

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032823AR\
 Data File : FD045364.D
 Signal(s) : FID2B.ch
 Acq On : 28 Mar 2023 00:33
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 28 05:58:17 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 0302823.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 28 05:56:14 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...	7.549	2743564	20.025 ug/ml
Spiked Amount 50.000		Recovery =	40.05%
6) S 2-Fluorobiphenyl (SURR)	8.404	1798753	20.065 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.13%
11) S ortho-Terphenyl (SURR)	11.444	3440371	19.774 ug/ml
Spiked Amount 50.000		Recovery =	39.55%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.359	3113646	19.987 ug/ml
2) T Naphthalene (C11.7)	5.889	3207256	19.957 ug/ml
3) T 2-Methylnaphthalene (...)	6.938	3195280	19.961 ug/ml
5) T Acenaphthylene (C15.06)	8.208	2915663	19.914 ug/ml
7) T Acenaphthene (C15.5)	8.504	3096777	19.966 ug/ml
8) T Fluorene (C16.55)	9.282	2986692	20.141 ug/ml
9) T Phenanthrene (C19.36)	10.673	2879640	19.879 ug/ml
10) T Anthracene (C19.43)	10.747	2740486	19.826 ug/ml
12) T Fluoranthene (C21.85)	12.477	2840427	19.743 ug/ml
13) T Pyrene (C20.8)	12.772	2781476	19.783 ug/ml
14) T Benzo[a]anthracene (C...	14.637	2523341	19.676 ug/ml
15) T Chrysene (C27.41)	14.679	2626704	19.809 ug/ml
16) T benzo[b]fluoranthene ...	16.179	2560042	19.707 ug/ml
17) T Bnezo[k]fluoranthene ...	16.211	2539670	20.052 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.554	2454498	19.522 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.911	2220743	18.763 ug/ml
20) T Dibenz[a,h]anthracene...	17.954	2174645	18.254 ug/ml
21) T Benzo[g,h,i]perylene ...	18.165	2369939	18.973 ug/ml

