

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012323AR\
 Data File : FD044866.D
 Signal(s) : FID2B.ch
 Acq On : 23 Jan 2023 10:39
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 24 00:36:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 23 15:00:18 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	3018408	20.581 ug/ml
Spiked Amount 50.000		Recovery =	41.16%
6) S 2-Fluorobiphenyl (SURR)	8.417	2049179	20.530 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.06%
11) S ortho-Terphenyl (SURR)	11.459	3804077	20.467 ug/ml
Spiked Amount 50.000		Recovery =	40.93%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.368	3263020	20.441 ug/ml
2) T Naphthalene (C11.7)	5.899	3467065	20.463 ug/ml
3) T 2-Methylnaphthalene (...)	6.949	3502767	20.417 ug/ml
5) T Acenaphthylene (C15.06)	8.221	3249584	20.679 ug/ml
7) T Acenaphthene (C15.5)	8.516	3413965	20.533 ug/ml
8) T Flouorene (C16.55)	9.295	3369874	20.531 ug/ml
9) T Phenanthrene (C19.36)	10.687	3320406	20.537 ug/ml
10) T Anthracene (C19.43)	10.761	3174870	21.416 ug/ml
12) T Fluoranthene (C21.85)	12.493	3287313	20.540 ug/ml
13) T Pyrene (C20.8)	12.788	3211783	20.468 ug/ml
14) T Benzo[a]anthracene (C...	14.655	2916867	20.437 ug/ml
15) T Chrysene (C27.41)	14.696	3021181	20.405 ug/ml
16) T benzo[b]fluoranthene ...	16.197	2944057	20.294 ug/ml
17) T Bnezo[k]fluoranthene ...	16.231	2897318	20.322 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.573	2870716	20.544 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.932	2696260	20.036 ug/ml
20) T Dibenz[a,h]anthracene...	17.974	2638057	19.907 ug/ml
21) T Benzo[g,h,i]perylene ...	18.185	2766861	20.350 ug/ml

