

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122623AR\
 Data File : FD047098.D
 Signal(s) : FID2B.ch
 Acq On : 26 Dec 2023 18:08
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/28/2023
 Supervised By :Ankita Jodhani 12/28/2023

Integration File: autoint1.e
 Quant Time: Dec 26 22:27:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122223.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 22 16:13:06 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...	7.470	3880263	23.406 ug/ml
Spiked Amount 50.000		Recovery =	46.81%
6) S 2-Fluorobiphenyl (SURR)	8.323	2449799	23.509 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	47.02%
11) S ortho-Terphenyl (SURR)	11.360	4545398	23.538 ug/ml
Spiked Amount 50.000		Recovery =	47.08%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.287	4158365	23.048 ug/ml
2) T Naphthalene (C11.7)	5.811	4276985	23.236 ug/ml
3) T 2-Methylnaphthalene (...)	6.859	4274839	23.290 ug/ml
5) T Acenaphthylene (C15.06)	8.126	3892943	23.208 ug/ml
7) T Acenaphthene (C15.5)	8.422	4177639	23.228 ug/ml
8) T Fluorene (C16.55)	9.199	3912134	23.603 ug/ml
9) T Phenanthrene (C19.36)	10.587	3666603	23.506 ug/mlm
10) T Anthracene (C19.43)	10.661	3284511	22.675 ug/ml
12) T Fluoranthene (C21.85)	12.390	3602485	23.799 ug/ml
13) T Pyrene (C20.8)	12.684	3488458	23.786 ug/ml
14) T Benzo[a]anthracene (C...	14.547	2859007	23.233 ug/ml
15) T Chrysene (C27.41)	14.588	3171549	22.594 ug/ml
16) T benzo[b]fluoranthene ...	16.089	2982094	23.151 ug/ml
17) T Bnezo[k]fluoranthene ...	16.121	3113487	23.409 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.463	2871780	22.599 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.820	2598105	23.435 ug/mlm
20) T Dibenz[a,h]anthracene...	17.862	2673552	20.924 ug/ml
21) T Benzo[g,h,i]perylene ...	18.072	2833202	22.114 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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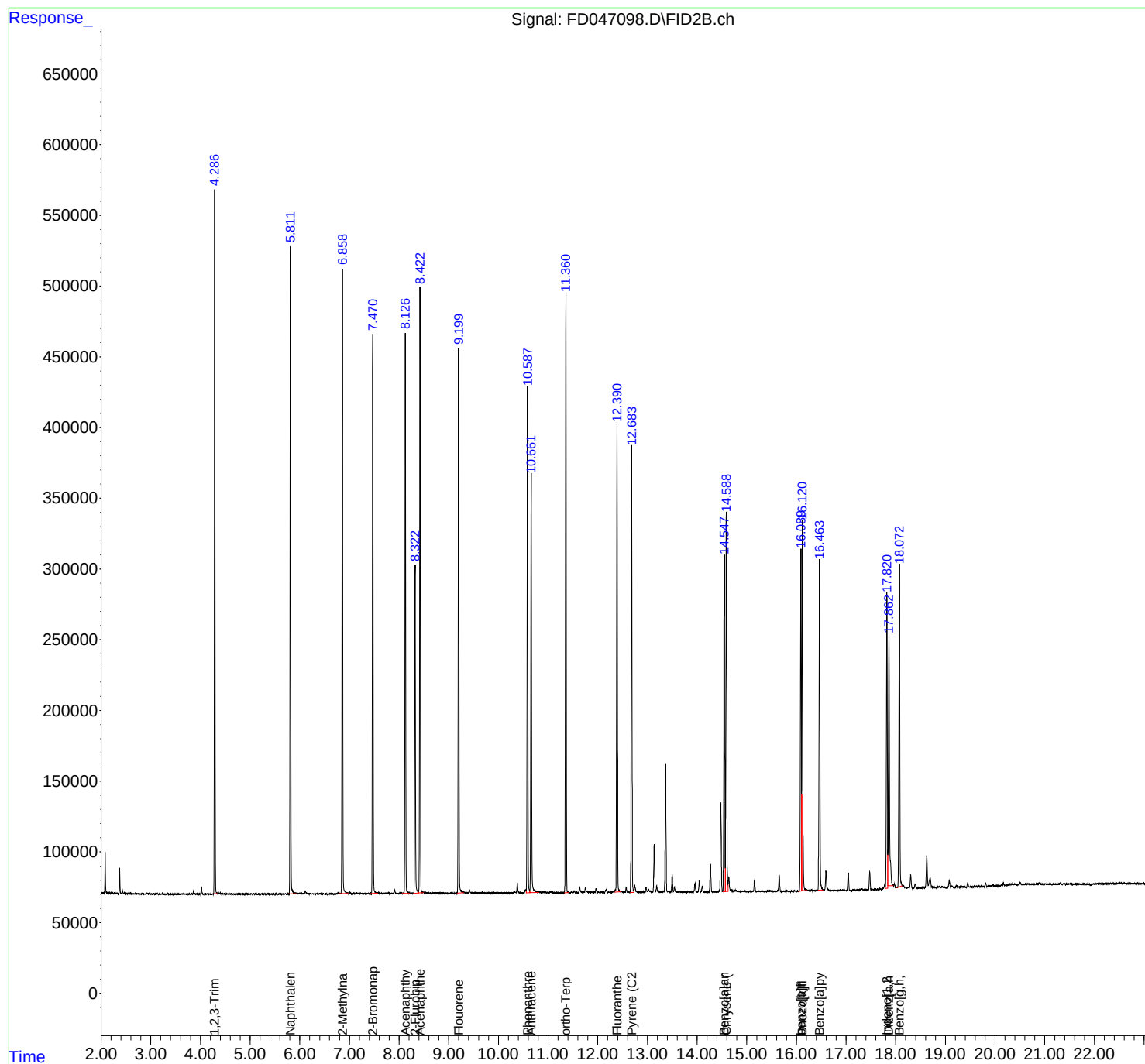
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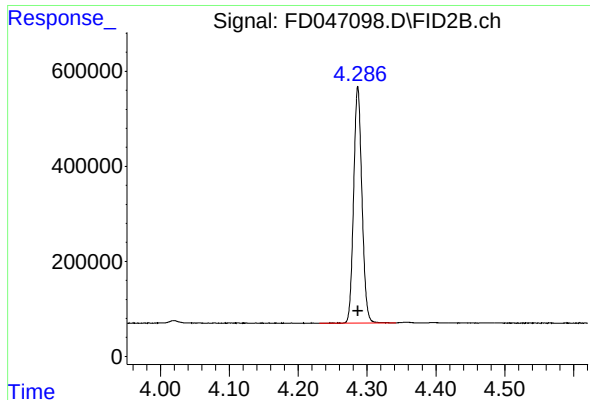
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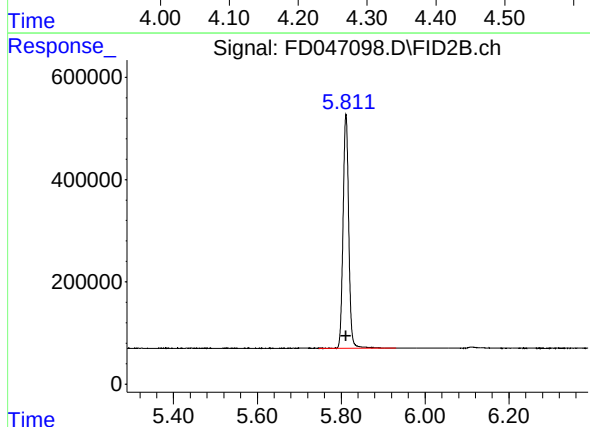
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.287 min
Delta R.T.: 0.000 min
Response: 4158365
Conc: 23.05 ug/ml

