

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012323AR\
 Data File : FD044869.D
 Signal(s) : FID2B.ch
 Acq On : 23 Jan 2023 12:47
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 23 13:20:56 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 23 13:20:24 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...	7.560	2877482	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.417	1961993	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.459	3640320	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.369	3105345	20.000 ug/ml
2) T Naphthalene (C11.7)	5.900	3302488	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	6.949	3339266	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.220	3082774	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.516	3259768	20.000 ug/ml
8) T Flouorene (C16.55)	9.295	3234875	20.000 ug/ml
9) T Phenanthrene (C19.36)	10.687	3183028	20.000 ug/ml
10) T Anthracene (C19.43)	10.761	2889096	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.493	3133599	20.000 ug/ml
13) T Pyrene (C20.8)	12.788	3067972	20.000 ug/ml
14) T Benzo[a]anthracene (C...	14.653	2783202	20.000 ug/ml
15) T Chrysene (C27.41)	14.696	2886001	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.197	2816371	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.229	2771427	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.572	2730010	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.928	2599330	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	17.971	2605883	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.182	2661549	20.000 ug/ml

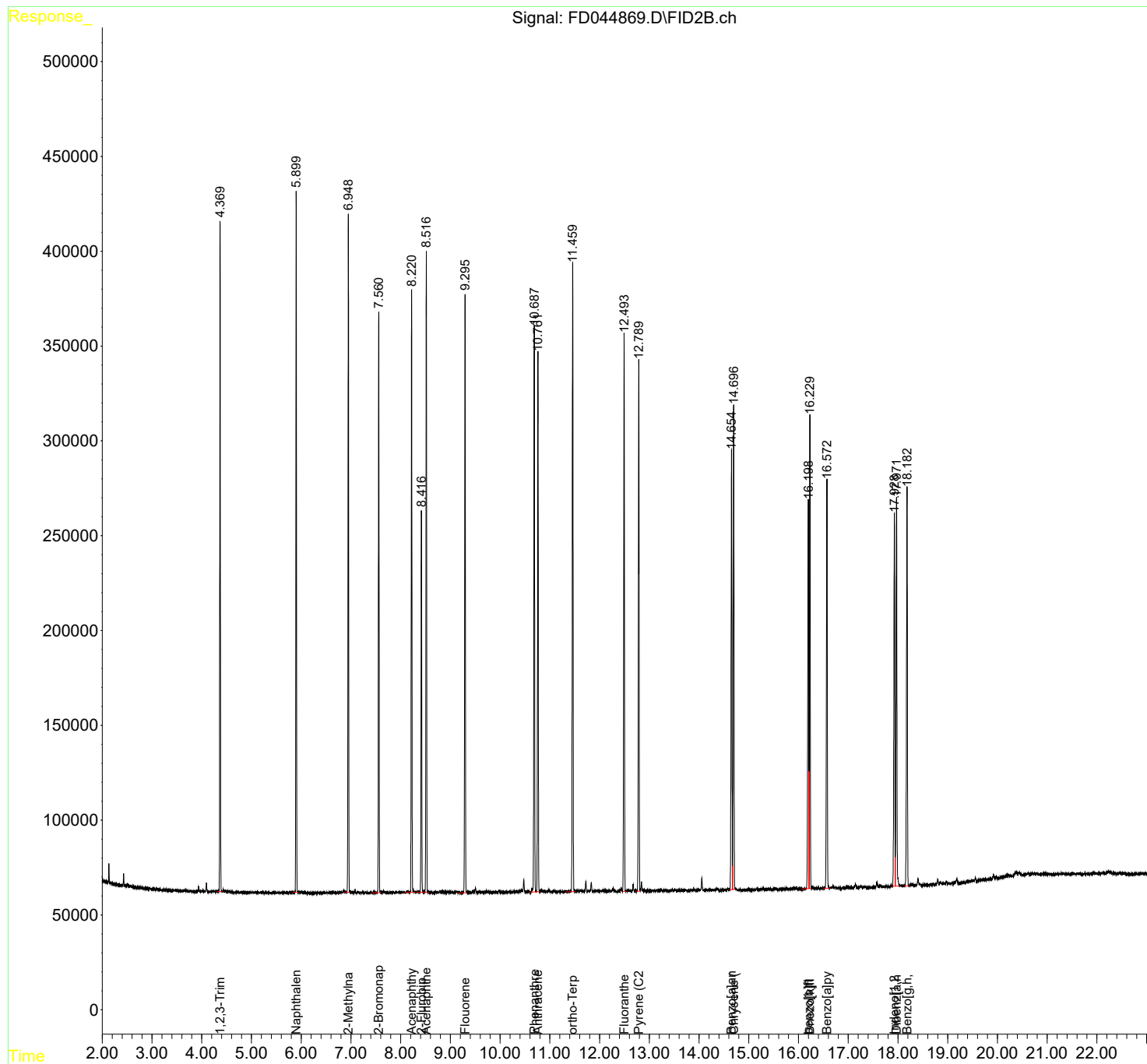
(f)=RT Delta > 1/2 Window

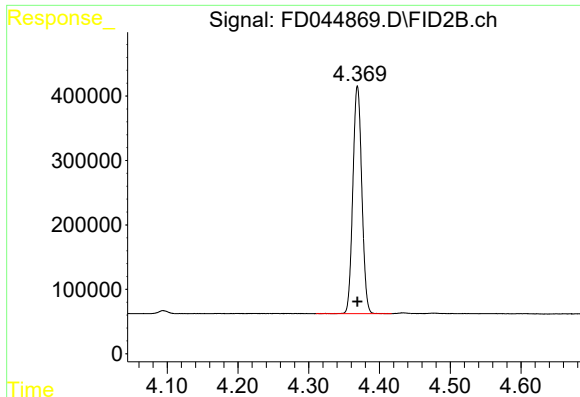
(m)=manual int.

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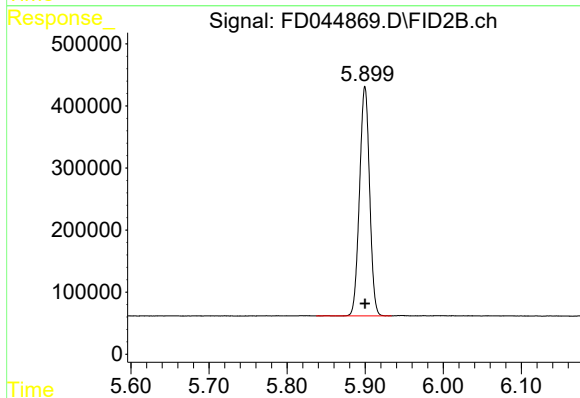
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Signal Info : 20M x 0.18mm x 0.18µm





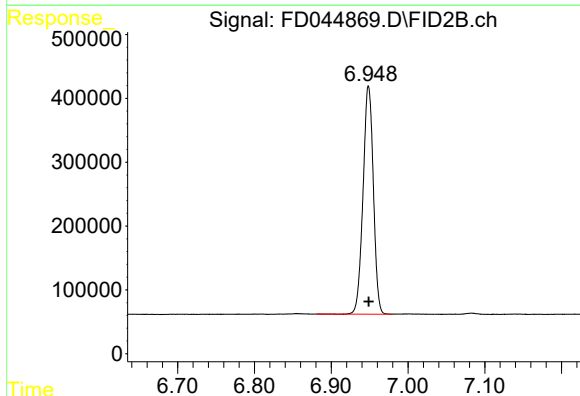
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.369 min
Delta R.T.: 0.000 min
Response: 3105345
Conc: 20.00 ug/ml



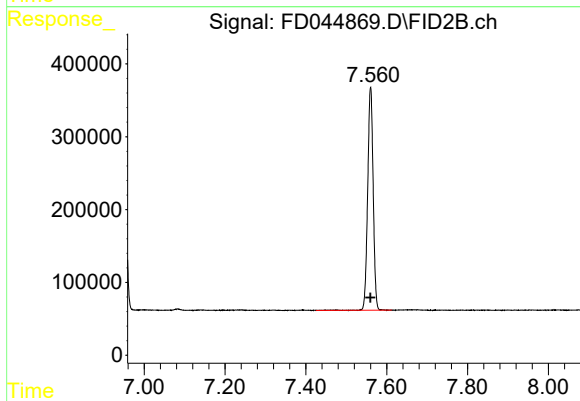
#2 Naphthalene (C11.7)