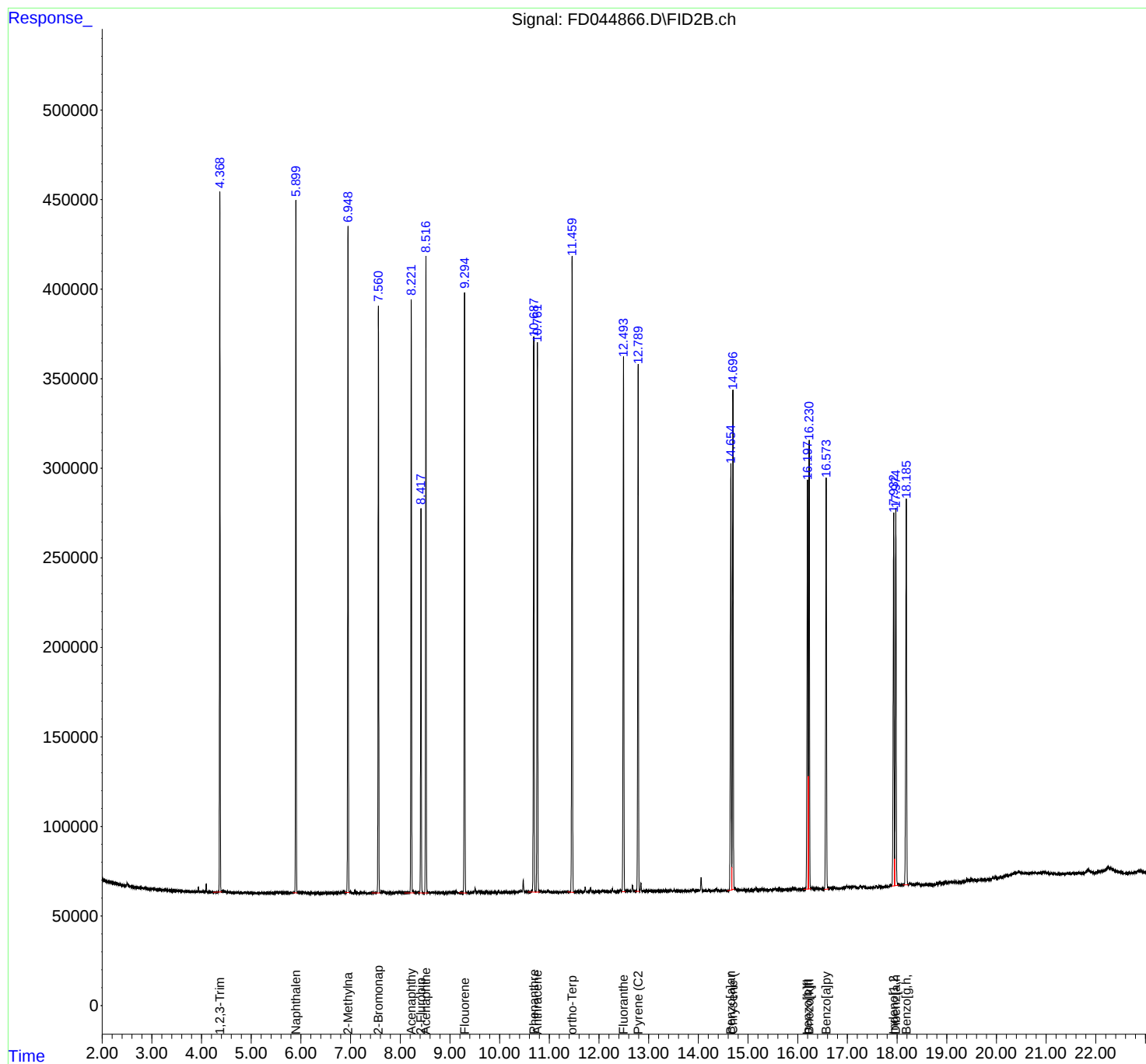
(f)=RT Delta > 1/2 Window

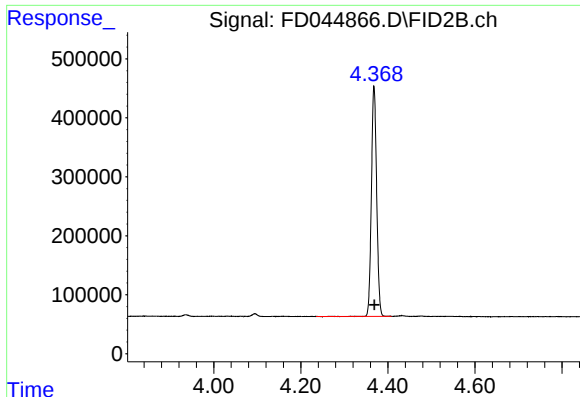
(m)=manual int.

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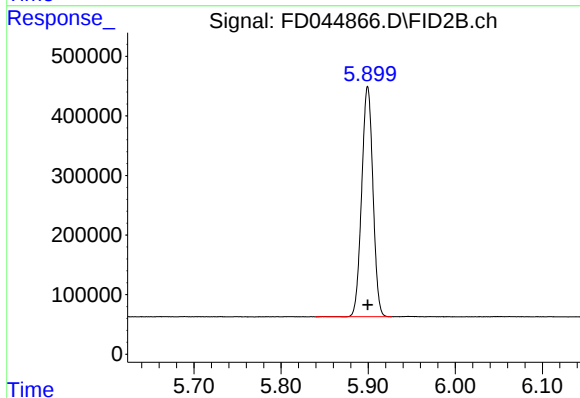
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





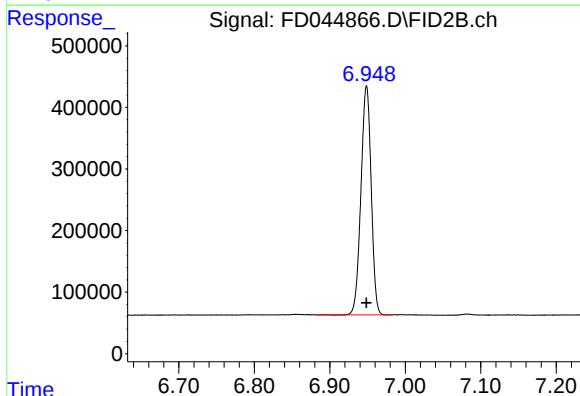
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.368 min
Delta R.T.: 0.000 min
Response: 3263020
Conc: 20.44 ug/ml



