

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031423AR\
 Data File : FD045288.D
 Signal(s) : FID2B.ch
 Acq On : 14 Mar 2023 18:03
 Operator : YP/AJ
 Sample : PB151409BSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 15 03:56:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030123.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 01 16:43:59 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...	7.552	6595420	48.600 ug/ml
Spiked Amount 50.000		Recovery =	97.20%
6) S 2-Fluorobiphenyl (SURR)	8.408	3967456	44.312 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	88.62%
11) S ortho-Terphenyl (SURR)	11.450	6899279	41.449 ug/ml
Spiked Amount 50.000		Recovery =	82.90%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.357	4874573	32.186 ug/ml
2) T Naphthalene (C11.7)	5.889	5638588	35.692 ug/ml
3) T 2-Methylnaphthalene (...)	6.940	5749247	36.178 ug/ml
5) T Acenaphthylene (C15.06)	8.212	6221309	43.388 ug/ml
7) T Acenaphthene (C15.5)	8.509	6266618	41.345 ug/ml
8) T Fluorene (C16.55)	9.288	6322919	42.946 ug/ml
9) T Phenanthrene (C19.36)	10.679	6336716	44.383 ug/ml
10) T Anthracene (C19.43)	10.754	6116478	43.649 ug/ml
12) T Fluoranthene (C21.85)	12.486	6281206	44.965 ug/ml
13) T Pyrene (C20.8)	12.781	6244280	45.854 ug/ml
14) T Benzo[a]anthracene (C...	14.647	5712049	44.810 ug/ml
15) T Chrysene (C27.41)	14.691	5615556	43.088 ug/ml
16) T benzo[b]fluoranthene ...	16.192	5828858	45.213 ug/ml
17) T Bnezo[k]fluoranthene ...	16.227	5385501	42.664 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.568	5113970	40.633 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.928	5391197	45.066 ug/ml
20) T Dibenz[a,h]anthracene...	17.969	4909161	40.699 ug/ml
21) T Benzo[g,h,i]perylene ...	18.183	5277889	42.419 ug/ml