R.T.: 5.900 min
Delta R.T.: 0.000 min
Response: 3302488
Conc: 20.00 ug/ml



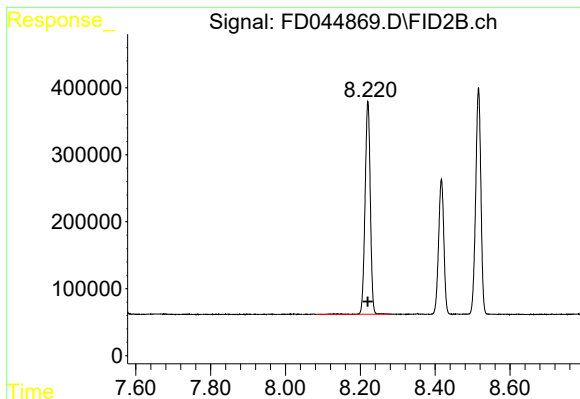
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.949 min
Delta R.T.: 0.000 min
Response: 3339266
Conc: 20.00 ug/ml



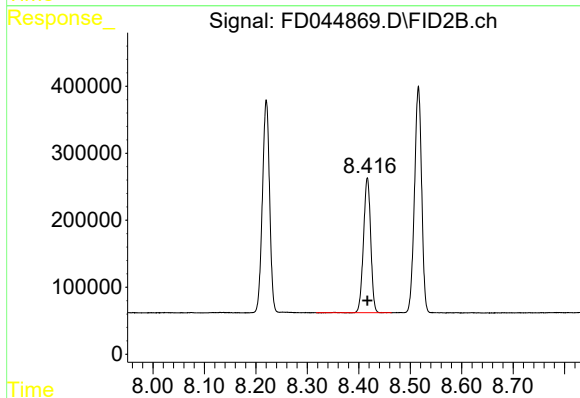
#4 2-Bromonaphthalene (SURR)

R.T.: 7.560 min
Delta R.T.: 0.000 min
Response: 2877482
Conc: 20.00 ug/ml



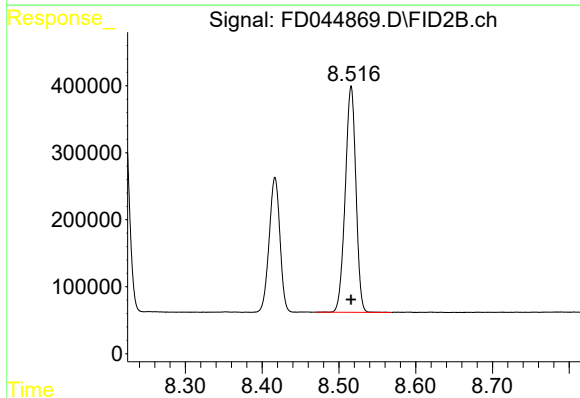
#5 Acenaphthylene (C15.06)

R.T.: 8.220 min
Delta R.T.: 0.000 min
Response: 3082774
Conc: 20.00 ug/ml



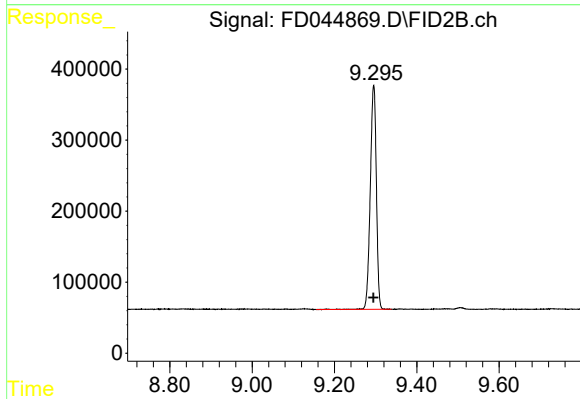
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.417 min
Delta R.T.: 0.000 min
Response: 1961993
Conc: 20.00 ug/ml



