

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032823AR\
 Data File : FD045359.D
 Signal(s) : FID2B.ch
 Acq On : 27 Mar 2023 19:24
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 28 05:46:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 0302823.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 28 05:45:50 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	2703874	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.404	1764755	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.444	3406039	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.358	3061413	20.000 ug/ml
2) T Naphthalene (C11.7)	5.888	3159390	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	6.937	3156849	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.208	2874824	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.504	3055279	20.000 ug/ml
8) T Fluorene (C16.55)	9.282	2926633	20.000 ug/ml
9) T Phenanthrene (C19.36)	10.673	2843174	20.000 ug/ml
10) T Anthracene (C19.43)	10.747	2718407	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.478	2810695	20.000 ug/ml
13) T Pyrene (C20.8)	12.773	2748354	20.000 ug/ml
14) T Benzo[a]anthracene (C...	14.638	2513371	20.000 ug/ml
15) T Chrysene (C27.41)	14.679	2587789	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.180	2536164	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.212	2487560	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.555	2471921	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.912	2320946	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	17.955	2332372	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.166	2466536	20.000 ug/ml

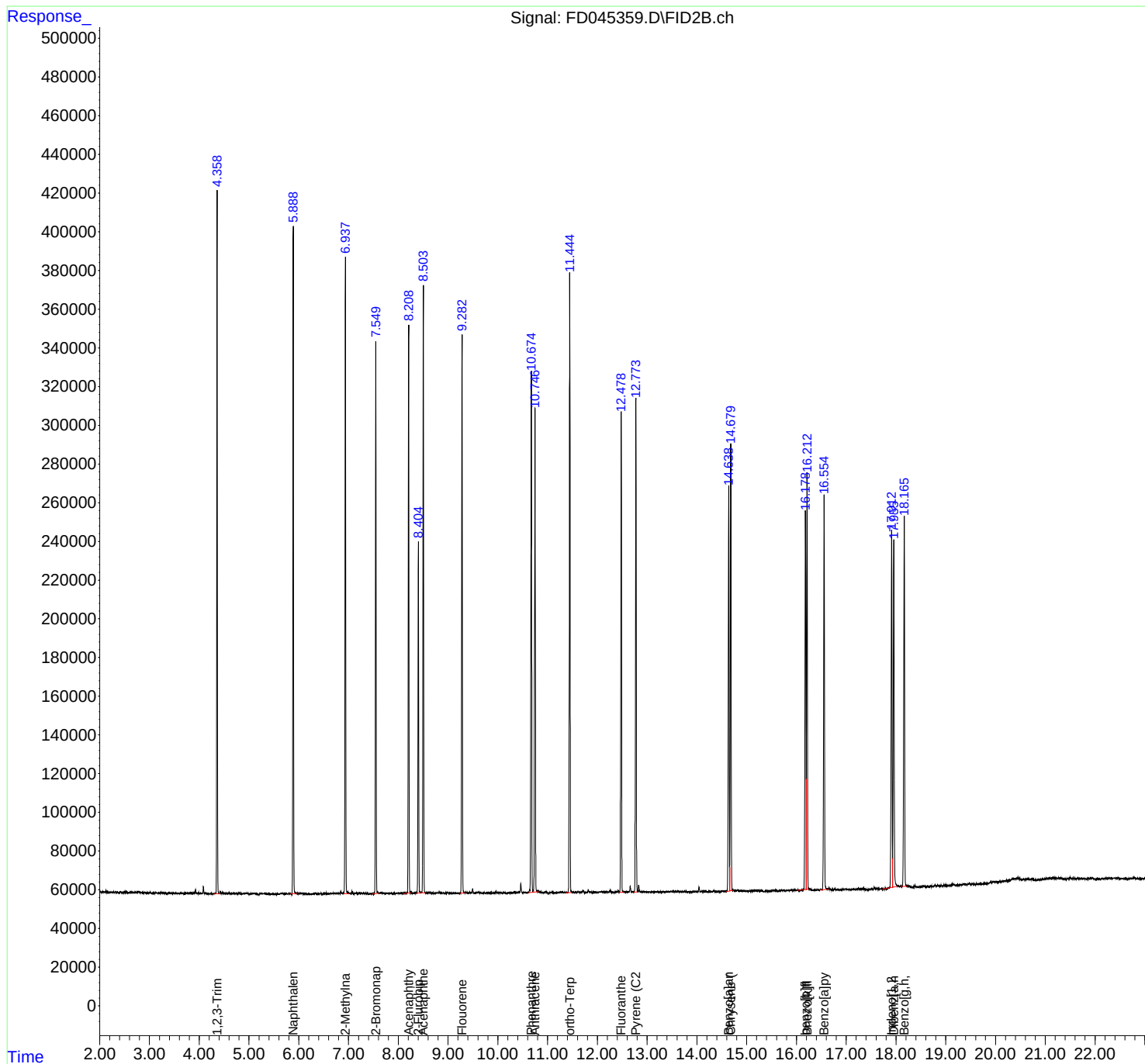
(f)=RT Delta > 1/2 Window

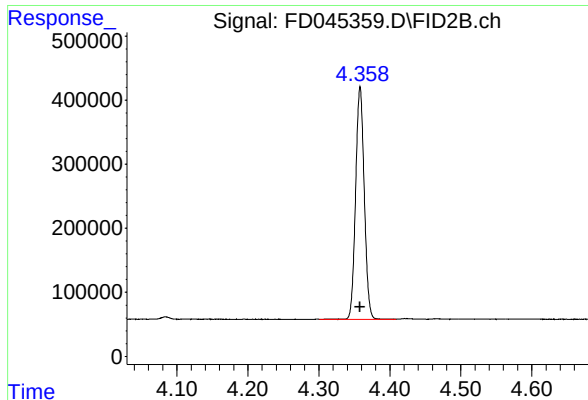
(m)=manual int.

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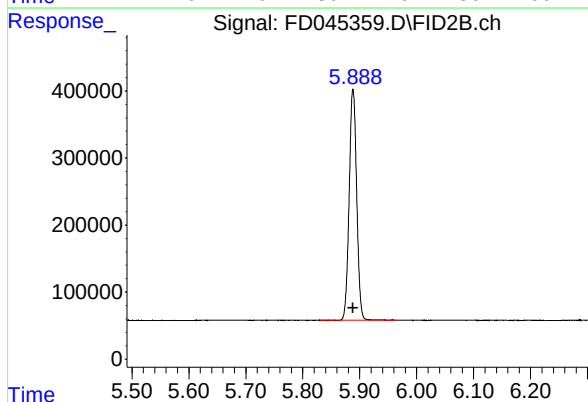
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Signal Info : 20M x 0.18mm x 0.18µm





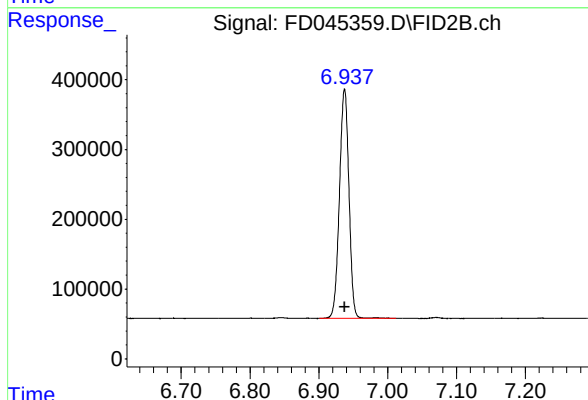
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.358 min
Delta R.T.: 0.000 min
Response: 3061413
Conc: 20.00 ug/ml



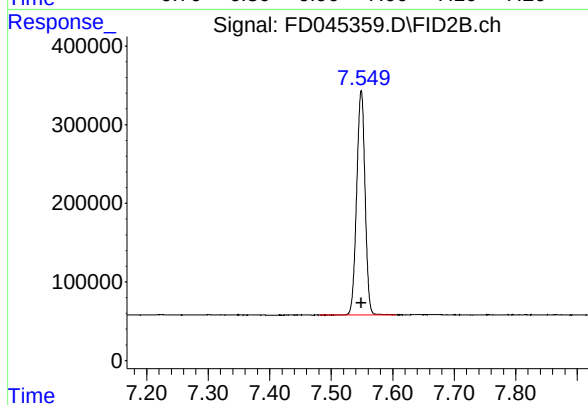
#2 Naphthalene (C11.7)