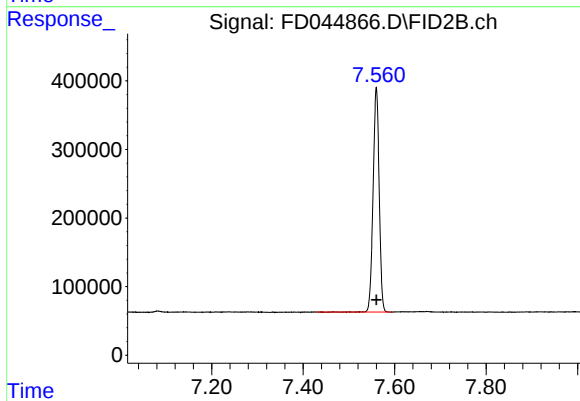
#2 Naphthalene (C11.7)

R.T.: 5.899 min
Delta R.T.: 0.000 min
Response: 3467065
Conc: 20.46 ug/ml



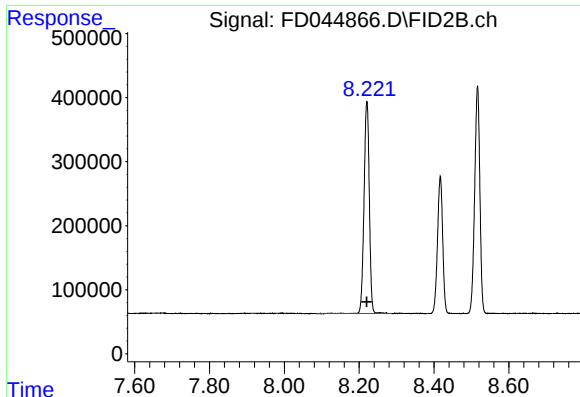
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.949 min
Delta R.T.: 0.000 min
Response: 3502767
Conc: 20.42 ug/ml



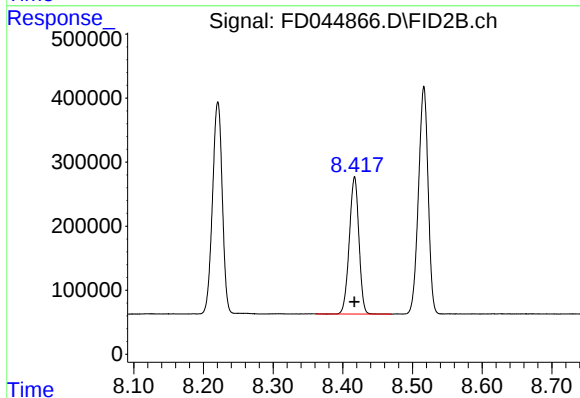
#4 2-Bromonaphthalene (SURR)

R.T.: 7.560 min
Delta R.T.: 0.000 min
Response: 3018408
Conc: 20.58 ug/ml



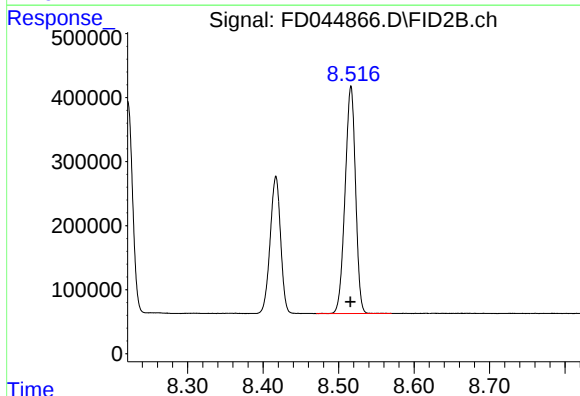
#5 Acenaphthylene (C15.06)

R.T.: 8.221 min
Delta R.T.: 0.000 min
Response: 3249584
Conc: 20.68 ug/ml



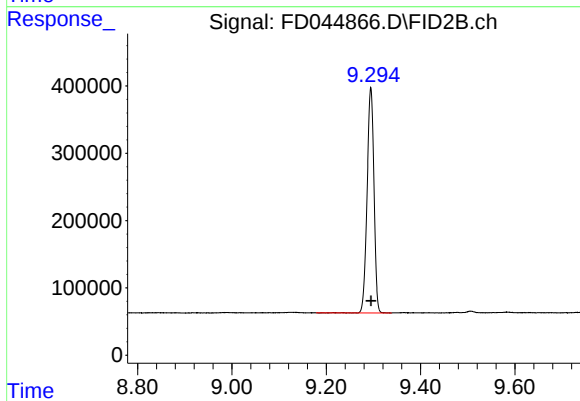
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.417 min
Delta R.T.: 0.000 min
Response: 2049179
Conc: 20.53 ug/ml



