

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012323AR\
 Data File : FD044871.D
 Signal(s) : FID2B.ch
 Acq On : 23 Jan 2023 14:16
 Operator : YP/AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 23 14:58:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 23 14:01:37 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...	7.559	823013	5.789 ug/ml
Spiked Amount 50.000		Recovery =	11.58%
6) S 2-Fluorobiphenyl (SURR)	8.414	554892	5.719 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	11.44%
11) S ortho-Terphenyl (SURR)	11.456	1049285	5.834 ug/ml
Spiked Amount 50.000		Recovery =	11.67%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.369	907708	5.888 ug/ml
2) T Naphthalene (C11.7)	5.899	960365	5.864 ug/ml
3) T 2-Methylnaphthalene (...)	6.947	971540	5.857 ug/ml
5) T Acenaphthylene (C15.06)	8.219	880286	5.776 ug/ml
7) T Acenaphthene (C15.5)	8.513	929870	5.763 ug/ml
8) T Fluorene (C16.55)	9.292	914813	5.738 ug/ml
9) T Phenanthrene (C19.36)	10.683	897494	5.708 ug/ml
10) T Anthracene (C19.43)	10.757	839212	5.854 ug/ml
12) T Fluoranthene (C21.85)	12.489	877304	5.617 ug/ml
13) T Pyrene (C20.8)	12.784	866745	5.672 ug/ml
14) T Benzo[a]anthracene (C...	14.649	775502	5.554 ug/ml
15) T Chrysene (C27.41)	14.690	802174	5.533 ug/ml
16) T benzo[b]fluoranthene ...	16.191	787367	5.546 ug/ml
17) T Bnezo[k]fluoranthene ...	16.222	770866	5.519 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.567	753767	5.503 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.924	716097	5.408 ug/ml
20) T Dibenz[a,h]anthracene...	17.966	717022	5.524 ug/ml
21) T Benzo[g,h,i]perylene ...	18.175	738449	5.551 ug/ml

