

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD033022AR\
 Data File : FD041823.D
 Signal(s) : FID2B.CH
 Acq On : 30 Mar 2022 23:36
 Operator : UA/NP
 Sample : N2161-05MSD
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 S-4MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/31/2022
 Supervised By :mohammad ahmed 04/01/2022

Integration File: autoint1.e
 Quant Time: Mar 31 01:24:14 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032222.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 29 12:14:13 2022
 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...	7.347	5386242	33.582 ug/ml
Spiked Amount 50.000		Recovery =	67.16%
6) S 2-Fluorobiphenyl (SURR)	8.196	3422412	34.634 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	69.27%
11) S ortho-Terphenyl (SURR)	11.225	4180051	21.503 ug/ml
Spiked Amount 50.000		Recovery =	43.01%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.167	4345966	24.812 ug/ml
2) T Naphthalene (C11.7)	5.689	4561696	25.855 ug/ml
3) T 2-Methylnaphthalene (...)	6.735	4661957	29.139 ug/ml
5) T Acenaphthylene (C15.06)	7.998	4850751	26.212 ug/ml
7) T Acenaphthene (C15.5)	8.291	5440642	28.341 ug/ml
8) T Flouorene (C16.55)	9.069	5219069	29.583 ug/ml
9) T Phenanthrene (C19.36)	10.456	5497018	31.515 ug/ml
10) T Anthracene (C19.43)	10.531	5574472	30.627 ug/ml
12) T Fluoranthene (C21.85)	12.259	5636106	31.926 ug/ml
13) T Pyrene (C20.8)	12.551	5368219	31.752 ug/ml
14) T Benzo[a]anthracene (C...	14.420	4754909	31.799 ug/ml
15) T Chrysene (C27.41)	14.462	4787360	26.597 ug/ml
16) T benzo[b]fluoranthene ...	15.970	4756816	32.078 ug/ml
17) T Bnezo[k]fluoranthene ...	16.001	4932248	29.849 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.344	4312461	30.659 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.713	4411011	40.049 ug/ml
20) T Dibenz[a,h]anthracene...	17.750	4880130	33.709 ug/ml
21) T Benzo[g,h,i]perylene ...	17.964	4762219	35.883 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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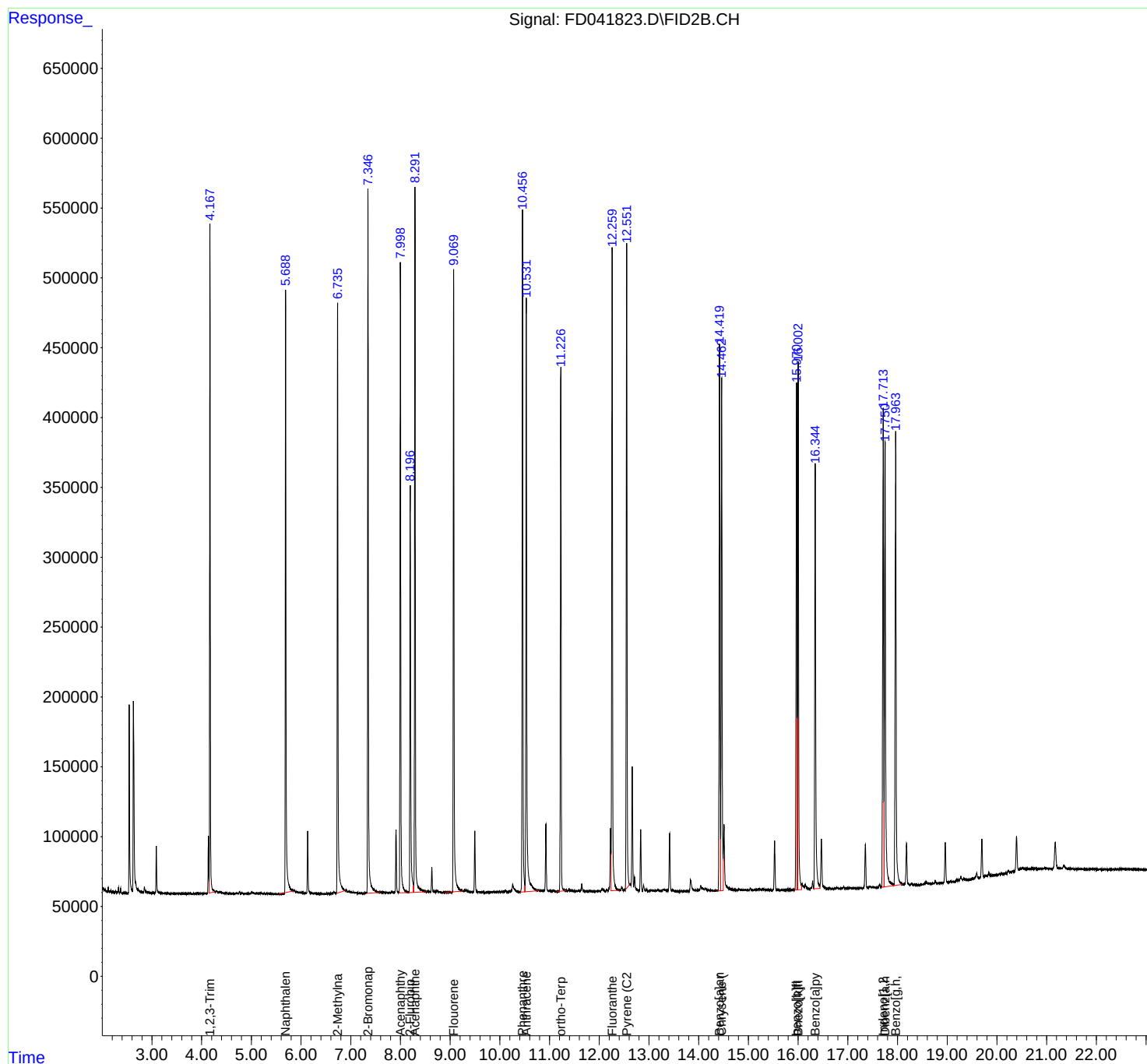
Instrument :
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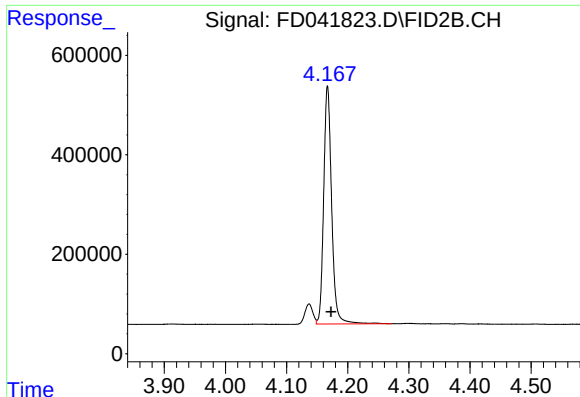
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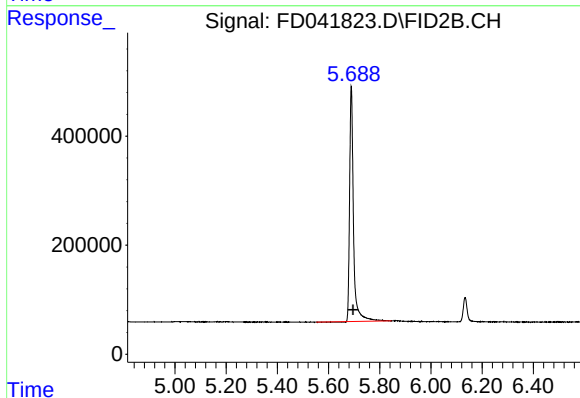
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.167 min
Delta R.T.: -0.006 min
Response: 4345966
Conc: 24.81 ug/ml

