

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032422AR\
 Data File : FD041701.D
 Signal(s) : FID2B.CH
 Acq On : 24 Mar 2022 21:26
 Operator : UA/NP
 Sample : N2030-01MSD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

MR-1MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 03/25/2022

Supervised By :mohammad ahmed 03/30/2022

Integration File: autoint1.e

Quant Time: Mar 25 02:59:44 2022

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032222.M

Quant Title : GC Extractables

QLast Update : Tue Mar 22 17:33:18 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...	7.351	7123264	44.412 ug/ml
Spiked Amount 50.000		Recovery =	88.82%
6) S 2-Fluorobiphenyl (SURR)	8.200	4614744	46.700 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	93.40%
11) S ortho-Terphenyl (SURR)	11.231	7460560	38.378 ug/ml
Spiked Amount 50.000		Recovery =	76.76%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.172	5331776	30.440 ug/ml
2) T Naphthalene (C11.7)	5.692	5957144	33.764 ug/ml
3) T 2-Methylnaphthalene (...)	6.738	6170146	38.565 ug/ml
5) T Acenaphthylene (C15.06)	8.002	6471687	34.971 ug/ml
7) T Acenaphthene (C15.5)	8.296	7163734	37.317 ug/ml
8) T Flouorene (C16.55)	9.074	7107946	40.290 ug/ml
9) T Phenanthrene (C19.36)	10.461	7368600	42.244 ug/ml
10) T Anthracene (C19.43)	10.537	7238043	39.767 ug/ml
12) T Fluoranthene (C21.85)	12.264	7539229	42.706 ug/mlm
13) T Pyrene (C20.8)	12.556	7316586	43.276 ug/ml
14) T Benzo[a]anthracene (C...	14.425	6553428	43.827 ug/ml
15) T Chrysene (C27.41)	14.468	6563847	36.467 ug/ml
16) T benzo[b]fluoranthene ...	15.973	6120136	41.271 ug/ml
17) T Bnezo[k]fluoranthene ...	16.005	6457352	39.079 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.347	5406821	38.440 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.714	5474657	49.706 ug/ml
20) T Dibenz[a,h]anthracene...	17.752	6049194	41.784 ug/ml
21) T Benzo[g,h,i]perylene ...	17.965	5856500	44.128 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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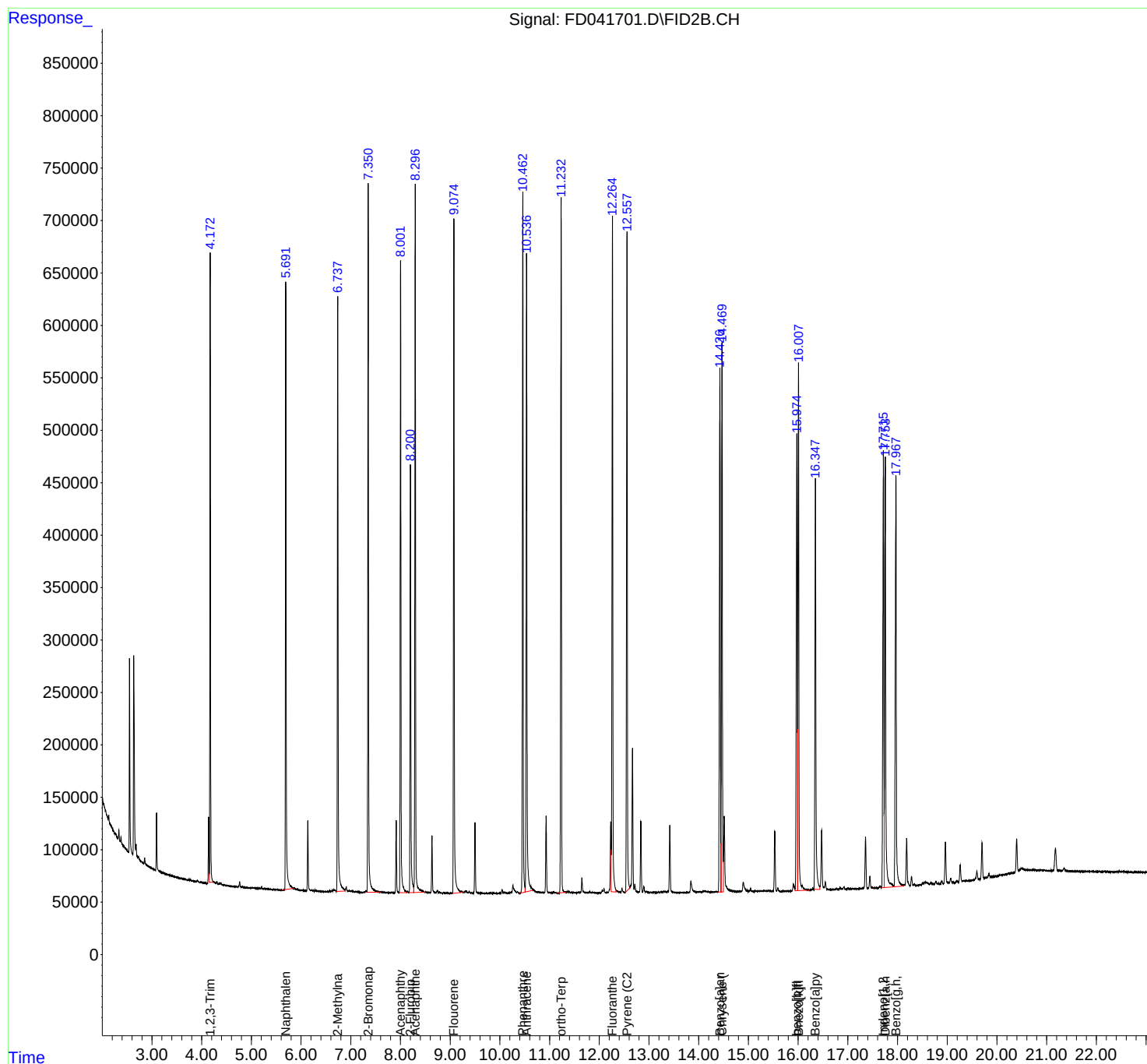
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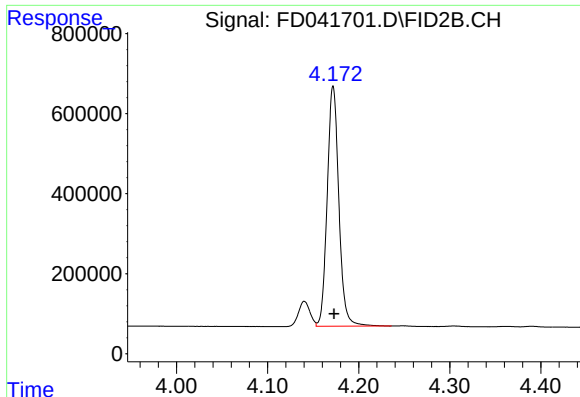
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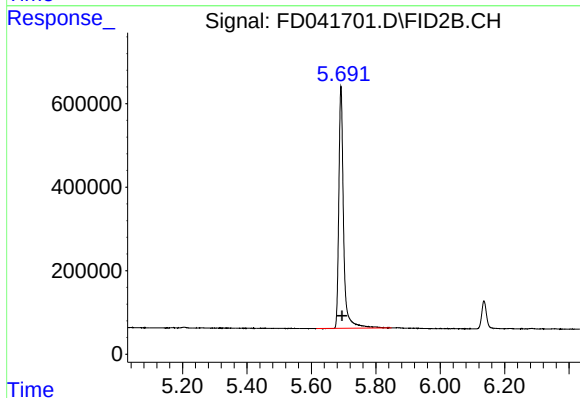
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.172 min
Delta R.T.: 0.000 min
Response: 5331776
Conc: 30.44 ug/ml

