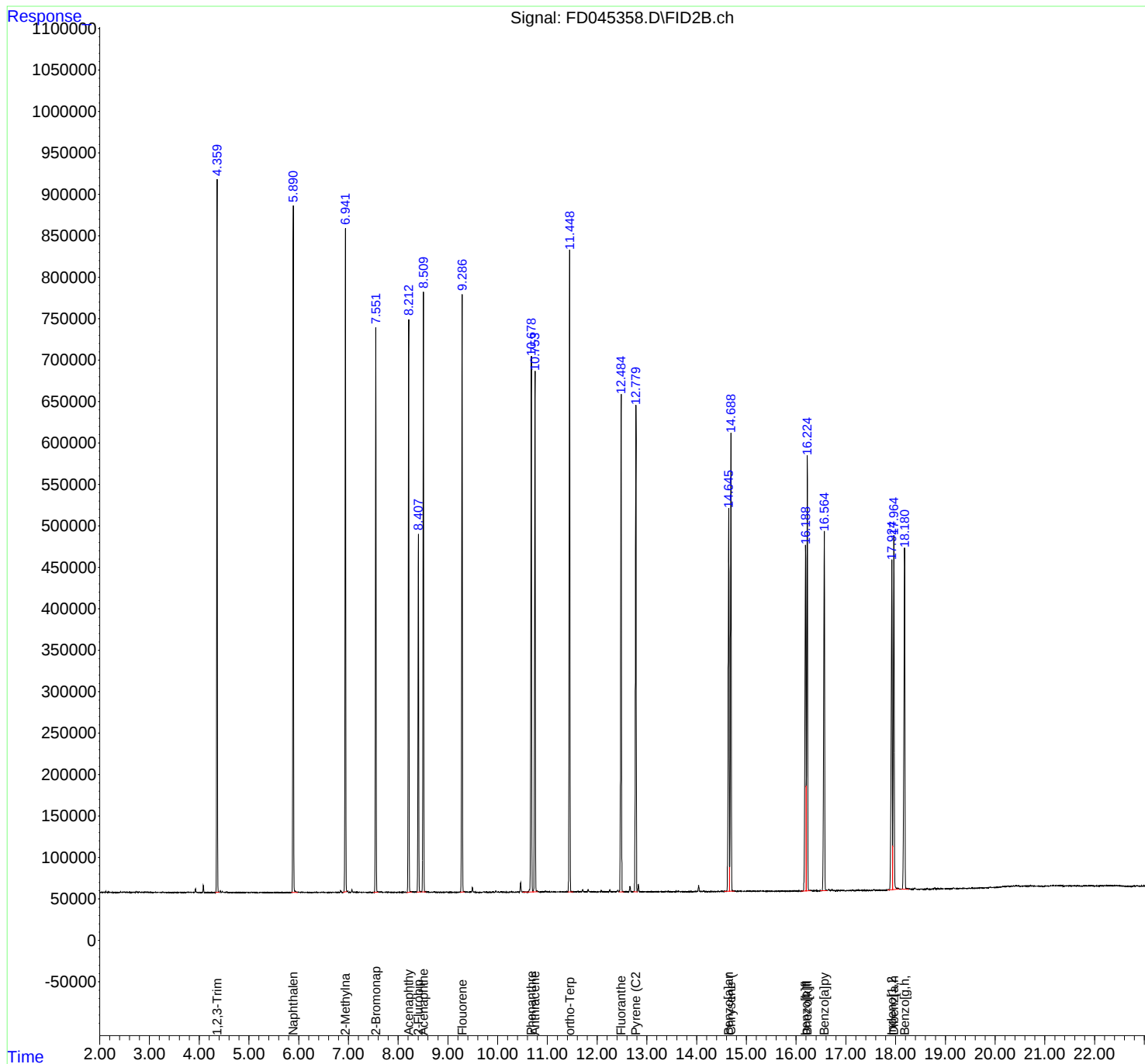
(f)=RT Delta > 1/2 Window

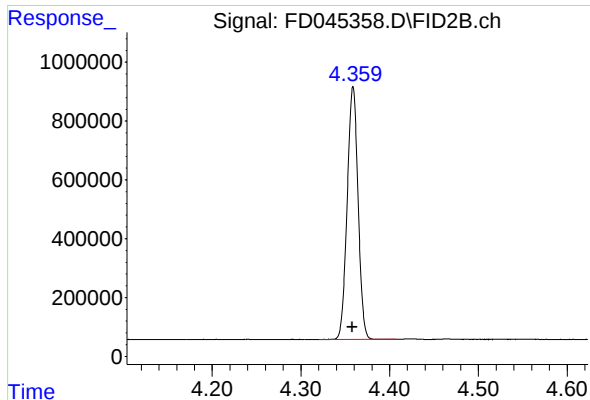
(m)=manual int.

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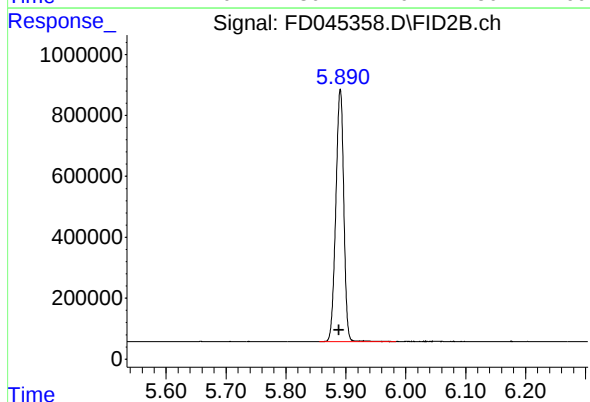
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





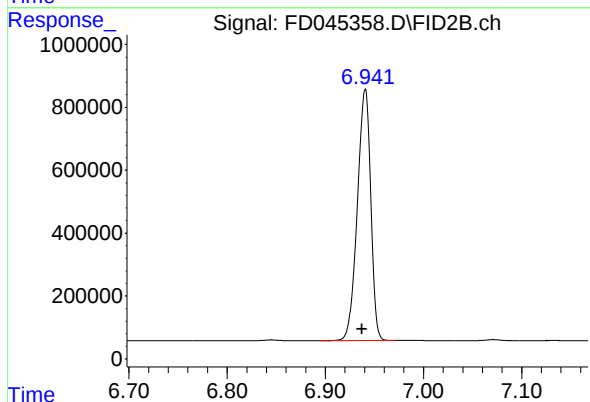
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.359 min