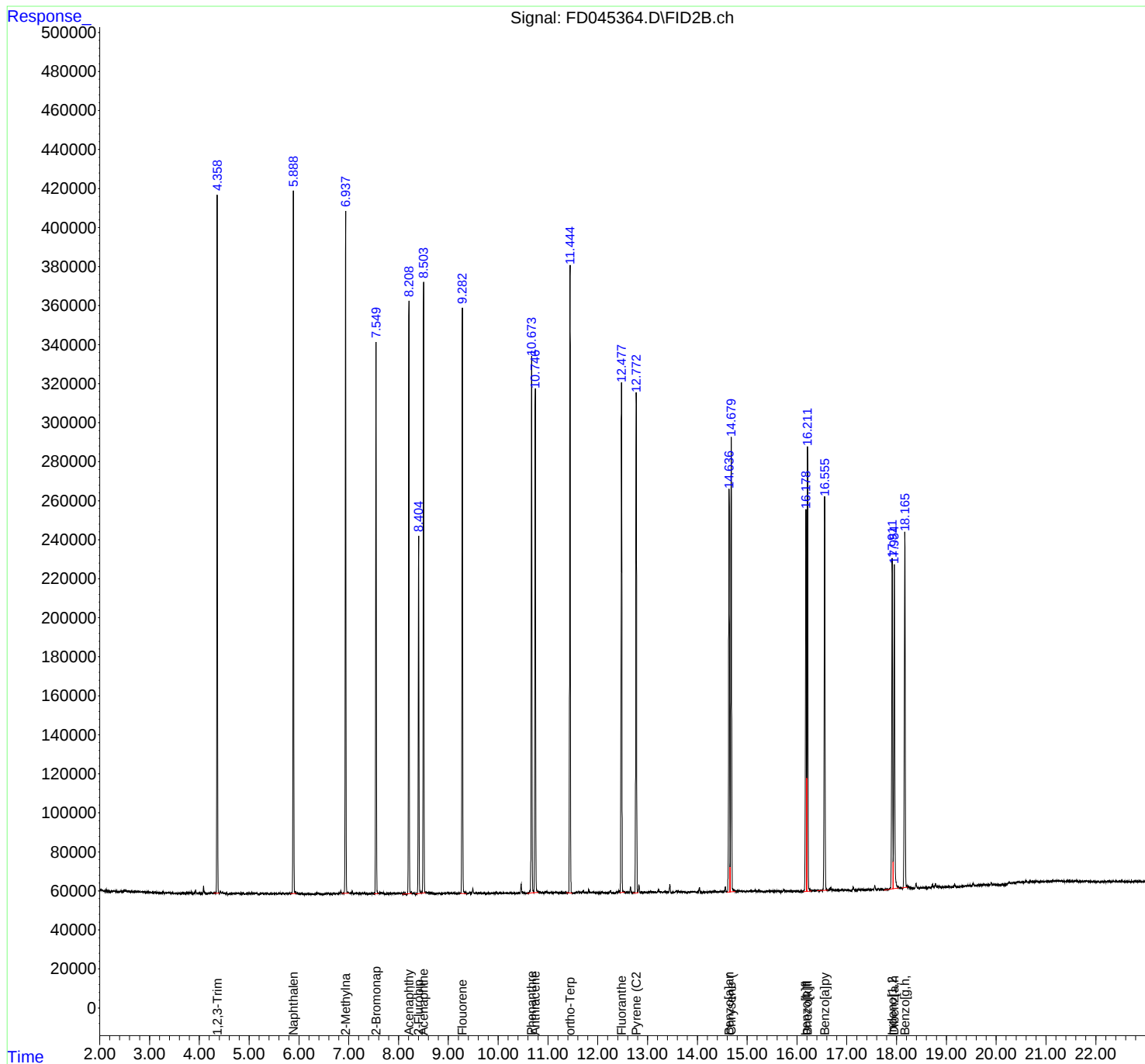
(f)=RT Delta > 1/2 Window

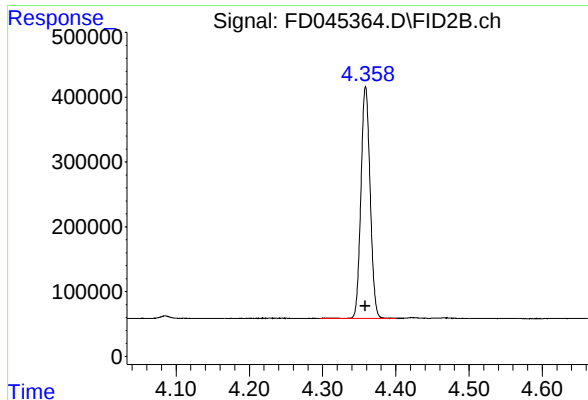
(m)=manual int.

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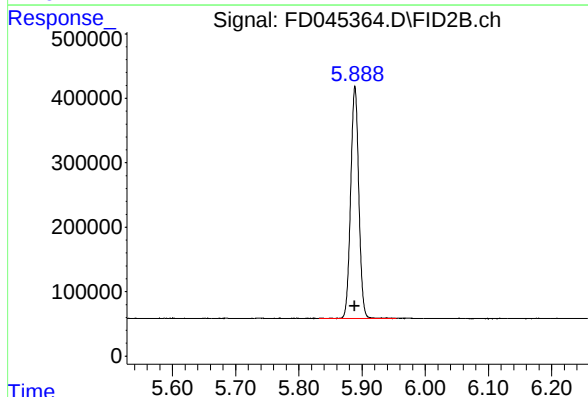
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





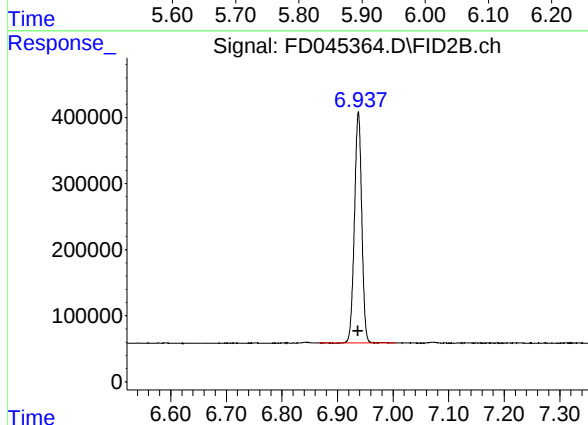
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.359 min
Delta R.T.: 0.000 min
Response: 3113646
Conc: 19.99 ug/ml



