

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110320AR\
 Data File : FD035272.D
 Signal(s) : FID2B.CH
 Acq On : 03 Nov 2020 15:22
 Operator : DD\AJ
 Sample : FCS CHECK SOL 4
 Misc : LOT# E2971
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 FCS CHECK SOL 4

Manual Integrations
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 11/4/2020 3:49:58 PM

Integration File: autoint1.e
 Quant Time: Nov 04 00:45:15 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110220.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 03 10:20:32 2020
 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...	7.643	8596217	74.116 ug/ml
Spiked Amount 50.000		Recovery =	148.23%
6) S 2-Fluorobiphenyl (SURR)	8.508	6031829	74.959 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	149.92%#
11) S ortho-Terphenyl (SURR)	11.546	8016519	57.685 ug/ml
Spiked Amount 50.000		Recovery =	115.37%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.440	6689240	51.860 ug/mlm
2) T Naphthalene (C11.7)	5.980	7687430	56.775 ug/ml
3) T 2-Methylnaphthalene (...)	7.033	8011571	58.774 ug/ml
5) T Acenaphthylene (C15.06)	8.309	7980698	59.199 ug/ml
7) T Acenaphthene (C15.5)	8.606	8447310	60.849 ug/ml
8) T Fluorene (C16.55)	9.387	8403110	63.373 ug/ml
9) T Phenanthrene (C19.36)	10.784	8512487	64.396 ug/ml
10) T Anthracene (C19.43)	10.860	8186085	60.547 ug/ml
12) T Fluoranthene (C21.85)	12.597	8249332	61.406 ug/ml
13) T Pyrene (C20.8)	12.894	8148013	61.268 ug/ml
14) T Benzo[a]anthracene (C...	14.766	7591097	63.791 ug/ml
15) T Chrysene (C27.41)	14.811	7813074	58.992 ug/ml
16) T benzo[b]fluoranthene ...	16.319	7275415	61.565 ug/ml
17) T Bnezo[k]fluoranthene ...	16.353	6856153	56.333 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.698	6276594	57.389 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.064	6507519	63.673 ug/ml
20) T Dibenz[a,h]anthracene...	18.101	6186494	54.088 ug/ml
21) T Benzo[g,h,i]perylene ...	18.321	6230363	58.193 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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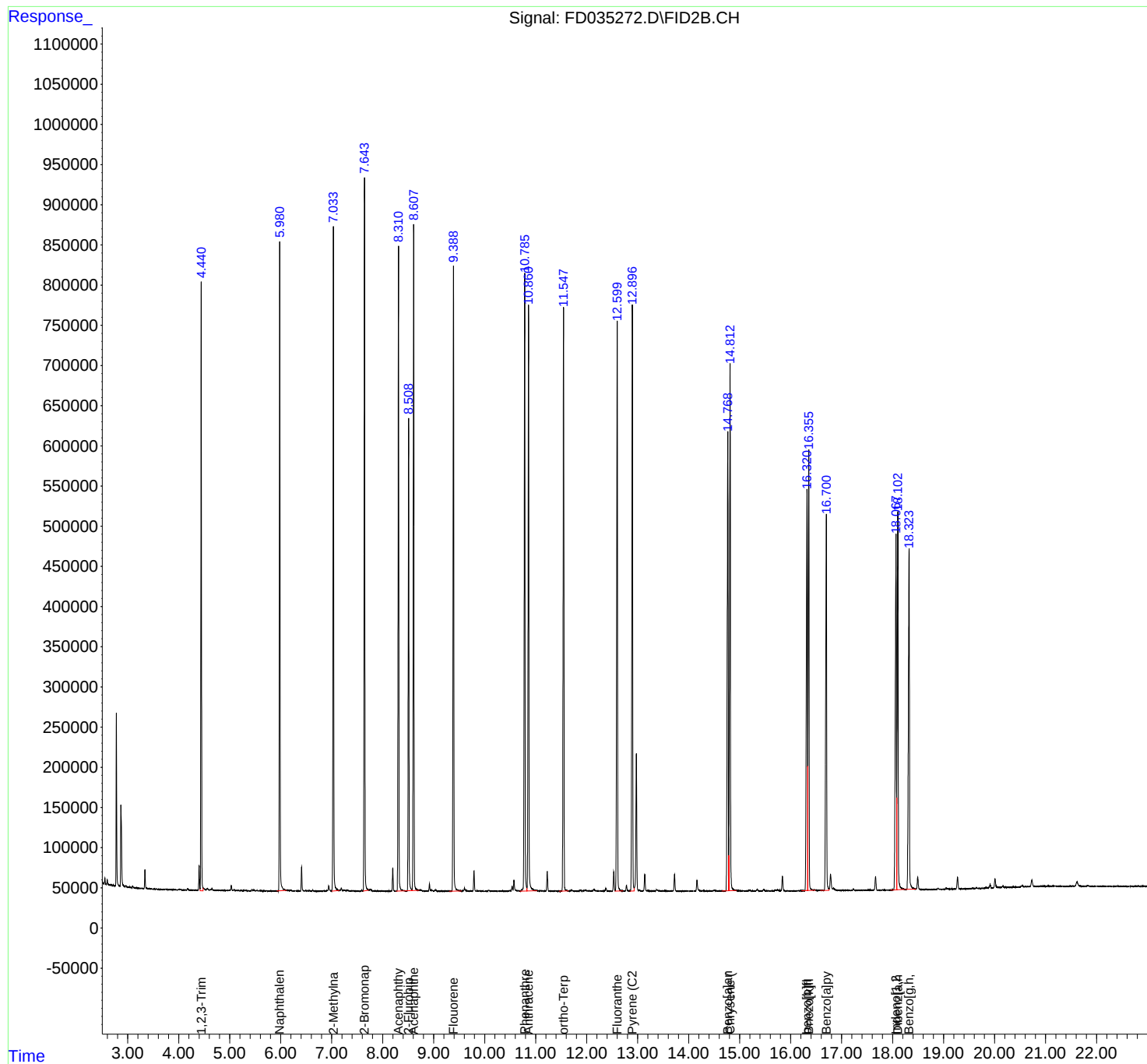
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FCS CHECK SOL 4