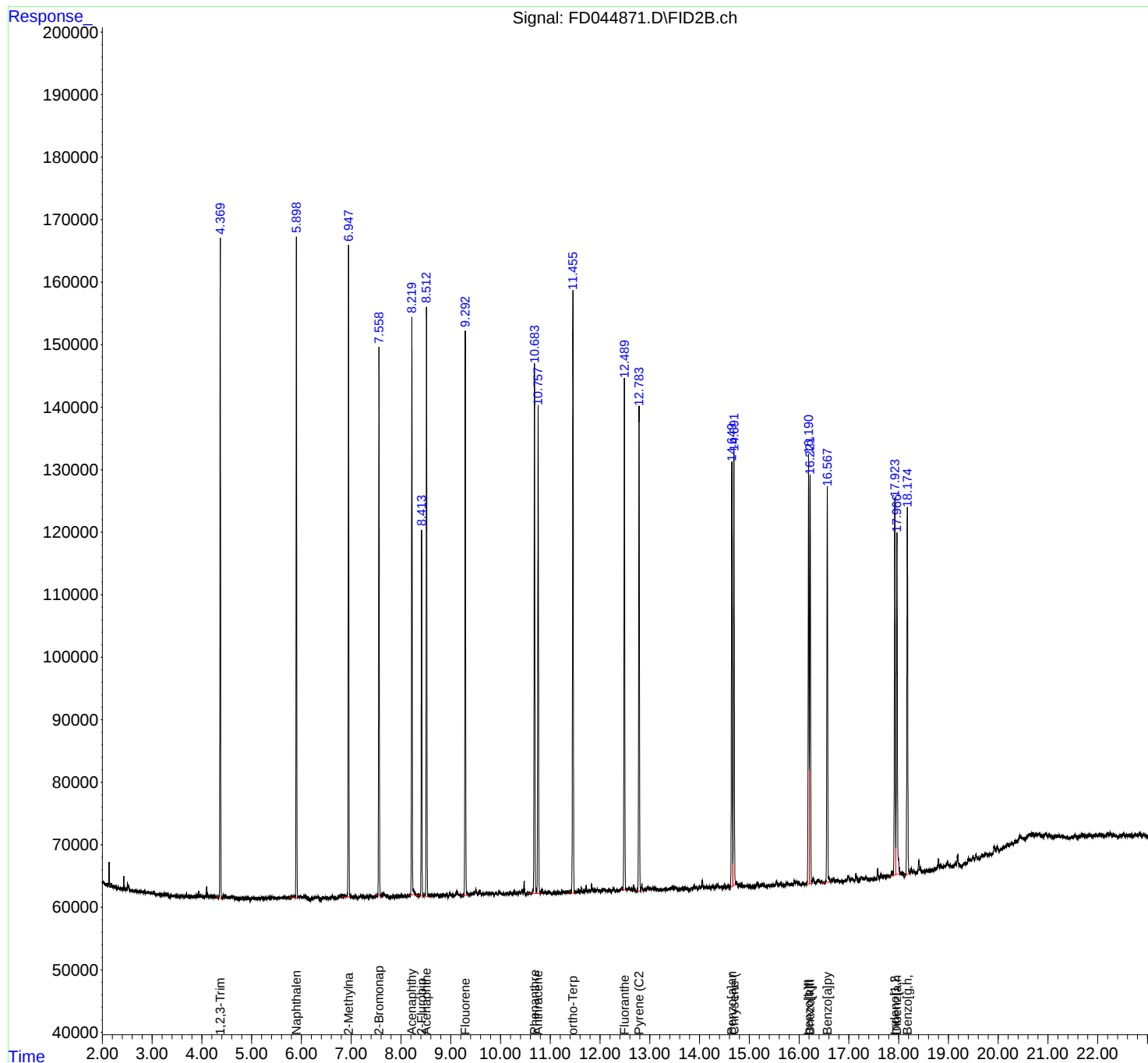
(f)=RT Delta > 1/2 Window

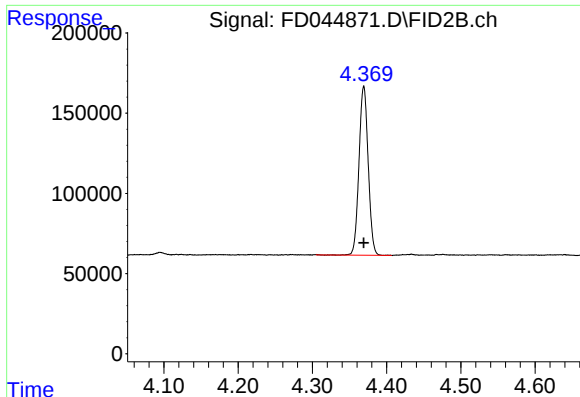
(m)=manual int.

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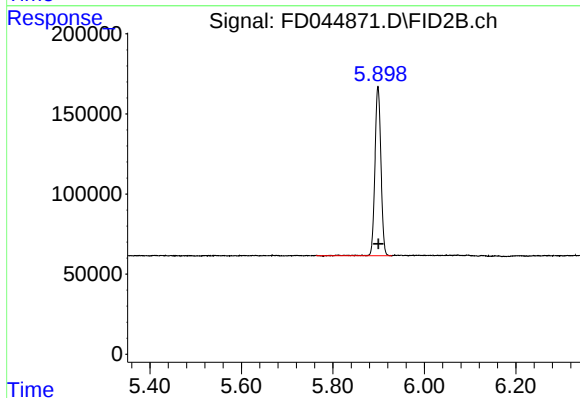
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Signal Info : 20M x 0.18mm x 0.18µm





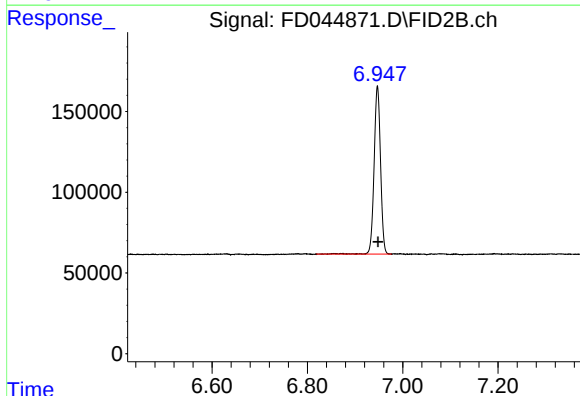
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.369 min
Delta R.T.: 0.000 min
Response: 907708
Conc: 5.89 ug/ml