R.T.: 5.888 min
Delta R.T.: 0.000 min
Response: 3159390
Conc: 20.00 ug/ml



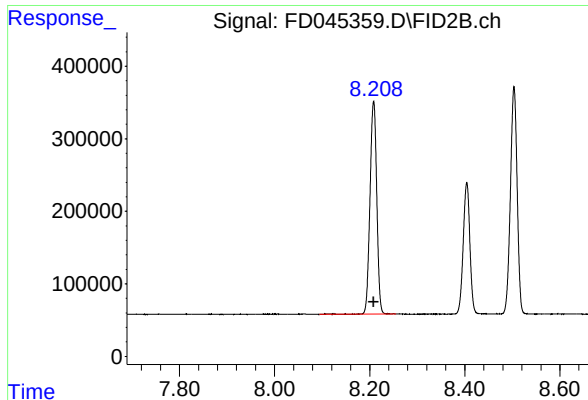
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.937 min
Delta R.T.: 0.000 min
Response: 3156849
Conc: 20.00 ug/ml



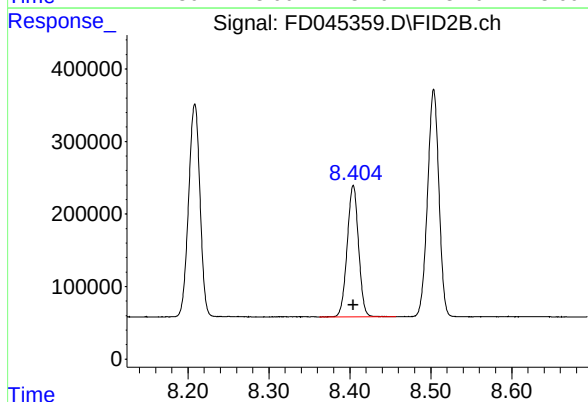
#4 2-Bromonaphthalene (SURR)

R.T.: 7.549 min
Delta R.T.: 0.000 min
Response: 2703874
Conc: 20.00 ug/ml



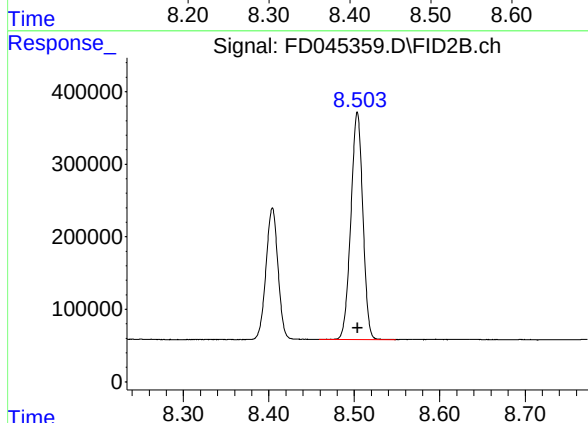
#5 Acenaphthylene (C15.06)

R.T.: 8.208 min
Delta R.T.: 0.000 min
Response: 2874824
Conc: 20.00 ug/ml



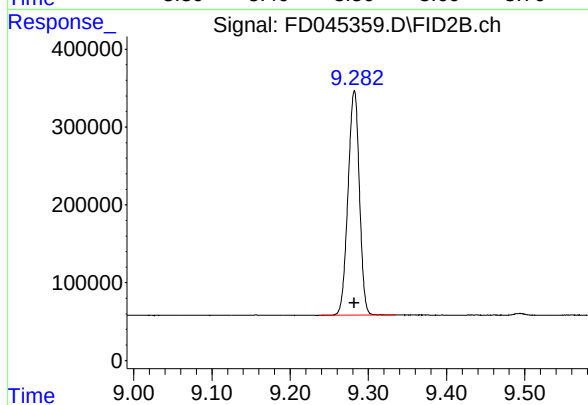
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.404 min
Delta R.T.: 0.000 min
Response: 1764755
Conc: 20.00 ug/ml