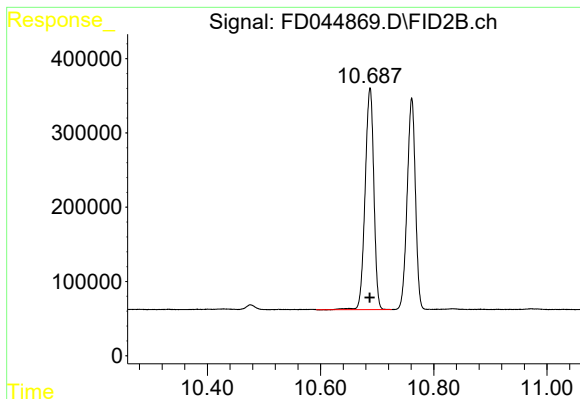
#7 Acenaphthene (C15.5)

R.T.: 8.516 min
Delta R.T.: 0.000 min
Response: 3259768
Conc: 20.00 ug/ml



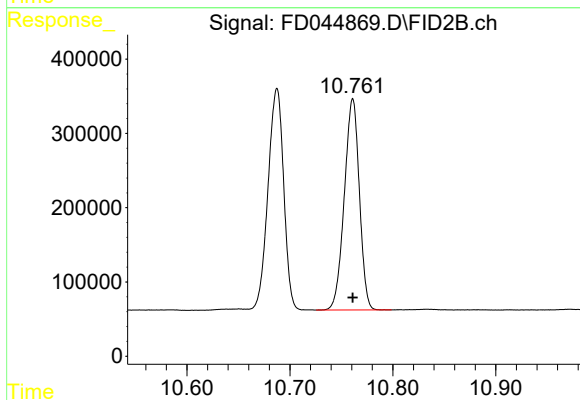
#8 Fluorene (C16.55)

R.T.: 9.295 min
Delta R.T.: 0.000 min
Response: 3234875
Conc: 20.00 ug/ml



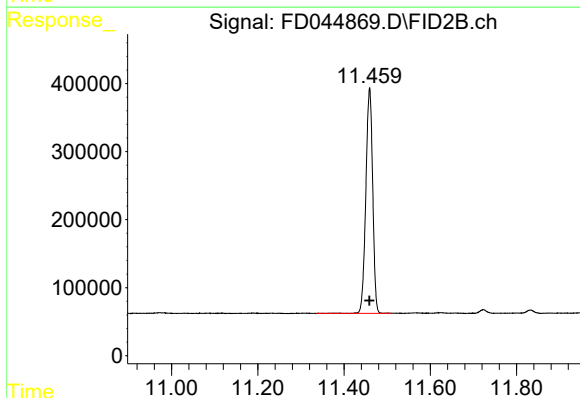
#9 Phenanthrene (C19.36)

R.T.: 10.687 min
Delta R.T.: 0.000 min
Response: 3183028
Conc: 20.00 ug/ml



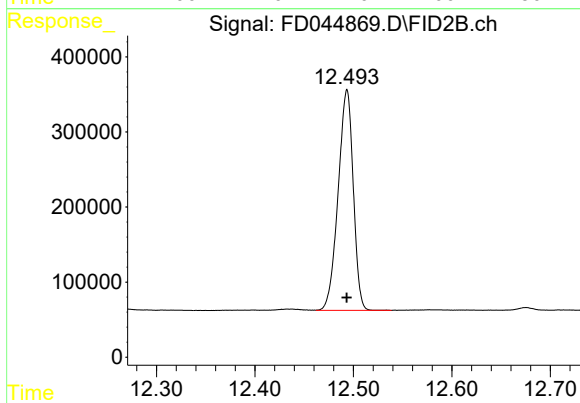
#10 Anthracene (C19.43)

R.T.: 10.761 min
Delta R.T.: 0.000 min
Response: 2889096
Conc: 20.00 ug/ml



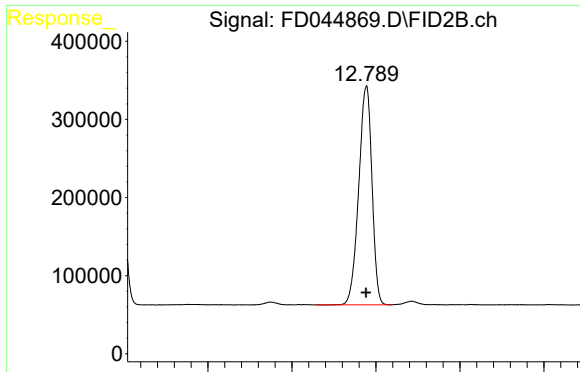
#11 ortho-Terphenyl (SURR)