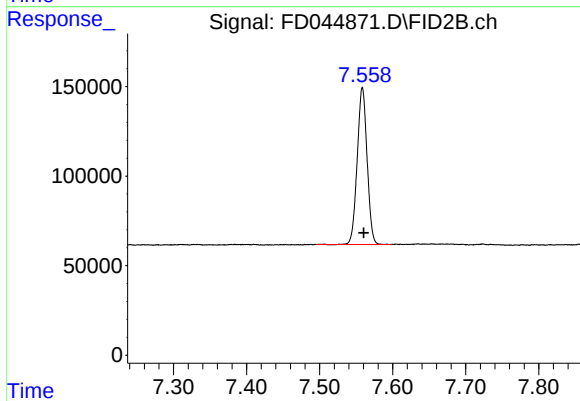
#2 Naphthalene (C11.7)

R.T.: 5.899 min
Delta R.T.: 0.000 min
Response: 960365
Conc: 5.86 ug/ml



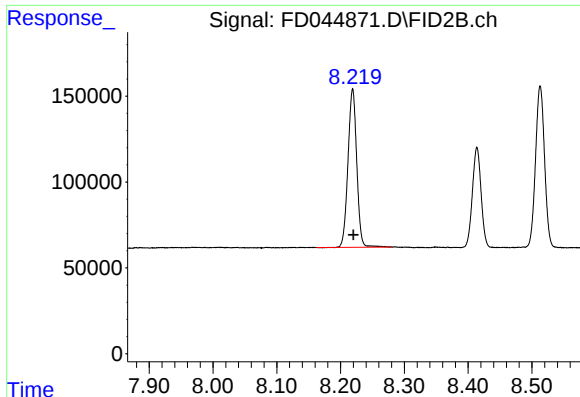
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.947 min
Delta R.T.: -0.002 min
Response: 971540
Conc: 5.86 ug/ml



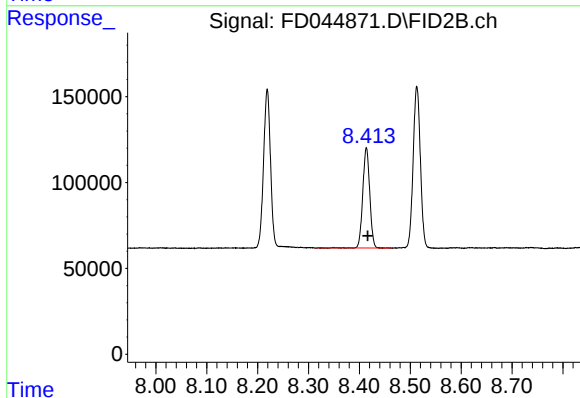
#4 2-Bromonaphthalene (SURR)

R.T.: 7.559 min
Delta R.T.: -0.002 min
Response: 823013
Conc: 5.79 ug/ml



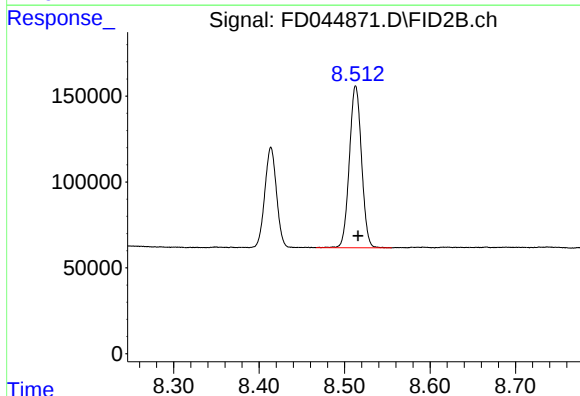
#5 Acenaphthylene (C15.06)

R.T.: 8.219 min
Delta R.T.: -0.001 min
Response: 880286
Conc: 5.78 ug/ml



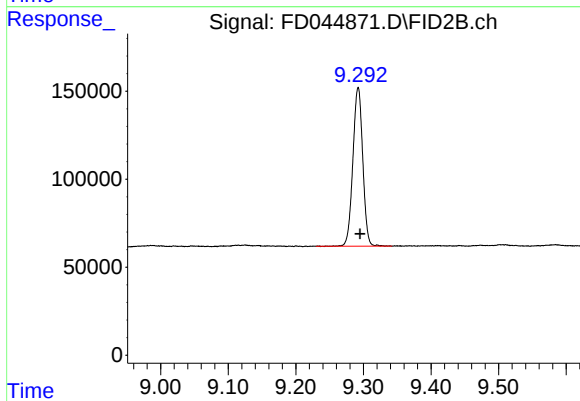
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.414 min
Delta R.T.: -0.003 min
Response: 554892
Conc: 5.72 ug/ml