Delta R.T.: 0.000 min
Response: 7315310
Conc: 49.66 ug/ml



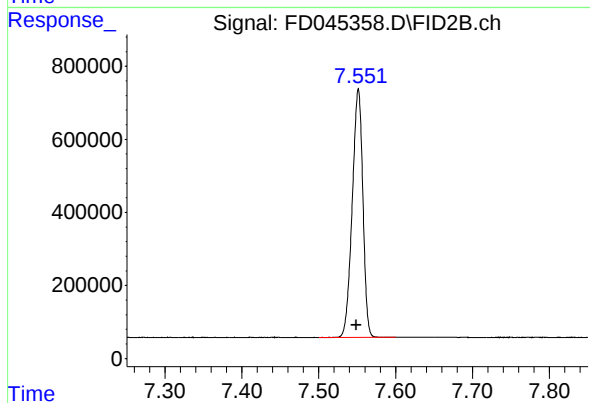
#2 Naphthalene (C11.7)

R.T.: 5.891 min
Delta R.T.: 0.002 min
Response: 7619884
Conc: 49.86 ug/ml



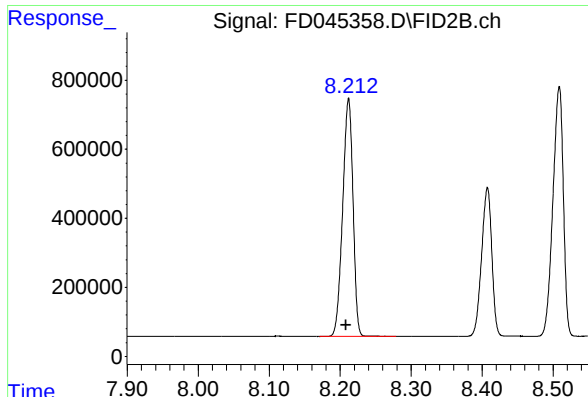
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.940 min
Delta R.T.: 0.003 min
Response: 7568089
Conc: 49.60 ug/ml



