

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050222AR\
 Data File : FD042227.D
 Signal(s) : FID2B.CH
 Acq On : 02 May 2022 13:46
 Operator : UA/NP
 Sample : PB144492BS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB144492BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/03/2022
 Supervised By :mohammad ahmed 05/04/2022

Integration File: autoint1.e
 Quant Time: May 02 20:13:06 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 21 17:32:22 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	6726174	47.987 ug/ml
Spiked Amount 50.000		Recovery =	95.97%
6) S 2-Fluorobiphenyl (SURR)	8.197	4228210	59.341 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	118.68%
11) S ortho-Terphenyl (SURR)	11.224	6802653	39.247 ug/ml
Spiked Amount 50.000		Recovery =	78.49%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.171	5755916	36.973 ug/mlm
2) T Naphthalene (C11.7)	5.691	6392383	40.522 ug/ml
3) T 2-Methylnaphthalene (...)	6.736	6382386	44.137 ug/ml
5) T Acenaphthylene (C15.06)	7.998	6441227	39.085 ug/ml
7) T Acenaphthene (C15.5)	8.292	7160395	38.139 ug/ml
8) T Flouorene (C16.55)	9.070	6965890	45.733 ug/ml
9) T Phenanthrene (C19.36)	10.457	7076722	47.659 ug/ml
10) T Anthracene (C19.43)	10.533	7388783	44.136 ug/ml
12) T Fluoranthene (C21.85)	12.260	7314254	46.629 ug/ml
13) T Pyrene (C20.8)	12.553	7206751	44.185 ug/ml
14) T Benzo[a]anthracene (C...	14.424	6660294	55.679 ug/ml
15) T Chrysene (C27.41)	14.467	6658937	36.296 ug/ml
16) T benzo[b]fluoranthene ...	15.974	6717031	51.159 ug/ml
17) T Bnezo[k]fluoranthene ...	16.008	7098425	41.059 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.351	6219999	42.157 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.721	6483206	64.954 ug/ml
20) T Dibenz[a,h]anthracene...	17.757	6936172	44.192 ug/ml
21) T Benzo[g,h,i]perylene ...	17.973	6745851	48.710 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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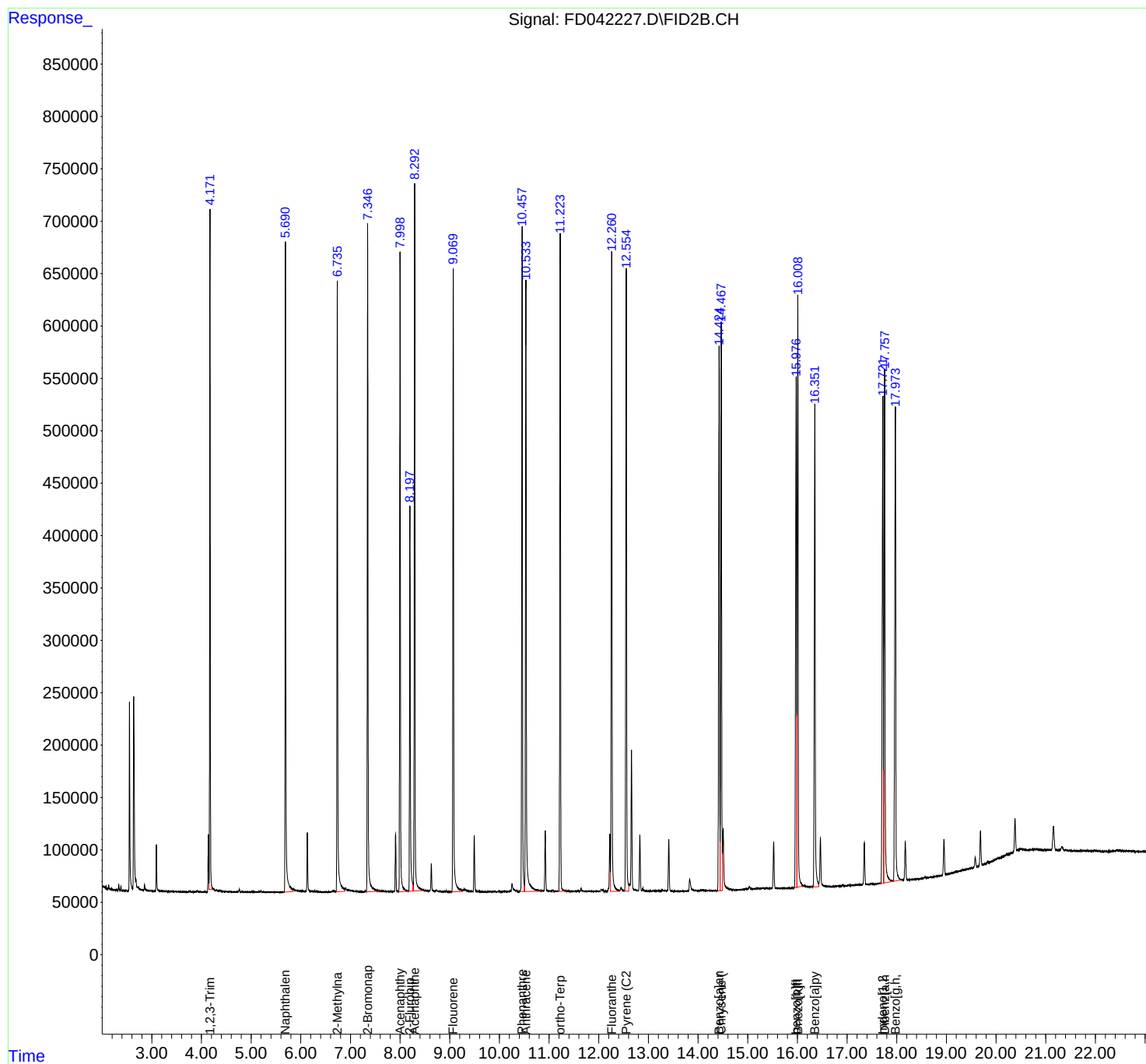
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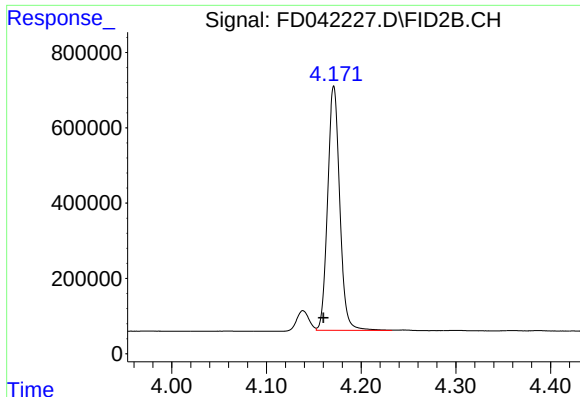
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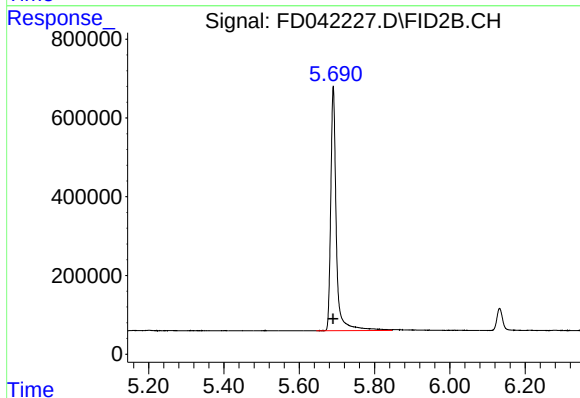
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.171 min
Delta R.T.: 0.011 min
Response: 5755916
Conc: 36.97 ug/ml