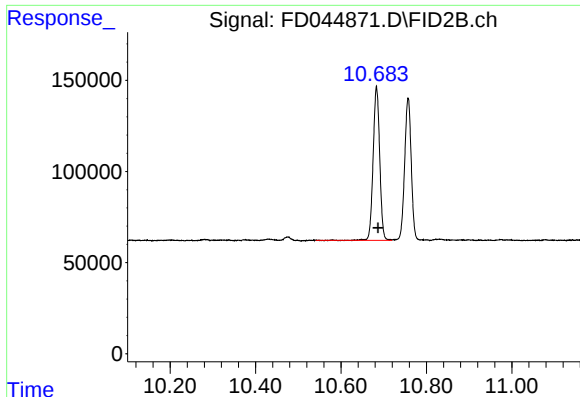
#7 Acenaphthene (C15.5)

R.T.: 8.513 min
Delta R.T.: -0.003 min
Response: 929870
Conc: 5.76 ug/ml



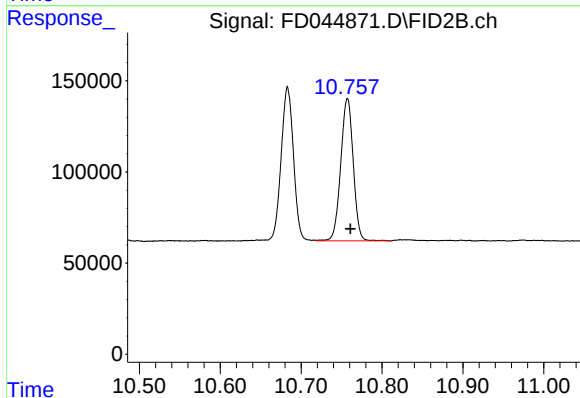
#8 Flouorene (C16.55)

R.T.: 9.292 min
Delta R.T.: -0.003 min
Response: 914813
Conc: 5.74 ug/ml



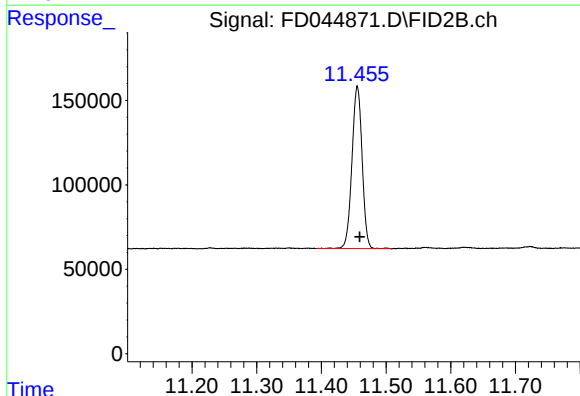
#9 Phenanthrene (C19.36)

R.T.: 10.683 min
Delta R.T.: -0.004 min
Response: 897494
Conc: 5.71 ug/ml



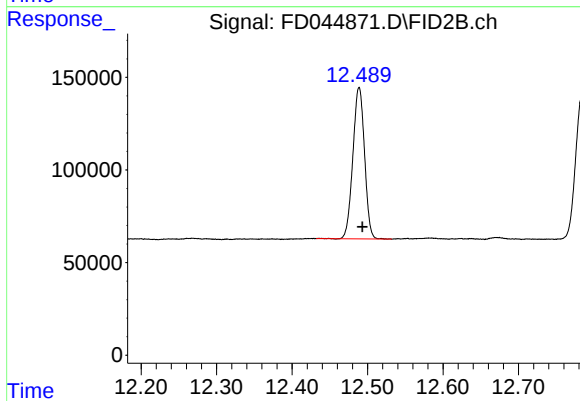
#10 Anthracene (C19.43)

