

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041321AR\
 Data File : FD036876.D
 Signal(s) : FID2B.CH
 Acq On : 13 Apr 2021 19:06
 Operator : DD\AJ
 Sample : M1998-09MS
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 SB-5AMS

Manual Integrations
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 4/14/2021 11:05:28 AM

Integration File: autoint1.e
 Quant Time: Apr 14 02:49:08 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 11:18:39 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.589	5332311	37.914 ug/ml
Spiked Amount 50.000		Recovery =	75.83%
6) S 2-Fluorobiphenyl (SURR)	8.448	2463491	26.244 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	52.49%
11) S ortho-Terphenyl (SURR)	11.490	4276114	27.998 ug/ml
Spiked Amount 50.000		Recovery =	56.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.387	3704844	25.275 ug/ml
2) T Naphthalene (C11.7)	5.925	4584777	29.172 ug/ml
3) T 2-Methylnaphthalene (...)	6.978	4858194	30.911 ug/ml
5) T Acenaphthylene (C15.06)	8.254	5322390	35.520 ug/ml
7) T Acenaphthene (C15.5)	8.550	5122734	33.000 ug/ml
8) T Flouorene (C16.55)	9.330	5348845	35.527 ug/ml
9) T Phenanthrene (C19.36)	10.725	5286493	36.068 ug/ml
10) T Anthracene (C19.43)	10.800	5078435	35.080 ug/ml
12) T Fluoranthene (C21.85)	12.536	5124108	36.498 ug/ml
13) T Pyrene (C20.8)	12.833	5035875	36.704 ug/ml
14) T Benzo[a]anthracene (C...	14.702	4559611	38.394 ug/ml
15) T Chrysene (C27.41)	14.745	4776795	39.500 ug/mlm
16) T benzo[b]fluoranthene ...	16.252	4796490	43.711 ug/ml
17) T Bnezo[k]fluoranthene ...	16.286	4511129	42.438 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.632	4760454	47.766 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.994	4693112	46.689 ug/ml
20) T Dibenz[a,h]anthracene...	18.033	4471226	44.343 ug/ml
21) T Benzo[g,h,i]perylene ...	18.252	4504406	44.457 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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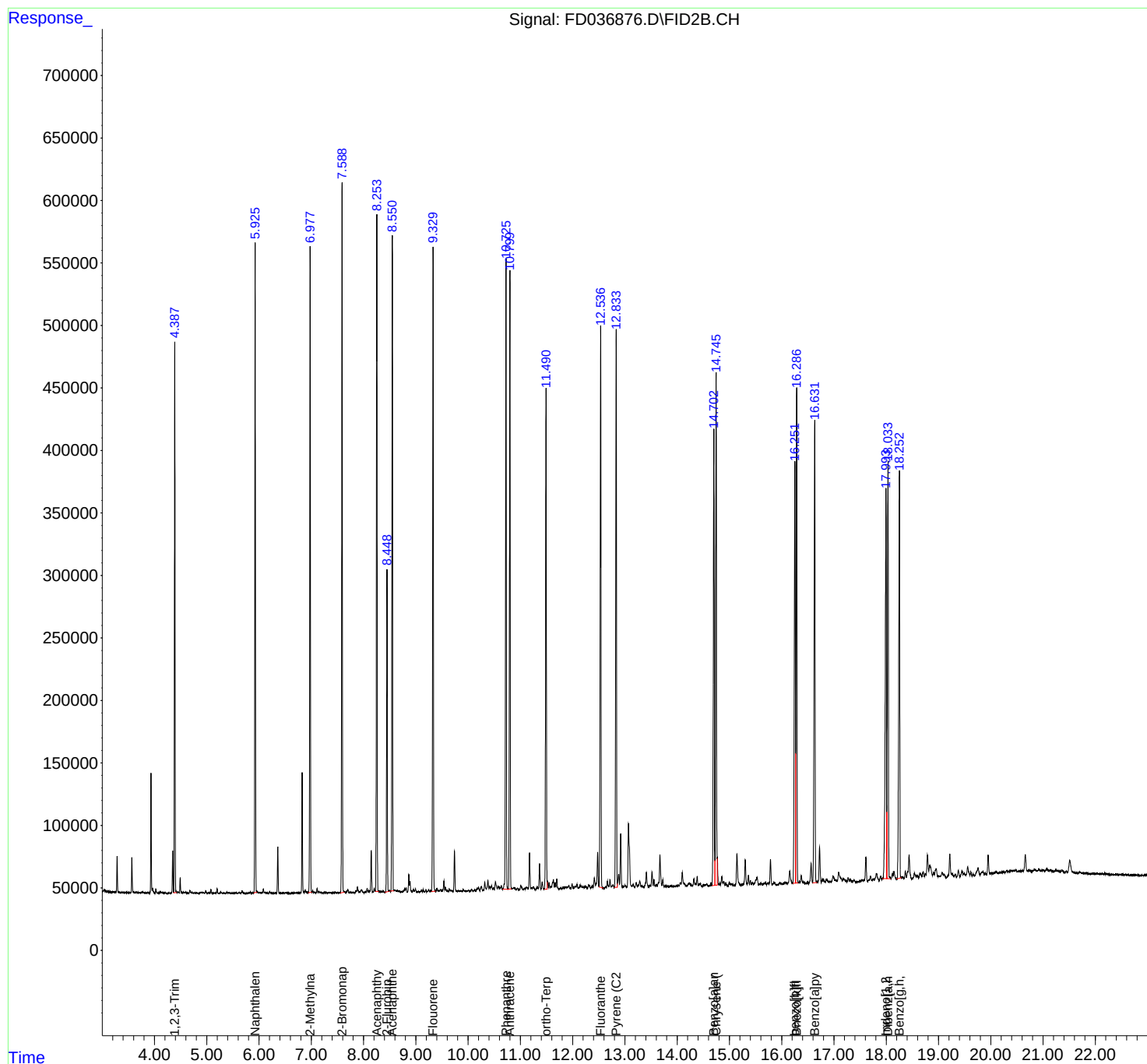
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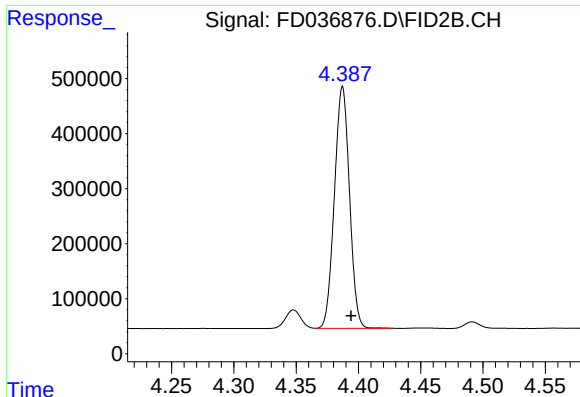
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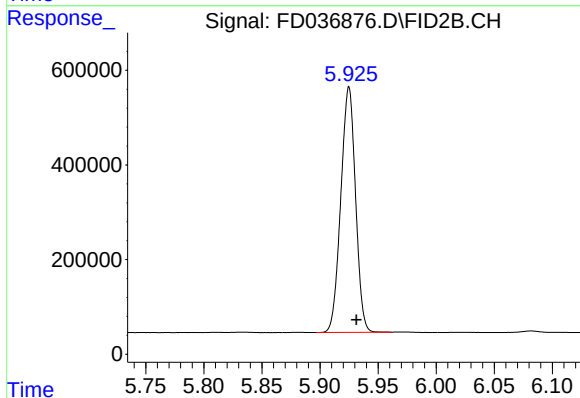
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.387 min
Delta R.T.: -0.007 min
Response: 3704844
Conc: 25.27 ug/ml