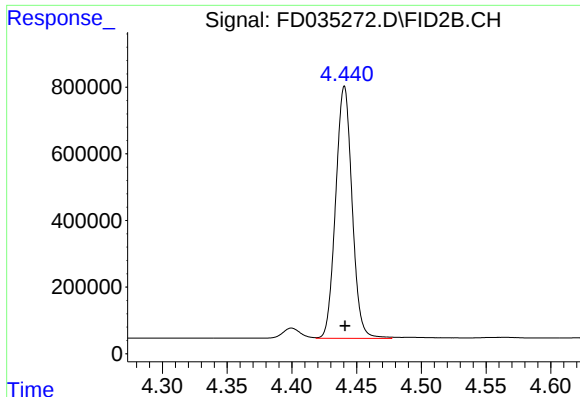
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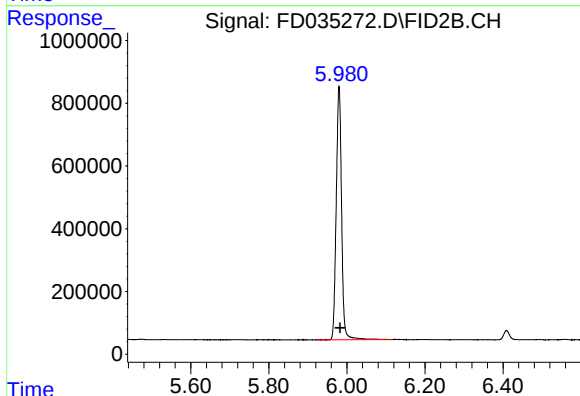
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.440 min
Delta R.T.: 0.000 min
Response: 6689240
Conc: 51.86 ug/ml m

Instrument :
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ClientSampleId :
FCS CHECK SOL 4

