

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092619AR\
 Data File : FD030819.D
 Signal(s) : FID2B.CH
 Acq On : 26 Sep 2019 19:41
 Operator : DD\AJ
 Sample : K5020-05MS
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 RT-5124MS

Manual Integrations
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 9/27/2019 12:18:39 PM

Integration File: autoint1.e
 Quant Time: Sep 27 03:20:13 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 092519.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 26 04:51:24 2019
 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...	7.577	5407930	31.759 ug/ml
Spiked Amount 50.000		Recovery =	63.52%
6) S 2-Fluorobiphenyl (SURR)	8.438	3228684	27.995 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	55.99%
11) S ortho-Terphenyl (SURR)	11.466	3625449	19.415 ug/ml
Spiked Amount 50.000		Recovery =	38.83%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.383	3998603	21.712 ug/mlm
2) T Naphthalene (C11.7)	5.918	4806078	24.994 ug/ml
3) T 2-Methylnaphthalene (...)	6.968	5143872	27.005 ug/ml
5) T Acenaphthylene (C15.06)	8.241	5384718	29.235 ug/ml
7) T Acenaphthene (C15.5)	8.536	5779109	29.941 ug/ml
8) T Flouorene (C16.55)	9.316	6049907	32.008 ug/ml
9) T Phenanthrene (C19.36)	10.709	6404808	34.061 ug/ml
10) T Anthracene (C19.43)	10.784	6452033	35.304 ug/ml
12) T Fluoranthene (C21.85)	12.516	6521964	34.882 ug/ml
13) T Pyrene (C20.8)	12.812	6351788	34.540 ug/ml
14) T Benzo[a]anthracene (C...	14.678	5840831	33.758 ug/ml
15) T Chrysene (C27.41)	14.722	6331778	35.675 ug/ml
16) T benzo[b]fluoranthene ...	16.226	5909867	35.087 ug/ml
17) T Bnezo[k]fluoranthene ...	16.261	5611027	32.927 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.604	5287586	32.210 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.970	5348906	34.141 ug/ml
20) T Dibenz[a,h]anthracene...	18.003	4979384	31.822 ug/ml
21) T Benzo[g,h,i]perylene ...	18.225	5171593	33.582 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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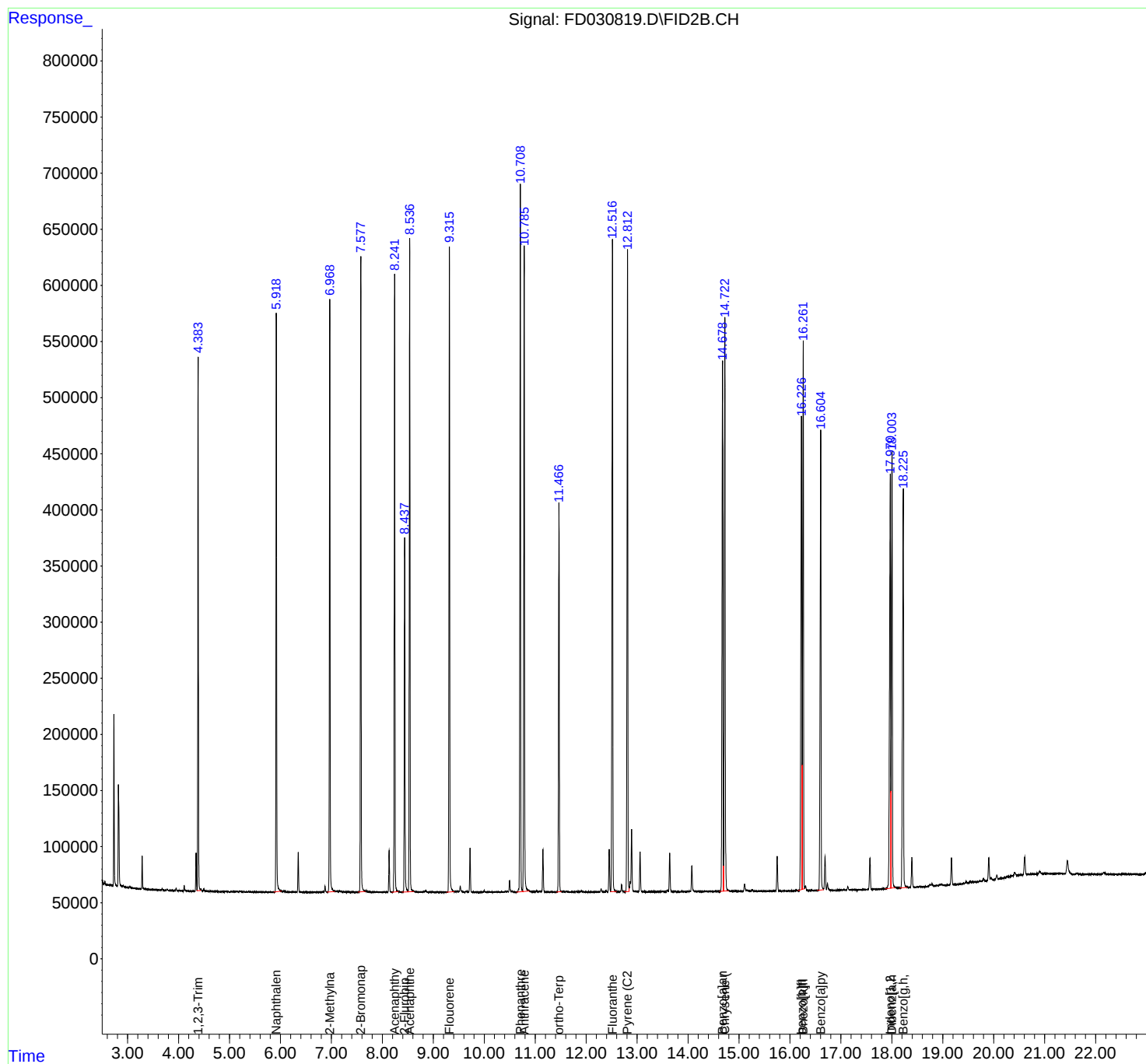
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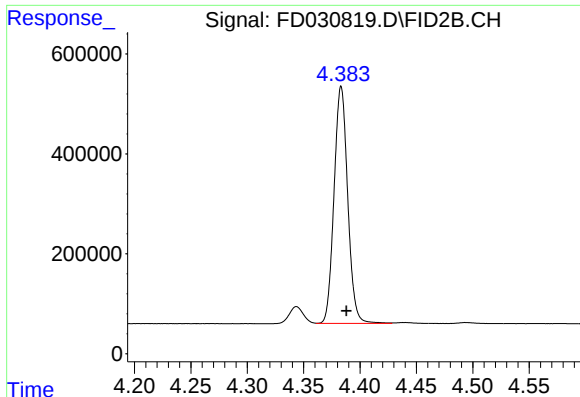
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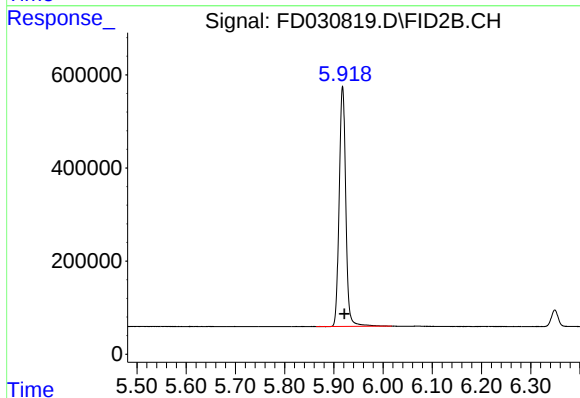
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.383 min
Delta R.T.: -0.005 min
Response: 3998603
Conc: 21.71 ug/ml m

