

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121823AR\
 Data File : FD047054.D
 Signal(s) : FID2B.ch
 Acq On : 18 Dec 2023 10:03
 Operator : YP/AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 18 11:38:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121823.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 18 11:33:24 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...	7.475	8390480	49.288 ug/ml
Spiked Amount 50.000		Recovery =	98.58%
6) S 2-Fluorobiphenyl (SURR)	8.329	5309123	49.502 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	99.00%
11) S ortho-Terphenyl (SURR)	11.368	9713569	49.088 ug/ml
Spiked Amount 50.000		Recovery =	98.18%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.289	9058235	49.198 ug/ml
2) T Naphthalene (C11.7)	5.814	9252095	49.166 ug/ml
3) T 2-Methylnaphthalene (...)	6.864	9248154	49.258 ug/ml
5) T Acenaphthylene (C15.06)	8.133	8353093	49.263 ug/ml
7) T Acenaphthene (C15.5)	8.429	8980017	49.344 ug/ml
8) T Fluorene (C16.55)	9.207	8395307	49.410 ug/ml
9) T Phenanthrene (C19.36)	10.596	7960804	49.225 ug/ml
10) T Anthracene (C19.43)	10.669	4789728	51.331 ug/ml
12) T Fluoranthene (C21.85)	12.401	7816720	49.291 ug/ml
13) T Pyrene (C20.8)	12.695	7527392	49.143 ug/ml
14) T Benzo[a]anthracene (C...	14.559	6047030	49.491 ug/ml
15) T Chrysene (C27.41)	14.603	6752366	48.638 ug/ml
16) T benzo[b]fluoranthene ...	16.104	6517301	48.766 ug/ml
17) T Bnezo[k]fluoranthene ...	16.138	6456825	48.717 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.479	6257302	50.542 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.839	5741744	49.861 ug/ml
20) T Dibenz[a,h]anthracene...	17.878	5777608	49.366 ug/ml
21) T Benzo[g,h,i]perylene ...	18.093	6306534	49.115 ug/ml