Instrument :
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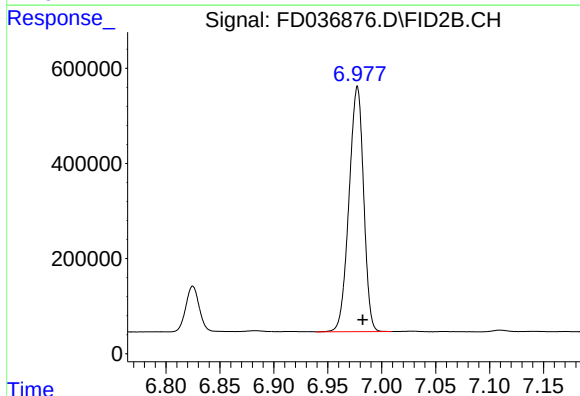
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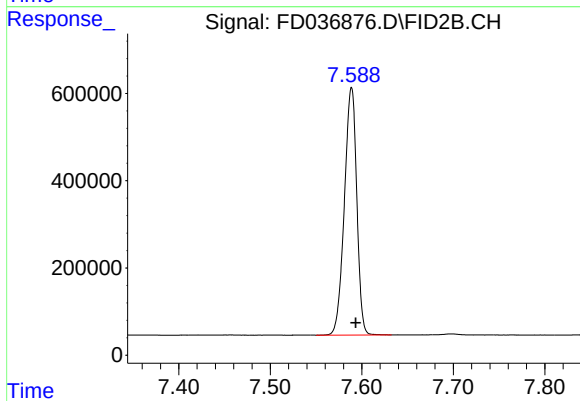
#2 Naphthalene (C11.7)