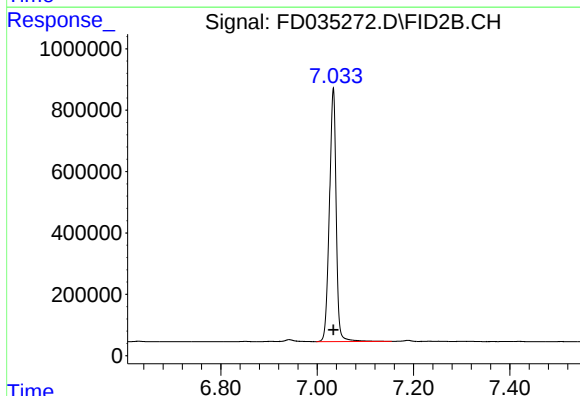
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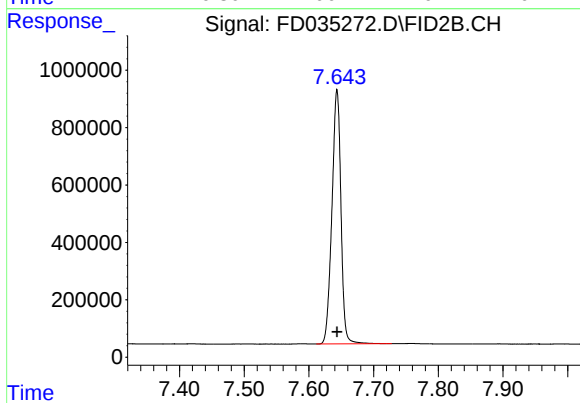
#2 Naphthalene (C11.7)

R.T.: 5.980 min
Delta R.T.: -0.003 min
Response: 7687430
Conc: 56.77 ug/ml



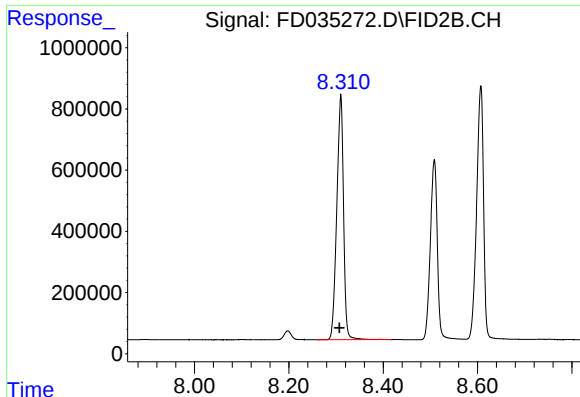
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.033 min
Delta R.T.: 0.000 min
Response: 8011571
Conc: 58.77 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.643 min
Delta R.T.: 0.000 min
Response: 8596217
Conc: 74.12 ug/ml



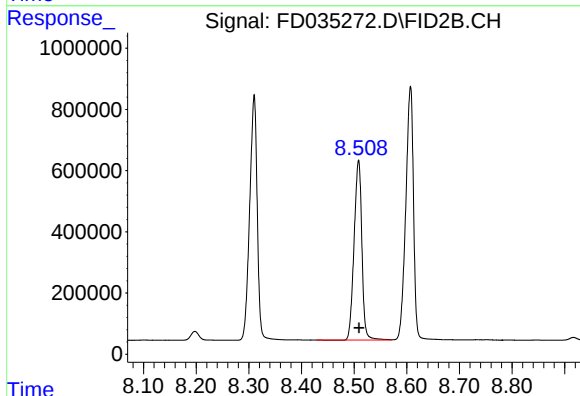
#5 Acenaphthylene (C15.06)

R.T.: 8.309 min
Delta R.T.: 0.002 min
Response: 7980698
Conc: 59.20 ug/ml

Instrument :
FID_D
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FCS CHECK SOL 4

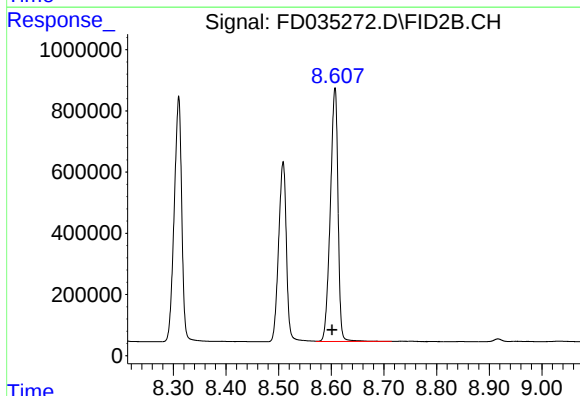
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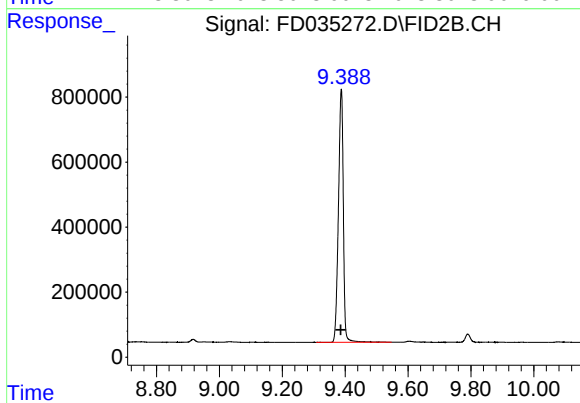
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.508 min
Delta R.T.: -0.002 min
Response: 6031829
Conc: 74.96 ug/ml