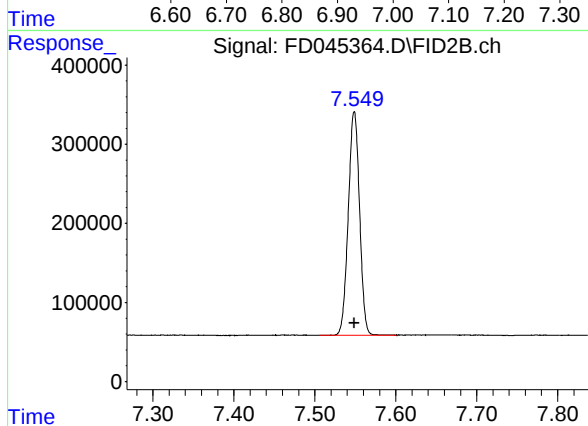
#2 Naphthalene (C11.7)

R.T.: 5.889 min
Delta R.T.: 0.000 min
Response: 3207256
Conc: 19.96 ug/ml



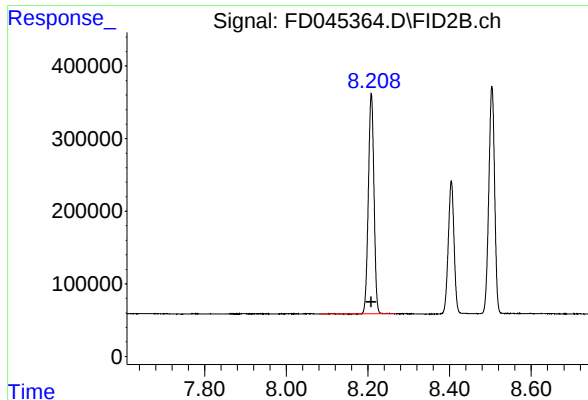
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.938 min
Delta R.T.: 0.000 min
Response: 3195280
Conc: 19.96 ug/ml



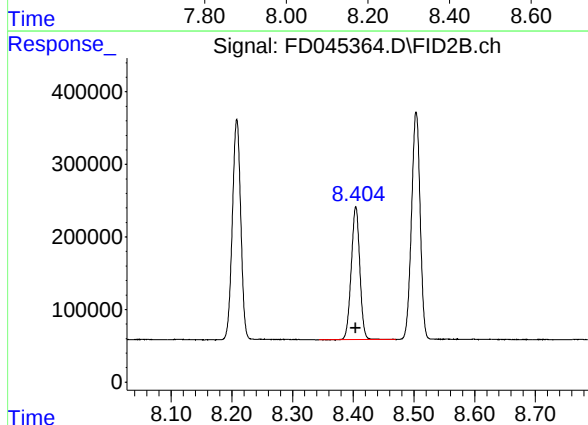
#4 2-Bromonaphthalene (SURR)

R.T.: 7.549 min
Delta R.T.: 0.000 min
Response: 2743564
Conc: 20.02 ug/ml



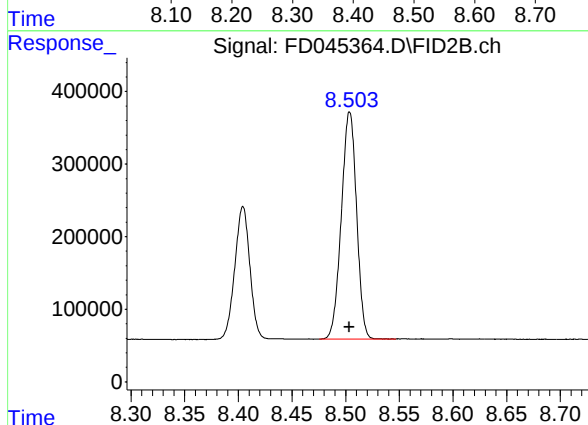
#5 Acenaphthylene (C15.06)

R.T.: 8.208 min
Delta R.T.: 0.000 min
Response: 2915663
Conc: 19.91 ug/ml



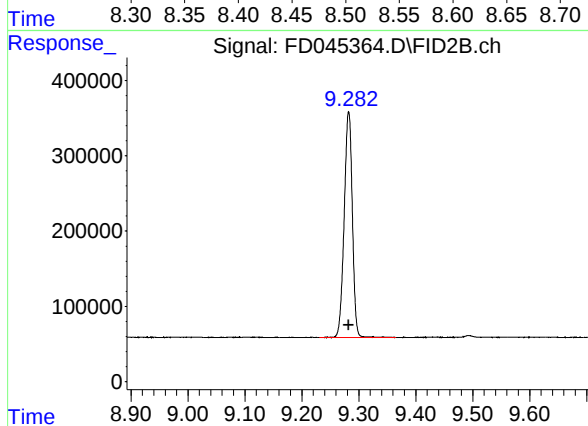
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.404 min
Delta R.T.: 0.000 min
Response: 1798753
Conc: 20.06 ug/ml