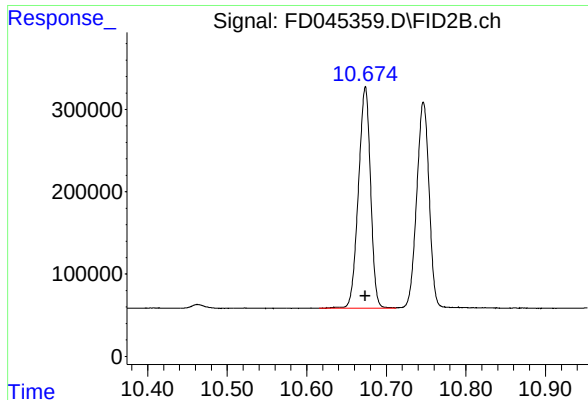
#7 Acenaphthene (C15.5)

R.T.: 8.504 min
Delta R.T.: 0.000 min
Response: 3055279
Conc: 20.00 ug/ml



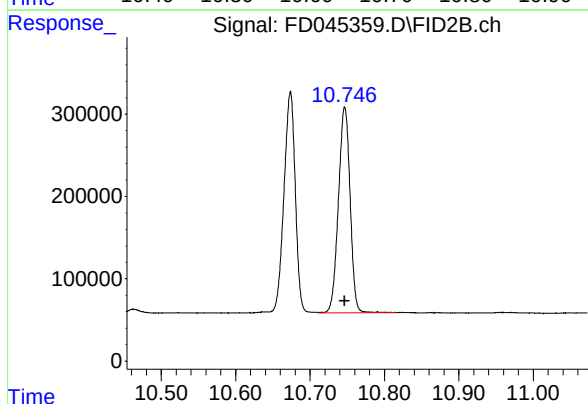
#8 Flouorene (C16.55)

R.T.: 9.282 min
Delta R.T.: 0.000 min
Response: 2926633
Conc: 20.00 ug/ml



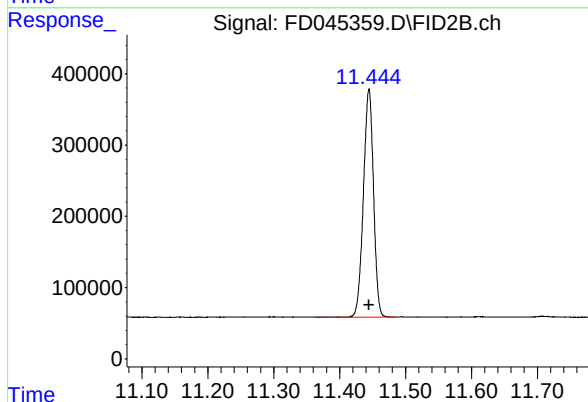
#9 Phenanthrene (C19.36)

R.T.: 10.673 min
Delta R.T.: 0.000 min
Response: 2843174
Conc: 20.00 ug/ml



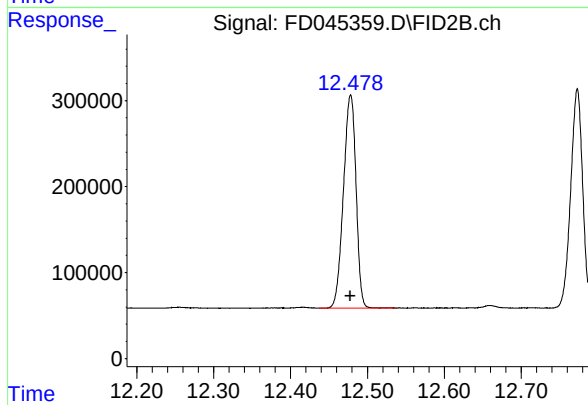
#10 Anthracene (C19.43)

R.T.: 10.747 min
Delta R.T.: 0.000 min
Response: 2718407
Conc: 20.00 ug/ml



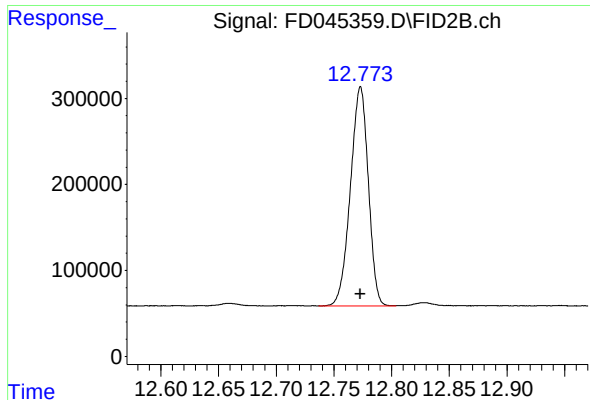
#11 ortho-Terphenyl (SURR)