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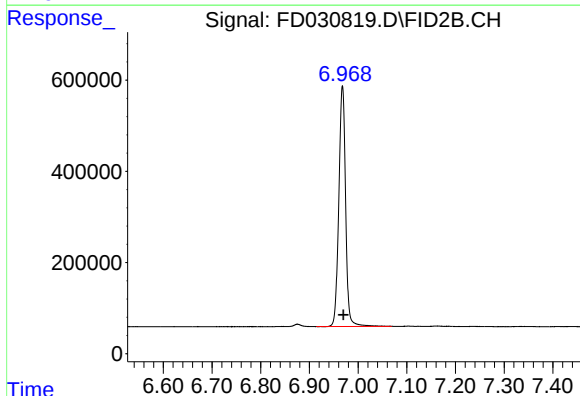
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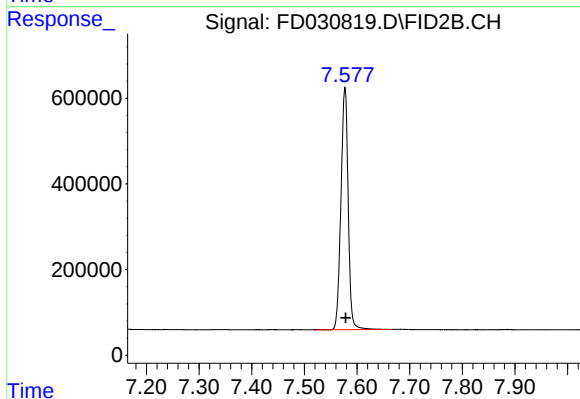
#2 Naphthalene (C11.7)