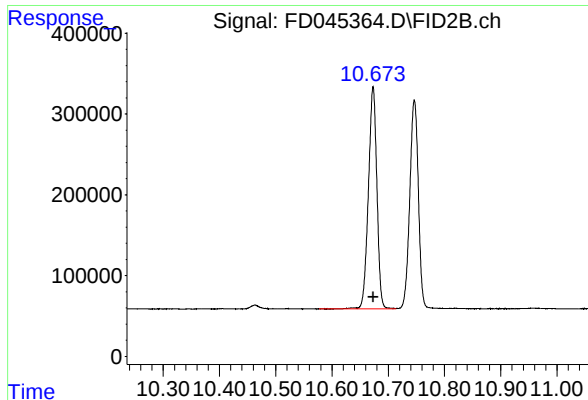
#7 Acenaphthene (C15.5)

R.T.: 8.504 min
Delta R.T.: 0.000 min
Response: 3096777
Conc: 19.97 ug/ml



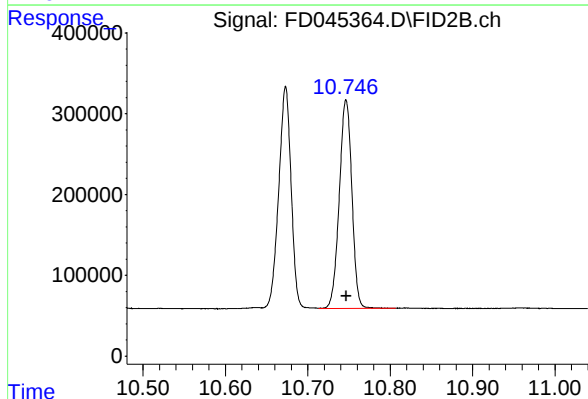
#8 Flouorene (C16.55)

R.T.: 9.282 min
Delta R.T.: 0.000 min
Response: 2986692
Conc: 20.14 ug/ml



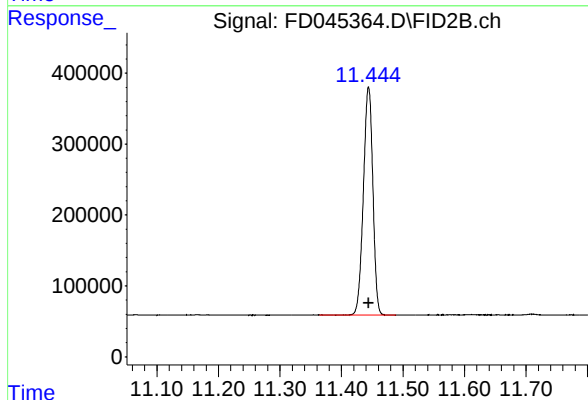
#9 Phenanthrene (C19.36)

R.T.: 10.673 min
Delta R.T.: 0.000 min
Response: 2879640
Conc: 19.88 ug/ml



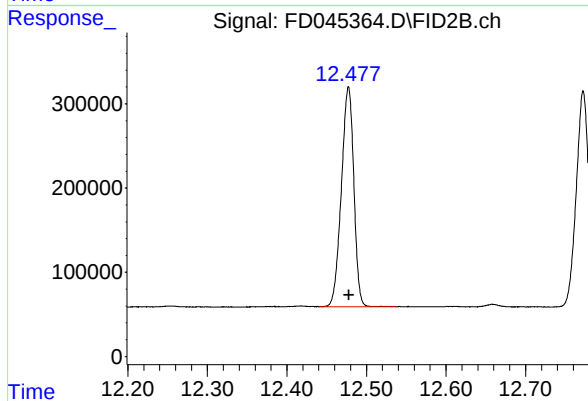
#10 Anthracene (C19.43)

