

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012323AR\
 Data File : FD044874.D
 Signal(s) : FID2B.ch
 Acq On : 23 Jan 2023 16:28
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 24 00:36:56 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	2895268	19.741 ug/ml
Spiked Amount 50.000		Recovery =	39.48%
6) S 2-Fluorobiphenyl (SURR)	8.416	1968726	19.724 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.45%
11) S ortho-Terphenyl (SURR)	11.457	3664059	19.714 ug/ml
Spiked Amount 50.000		Recovery =	39.43%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.368	3150772	19.738 ug/ml
2) T Naphthalene (C11.7)	5.900	3340755	19.717 ug/ml
3) T 2-Methylnaphthalene (...)	6.949	3367016	19.626 ug/ml
5) T Acenaphthylene (C15.06)	8.220	3096585	19.706 ug/ml
7) T Acenaphthene (C15.5)	8.516	3285320	19.759 ug/ml
8) T Flouorene (C16.55)	9.294	3253951	19.825 ug/ml
9) T Phenanthrene (C19.36)	10.686	3217330	19.899 ug/ml
10) T Anthracene (C19.43)	10.760	2907726	19.614 ug/ml
12) T Fluoranthene (C21.85)	12.492	3180635	19.874 ug/ml
13) T Pyrene (C20.8)	12.788	3105033	19.788 ug/ml
14) T Benzo[a]anthracene (C...	14.653	2806494	19.664 ug/ml
15) T Chrysene (C27.41)	14.695	2908013	19.640 ug/ml
16) T benzo[b]fluoranthene ...	16.196	2835223	19.544 ug/ml
17) T Bnezo[k]fluoranthene ...	16.229	2785054	19.534 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.572	2727024	19.515 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.929	2585851	19.216 ug/ml
20) T Dibenz[a,h]anthracene...	17.971	2559329	19.313 ug/ml
21) T Benzo[g,h,i]perylene ...	18.182	2645448	19.457 ug/ml