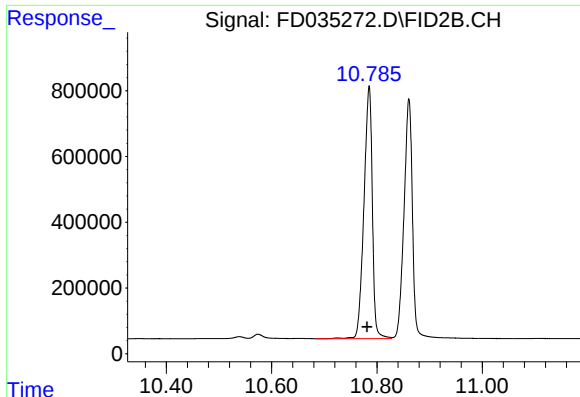
#7 Acenaphthene (C15.5)

R.T.: 8.606 min
Delta R.T.: 0.005 min
Response: 8447310
Conc: 60.85 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.387 min
Delta R.T.: 0.000 min
Response: 8403110
Conc: 63.37 ug/ml



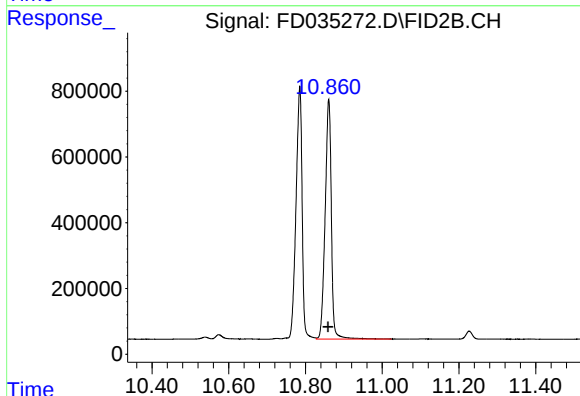
#9 Phenanthrene (C19.36)

R.T.: 10.784 min
Delta R.T.: 0.002 min
Response: 8512487
Conc: 64.40 ug/ml

Instrument :
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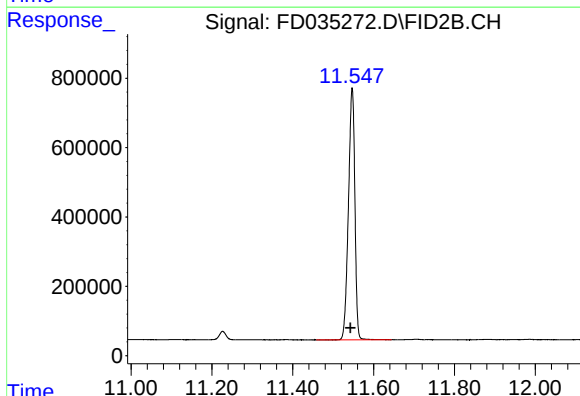
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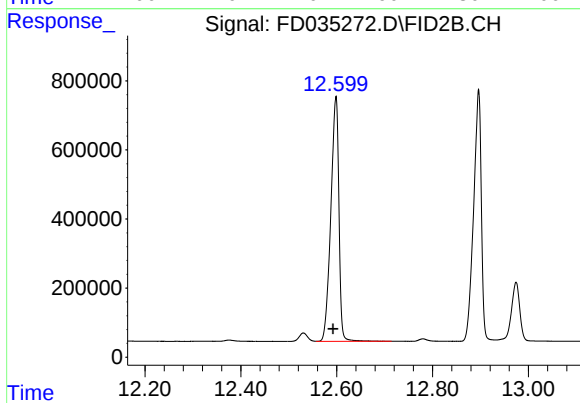
#10 Anthracene (C19.43)