R.T.: 5.925 min
Delta R.T.: -0.006 min
Response: 4584777
Conc: 29.17 ug/ml



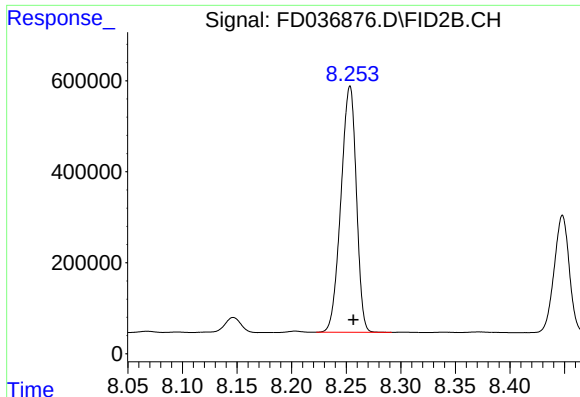
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.978 min
Delta R.T.: -0.005 min
Response: 4858194
Conc: 30.91 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.589 min
Delta R.T.: -0.004 min
Response: 5332311
Conc: 37.91 ug/ml



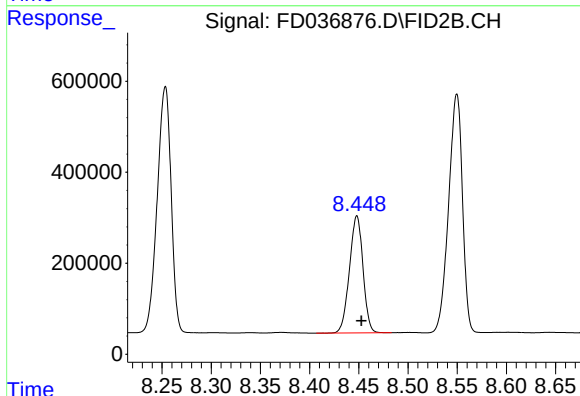
#5 Acenaphthylene (C15.06)

R.T.: 8.254 min
Delta R.T.: -0.003 min
Response: 5322390
Conc: 35.52 ug/ml

Instrument :
FID_D
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SB-5AMS

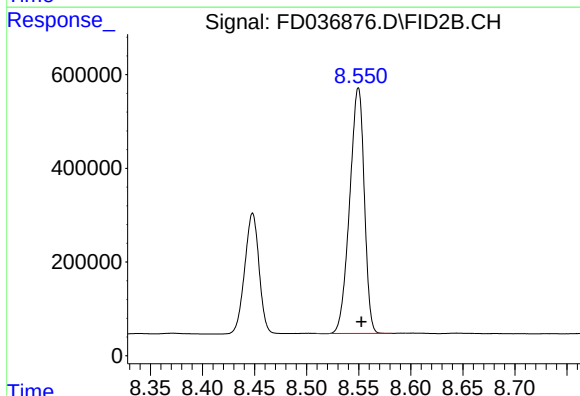
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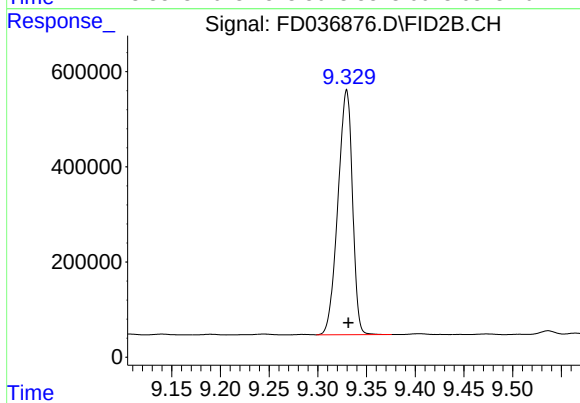
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.448 min
Delta R.T.: -0.005 min
Response: 2463491
Conc: 26.24 ug/ml