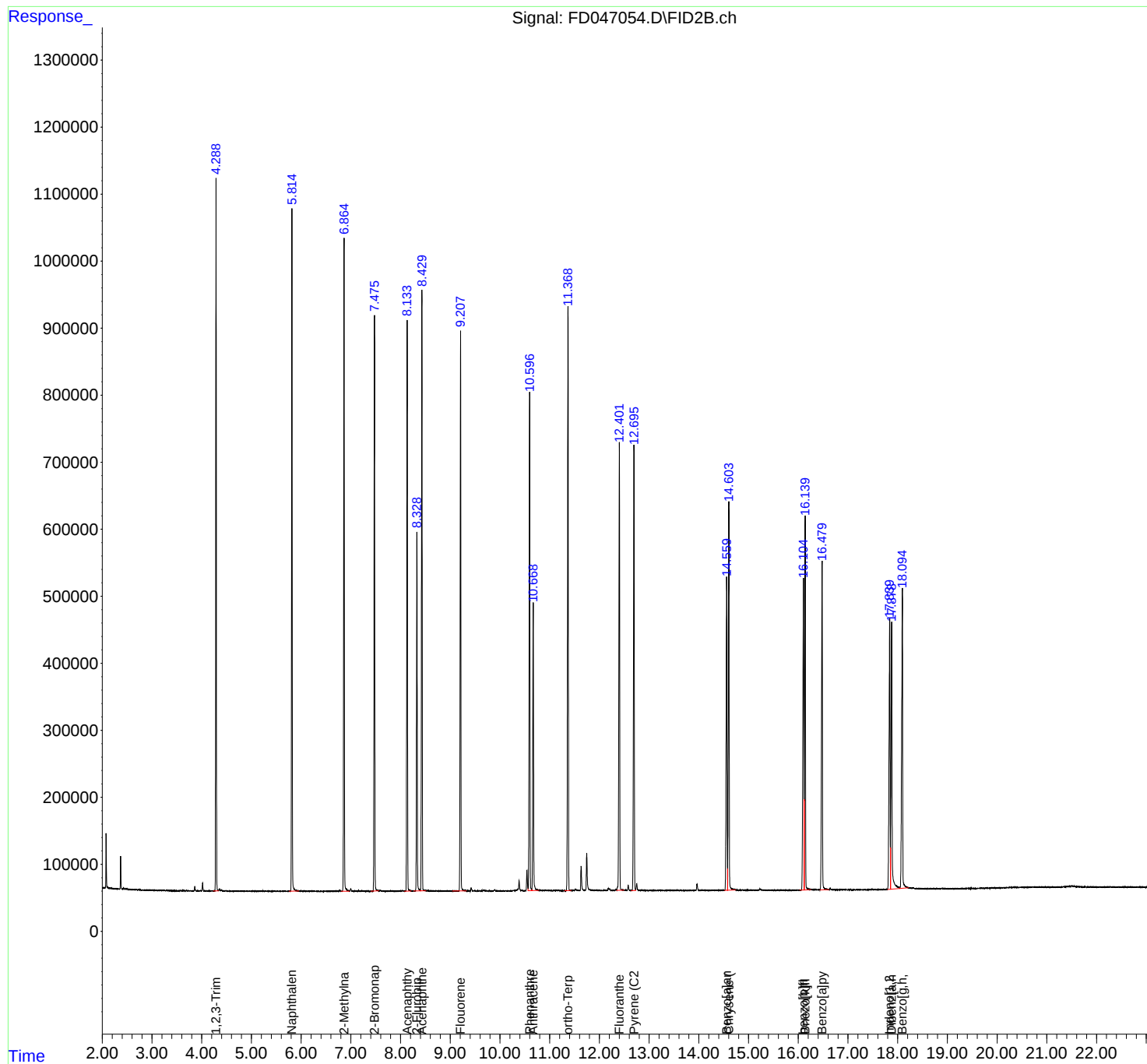
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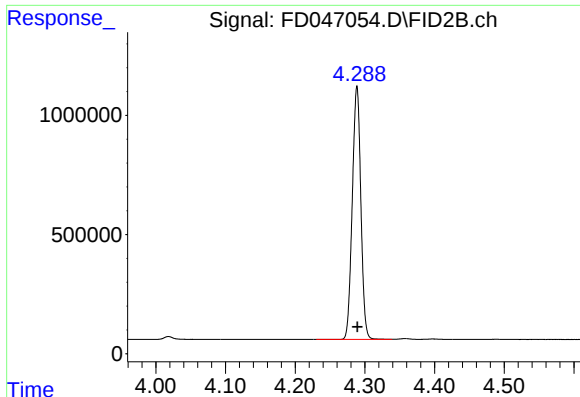
(m)=manual int.

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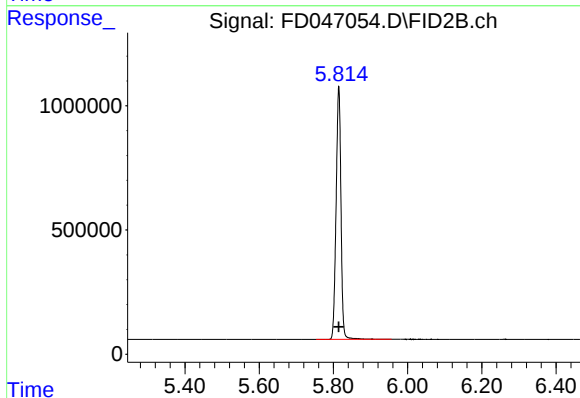
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Signal Info : 20M x 0.18mm x 0.18µm





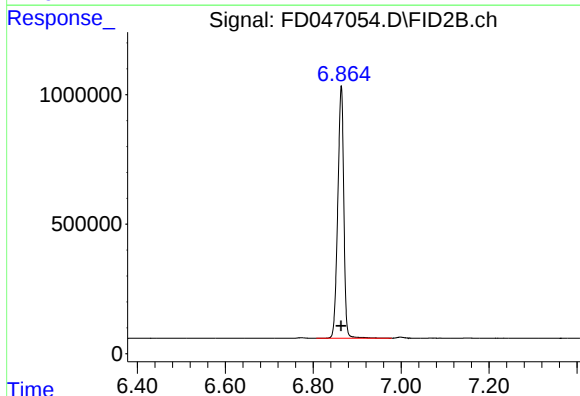
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.289 min
Delta R.T.: 0.000 min
Response: 9058235
Conc: 49.20 ug/ml