R.T.: 10.757 min
Delta R.T.: -0.004 min
Response: 839212
Conc: 5.85 ug/ml



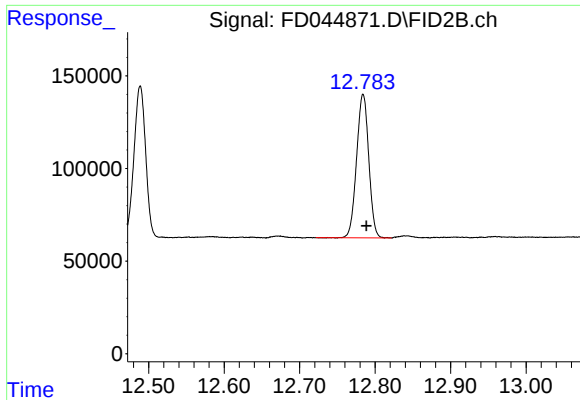
#11 ortho-Terphenyl (SURR)

R.T.: 11.456 min
Delta R.T.: -0.004 min
Response: 1049285
Conc: 5.83 ug/ml



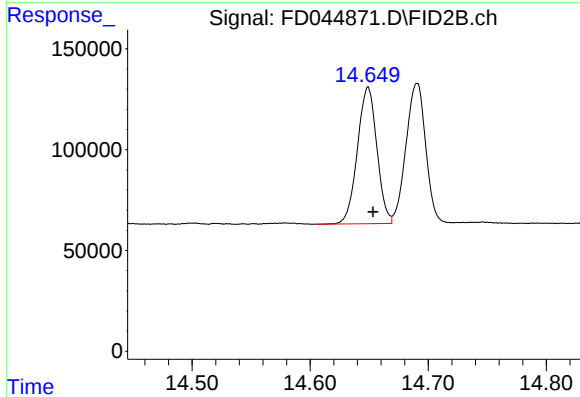
#12 Fluoranthene (C21.85)

R.T.: 12.489 min
Delta R.T.: -0.004 min
Response: 877304
Conc: 5.62 ug/ml



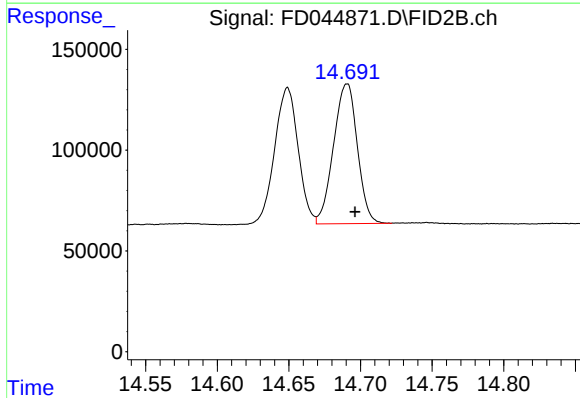
#13 Pyrene (C20.8)

R.T.: 12.784 min
Delta R.T.: -0.004 min
Response: 866745
Conc: 5.67 ug/ml



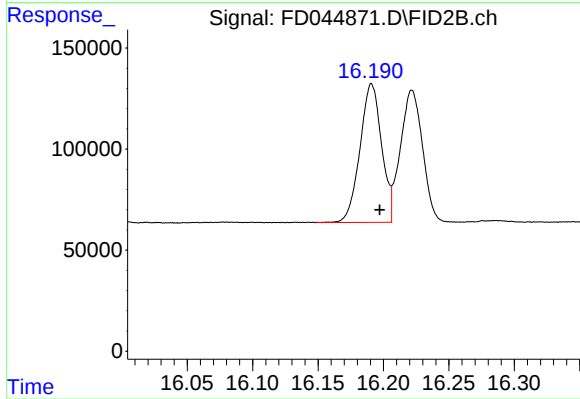
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.649 min
Delta R.T.: -0.004 min
Response: 775502
Conc: 5.55 ug/ml



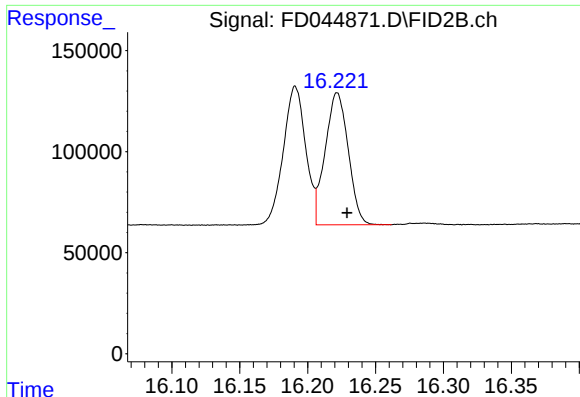
#15 Chrysene (C27.41)