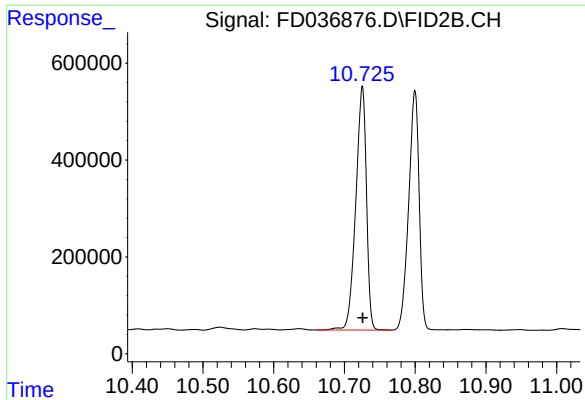
#7 Acenaphthene (C15.5)

R.T.: 8.550 min
Delta R.T.: -0.003 min
Response: 5122734
Conc: 33.00 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.330 min
Delta R.T.: -0.002 min
Response: 5348845
Conc: 35.53 ug/ml



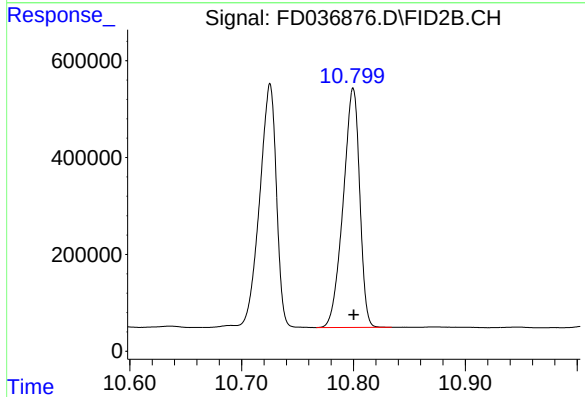
#9 Phenanthrene (C19.36)

R.T.: 10.725 min
Delta R.T.: 0.000 min
Response: 5286493
Conc: 36.07 ug/ml

Instrument :
FID_D
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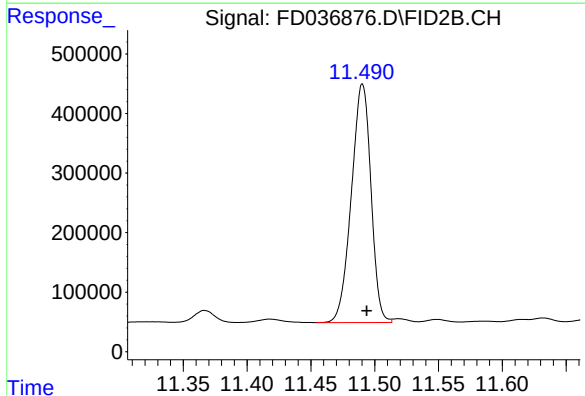
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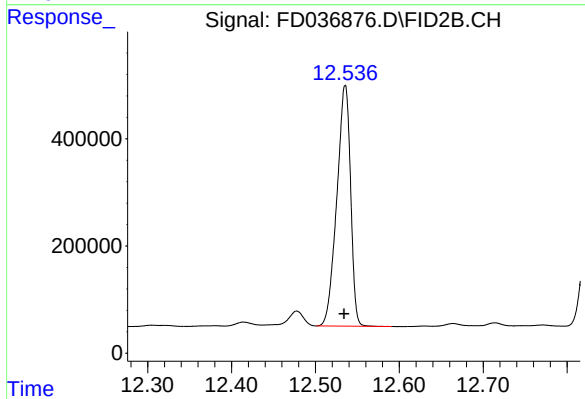
#10 Anthracene (C19.43)