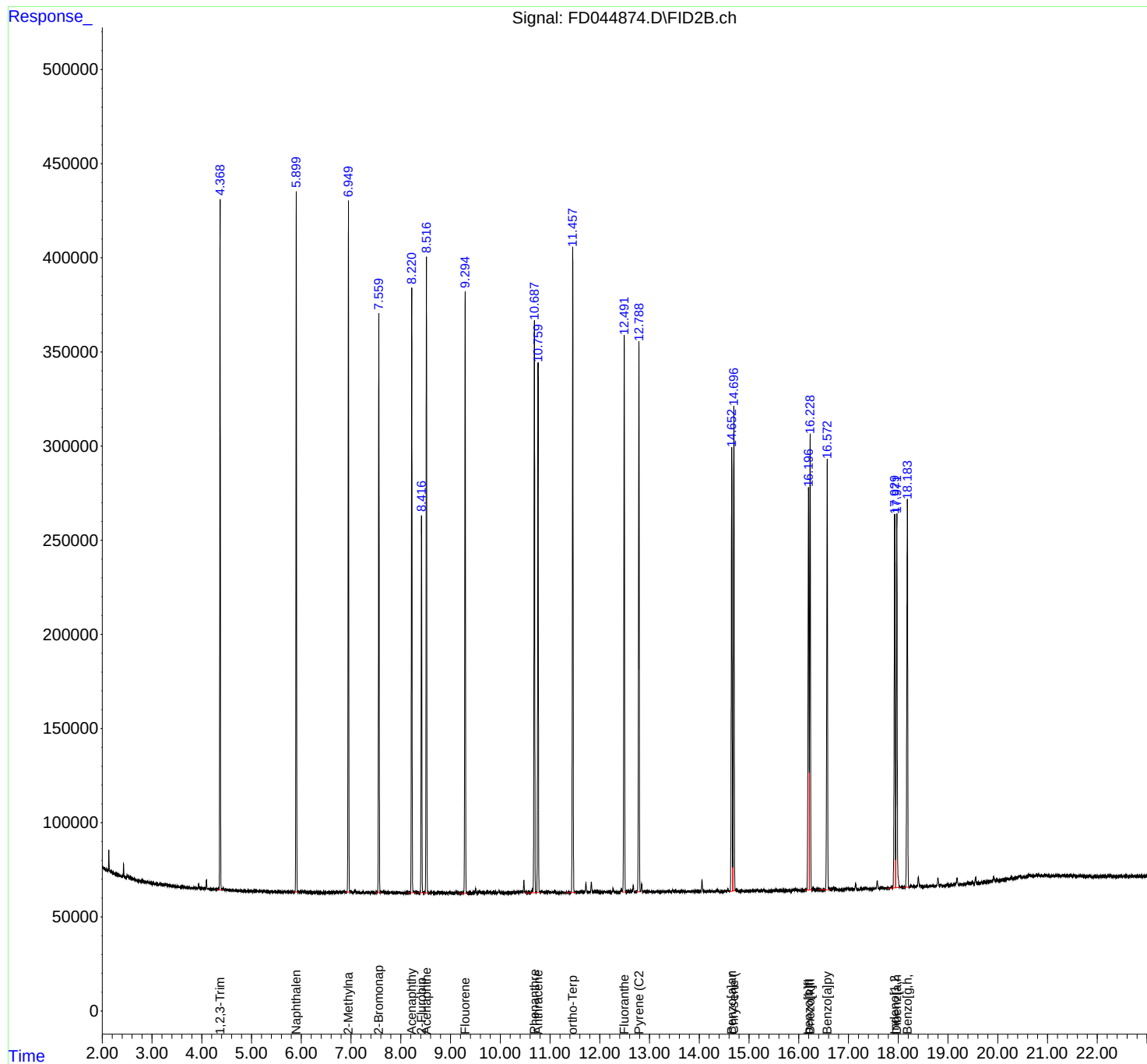
(f)=RT Delta > 1/2 Window

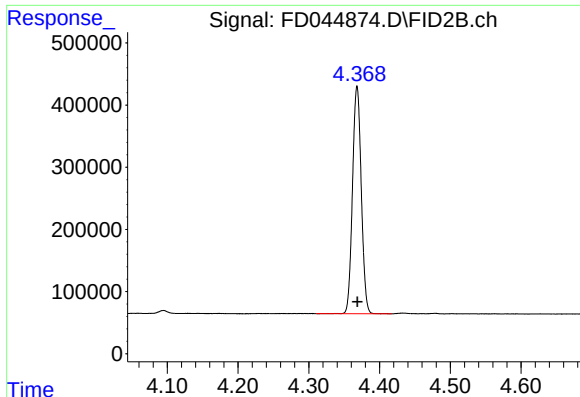
(m)=manual int.

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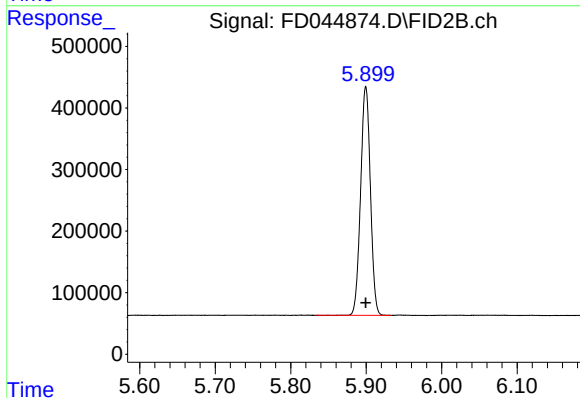
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Signal Info : 20M x 0.18mm x 0.18µm





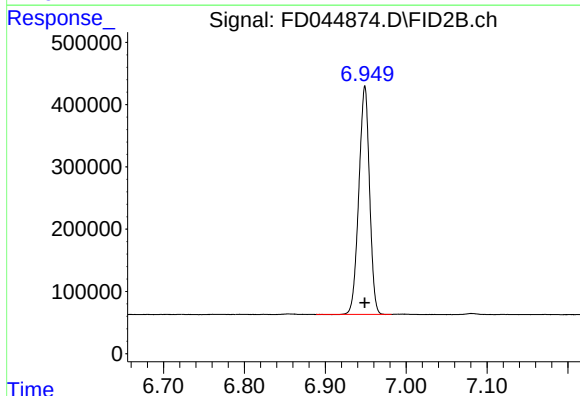
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.368 min
Delta R.T.: 0.000 min
Response: 3150772
Conc: 19.74 ug/ml