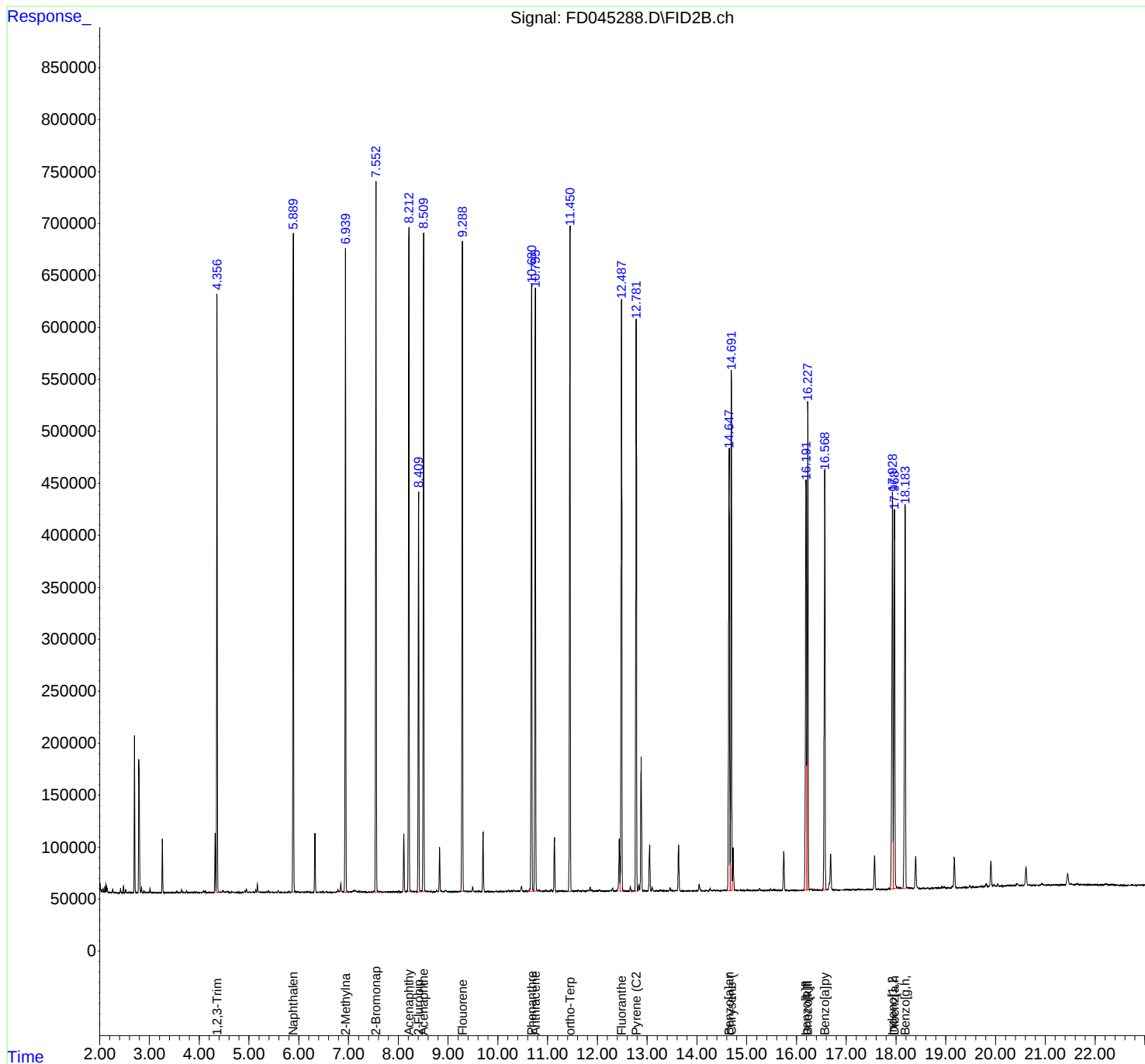
(f)=RT Delta > 1/2 Window

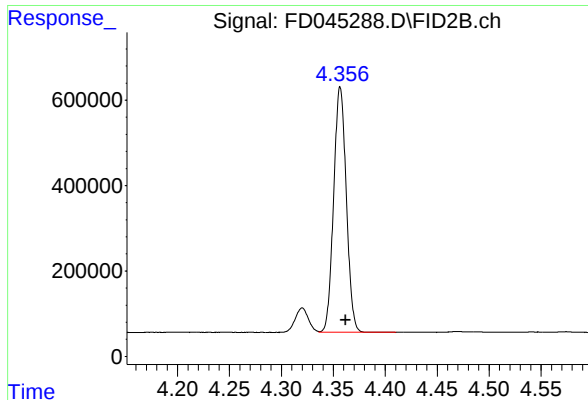
(m)=manual int.

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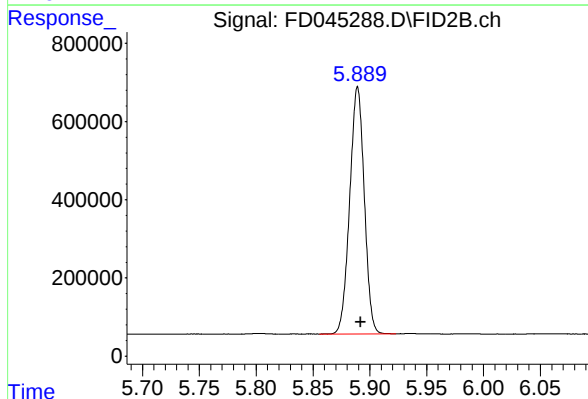
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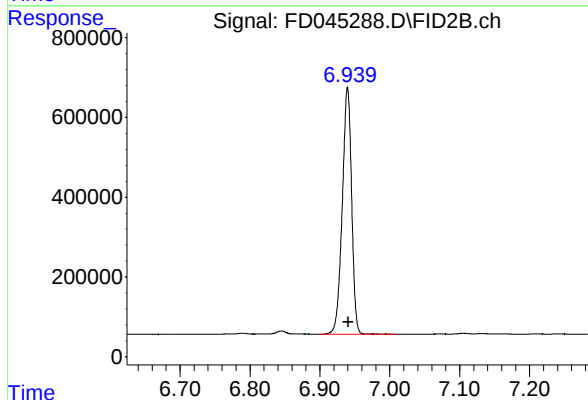
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.357 min
Delta R.T.: -0.005 min
Response: 4874573
Conc: 32.19 ug/ml