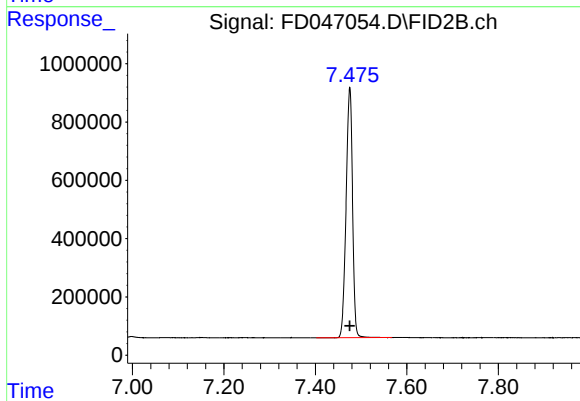
#2 Naphthalene (C11.7)

R.T.: 5.814 min
Delta R.T.: 0.000 min
Response: 9252095
Conc: 49.17 ug/ml



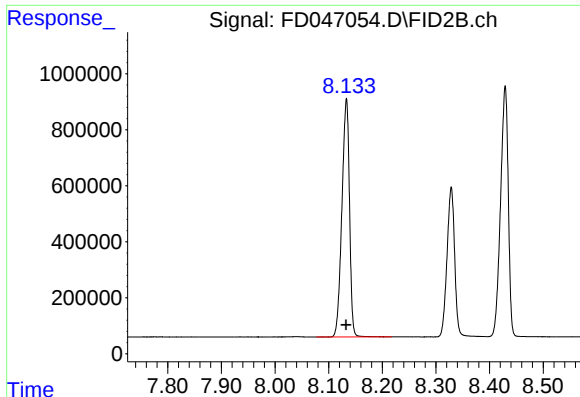
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.864 min
Delta R.T.: 0.000 min
Response: 9248154
Conc: 49.26 ug/ml



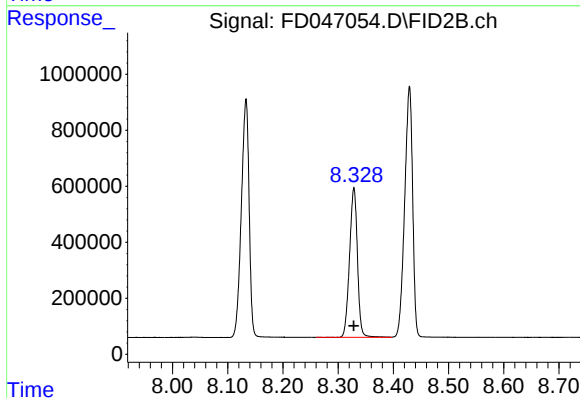
#4 2-Bromonaphthalene (SURR)

R.T.: 7.475 min
Delta R.T.: 0.000 min
Response: 8390480
Conc: 49.29 ug/ml



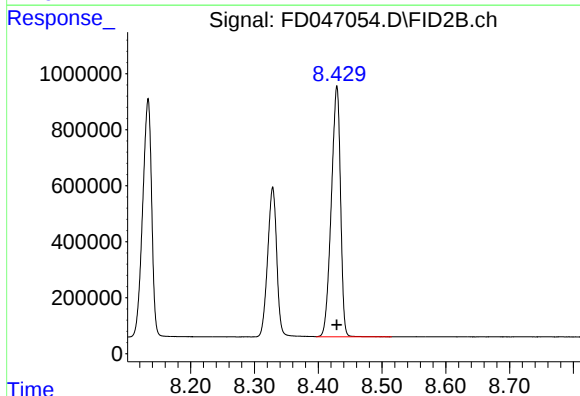
#5 Acenaphthylene (C15.06)

R.T.: 8.133 min
Delta R.T.: 0.000 min
Response: 8353093
Conc: 49.26 ug/ml



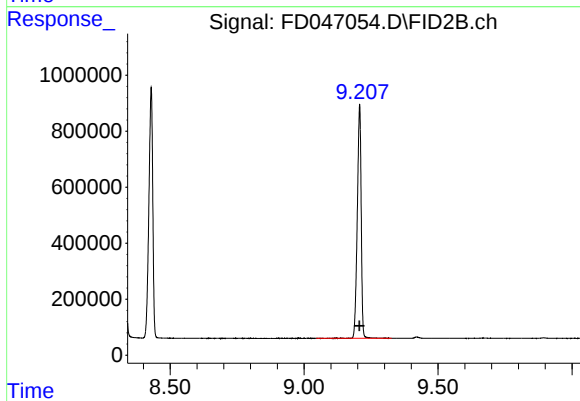
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.329 min
Delta R.T.: 0.000 min
Response: 5309123
Conc: 49.50 ug/ml