R.T.: 10.800 min
Delta R.T.: 0.000 min
Response: 5078435
Conc: 35.08 ug/ml



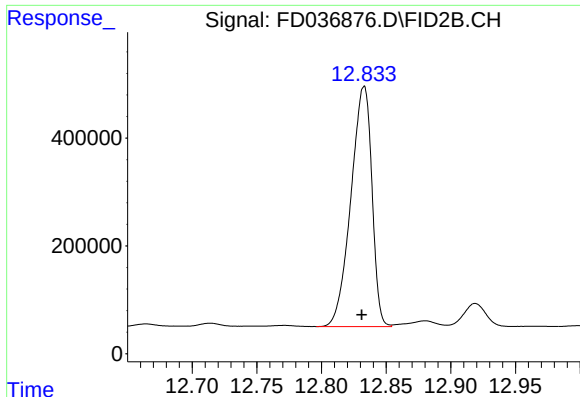
#11 ortho-Terphenyl (SURR)

R.T.: 11.490 min
Delta R.T.: -0.003 min
Response: 4276114
Conc: 28.00 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.536 min
Delta R.T.: 0.001 min
Response: 5124108
Conc: 36.50 ug/ml



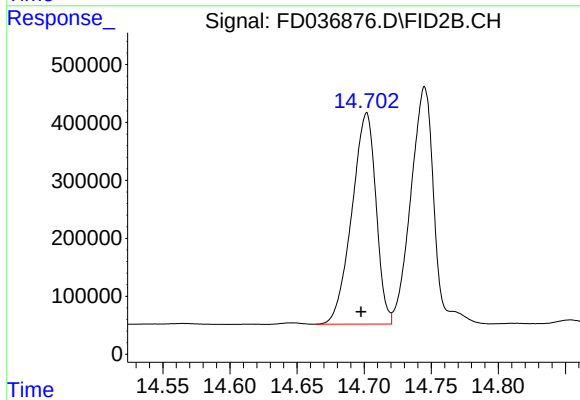
#13 Pyrene (C20.8)

R.T.: 12.833 min
Delta R.T.: 0.002 min
Response: 5035875
Conc: 36.70 ug/ml

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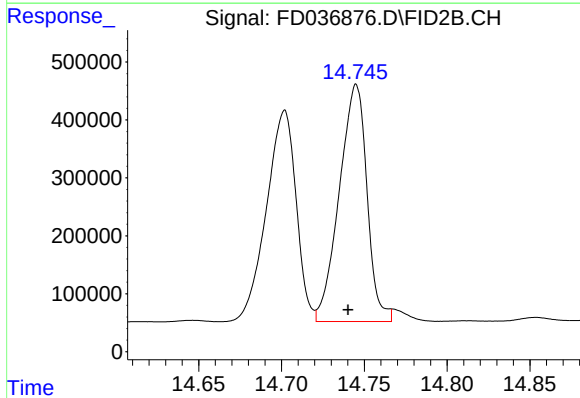
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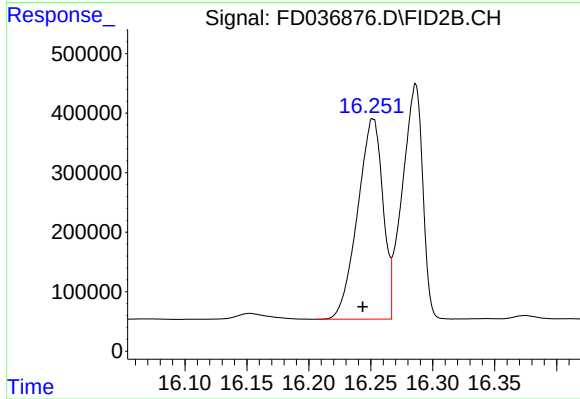
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.702 min
Delta R.T.: 0.004 min
Response: 4559611
Conc: 38.39 ug/ml



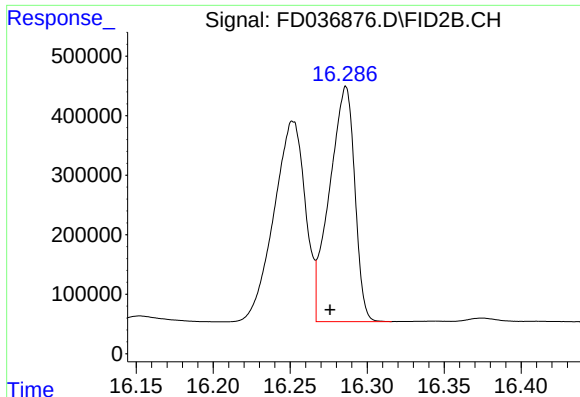
#15 Chrysene (C27.41)