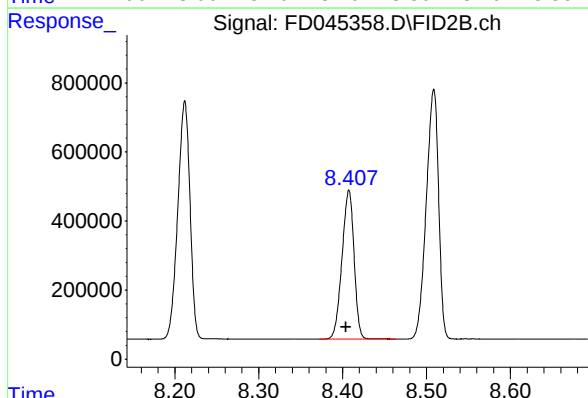
#4 2-Bromonaphthalene (SURR)

R.T.: 7.551 min
Delta R.T.: 0.003 min
Response: 6519531
Conc: 49.69 ug/ml



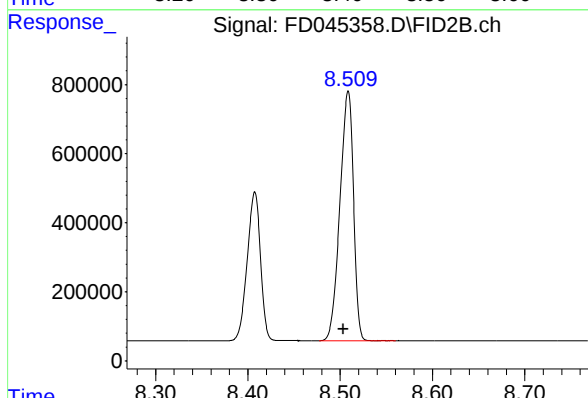
#5 Acenaphthylene (C15.06)

R.T.: 8.212 min
Delta R.T.: 0.003 min
Response: 6965260
Conc: 49.76 ug/ml



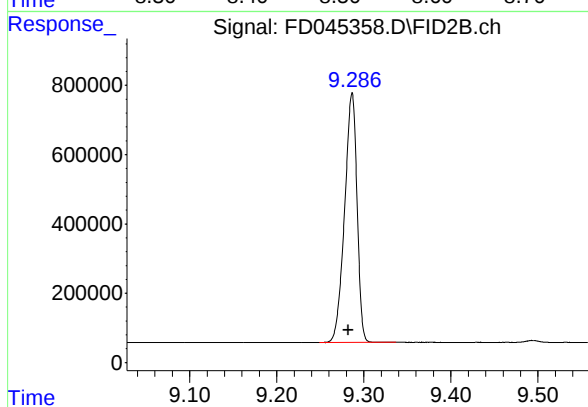
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.407 min
Delta R.T.: 0.003 min
Response: 4305857
Conc: 49.78 ug/ml



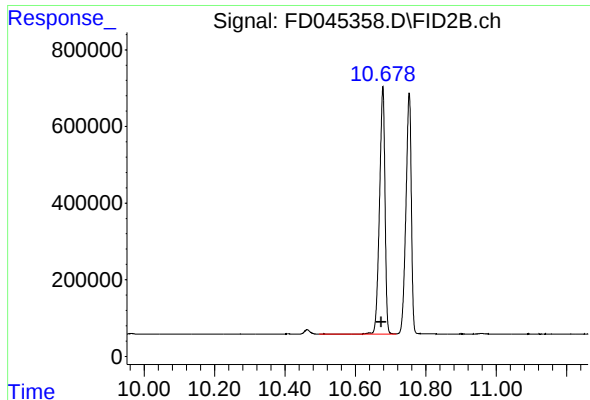
#7 Acenaphthene (C15.5)