R.T.: 5.918 min
Delta R.T.: -0.003 min
Response: 4806078
Conc: 24.99 ug/ml



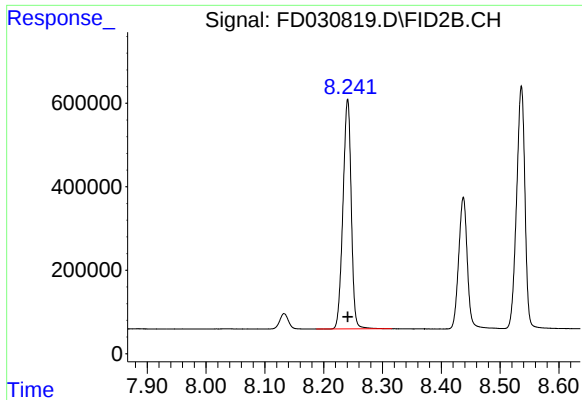
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.968 min
Delta R.T.: -0.002 min
Response: 5143872
Conc: 27.00 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.577 min
Delta R.T.: -0.002 min
Response: 5407930
Conc: 31.76 ug/ml



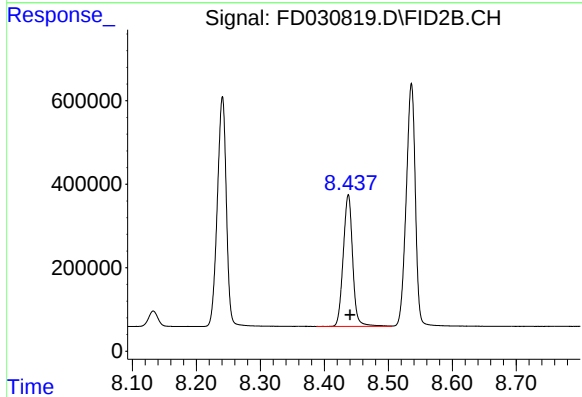
#5 Acenaphthylene (C15.06)

R.T.: 8.241 min
Delta R.T.: 0.000 min
Response: 5384718
Conc: 29.23 ug/ml

Instrument :
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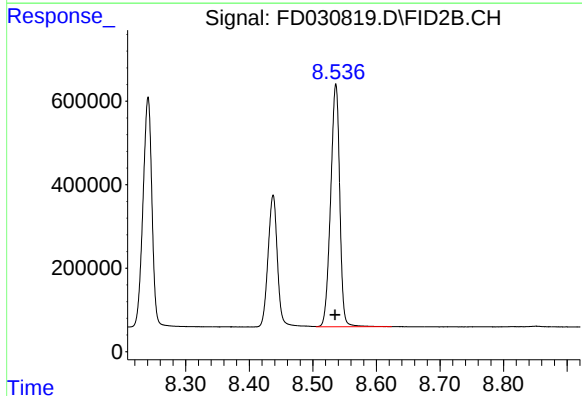
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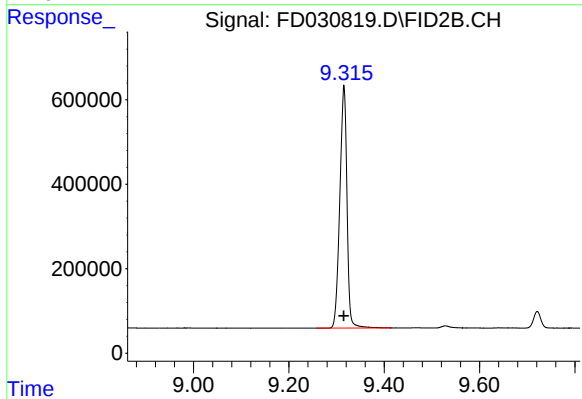
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.438 min
Delta R.T.: -0.003 min
Response: 3228684
Conc: 27.99 ug/ml