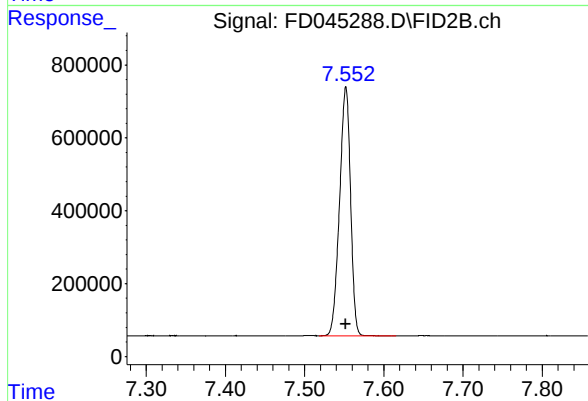
#2 Naphthalene (C11.7)

R.T.: 5.889 min
Delta R.T.: -0.003 min
Response: 5638588
Conc: 35.69 ug/ml



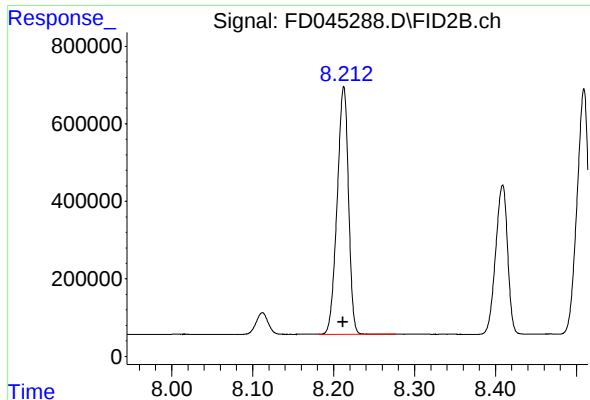
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.940 min
Delta R.T.: 0.000 min
Response: 5749247
Conc: 36.18 ug/ml



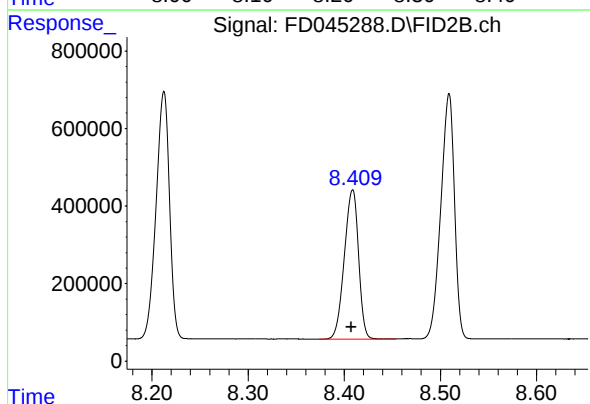
#4 2-Bromonaphthalene (SURR)

R.T.: 7.552 min
Delta R.T.: 0.000 min
Response: 6595420
Conc: 48.60 ug/ml



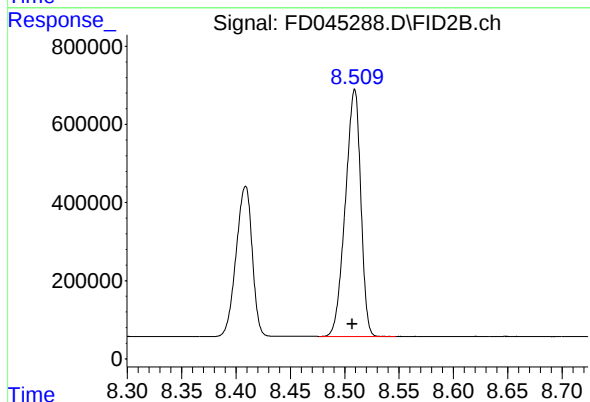
#5 Acenaphthylene (C15.06)

R.T.: 8.212 min
Delta R.T.: 0.000 min
Response: 6221309
Conc: 43.39 ug/ml



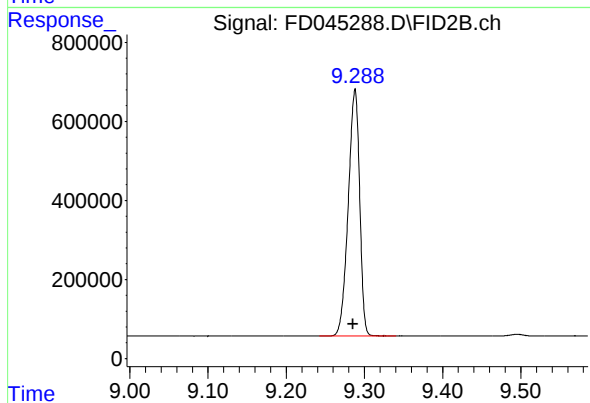
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.408 min
Delta R.T.: 0.000 min
Response: 3967456
Conc: 44.31 ug/ml