R.T.: 10.860 min
Delta R.T.: 0.001 min
Response: 8186085
Conc: 60.55 ug/ml



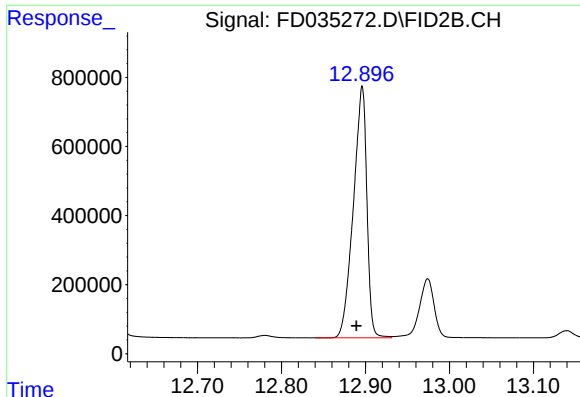
#11 ortho-Terphenyl (SURR)

R.T.: 11.546 min
Delta R.T.: 0.003 min
Response: 8016519
Conc: 57.68 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.597 min
Delta R.T.: 0.004 min
Response: 8249332
Conc: 61.41 ug/ml



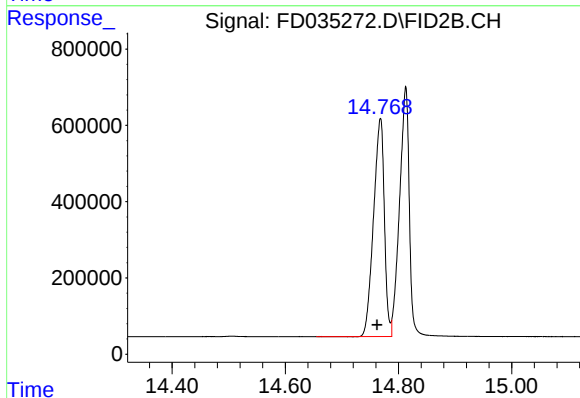
#13 Pyrene (C20.8)

R.T.: 12.894 min
Delta R.T.: 0.005 min
Response: 8148013
Conc: 61.27 ug/ml

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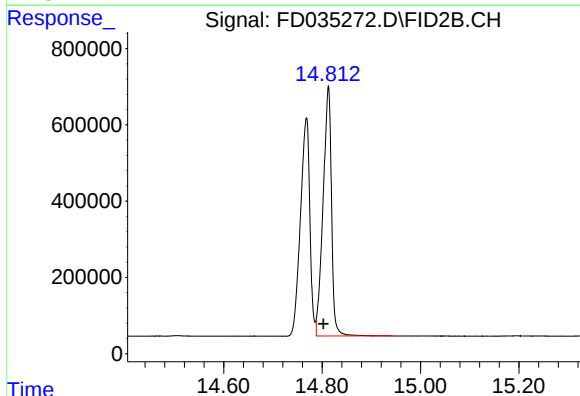
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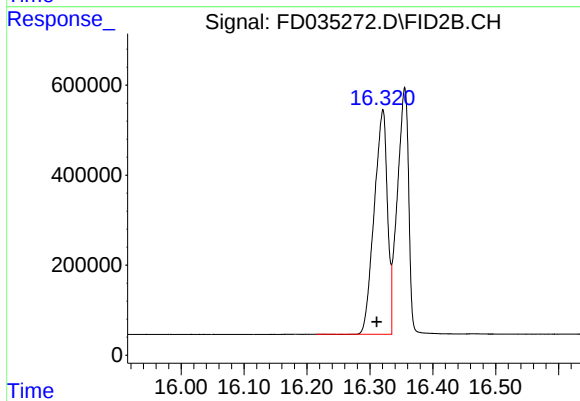
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.766 min
Delta R.T.: 0.004 min
Response: 7591097
Conc: 63.79 ug/ml



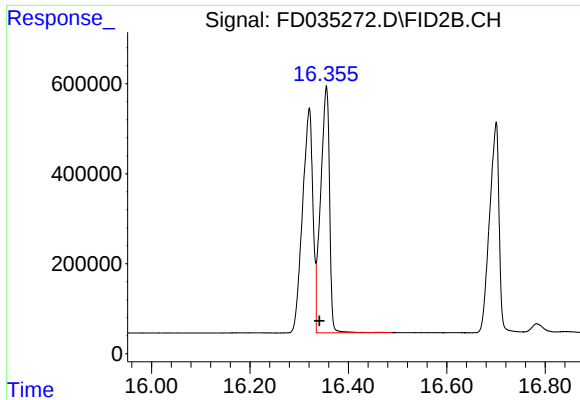
#15 Chrysene (C27.41)