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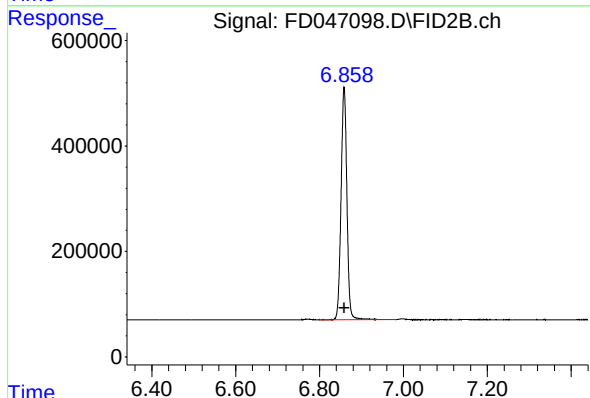
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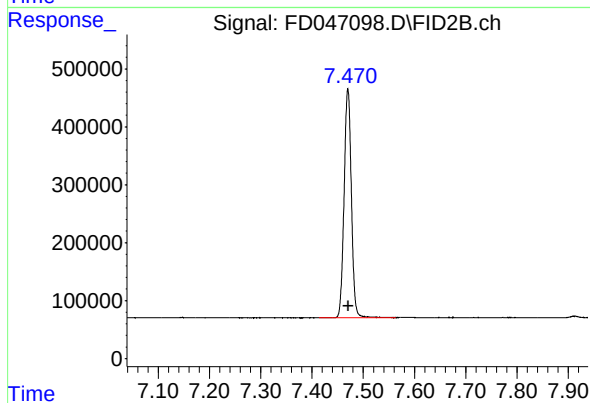
#2 Naphthalene (C11.7)