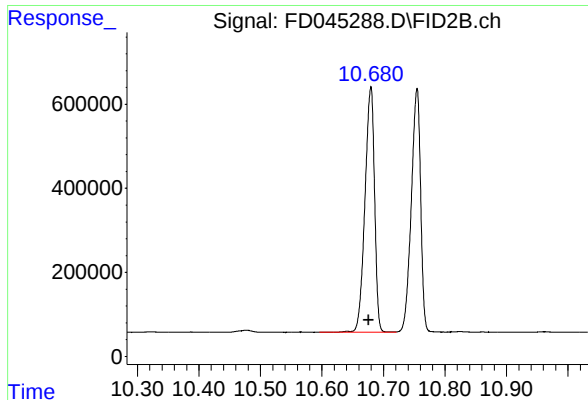
#7 Acenaphthene (C15.5)

R.T.: 8.509 min
Delta R.T.: 0.002 min
Response: 6266618
Conc: 41.34 ug/ml



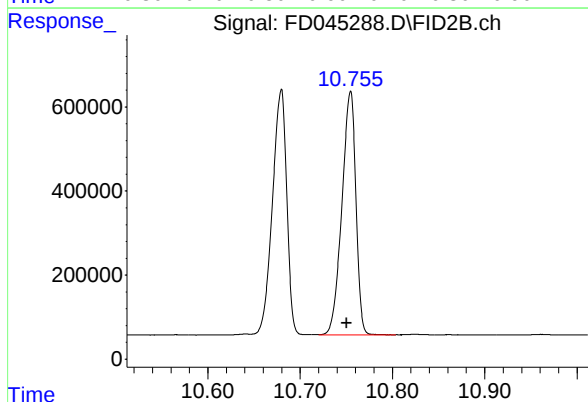
#8 Flouorene (C16.55)

R.T.: 9.288 min
Delta R.T.: 0.002 min
Response: 6322919
Conc: 42.95 ug/ml



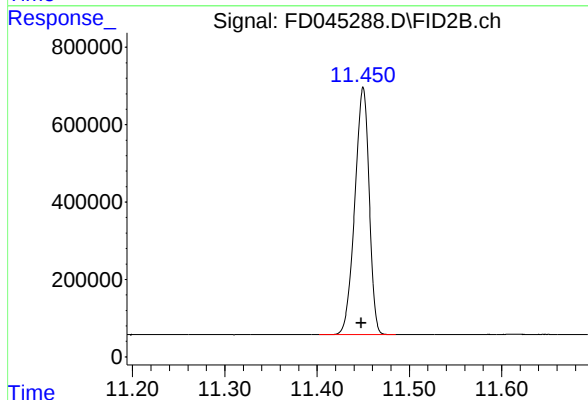
#9 Phenanthrene (C19.36)

R.T.: 10.679 min
Delta R.T.: 0.003 min
Response: 6336716
Conc: 44.38 ug/ml



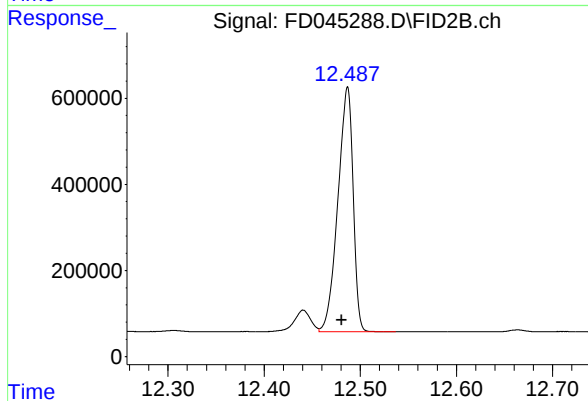
#10 Anthracene (C19.43)