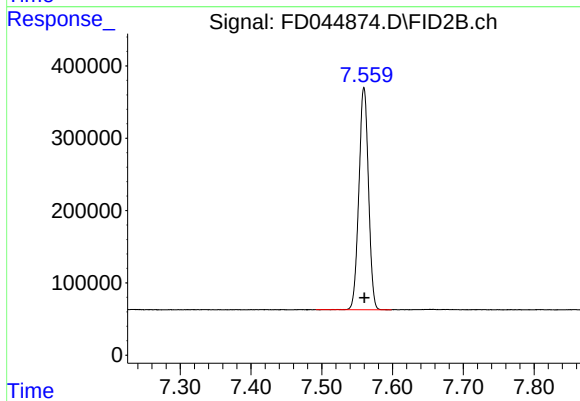
#2 Naphthalene (C11.7)

R.T.: 5.900 min
Delta R.T.: 0.000 min
Response: 3340755
Conc: 19.72 ug/ml



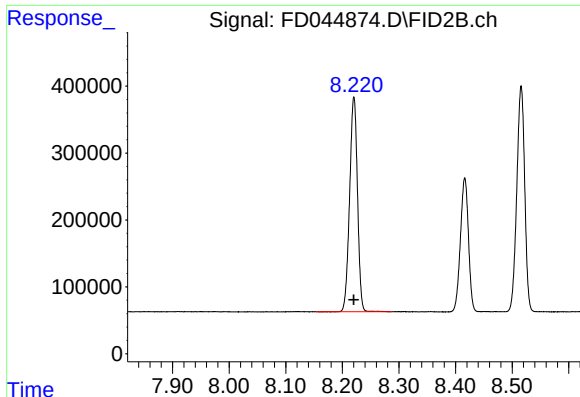
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.949 min
Delta R.T.: 0.000 min
Response: 3367016
Conc: 19.63 ug/ml



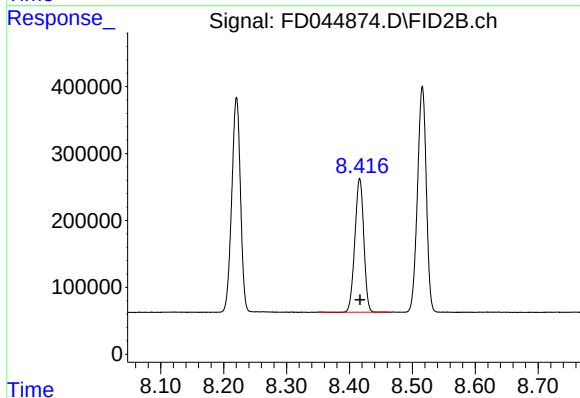
#4 2-Bromonaphthalene (SURR)

R.T.: 7.560 min
Delta R.T.: 0.000 min
Response: 2895268
Conc: 19.74 ug/ml



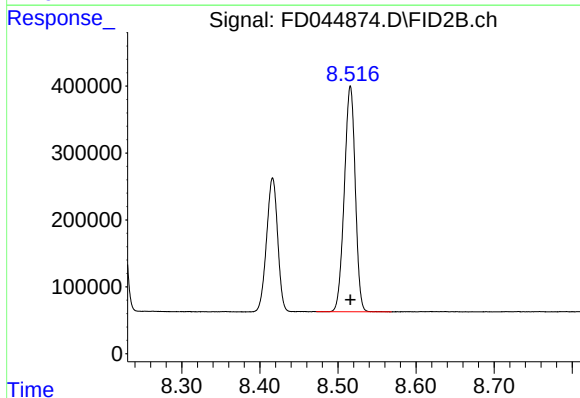
#5 Acenaphthylene (C15.06)

R.T.: 8.220 min
Delta R.T.: 0.000 min
Response: 3096585
Conc: 19.71 ug/ml



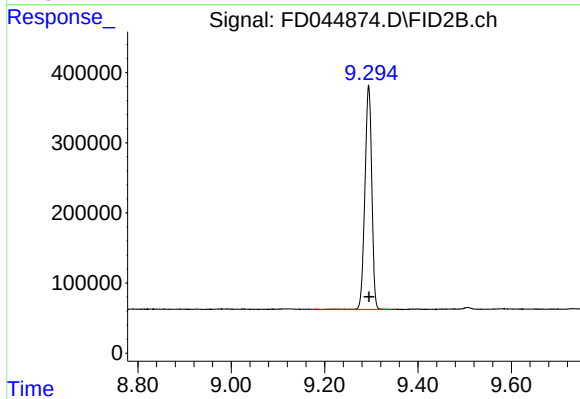
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.416 min
Delta R.T.: 0.000 min
Response: 1968726
Conc: 19.72 ug/ml