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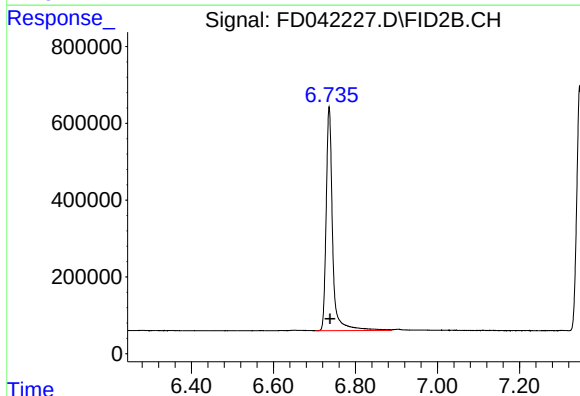
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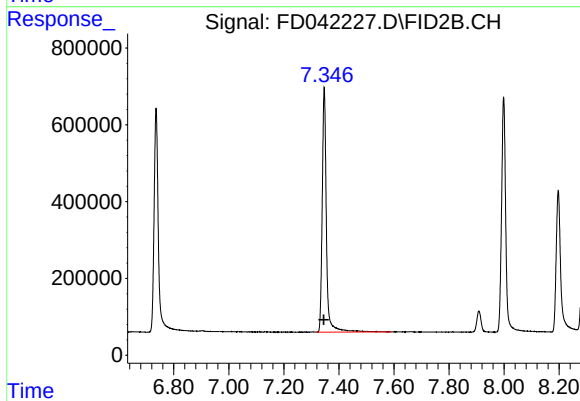
#2 Naphthalene (C11.7)