R.T.: 10.754 min
Delta R.T.: 0.004 min
Response: 6116478
Conc: 43.65 ug/ml



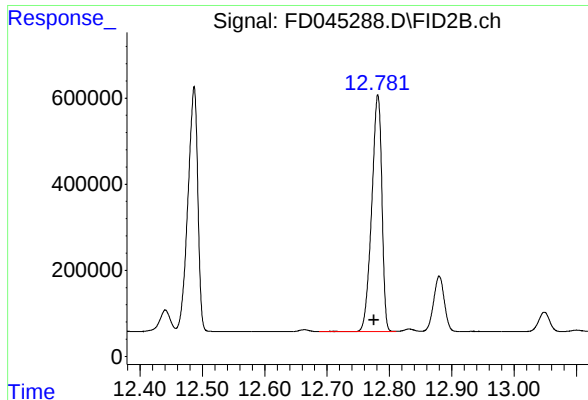
#11 ortho-Terphenyl (SURR)

R.T.: 11.450 min
Delta R.T.: 0.002 min
Response: 6899279
Conc: 41.45 ug/ml



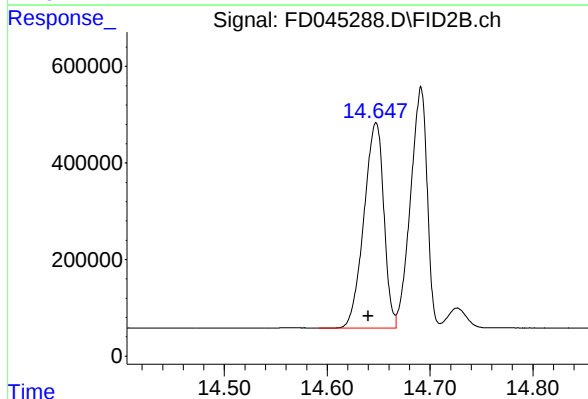
#12 Fluoranthene (C21.85)

R.T.: 12.486 min
Delta R.T.: 0.006 min
Response: 6281206
Conc: 44.97 ug/ml



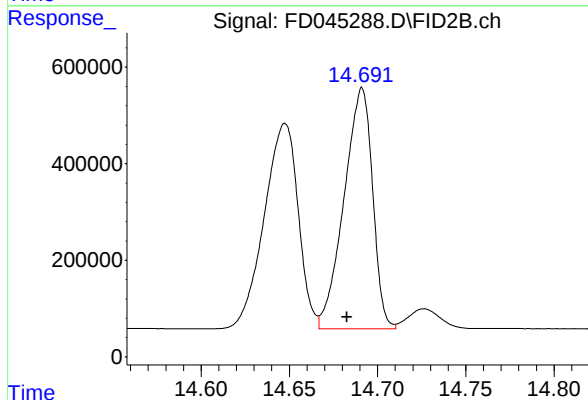
#13 Pyrene (C20.8)

R.T.: 12.781 min
Delta R.T.: 0.006 min
Response: 6244280
Conc: 45.85 ug/ml



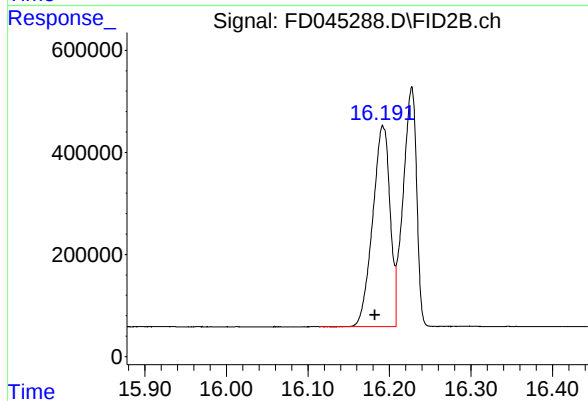
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.647 min
Delta R.T.: 0.007 min
Response: 5712049
Conc: 44.81 ug/ml



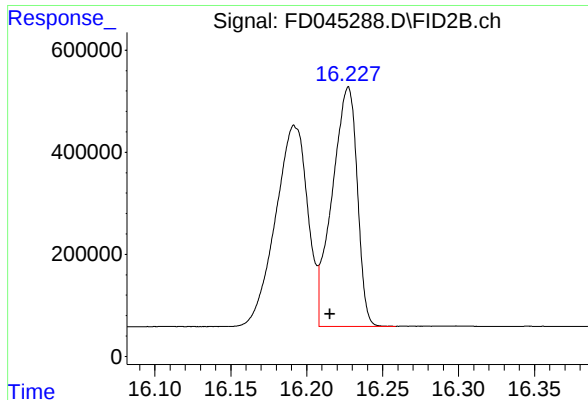
#15 Chrysene (C27.41)