Instrument :
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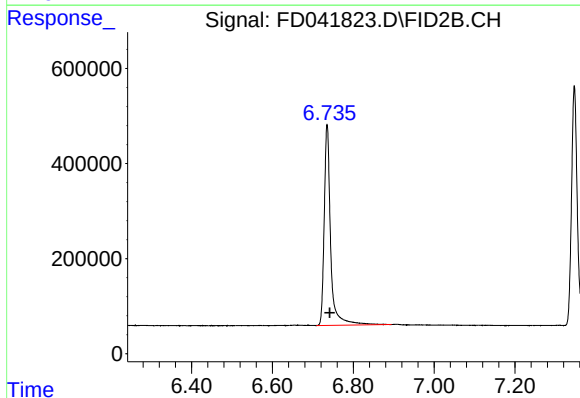
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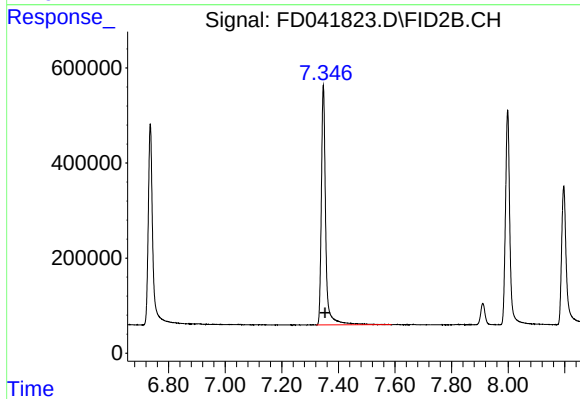
#2 Naphthalene (C11.7)