R.T.: 5.691 min
Delta R.T.: 0.000 min
Response: 6392383
Conc: 40.52 ug/ml



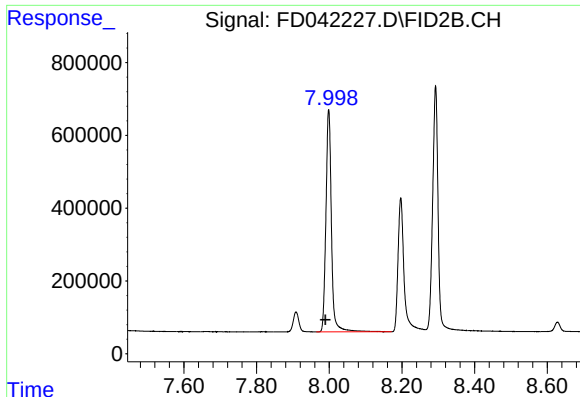
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.736 min
Delta R.T.: -0.002 min
Response: 6382386
Conc: 44.14 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.347 min
Delta R.T.: 0.002 min
Response: 6726174
Conc: 47.99 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 7.998 min
Delta R.T.: 0.009 min
Response: 6441227
Conc: 39.08 ug/ml

Instrument :

FID_D

ClientSampleId :

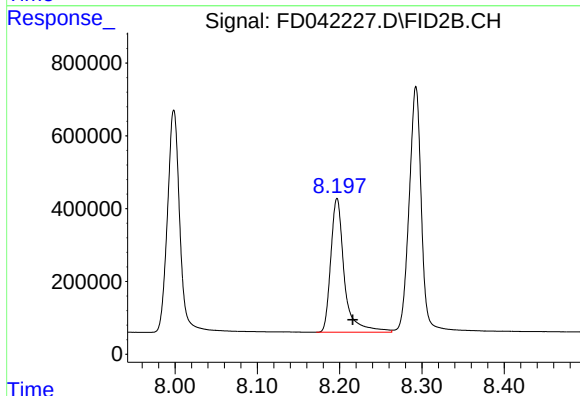
PB144492BS

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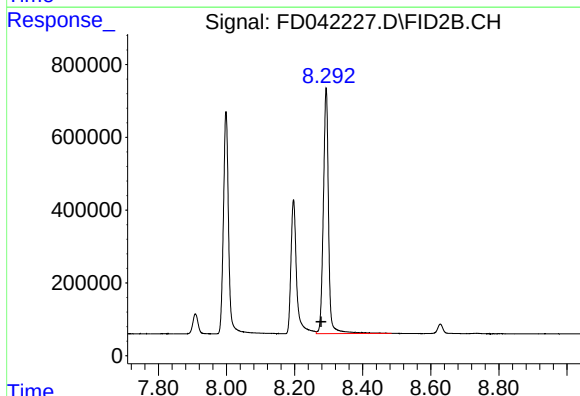
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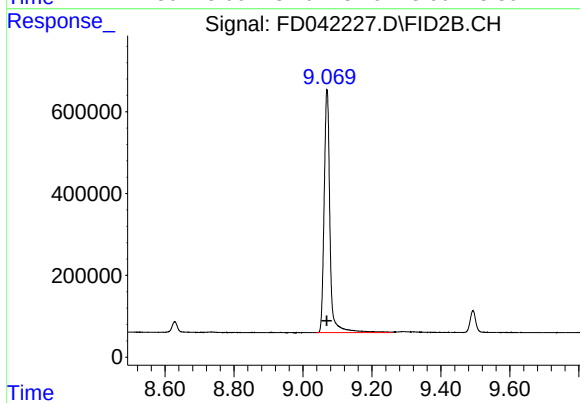
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.197 min
Delta R.T.: -0.019 min
Response: 4228210
Conc: 59.34 ug/ml