R.T.: 11.444 min
Delta R.T.: 0.000 min
Response: 3406039
Conc: 20.00 ug/ml



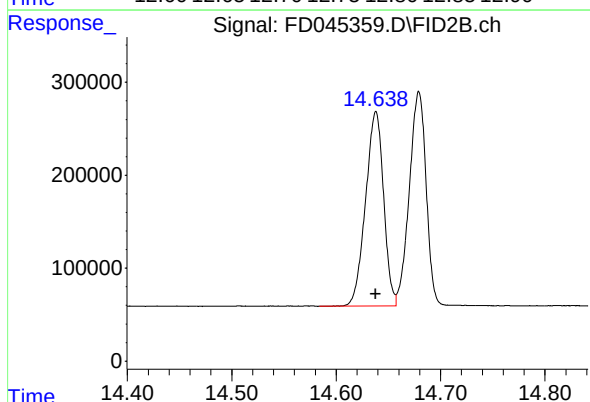
#12 Fluoranthene (C21.85)

R.T.: 12.478 min
Delta R.T.: 0.000 min
Response: 2810695
Conc: 20.00 ug/ml



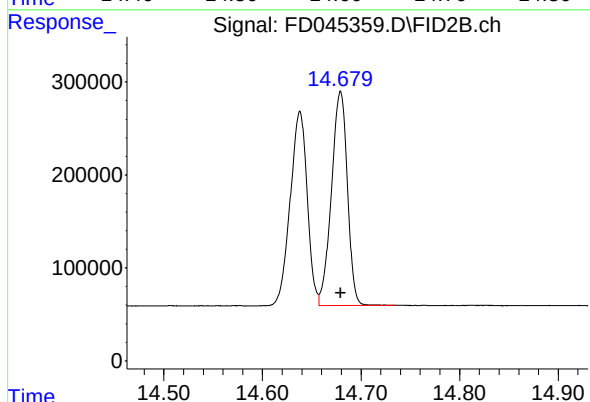
#13 Pyrene (C20.8)

R.T.: 12.773 min
Delta R.T.: 0.000 min
Response: 2748354
Conc: 20.00 ug/ml



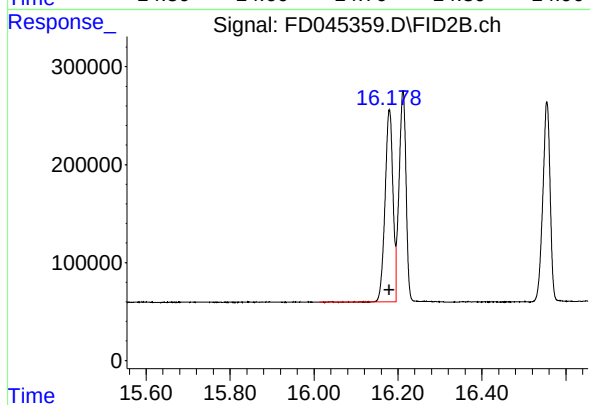
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.638 min
Delta R.T.: 0.000 min
Response: 2513371
Conc: 20.00 ug/ml



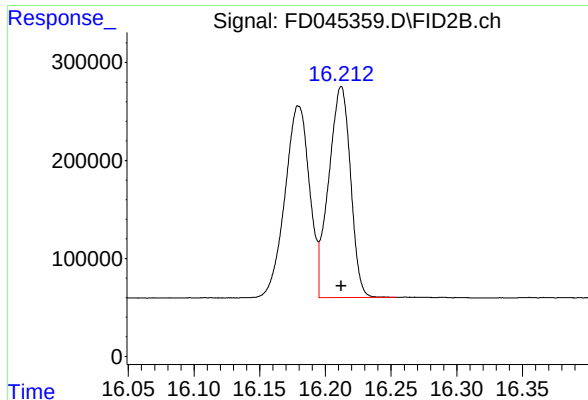
#15 Chrysene (C27.41)