R.T.: 5.689 min
Delta R.T.: -0.007 min
Response: 4561696
Conc: 25.85 ug/ml



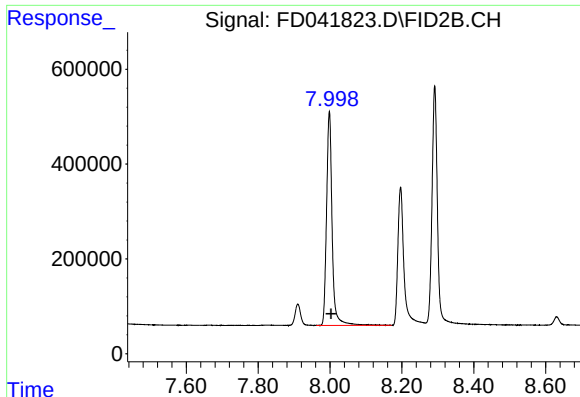
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.735 min
Delta R.T.: -0.006 min
Response: 4661957
Conc: 29.14 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.347 min
Delta R.T.: -0.006 min
Response: 5386242
Conc: 33.58 ug/ml



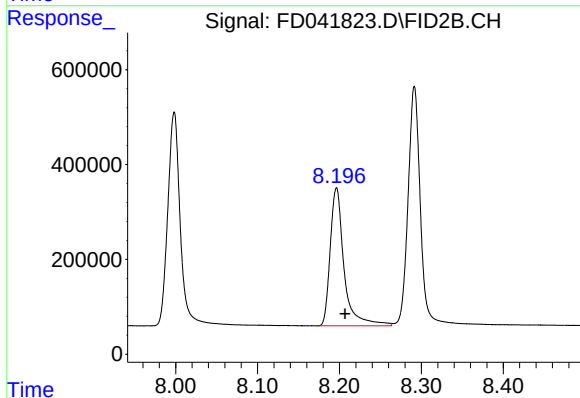
#5 Acenaphthylene (C15.06)

R.T.: 7.998 min
Delta R.T.: -0.005 min
Response: 4850751
Conc: 26.21 ug/ml

Instrument :
FID_D
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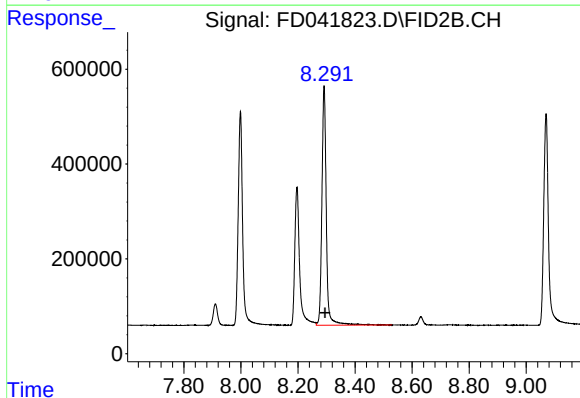
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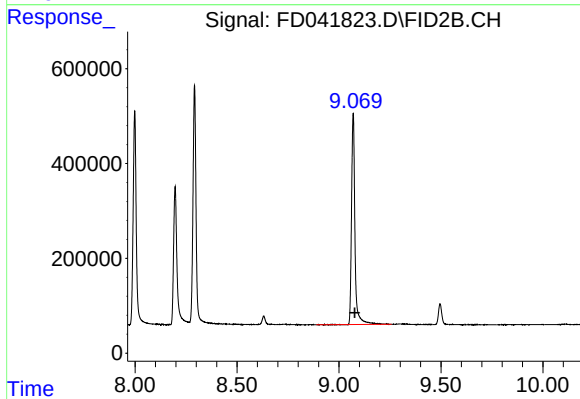
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.196 min
Delta R.T.: -0.011 min
Response: 3422412
Conc: 34.63 ug/ml