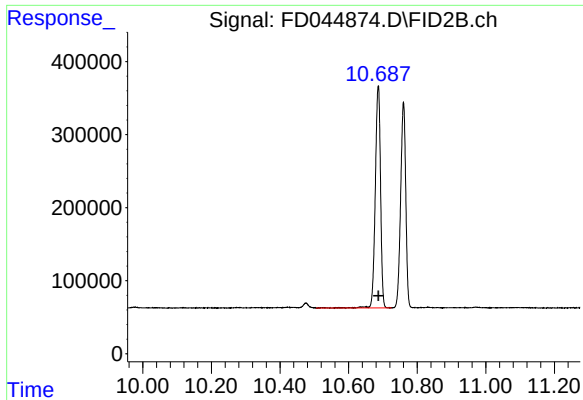
#7 Acenaphthene (C15.5)

R.T.: 8.516 min
Delta R.T.: 0.000 min
Response: 3285320
Conc: 19.76 ug/ml



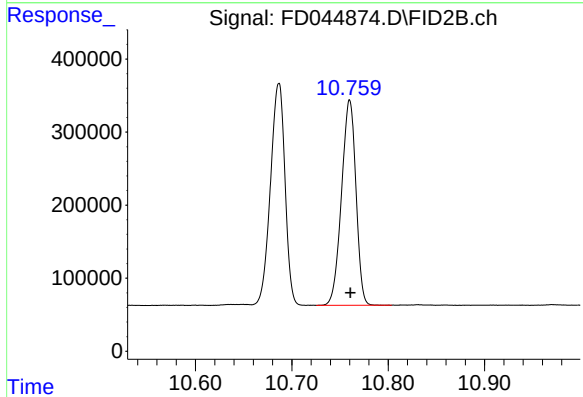
#8 Fluorene (C16.55)

R.T.: 9.294 min
Delta R.T.: 0.000 min
Response: 3253951
Conc: 19.82 ug/ml



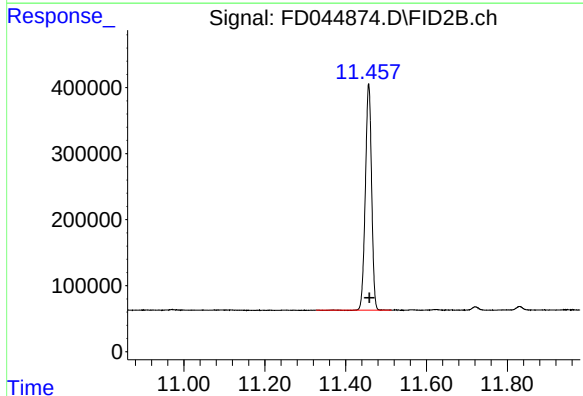
#9 Phenanthrene (C19.36)

R.T.: 10.686 min
Delta R.T.: 0.000 min
Response: 3217330
Conc: 19.90 ug/ml



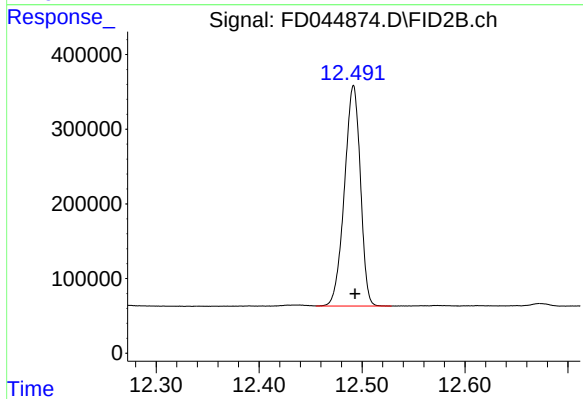
#10 Anthracene (C19.43)