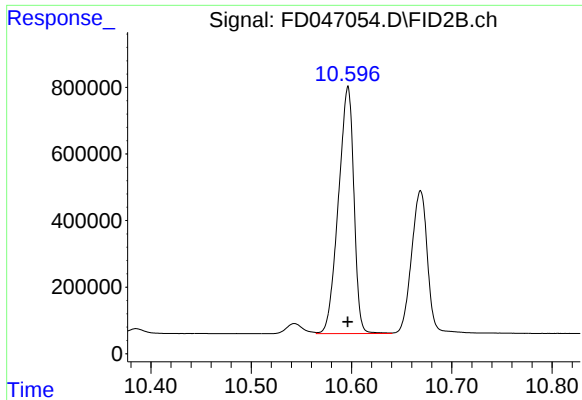
#7 Acenaphthene (C15.5)

R.T.: 8.429 min
Delta R.T.: 0.000 min
Response: 8980017
Conc: 49.34 ug/ml



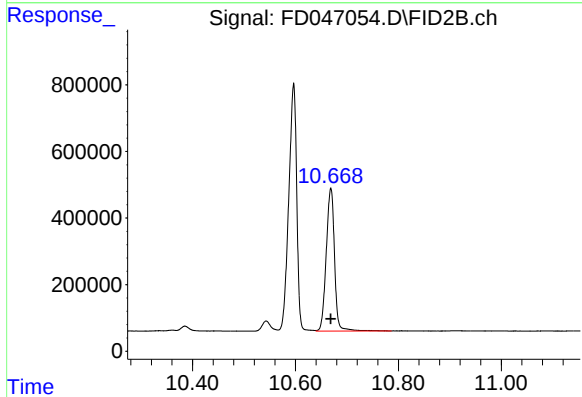
#8 Fluorene (C16.55)

R.T.: 9.207 min
Delta R.T.: 0.000 min
Response: 8395307
Conc: 49.41 ug/ml



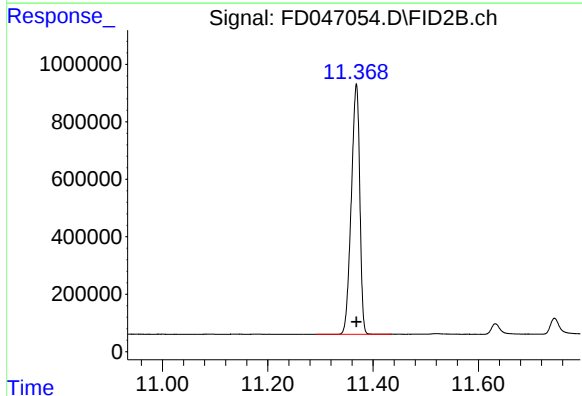
#9 Phenanthrene (C19.36)

R.T.: 10.596 min
Delta R.T.: 0.000 min
Response: 7960804
Conc: 49.23 ug/ml



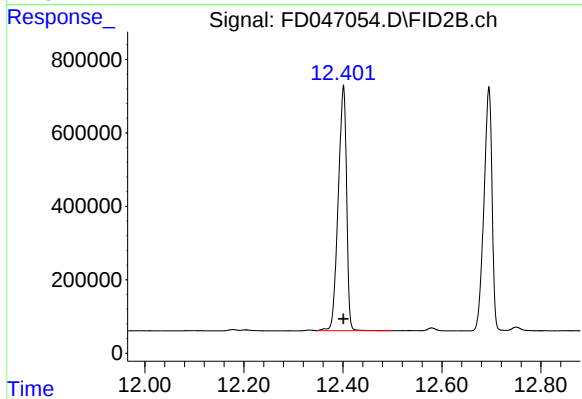
#10 Anthracene (C19.43)