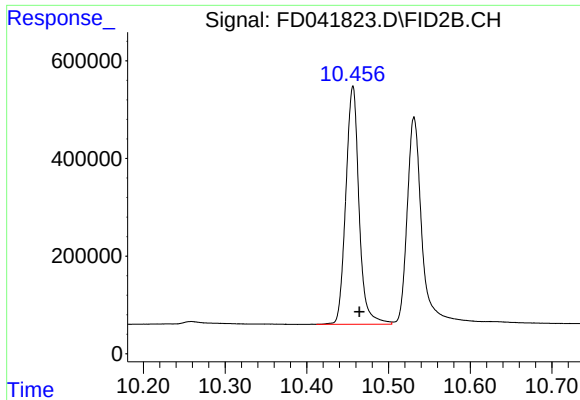
#7 Acenaphthene (C15.5)

R.T.: 8.291 min
Delta R.T.: -0.004 min
Response: 5440642
Conc: 28.34 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.069 min
Delta R.T.: -0.008 min
Response: 5219069
Conc: 29.58 ug/ml



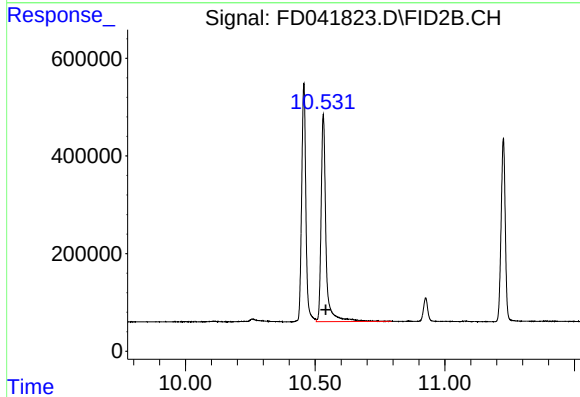
#9 Phenanthrene (C19.36)

R.T.: 10.456 min
Delta R.T.: -0.008 min
Response: 5497018
Conc: 31.51 ug/ml

Instrument :
FID_D
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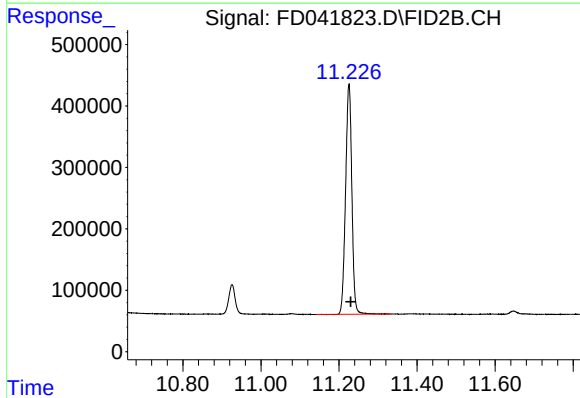
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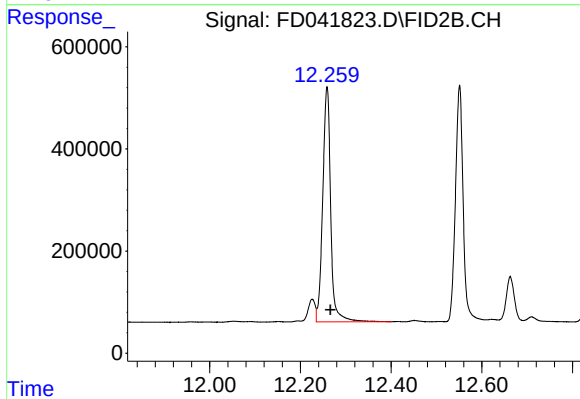
#10 Anthracene (C19.43)