R.T.: 10.760 min
Delta R.T.: -0.001 min
Response: 2907726
Conc: 19.61 ug/ml



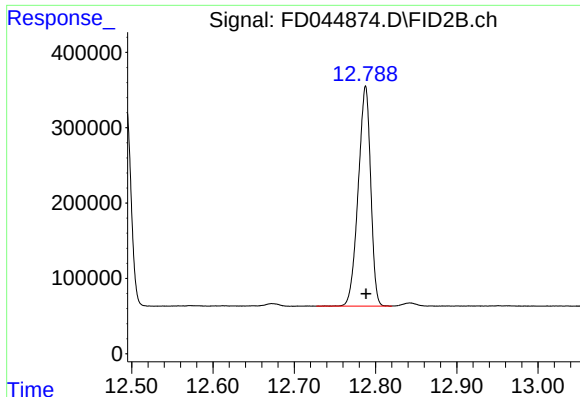
#11 ortho-Terphenyl (SURR)

R.T.: 11.457 min
Delta R.T.: -0.002 min
Response: 3664059
Conc: 19.71 ug/ml



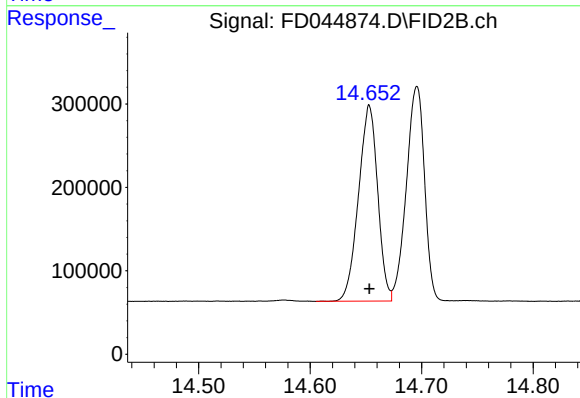
#12 Fluoranthene (C21.85)

R.T.: 12.492 min
Delta R.T.: -0.002 min
Response: 3180635
Conc: 19.87 ug/ml



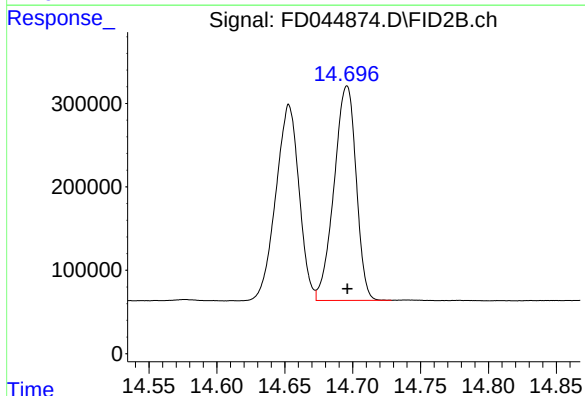
#13 Pyrene (C20.8)

R.T.: 12.788 min
Delta R.T.: 0.000 min
Response: 3105033
Conc: 19.79 ug/ml



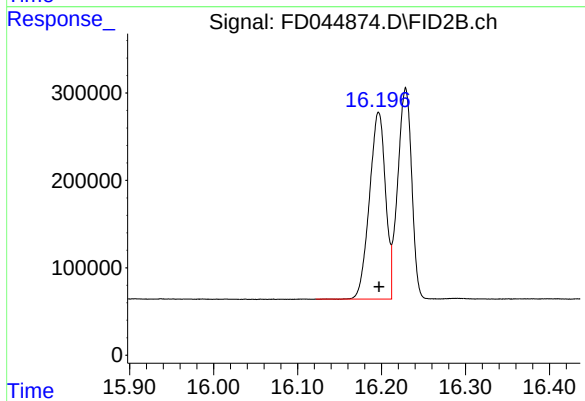
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.653 min
Delta R.T.: 0.000 min
Response: 2806494
Conc: 19.66 ug/ml



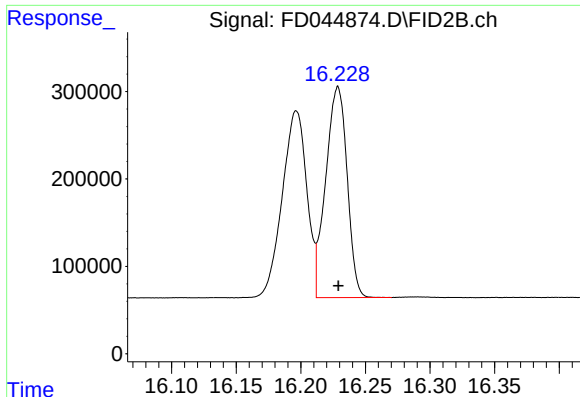
#15 Chrysene (C27.41)