R.T.: 8.508 min
Delta R.T.: 0.005 min
Response: 7385839
Conc: 49.72 ug/ml



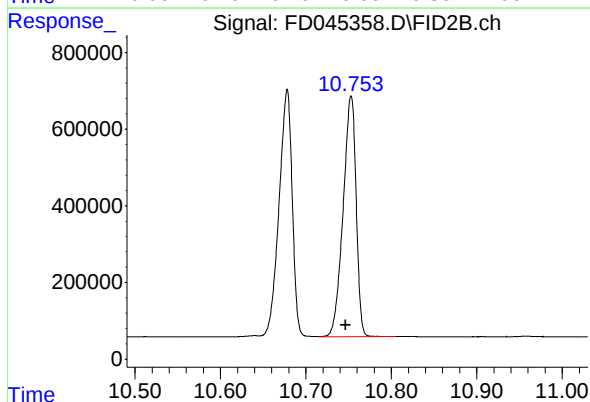
#8 Flouorene (C16.55)

R.T.: 9.286 min
Delta R.T.: 0.004 min
Response: 7139998
Conc: 49.82 ug/ml



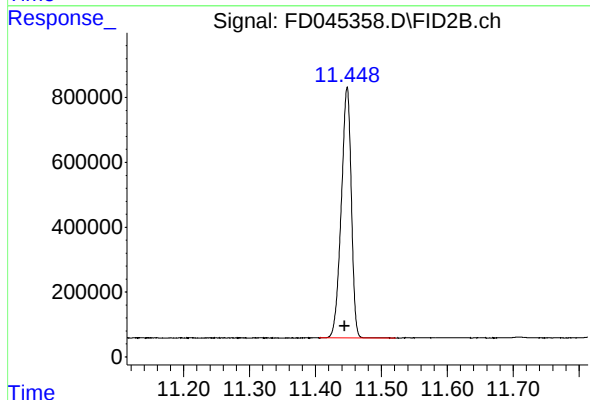
#9 Phenanthrene (C19.36)

R.T.: 10.678 min
Delta R.T.: 0.004 min
Response: 6944407
Conc: 49.83 ug/ml



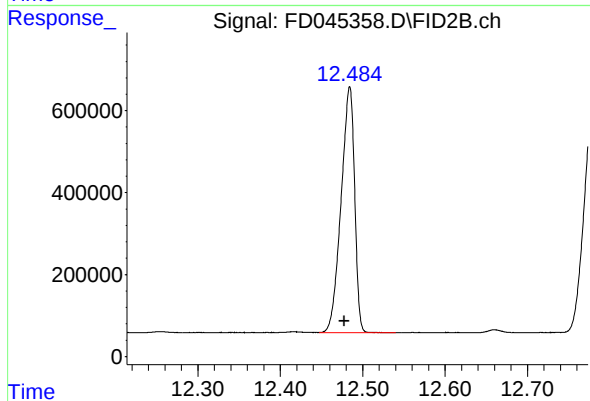
#10 Anthracene (C19.43)

R.T.: 10.753 min
Delta R.T.: 0.006 min
Response: 6649274
Conc: 49.84 ug/ml



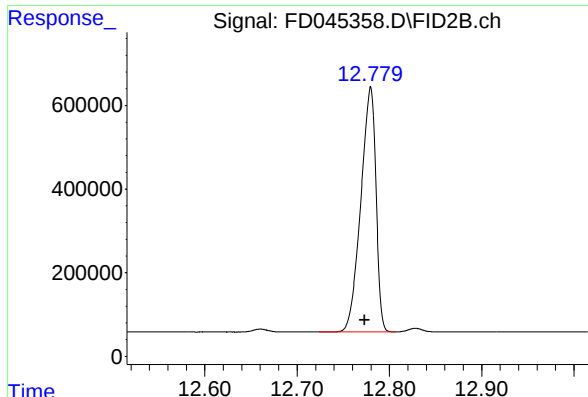
#11 ortho-Terphenyl (SURR)