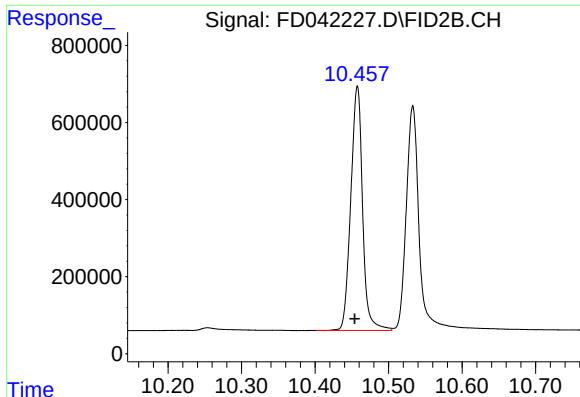
#7 Acenaphthene (C15.5)

R.T.: 8.292 min
Delta R.T.: 0.014 min
Response: 7160395
Conc: 38.14 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 6965890
Conc: 45.73 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.457 min
Delta R.T.: 0.003 min
Response: 7076722
Conc: 47.66 ug/ml

Instrument :

FID_D

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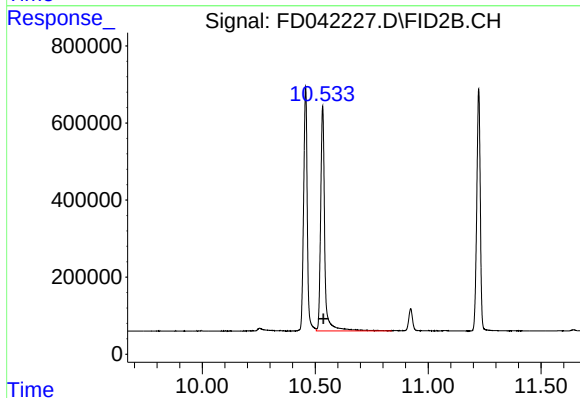
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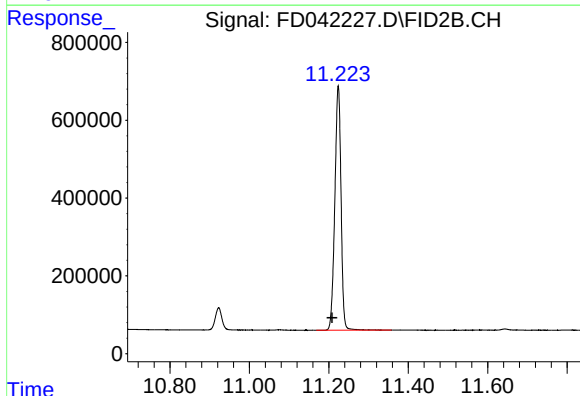
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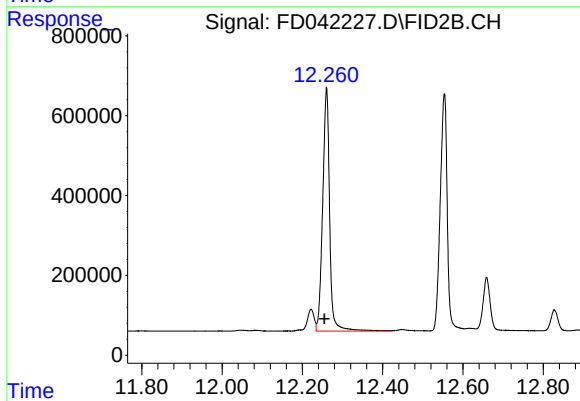
#10 Anthracene (C19.43)