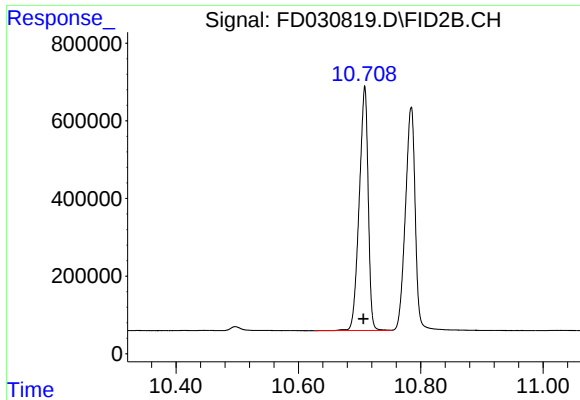
#7 Acenaphthene (C15.5)

R.T.: 8.536 min
Delta R.T.: 0.001 min
Response: 5779109
Conc: 29.94 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.316 min
Delta R.T.: 0.000 min
Response: 6049907
Conc: 32.01 ug/ml



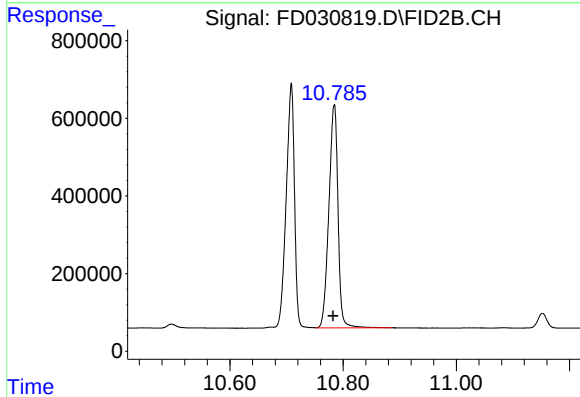
#9 Phenanthrene (C19.36)

R.T.: 10.709 min
Delta R.T.: 0.002 min
Response: 6404808
Conc: 34.06 ug/ml

Instrument :
FID_D
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RT-5124MS

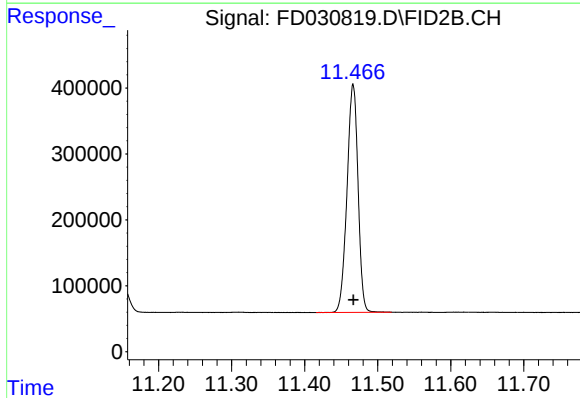
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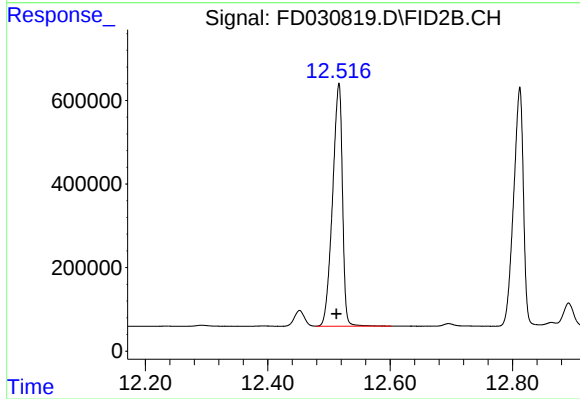
#10 Anthracene (C19.43)