R.T.: 14.691 min
Delta R.T.: 0.008 min
Response: 5615556
Conc: 43.09 ug/ml



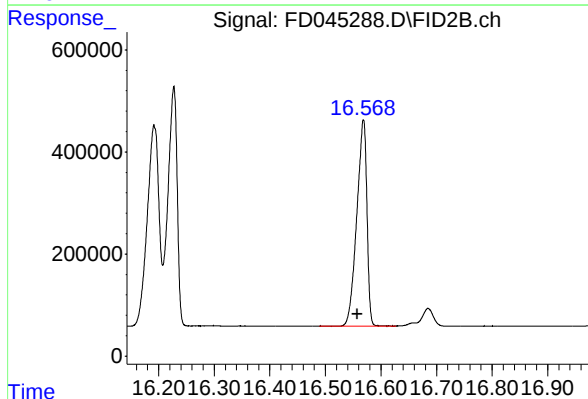
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.192 min
Delta R.T.: 0.009 min
Response: 5828858
Conc: 45.21 ug/ml



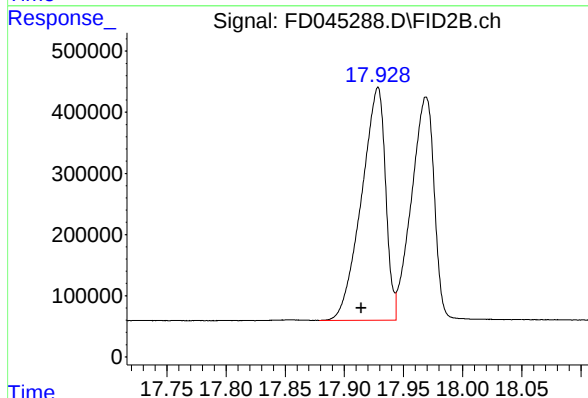
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.227 min
Delta R.T.: 0.011 min
Response: 5385501
Conc: 42.66 ug/ml



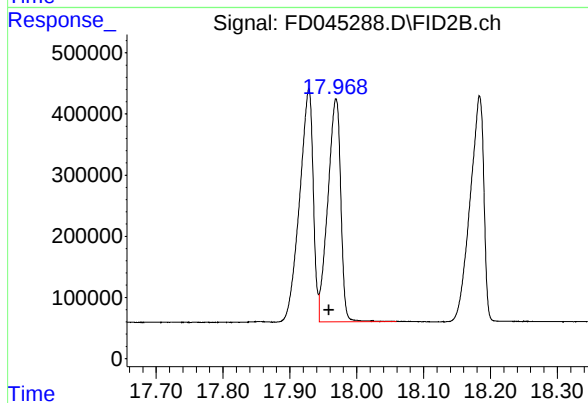
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.568 min
Delta R.T.: 0.010 min
Response: 5113970
Conc: 40.63 ug/ml



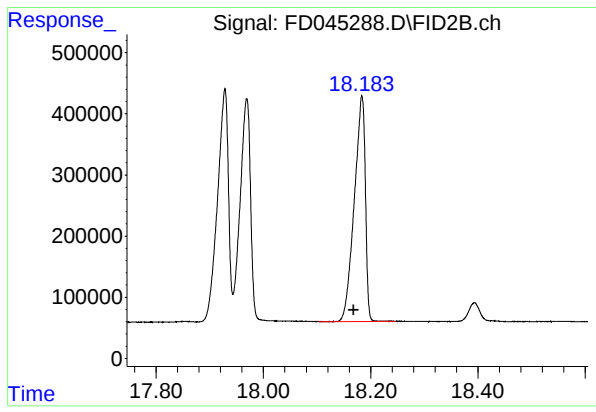
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.928 min
Delta R.T.: 0.013 min
Response: 5391197
Conc: 45.07 ug/ml



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

R.T.: 17.969 min
Delta R.T.: 0.010 min
Response: 4909161
Conc: 40.70 ug/ml



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

R.T.: 18.183 min
Delta R.T.: 0.015 min
Response: 5277889
Conc: 42.42 ug/ml