R.T.: 10.533 min
Delta R.T.: -0.004 min
Response: 7388783
Conc: 44.14 ug/ml



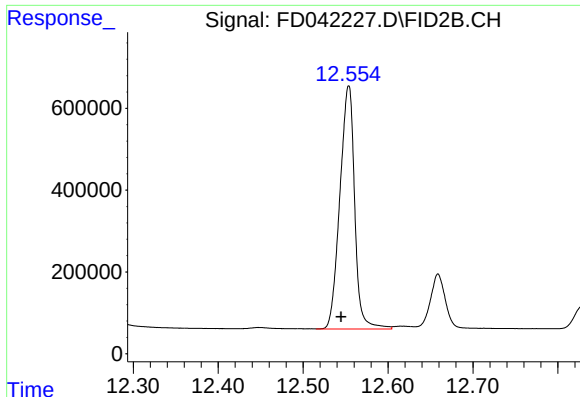
#11 ortho-Terphenyl (SURR)

R.T.: 11.224 min
Delta R.T.: 0.016 min
Response: 6802653
Conc: 39.25 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.260 min
Delta R.T.: 0.005 min
Response: 7314254
Conc: 46.63 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.553 min
Delta R.T.: 0.009 min
Response: 7206751
Conc: 44.18 ug/ml

Instrument :

FID_D

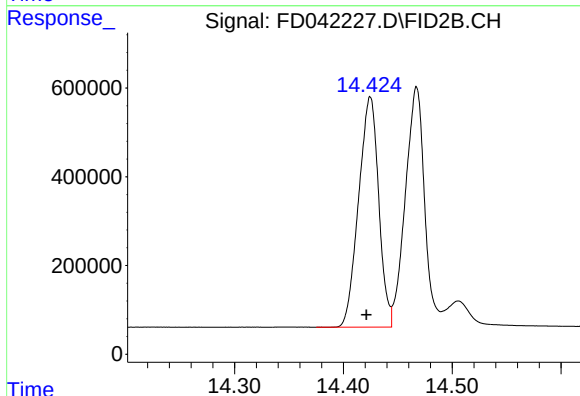
ClientSampleId :

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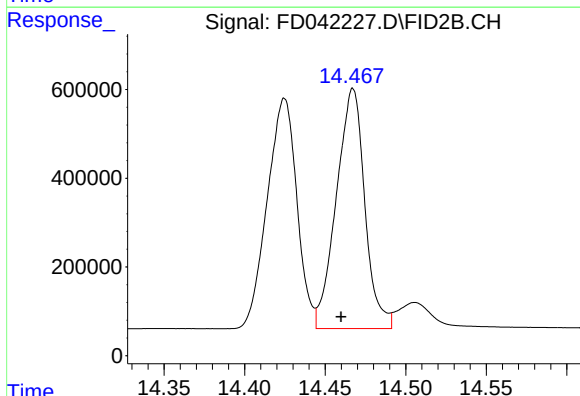
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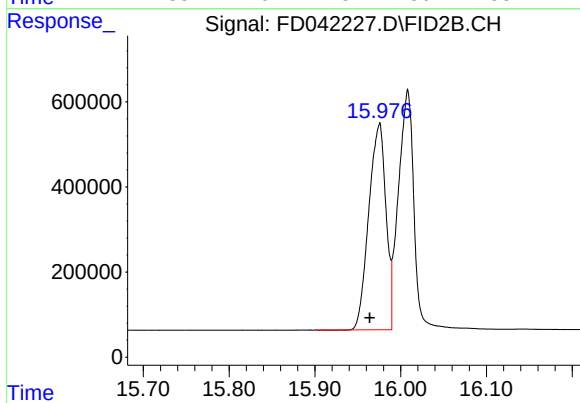
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.424 min
Delta R.T.: 0.003 min
Response: 6660294
Conc: 55.68 ug/ml



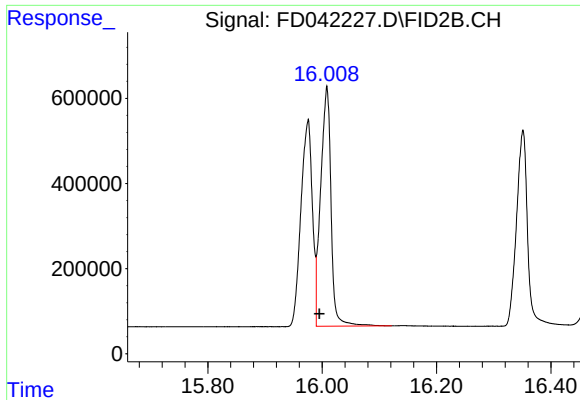
#15 Chrysene (C27.41)