R.T.: 10.669 min
Delta R.T.: 0.000 min
Response: 4789728
Conc: 51.33 ug/ml



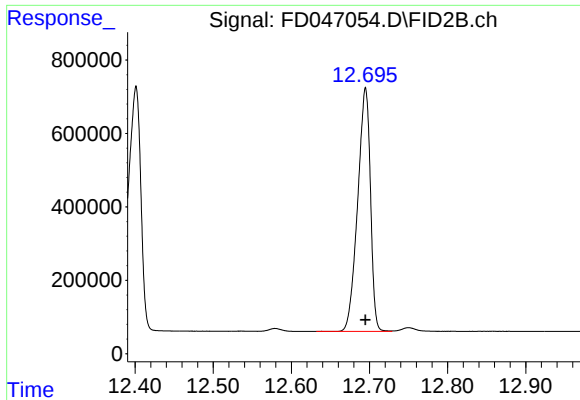
#11 ortho-Terphenyl (SURR)

R.T.: 11.368 min
Delta R.T.: 0.000 min
Response: 9713569
Conc: 49.09 ug/ml



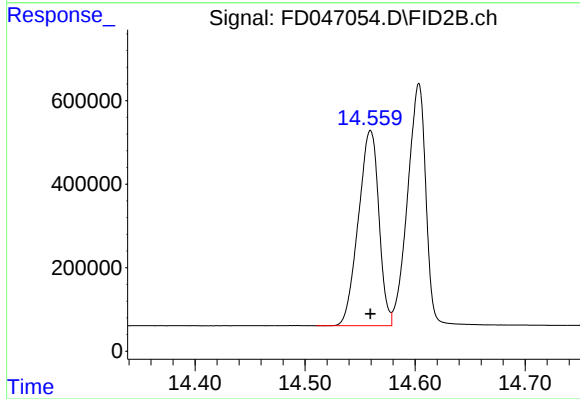
#12 Fluoranthene (C21.85)

R.T.: 12.401 min
Delta R.T.: 0.000 min
Response: 7816720
Conc: 49.29 ug/ml



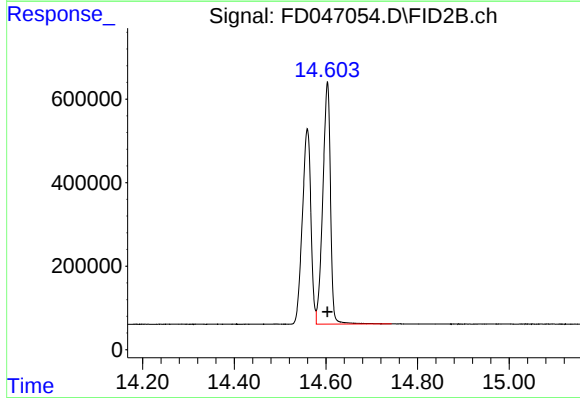
#13 Pyrene (C20.8)

R.T.: 12.695 min
Delta R.T.: 0.000 min
Response: 7527392
Conc: 49.14 ug/ml



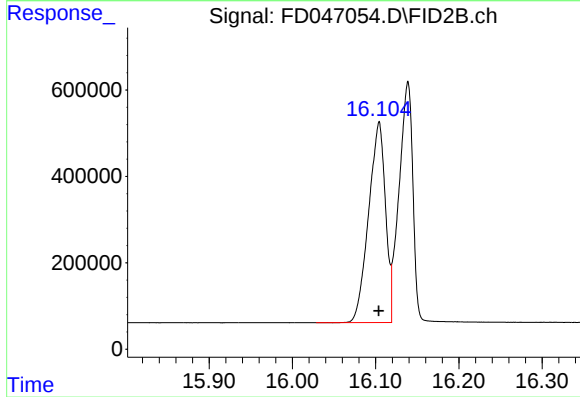
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.559 min
Delta R.T.: 0.000 min
Response: 6047030
Conc: 49.49 ug/ml



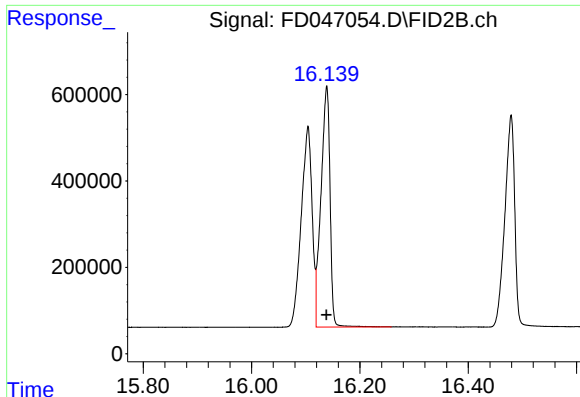
#15 Chrysene (C27.41)