R.T.: 14.811 min
Delta R.T.: 0.009 min
Response: 7813074
Conc: 58.99 ug/ml



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

R.T.: 16.319 min
Delta R.T.: 0.008 min
Response: 7275415
Conc: 61.56 ug/ml



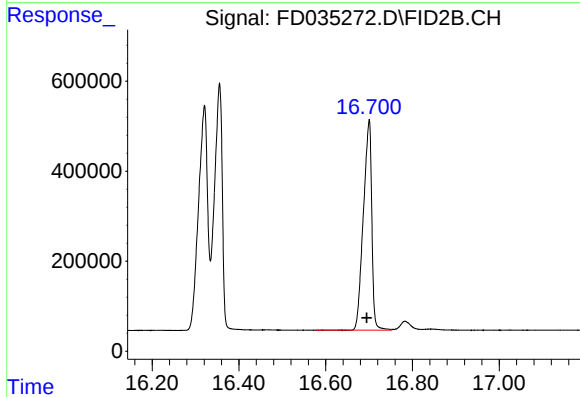
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.353 min
Delta R.T.: 0.012 min
Response: 6856153
Conc: 56.33 ug/ml

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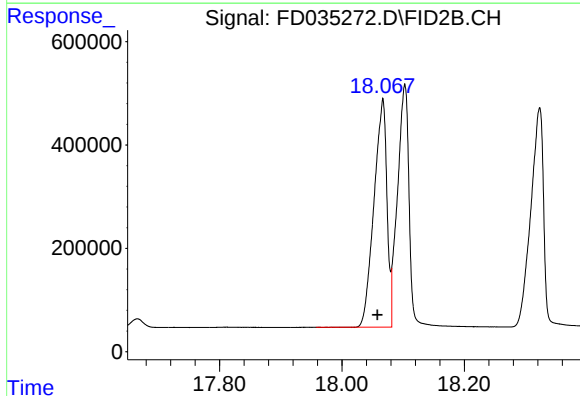
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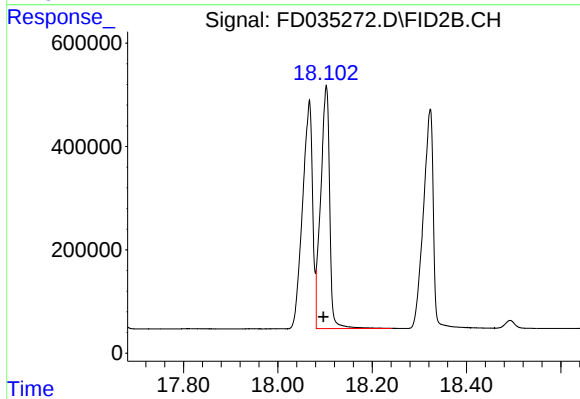
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.698 min
Delta R.T.: 0.003 min
Response: 6276594
Conc: 57.39 ug/ml



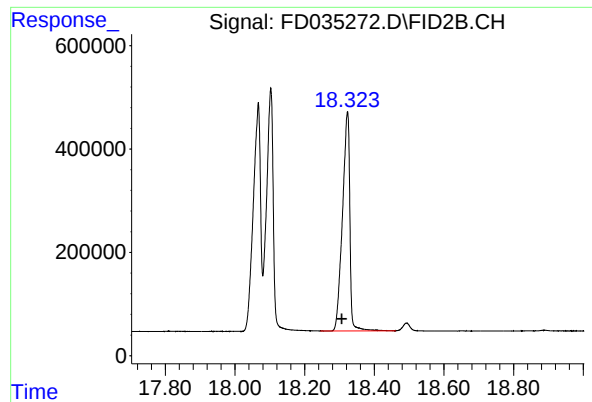
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.064 min
Delta R.T.: 0.007 min
Response: 6507519
Conc: 63.67 ug/ml



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

R.T.: 18.101 min
Delta R.T.: 0.004 min
Response: 6186494
Conc: 54.09 ug/ml



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

R.T.: 18.321 min
Delta R.T.: 0.014 min
Response: 6230363
Conc: 58.19 ug/ml

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