R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 4276985
Conc: 23.24 ug/ml



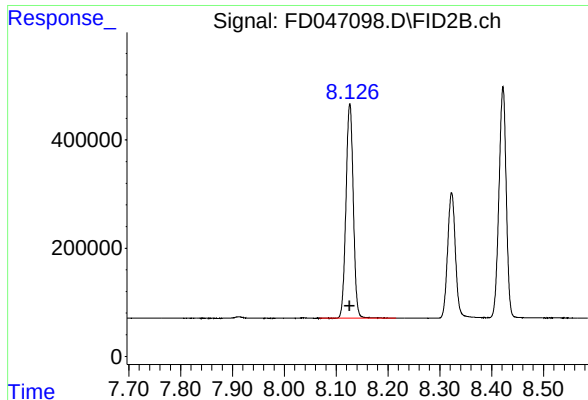
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.859 min
Delta R.T.: 0.000 min
Response: 4274839
Conc: 23.29 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.470 min
Delta R.T.: 0.000 min
Response: 3880263
Conc: 23.41 ug/ml



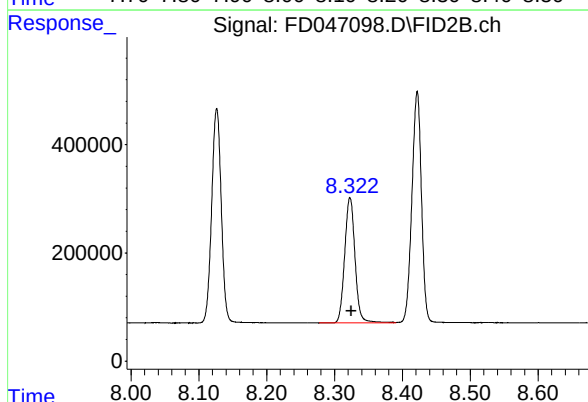
#5 Acenaphthylene (C15.06)

R.T.: 8.126 min
Delta R.T.: 0.000 min
Response: 3892943
Conc: 23.21 ug/ml

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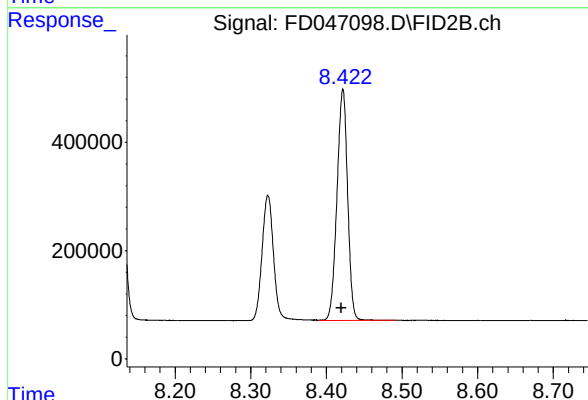
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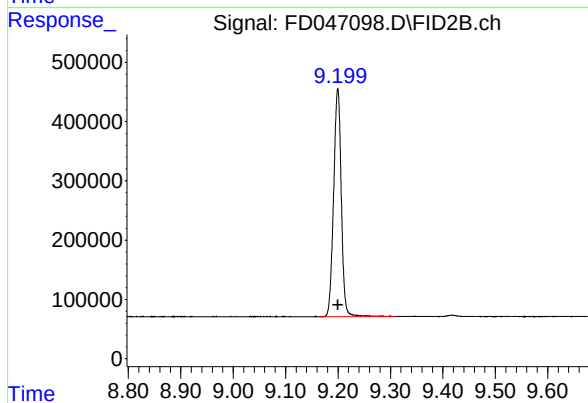
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.323 min
Delta R.T.: -0.002 min
Response: 2449799
Conc: 23.51 ug/ml