R.T.: 14.679 min
Delta R.T.: 0.000 min
Response: 2587789
Conc: 20.00 ug/ml



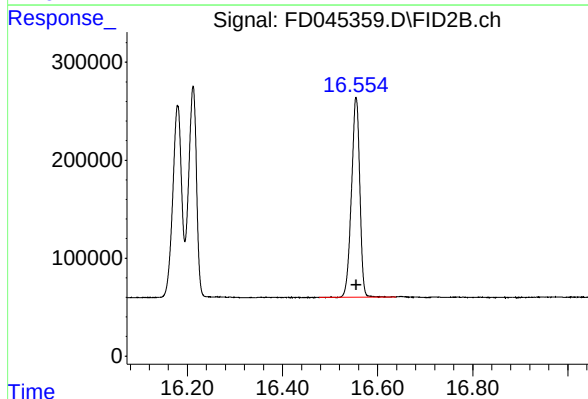
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.180 min
Delta R.T.: 0.000 min
Response: 2536164
Conc: 20.00 ug/ml



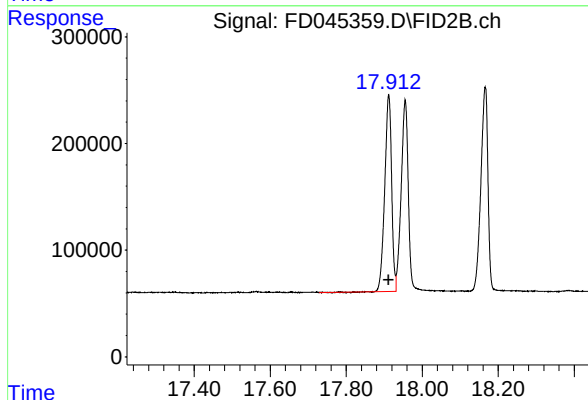
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.212 min
Delta R.T.: 0.000 min
Response: 2487560
Conc: 20.00 ug/ml



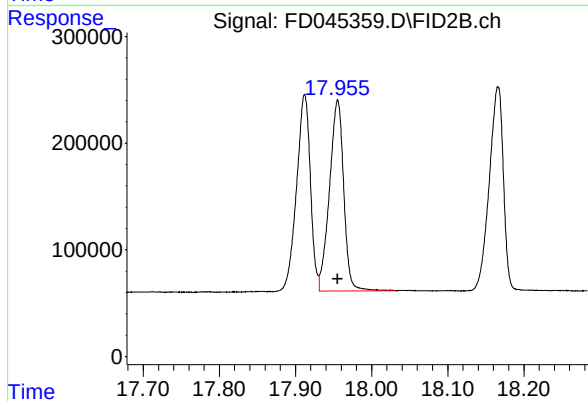
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.555 min
Delta R.T.: 0.000 min
Response: 2471921
Conc: 20.00 ug/ml



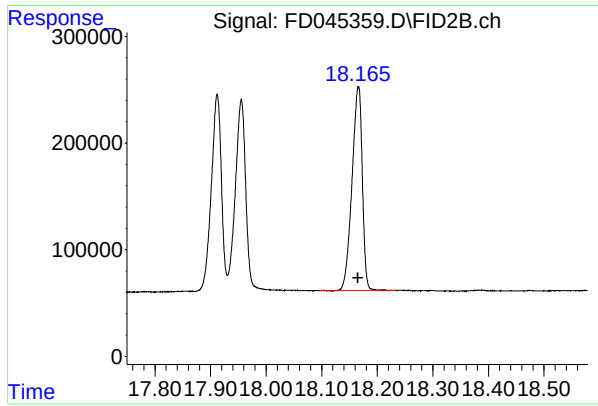
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.912 min
Delta R.T.: 0.000 min
Response: 2320946
Conc: 20.00 ug/ml



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

R.T.: 17.955 min
Delta R.T.: 0.000 min
Response: 2332372
Conc: 20.00 ug/ml



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

R.T.: 18.166 min
Delta R.T.: 0.000 min
Response: 2466536
Conc: 20.00 ug/ml