R.T.: 10.784 min
Delta R.T.: 0.002 min
Response: 6452033
Conc: 35.30 ug/ml



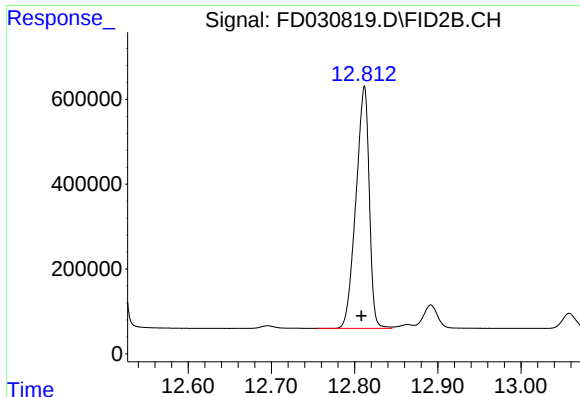
#11 ortho-Terphenyl (SURR)

R.T.: 11.466 min
Delta R.T.: 0.000 min
Response: 3625449
Conc: 19.41 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.516 min
Delta R.T.: 0.004 min
Response: 6521964
Conc: 34.88 ug/ml



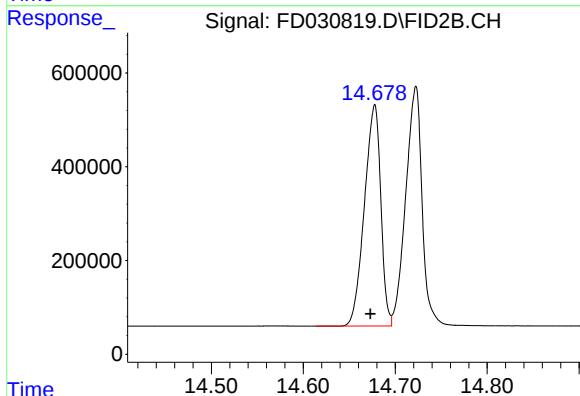
#13 Pyrene (C20.8)

R.T.: 12.812 min
Delta R.T.: 0.004 min
Response: 6351788
Conc: 34.54 ug/ml

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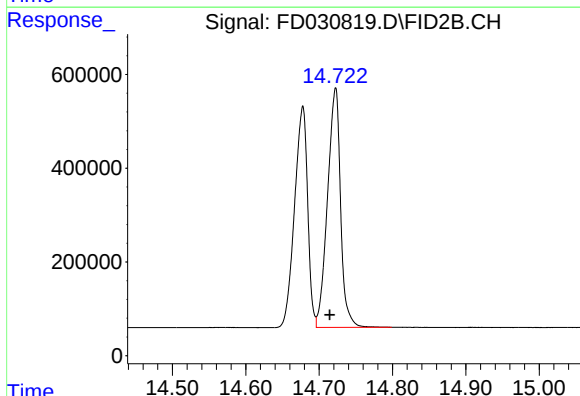
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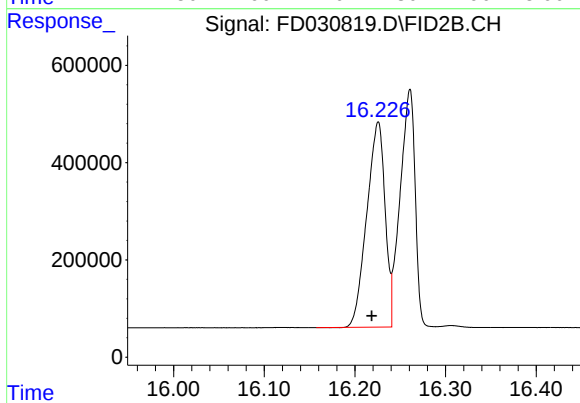
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.678 min
Delta R.T.: 0.005 min
Response: 5840831
Conc: 33.76 ug/ml



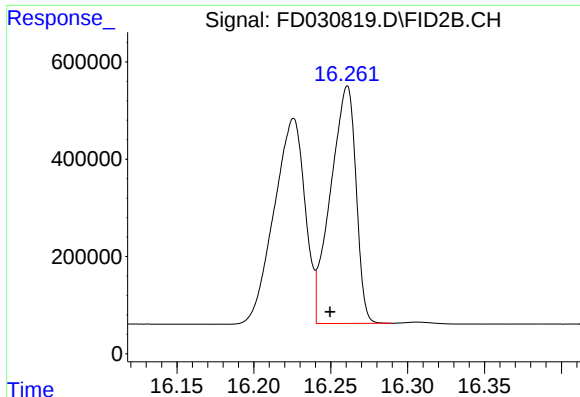
#15 Chrysene (C27.41)