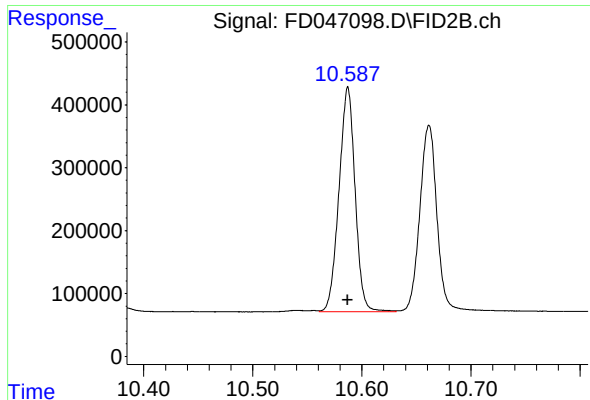
#7 Acenaphthene (C15.5)

R.T.: 8.422 min
Delta R.T.: 0.002 min
Response: 4177639
Conc: 23.23 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.199 min
Delta R.T.: 0.000 min
Response: 3912134
Conc: 23.60 ug/ml



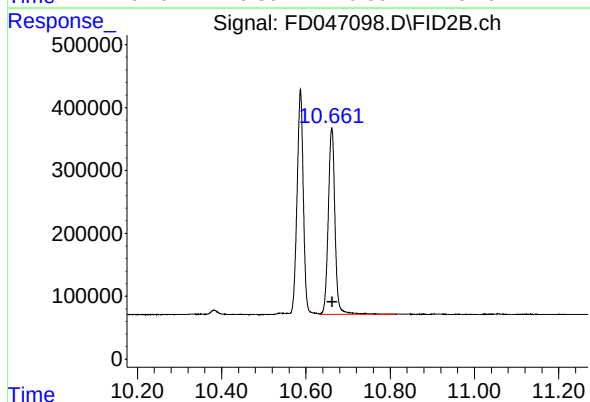
#9 Phenanthrene (C19.36)

R.T.: 10.587 min
Delta R.T.: 0.000 min
Response: 3666603
Conc: 23.51 ug/ml

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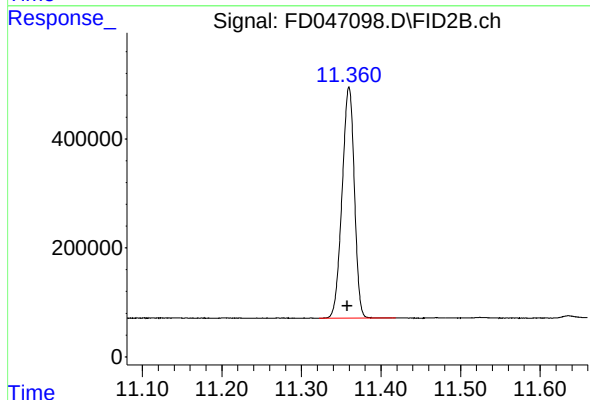
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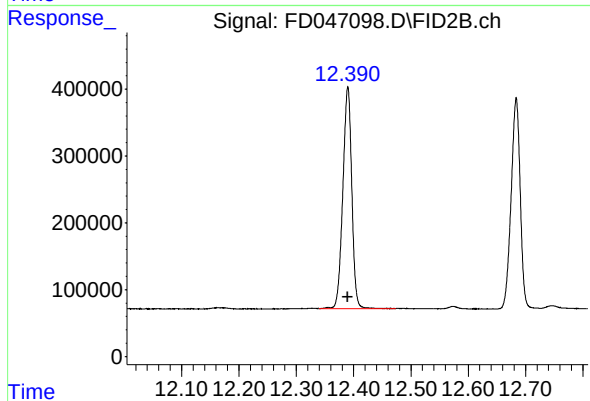
#10 Anthracene (C19.43)