R.T.: 11.459 min
Delta R.T.: 0.000 min
Response: 3640320
Conc: 20.00 ug/ml



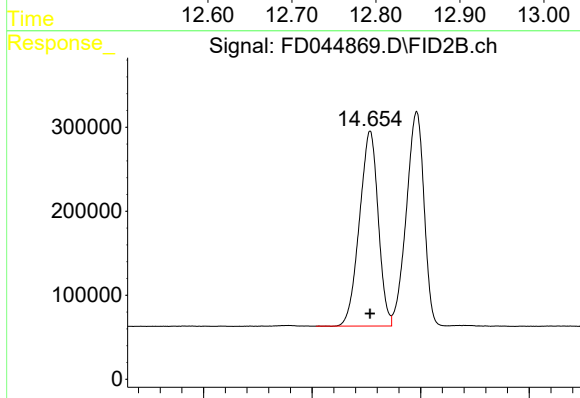
#12 Fluoranthene (C21.85)

R.T.: 12.493 min
Delta R.T.: 0.000 min
Response: 3133599
Conc: 20.00 ug/ml



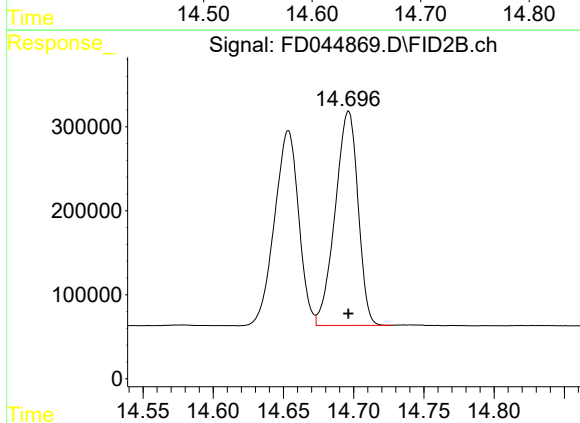
#13 Pyrene (C20.8)

R.T.: 12.788 min
Delta R.T.: 0.000 min
Response: 3067972
Conc: 20.00 ug/ml



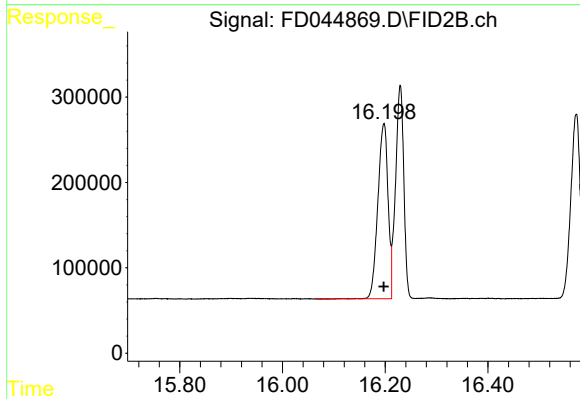
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.653 min
Delta R.T.: 0.000 min
Response: 2783202
Conc: 20.00 ug/ml



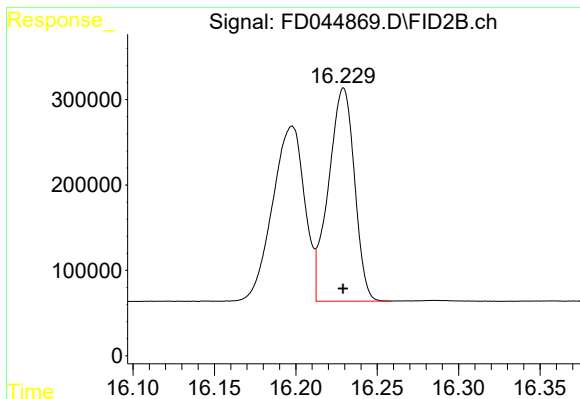
#15 Chrysene (C27.41)