R.T.: 10.531 min
Delta R.T.: -0.009 min
Response: 5574472
Conc: 30.63 ug/ml



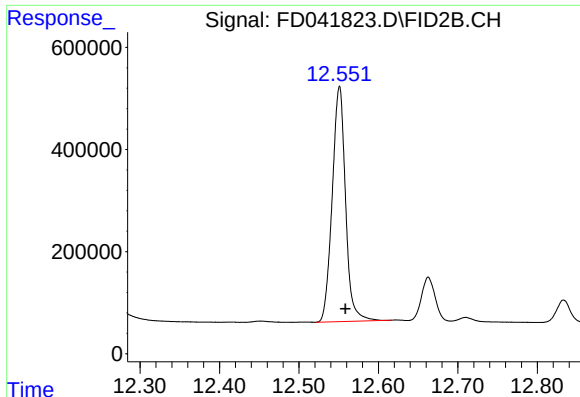
#11 ortho-Terphenyl (SURR)

R.T.: 11.225 min
Delta R.T.: -0.005 min
Response: 4180051
Conc: 21.50 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.259 min
Delta R.T.: -0.008 min
Response: 5636106
Conc: 31.93 ug/ml



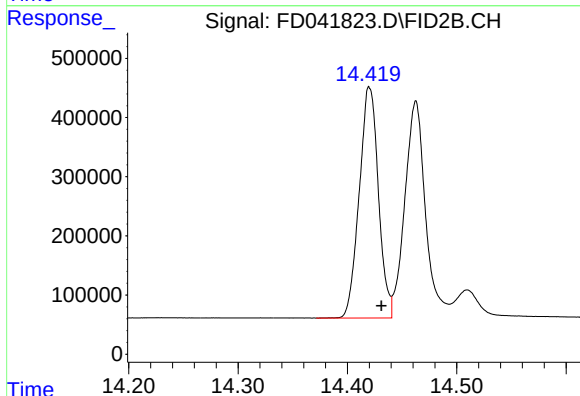
#13 Pyrene (C20.8)

R.T.: 12.551 min
Delta R.T.: -0.008 min
Response: 5368219
Conc: 31.75 ug/ml

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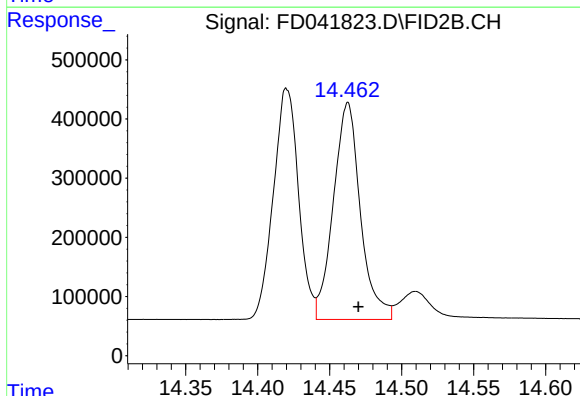
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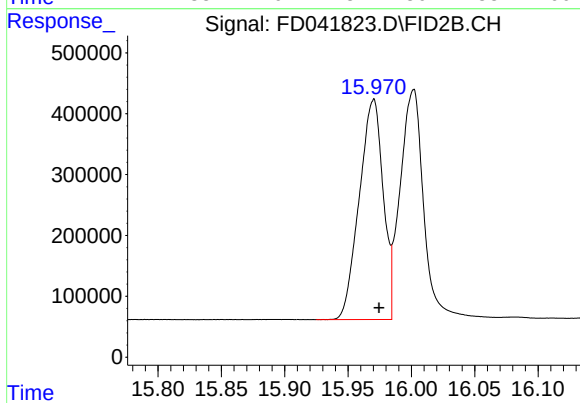
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.420 min
Delta R.T.: -0.011 min
Response: 4754909
Conc: 31.80 ug/ml



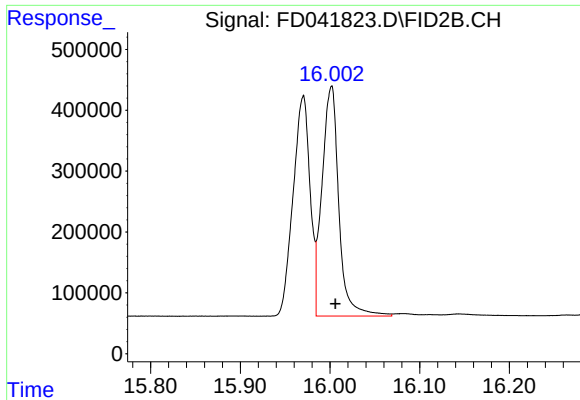
#15 Chrysene (C27.41)