R.T.: 10.661 min
Delta R.T.: 0.000 min
Response: 3284511
Conc: 22.68 ug/ml



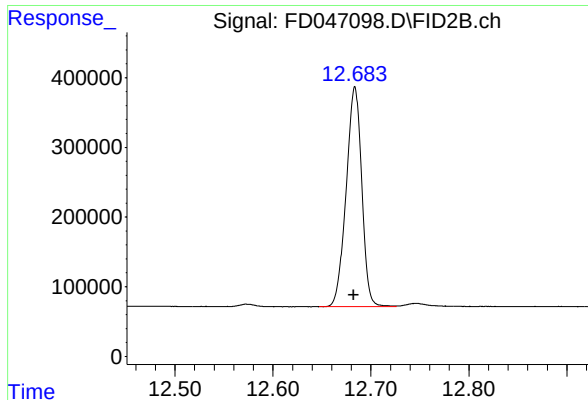
#11 ortho-Terphenyl (SURRE)

R.T.: 11.360 min
Delta R.T.: 0.002 min
Response: 4545398
Conc: 23.54 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.390 min
Delta R.T.: 0.000 min
Response: 3602485
Conc: 23.80 ug/ml



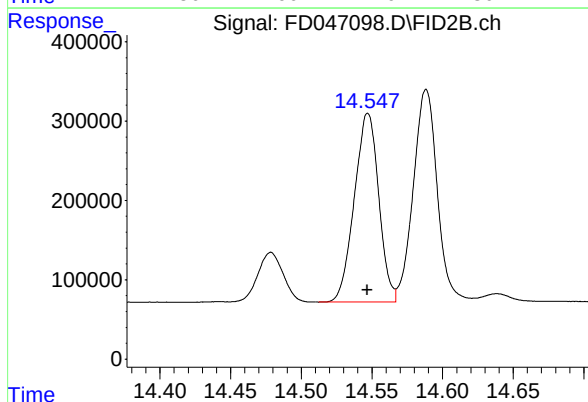
#13 Pyrene (C20.8)

R.T.: 12.684 min
Delta R.T.: 0.001 min
Response: 3488458
Conc: 23.79 ug/ml

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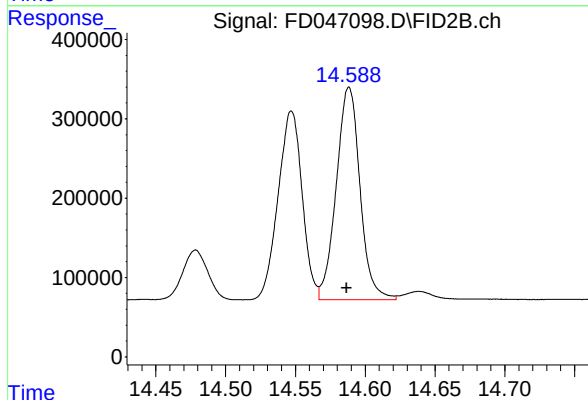
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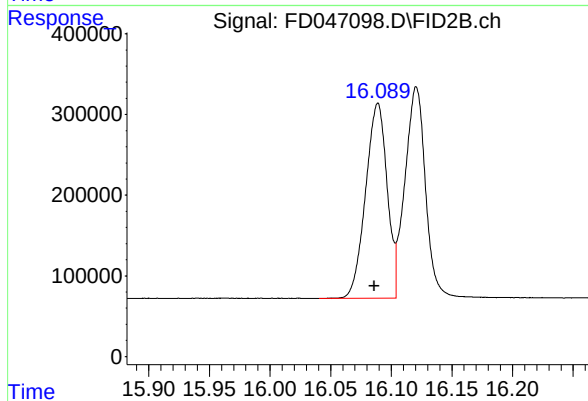
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.547 min
Delta R.T.: 0.000 min
Response: 2859007
Conc: 23.23 ug/ml



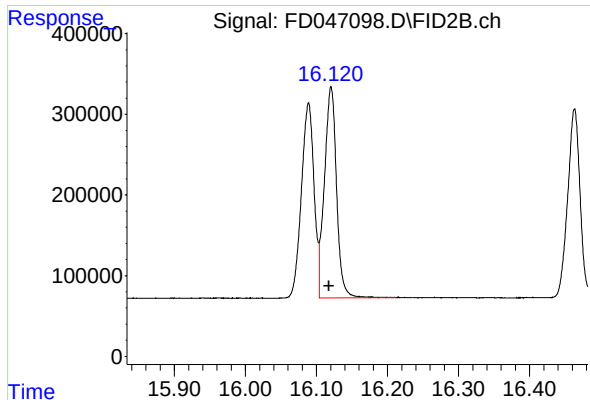
#15 Chrysene (C27.41)