R.T.: 14.690 min
Delta R.T.: -0.006 min
Response: 802174
Conc: 5.53 ug/ml



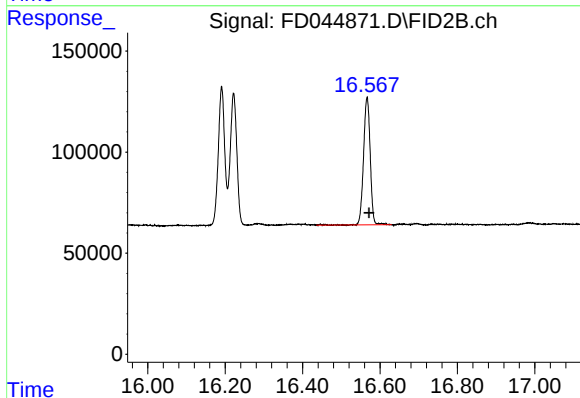
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.191 min
Delta R.T.: -0.006 min
Response: 787367
Conc: 5.55 ug/ml



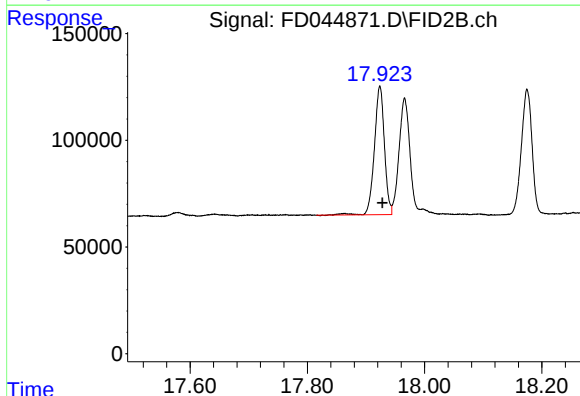
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.222 min
Delta R.T.: -0.007 min
Response: 770866
Conc: 5.52 ug/ml



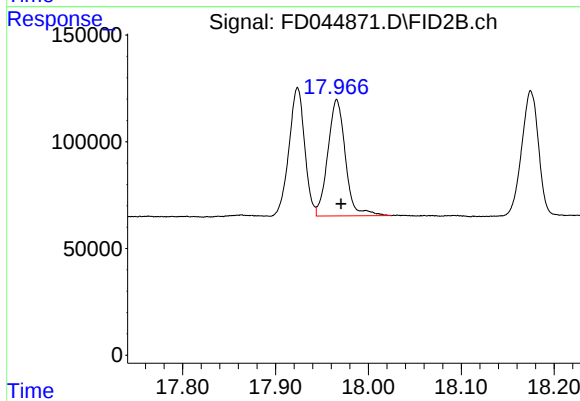
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.567 min
Delta R.T.: -0.005 min
Response: 753767
Conc: 5.50 ug/ml



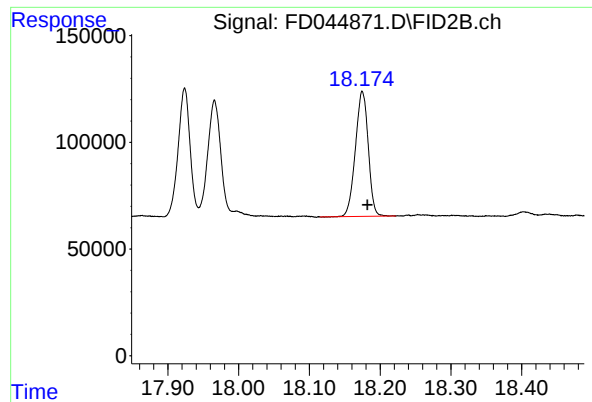
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.924 min
Delta R.T.: -0.004 min
Response: 716097
Conc: 5.41 ug/ml



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

R.T.: 17.966 min
Delta R.T.: -0.005 min
Response: 717022
Conc: 5.52 ug/ml



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

R.T.: 18.175 min
Delta R.T.: -0.007 min
Response: 738449
Conc: 5.55 ug/ml