R.T.: 14.462 min
Delta R.T.: -0.008 min
Response: 4787360
Conc: 26.60 ug/ml



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

R.T.: 15.970 min
Delta R.T.: -0.005 min
Response: 4756816
Conc: 32.08 ug/ml



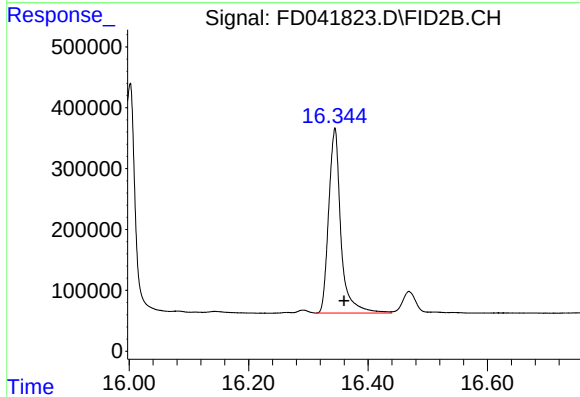
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.001 min
Delta R.T.: -0.005 min
Response: 4932248
Conc: 29.85 ug/ml

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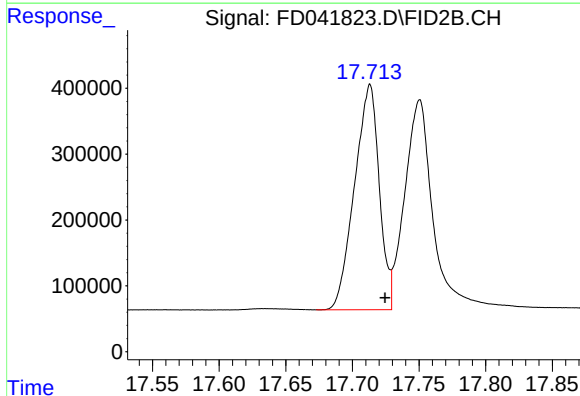
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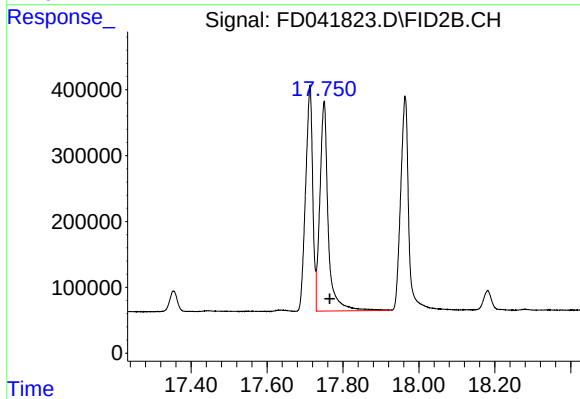
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.344 min
Delta R.T.: -0.016 min
Response: 4312461
Conc: 30.66 ug/ml m



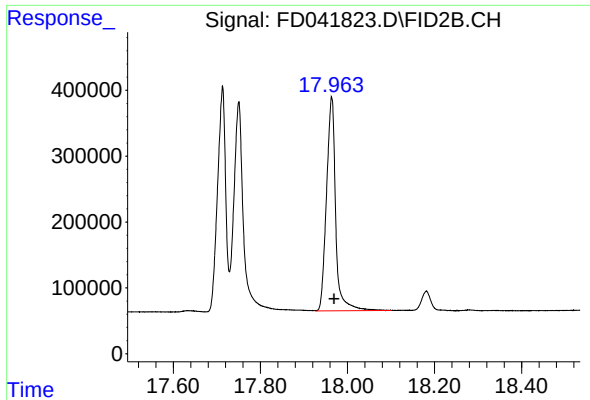
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.713 min
Delta R.T.: -0.012 min
Response: 4411011
Conc: 40.05 ug/ml



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

R.T.: 17.750 min
Delta R.T.: -0.015 min
Response: 4880130
Conc: 33.71 ug/ml



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

R.T.: 17.964 min
Delta R.T.: -0.006 min
Response: 4762219
Conc: 35.88 ug/ml

Instrument :

FID_D

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