R.T.: 10.747 min
Delta R.T.: 0.000 min
Response: 2740486
Conc: 19.83 ug/ml



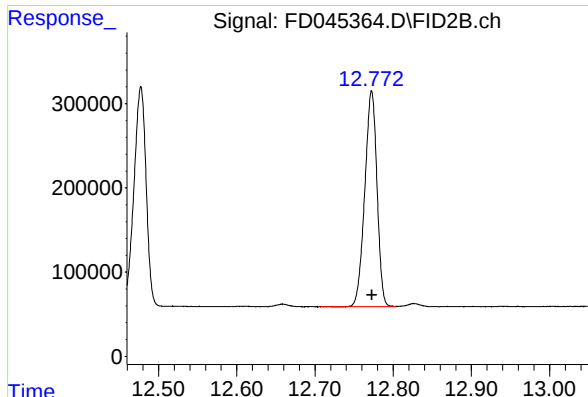
#11 ortho-Terphenyl (SURR)

R.T.: 11.444 min
Delta R.T.: 0.000 min
Response: 3440371
Conc: 19.77 ug/ml



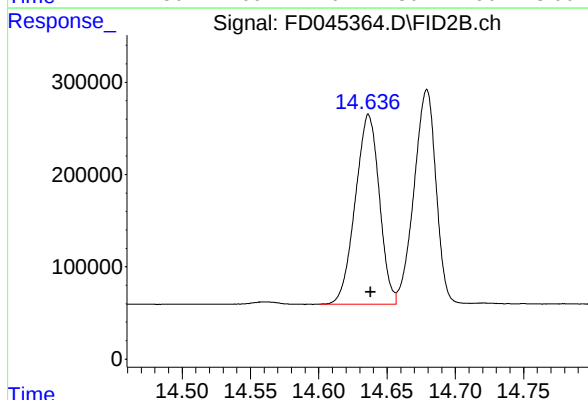
#12 Fluoranthene (C21.85)

R.T.: 12.477 min
Delta R.T.: 0.000 min
Response: 2840427
Conc: 19.74 ug/ml



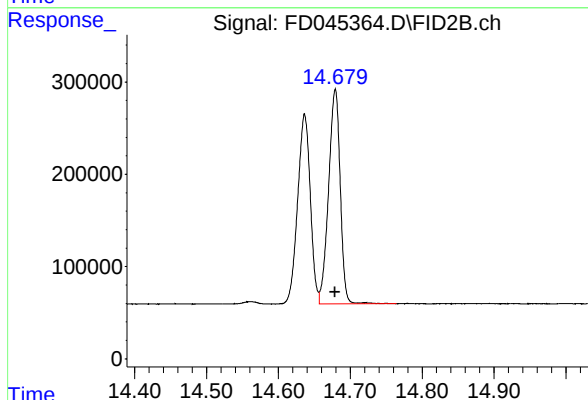
#13 Pyrene (C20.8)

R.T.: 12.772 min
Delta R.T.: 0.000 min
Response: 2781476
Conc: 19.78 ug/ml



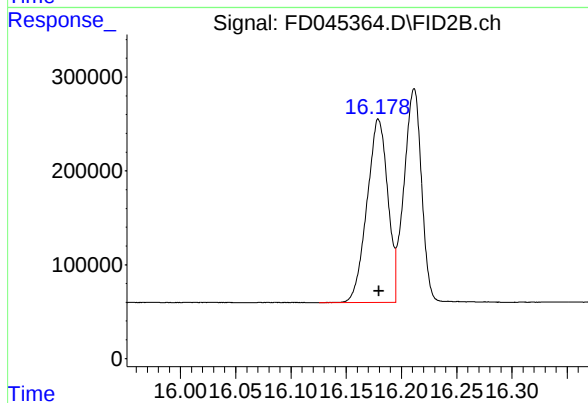
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.637 min
Delta R.T.: -0.001 min
Response: 2523341
Conc: 19.68 ug/ml



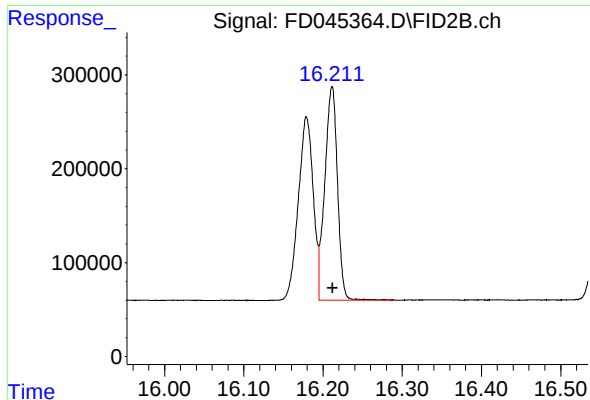
#15 Chrysene (C27.41)