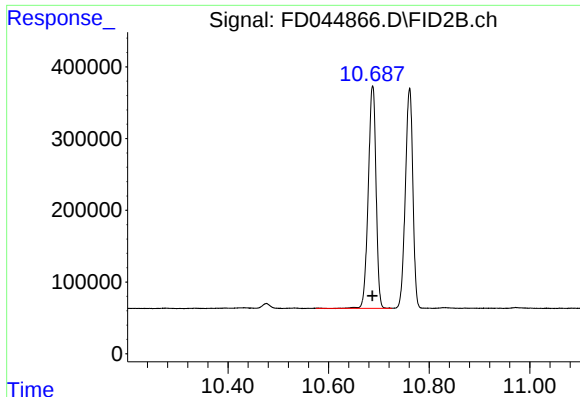
#7 Acenaphthene (C15.5)

R.T.: 8.516 min
Delta R.T.: 0.000 min
Response: 3413965
Conc: 20.53 ug/ml



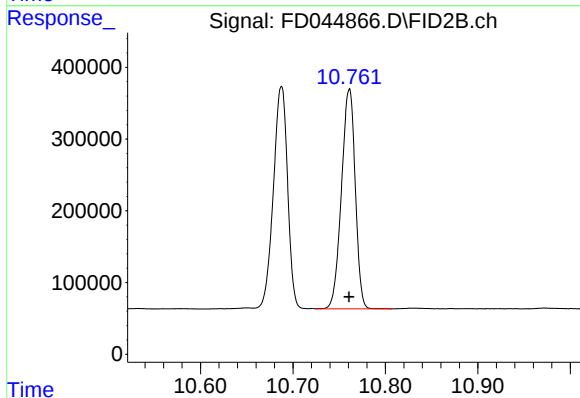
#8 Fluorene (C16.55)

R.T.: 9.295 min
Delta R.T.: 0.000 min
Response: 3369874
Conc: 20.53 ug/ml



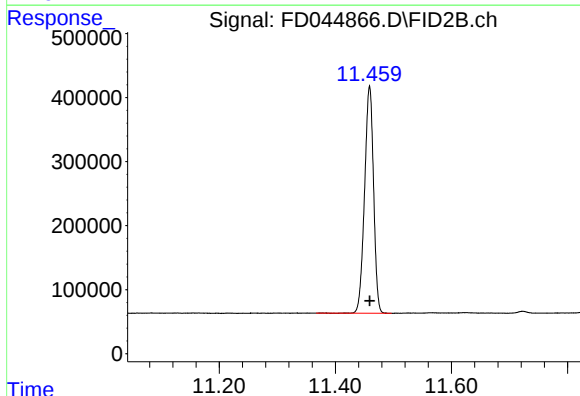
#9 Phenanthrene (C19.36)

R.T.: 10.687 min
Delta R.T.: 0.000 min
Response: 3320406
Conc: 20.54 ug/ml



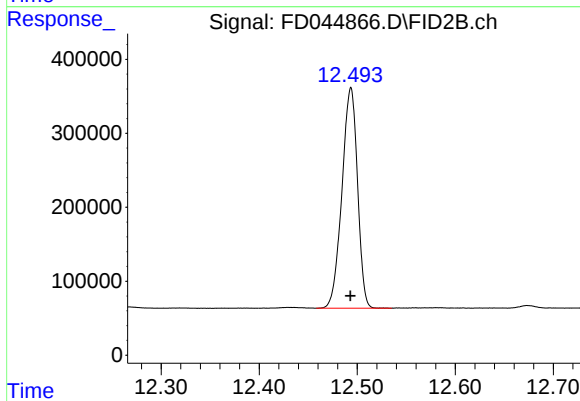
#10 Anthracene (C19.43)