R.T.: 14.467 min
Delta R.T.: 0.007 min
Response: 6658937
Conc: 36.30 ug/ml



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

R.T.: 15.974 min
Delta R.T.: 0.011 min
Response: 6717031
Conc: 51.16 ug/ml



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

R.T.: 16.008 min
Delta R.T.: 0.013 min
Response: 7098425
Conc: 41.06 ug/ml

Instrument :

FID_D

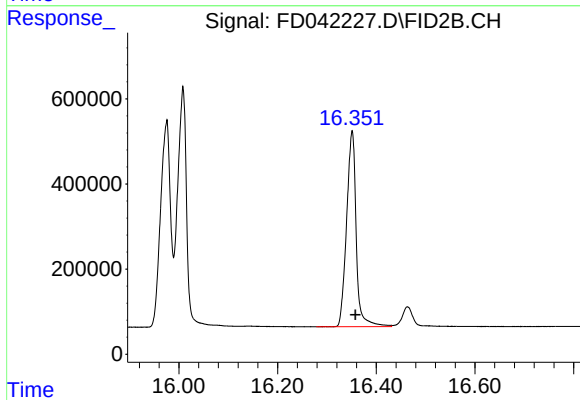
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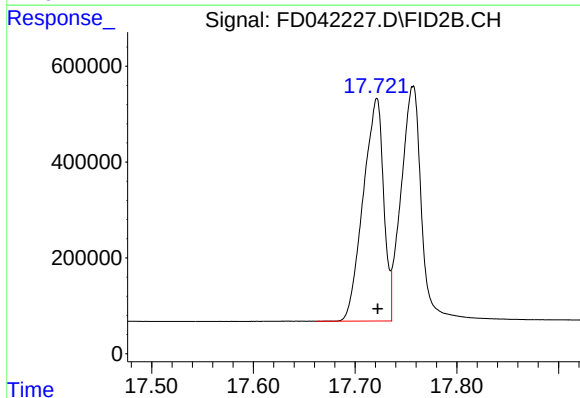
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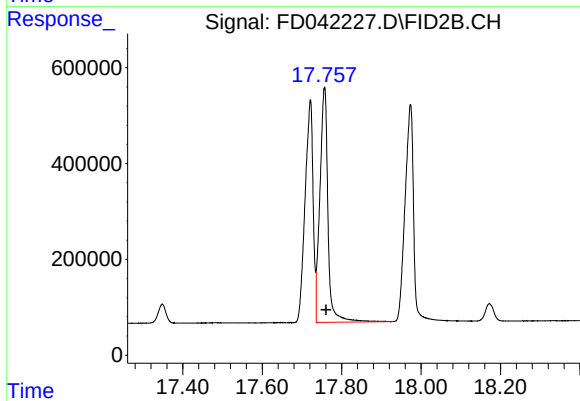
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.351 min
Delta R.T.: -0.007 min
Response: 6219999
Conc: 42.16 ug/ml



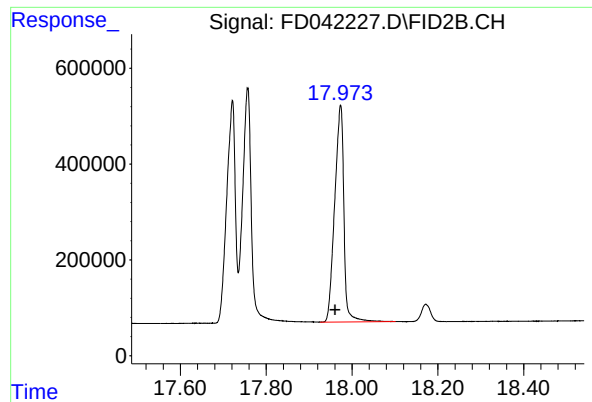
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.721 min
Delta R.T.: -0.002 min
Response: 6483206
Conc: 64.95 ug/ml



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

R.T.: 17.757 min
Delta R.T.: -0.004 min
Response: 6936172
Conc: 44.19 ug/ml



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

R.T.: 17.973 min
Delta R.T.: 0.012 min
Response: 6745851
Conc: 48.71 ug/ml

Instrument :

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