R.T.: 11.448 min
Delta R.T.: 0.003 min
Response: 8181322
Conc: 49.66 ug/ml



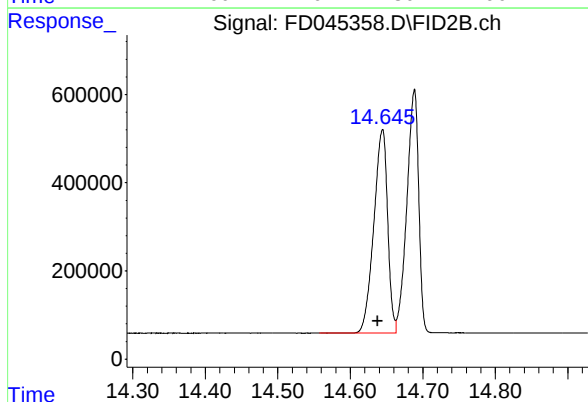
#12 Fluoranthene (C21.85)

R.T.: 12.484 min
Delta R.T.: 0.006 min
Response: 6831344
Conc: 49.73 ug/ml



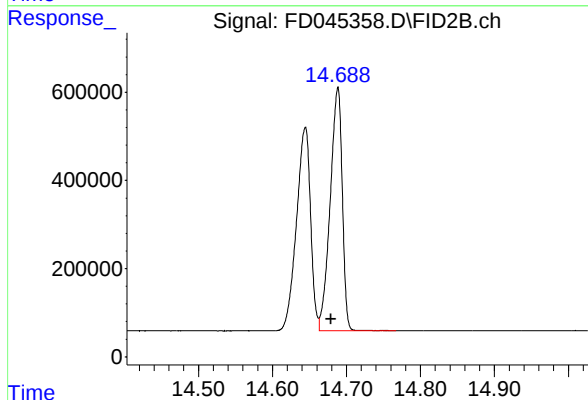
#13 Pyrene (C20.8)

R.T.: 12.779 min
Delta R.T.: 0.006 min
Response: 6681478
Conc: 49.75 ug/ml



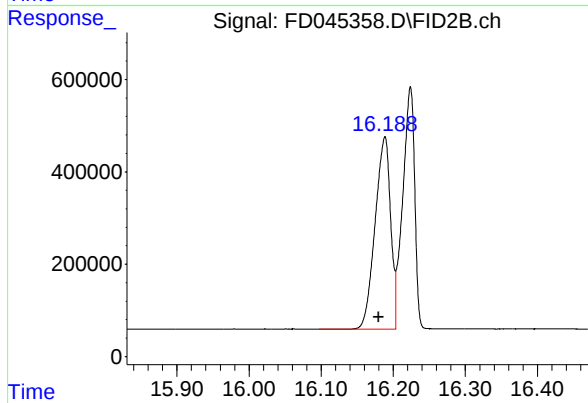
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.644 min
Delta R.T.: 0.006 min
Response: 6110414
Conc: 49.81 ug/ml



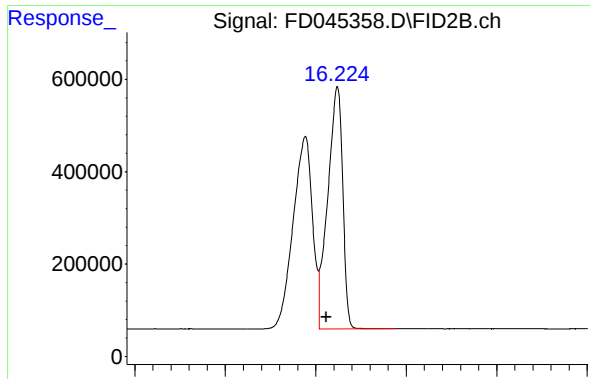
#15 Chrysene (C27.41)