R.T.: 10.761 min
Delta R.T.: 0.000 min
Response: 3174870
Conc: 21.42 ug/ml



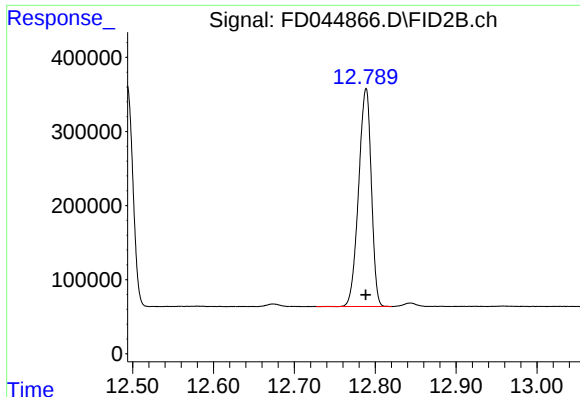
#11 ortho-Terphenyl (SURR)

R.T.: 11.459 min
Delta R.T.: 0.000 min
Response: 3804077
Conc: 20.47 ug/ml



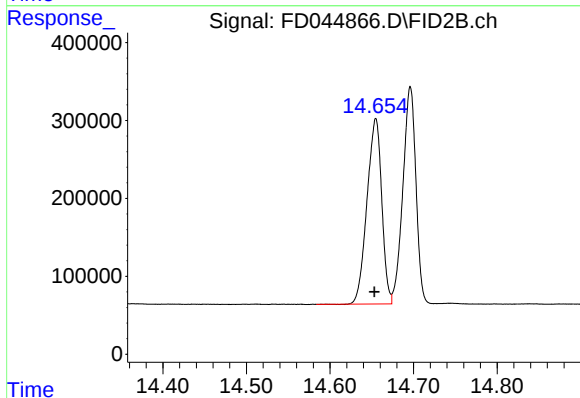
#12 Fluoranthene (C21.85)

R.T.: 12.493 min
Delta R.T.: 0.000 min
Response: 3287313
Conc: 20.54 ug/ml



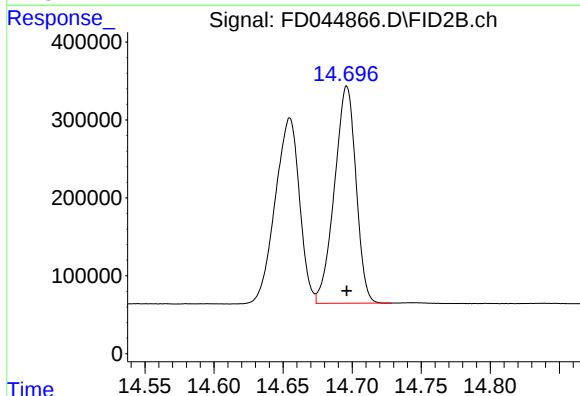
#13 Pyrene (C20.8)

R.T.: 12.788 min
Delta R.T.: 0.000 min
Response: 3211783
Conc: 20.47 ug/ml



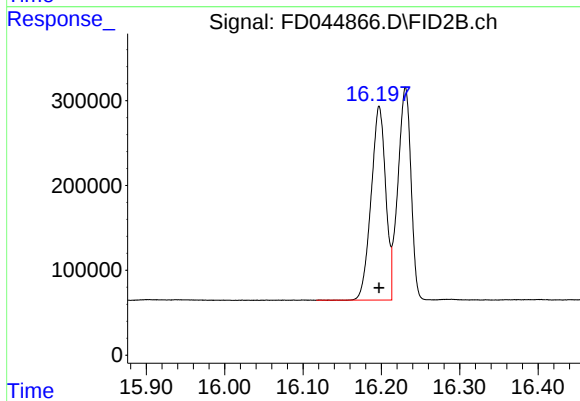
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.655 min
Delta R.T.: 0.001 min
Response: 2916867
Conc: 20.44 ug/ml



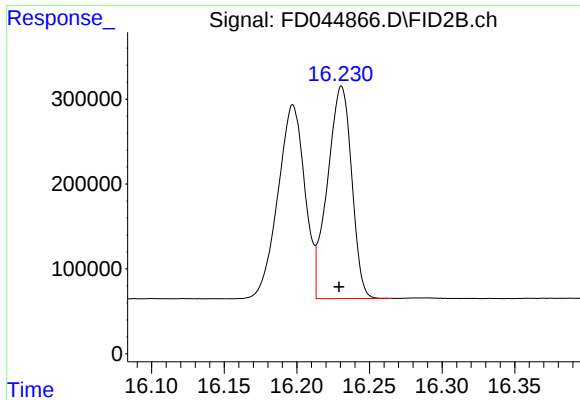
#15 Chrysene (C27.41)