R.T.: 14.696 min
Delta R.T.: 0.000 min
Response: 2886001
Conc: 20.00 ug/ml



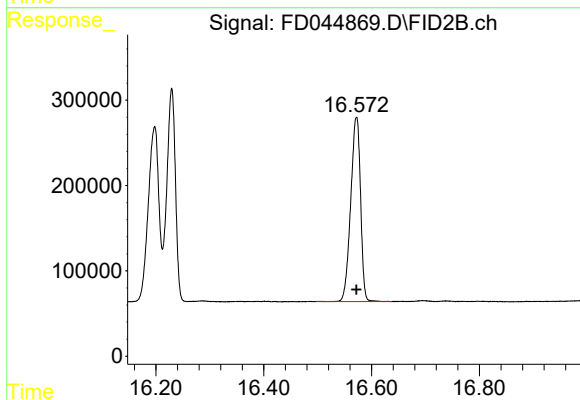
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.197 min
Delta R.T.: 0.000 min
Response: 2816371
Conc: 20.00 ug/ml



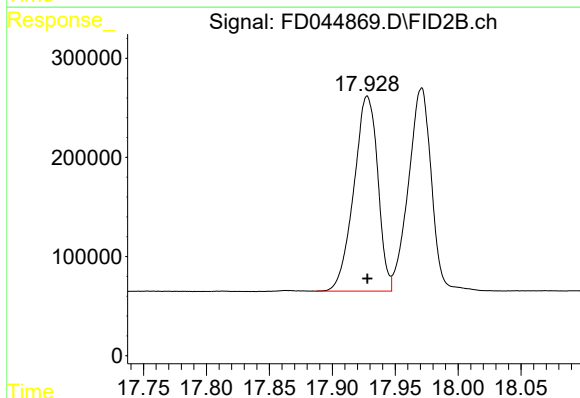
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.229 min
Delta R.T.: 0.000 min
Response: 2771427
Conc: 20.00 ug/ml



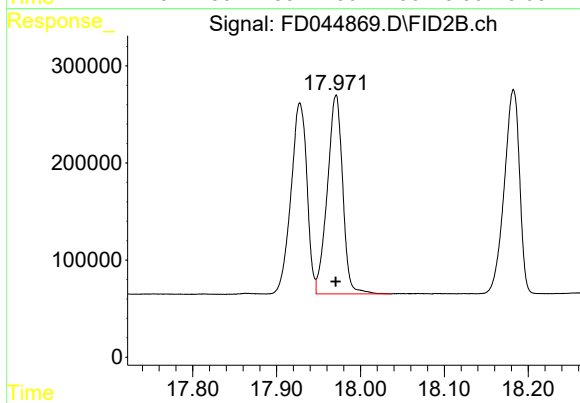
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.572 min
Delta R.T.: 0.000 min
Response: 2730010
Conc: 20.00 ug/ml



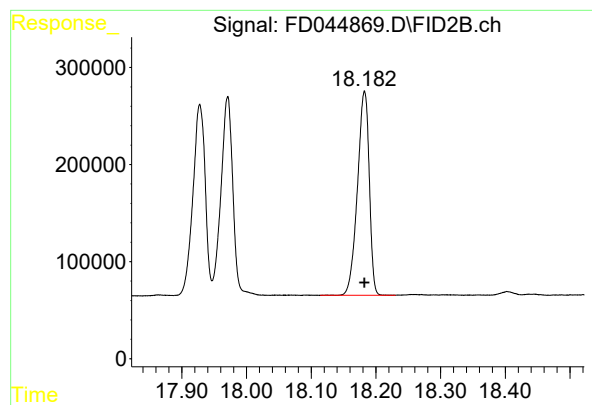
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.928 min
Delta R.T.: 0.000 min
Response: 2599330
Conc: 20.00 ug/ml



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

R.T.: 17.971 min
Delta R.T.: 0.000 min
Response: 2605883
Conc: 20.00 ug/ml



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

R.T.: 18.182 min
Delta R.T.: 0.000 min
Response: 2661549
Conc: 20.00 ug/ml