R.T.: 14.745 min
Delta R.T.: 0.005 min
Response: 4776795
Conc: 39.50 ug/ml m



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

R.T.: 16.252 min
Delta R.T.: 0.008 min
Response: 4796490
Conc: 43.71 ug/ml



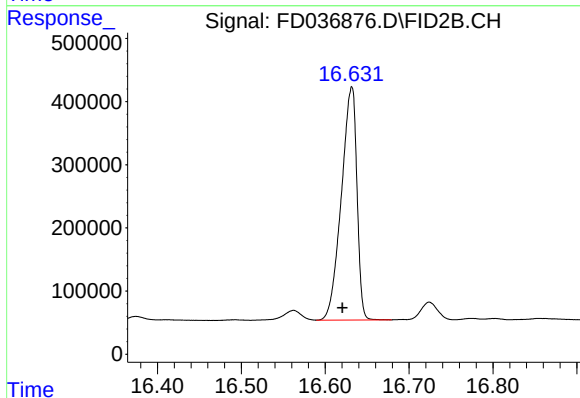
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.286 min
Delta R.T.: 0.010 min
Response: 4511129
Conc: 42.44 ug/ml

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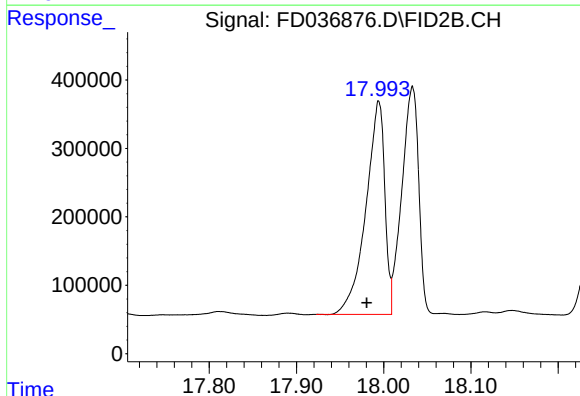
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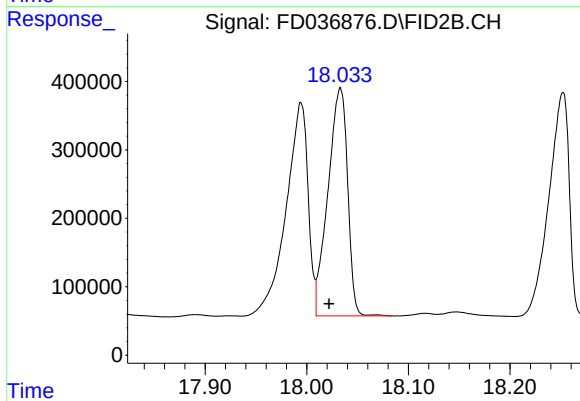
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.632 min
Delta R.T.: 0.011 min
Response: 4760454
Conc: 47.77 ug/ml



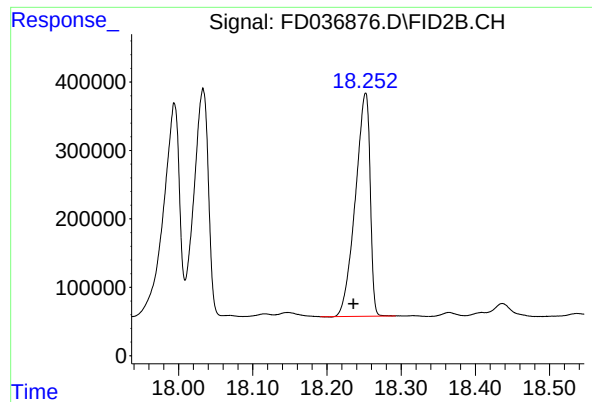
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.994 min
Delta R.T.: 0.014 min
Response: 4693112
Conc: 46.69 ug/ml



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

R.T.: 18.033 min
Delta R.T.: 0.011 min
Response: 4471226
Conc: 44.34 ug/ml



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

R.T.: 18.252 min
Delta R.T.: 0.016 min
Response: 4504406
Conc: 44.46 ug/ml

Instrument :
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