R.T.: 14.696 min
Delta R.T.: 0.000 min
Response: 3021181
Conc: 20.40 ug/ml



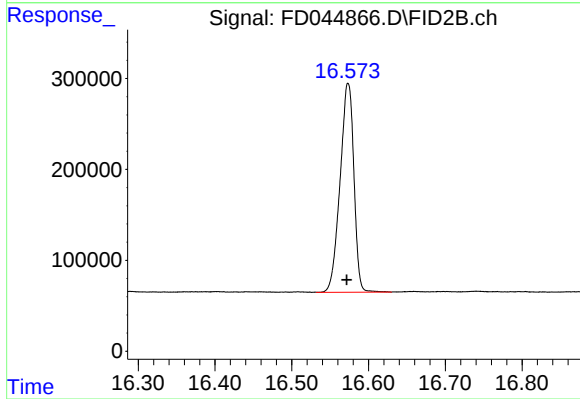
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.197 min
Delta R.T.: 0.000 min
Response: 2944057
Conc: 20.29 ug/ml



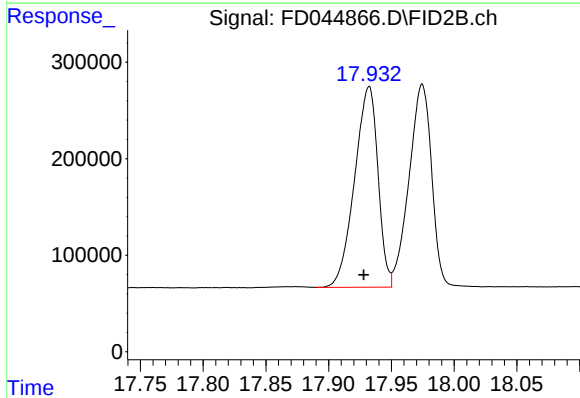
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.231 min
Delta R.T.: 0.001 min
Response: 2897318
Conc: 20.32 ug/ml



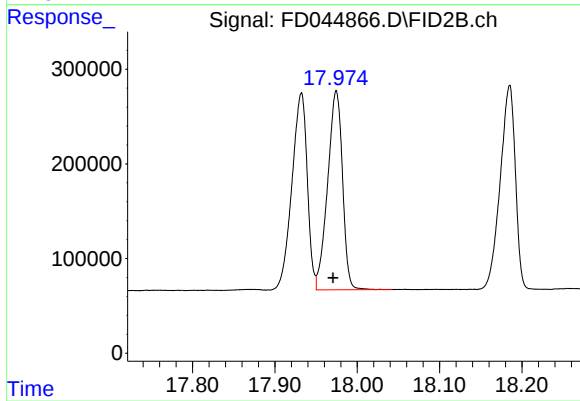
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.573 min
Delta R.T.: 0.002 min
Response: 2870716
Conc: 20.54 ug/ml



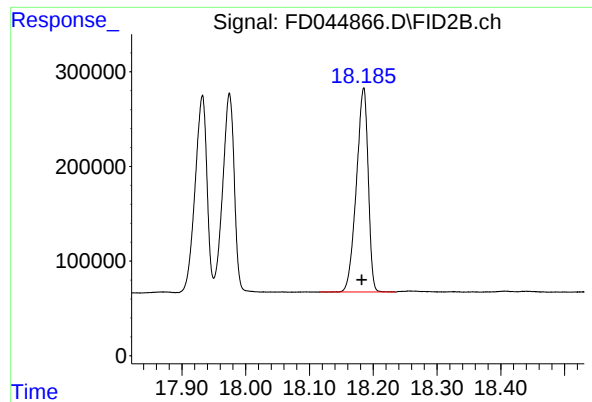
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.932 min
Delta R.T.: 0.004 min
Response: 2696260
Conc: 20.04 ug/ml



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

R.T.: 17.974 min
Delta R.T.: 0.004 min
Response: 2638057
Conc: 19.91 ug/ml



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

R.T.: 18.185 min
Delta R.T.: 0.002 min
Response: 2766861
Conc: 20.35 ug/ml