R.T.: 14.722 min
Delta R.T.: 0.008 min
Response: 6331778
Conc: 35.67 ug/ml



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

R.T.: 16.226 min
Delta R.T.: 0.007 min
Response: 5909867
Conc: 35.09 ug/ml



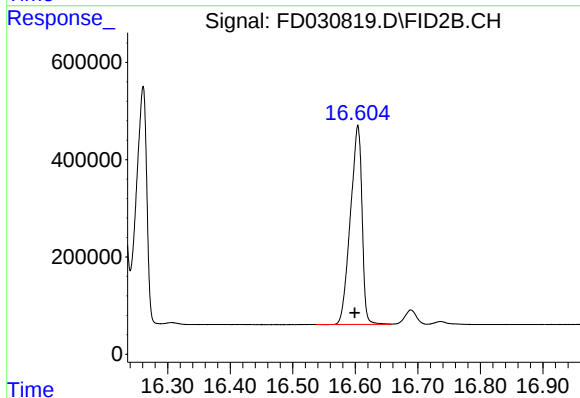
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.261 min
Delta R.T.: 0.011 min
Response: 5611027
Conc: 32.93 ug/ml

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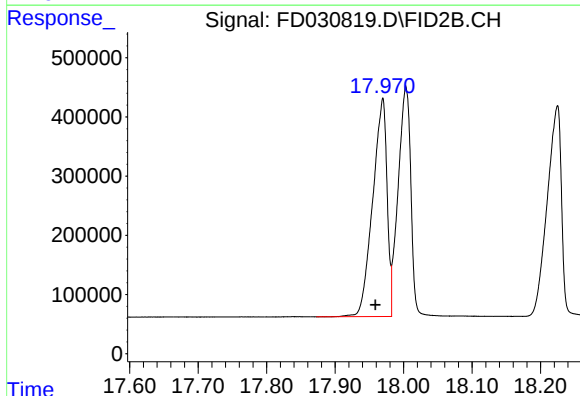
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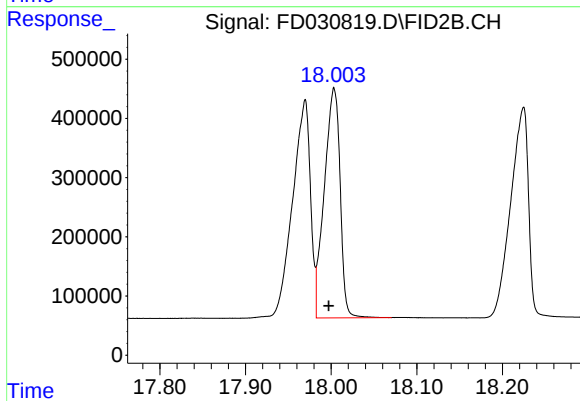
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.604 min
Delta R.T.: 0.005 min
Response: 5287586
Conc: 32.21 ug/ml



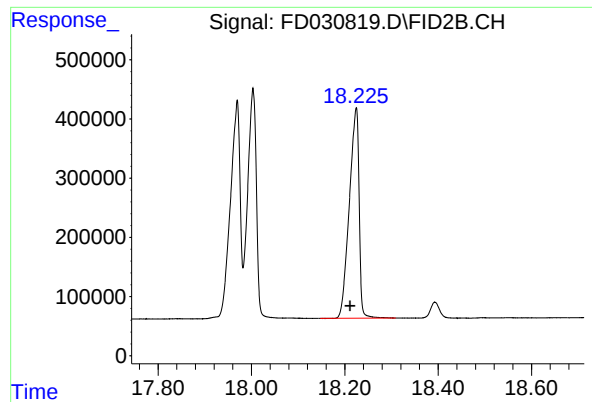
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.970 min
Delta R.T.: 0.011 min
Response: 5348906
Conc: 34.14 ug/ml



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

R.T.: 18.003 min
Delta R.T.: 0.006 min
Response: 4979384
Conc: 31.82 ug/ml



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

R.T.: 18.225 min
Delta R.T.: 0.013 min
Response: 5171593
Conc: 33.58 ug/ml

Instrument :
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