R.T.: 14.695 min
Delta R.T.: 0.000 min
Response: 2908013
Conc: 19.64 ug/ml



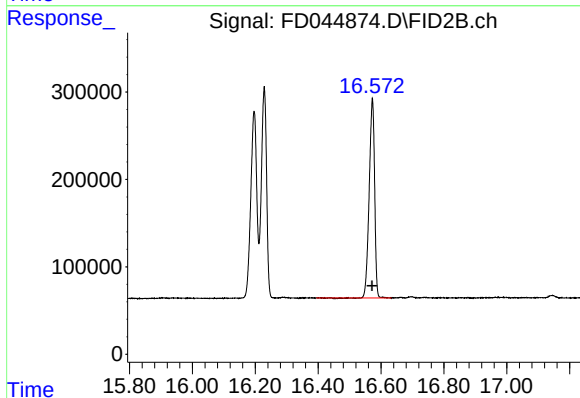
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.196 min
Delta R.T.: 0.000 min
Response: 2835223
Conc: 19.54 ug/ml



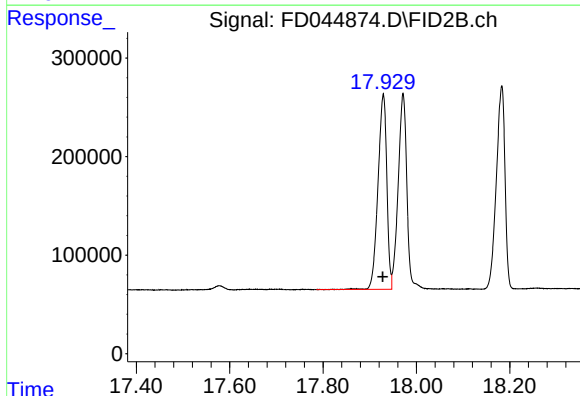
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.229 min
Delta R.T.: 0.000 min
Response: 2785054
Conc: 19.53 ug/ml



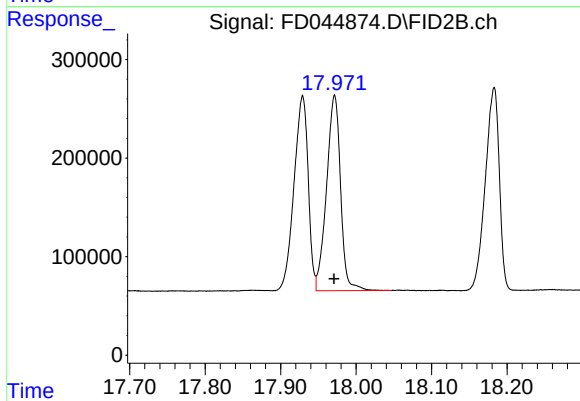
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.572 min
Delta R.T.: 0.000 min
Response: 2727024
Conc: 19.52 ug/ml



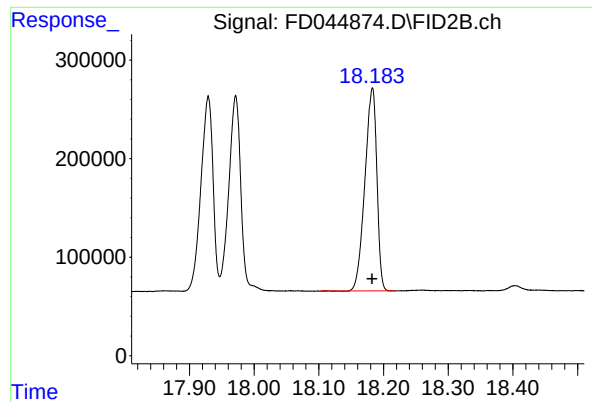
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.929 min
Delta R.T.: 0.000 min
Response: 2585851
Conc: 19.22 ug/ml



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

R.T.: 17.971 min
Delta R.T.: 0.000 min
Response: 2559329
Conc: 19.31 ug/ml



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

R.T.: 18.182 min
Delta R.T.: 0.000 min
Response: 2645448
Conc: 19.46 ug/ml