R.T.: 14.679 min
Delta R.T.: 0.000 min
Response: 2626704
Conc: 19.81 ug/ml



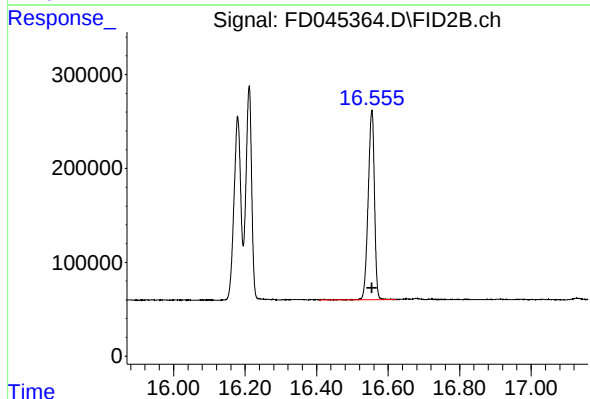
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.179 min
Delta R.T.: 0.000 min
Response: 2560042
Conc: 19.71 ug/ml



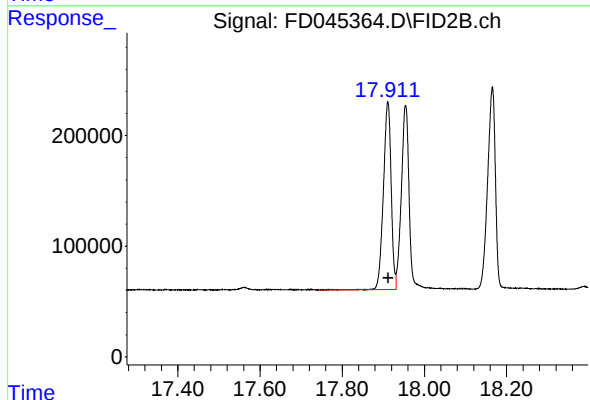
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.211 min
Delta R.T.: 0.000 min
Response: 2539670
Conc: 20.05 ug/ml



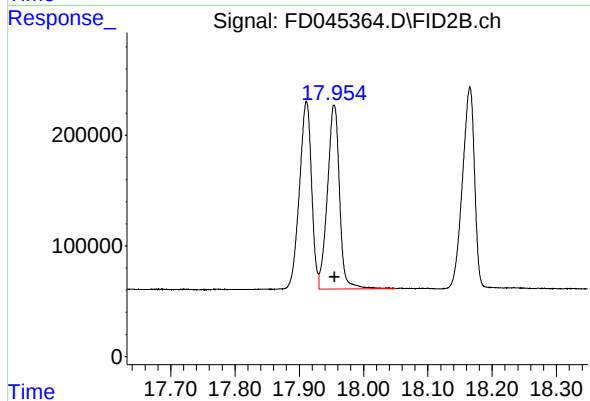
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.554 min
Delta R.T.: 0.000 min
Response: 2454498
Conc: 19.52 ug/ml



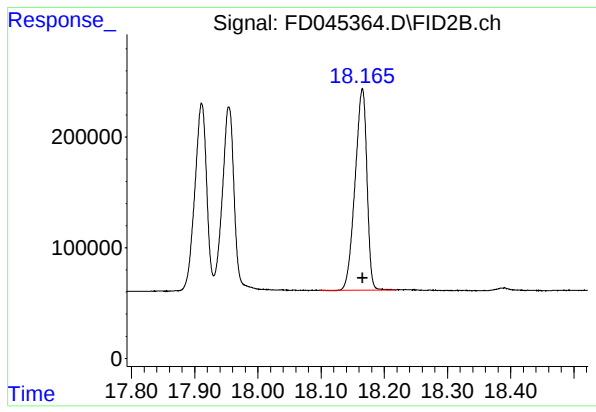
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.911 min
Delta R.T.: 0.000 min
Response: 2220743
Conc: 18.76 ug/ml



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

R.T.: 17.954 min
Delta R.T.: -0.001 min
Response: 2174645
Conc: 18.25 ug/ml



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

R.T.: 18.165 min
Delta R.T.: 0.000 min
Response: 2369939
Conc: 18.97 ug/ml