R.T.: 14.588 min
Delta R.T.: 0.002 min
Response: 3171549
Conc: 22.59 ug/ml



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

R.T.: 16.089 min
Delta R.T.: 0.003 min
Response: 2982094
Conc: 23.15 ug/ml



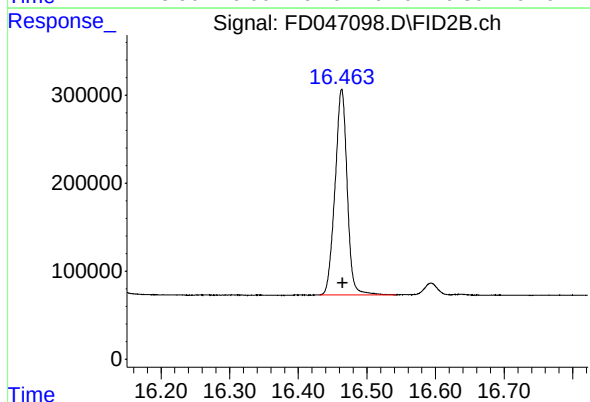
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.121 min
Delta R.T.: 0.003 min
Response: 3113487
Conc: 23.41 ug/ml

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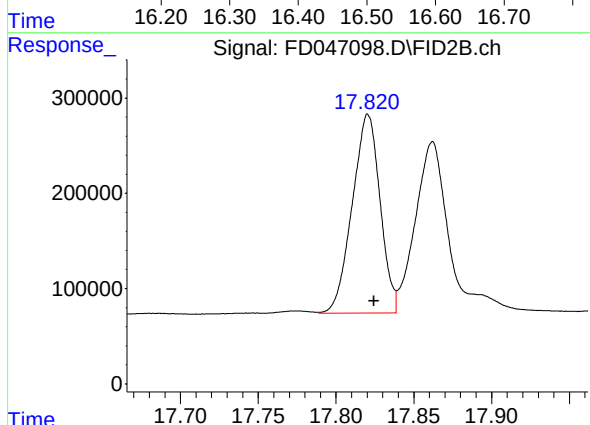
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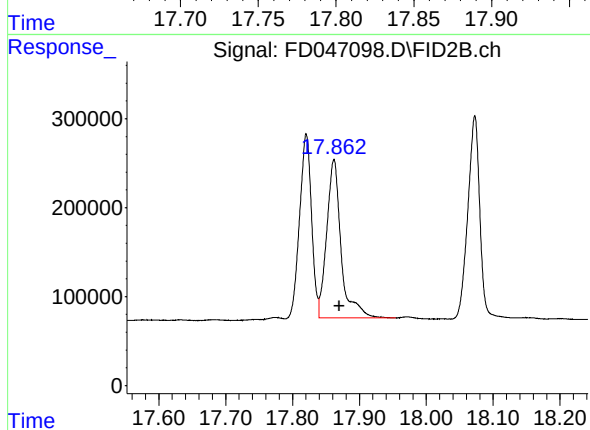
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.463 min
Delta R.T.: -0.002 min
Response: 2871780
Conc: 22.60 ug/ml



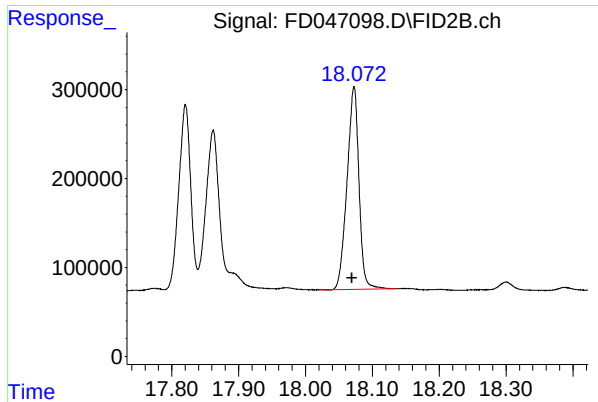
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.820 min
Delta R.T.: -0.005 min
Response: 2598105
Conc: 23.44 ug/ml m



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

R.T.: 17.862 min
Delta R.T.: -0.008 min
Response: 2673552
Conc: 20.92 ug/ml



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

R.T.: 18.072 min
Delta R.T.: 0.003 min
Response: 2833202
Conc: 22.11 ug/ml

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