R.T.: 14.688 min
Delta R.T.: 0.009 min
Response: 6270257
Conc: 49.81 ug/ml



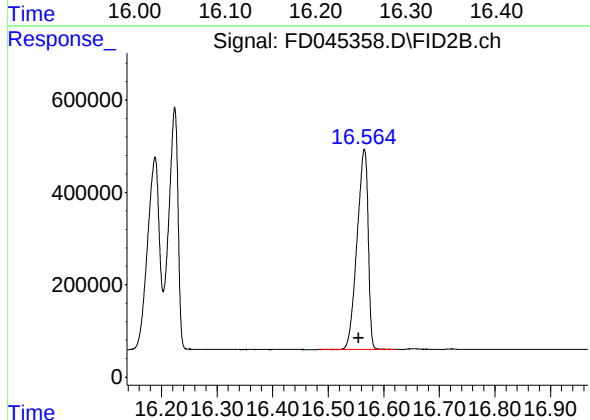
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.188 min
Delta R.T.: 0.008 min
Response: 6199124
Conc: 49.88 ug/ml



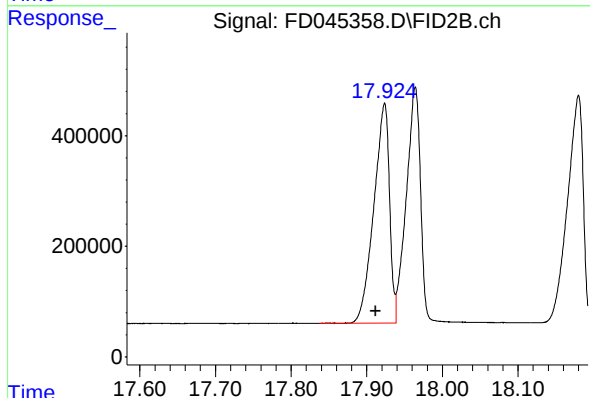
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.223 min
Delta R.T.: 0.012 min
Response: 6042447
Conc: 50.17 ug/ml



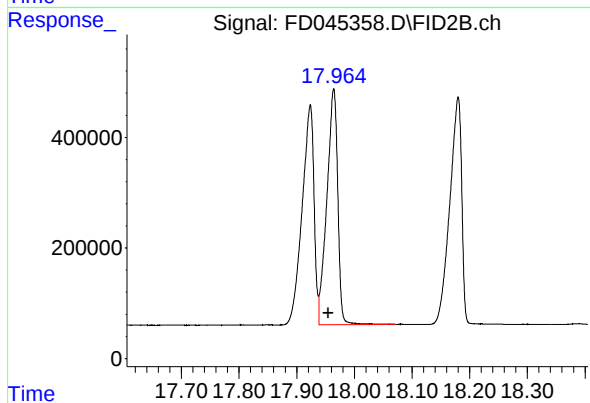
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.565 min
Delta R.T.: 0.010 min
Response: 6000816
Conc: 49.88 ug/ml



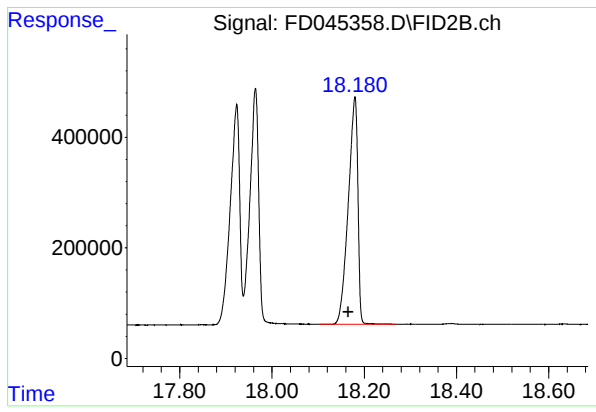
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.923 min
Delta R.T.: 0.011 min
Response: 5703709
Conc: 49.87 ug/ml



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

R.T.: 17.964 min
Delta R.T.: 0.009 min
Response: 5610713
Conc: 50.36 ug/ml



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

R.T.: 18.179 min
Delta R.T.: 0.014 min
Response: 5931911
Conc: 49.96 ug/ml