R.T.: 14.603 min
Delta R.T.: 0.000 min
Response: 6752366
Conc: 48.64 ug/ml



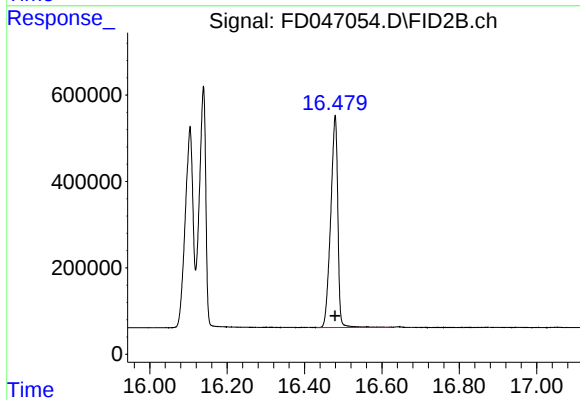
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.104 min
Delta R.T.: 0.000 min
Response: 6517301
Conc: 48.77 ug/ml



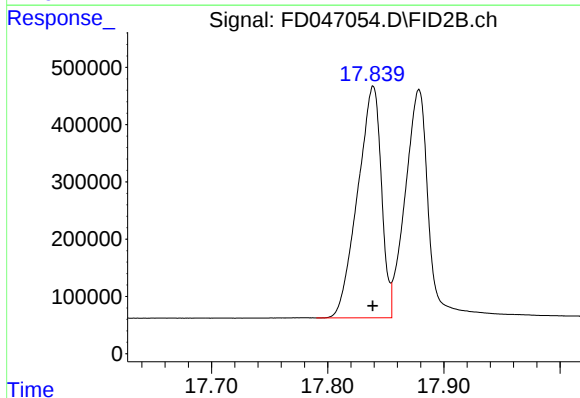
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.138 min
Delta R.T.: 0.000 min
Response: 6456825
Conc: 48.72 ug/ml



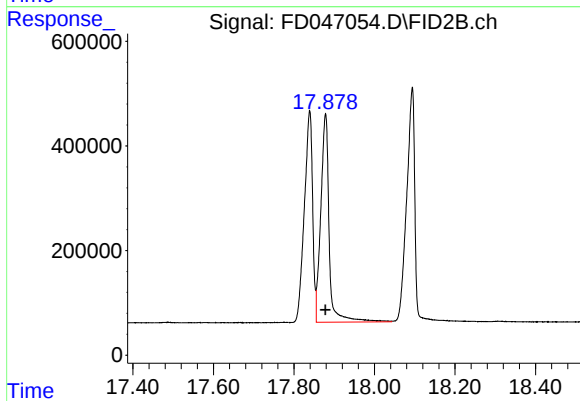
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.479 min
Delta R.T.: 0.000 min
Response: 6257302
Conc: 50.54 ug/ml



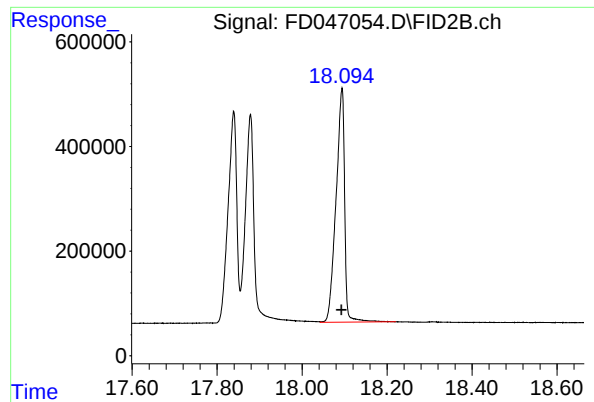
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.839 min
Delta R.T.: 0.000 min
Response: 5741744
Conc: 49.86 ug/ml



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

R.T.: 17.878 min
Delta R.T.: 0.000 min
Response: 5777608
Conc: 49.37 ug/ml



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

R.T.: 18.093 min
Delta R.T.: 0.000 min
Response: 6306534
Conc: 49.12 ug/ml