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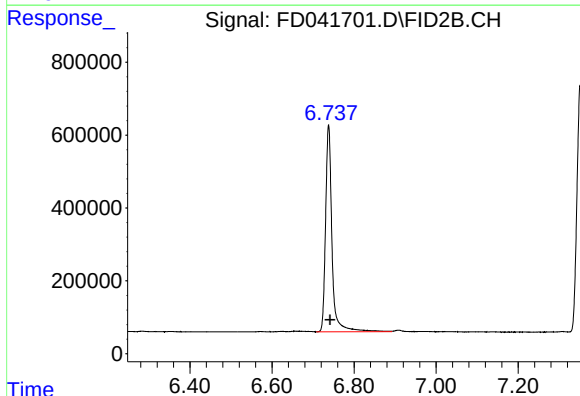
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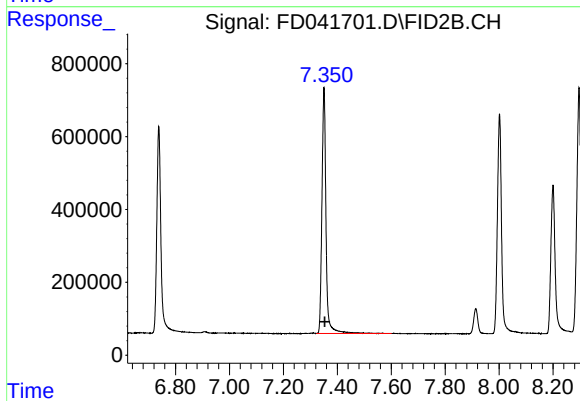
#2 Naphthalene (C11.7)

R.T.: 5.692 min
Delta R.T.: -0.004 min
Response: 5957144
Conc: 33.76 ug/ml



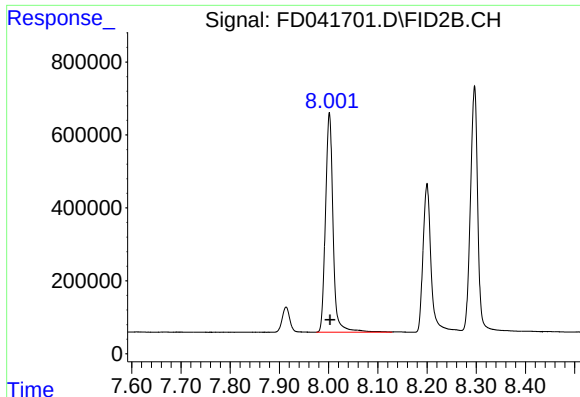
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.738 min
Delta R.T.: -0.004 min
Response: 6170146
Conc: 38.57 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.351 min
Delta R.T.: -0.002 min
Response: 7123264
Conc: 44.41 ug/ml



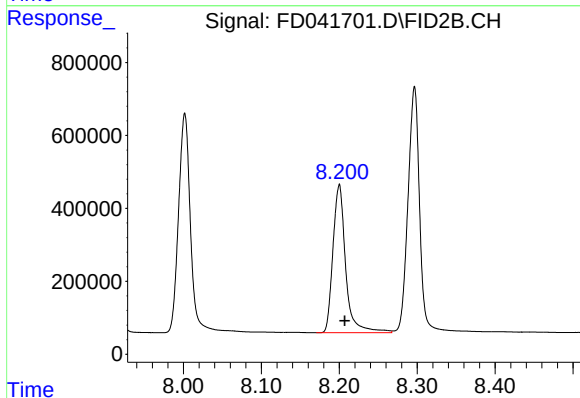
#5 Acenaphthylene (C15.06)

R.T.: 8.002 min
Delta R.T.: -0.001 min
Response: 6471687
Conc: 34.97 ug/ml

Instrument :
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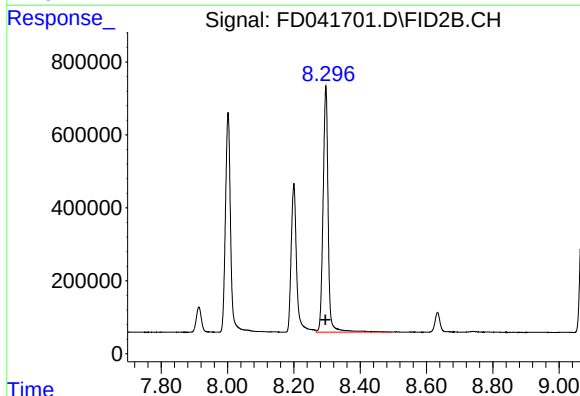
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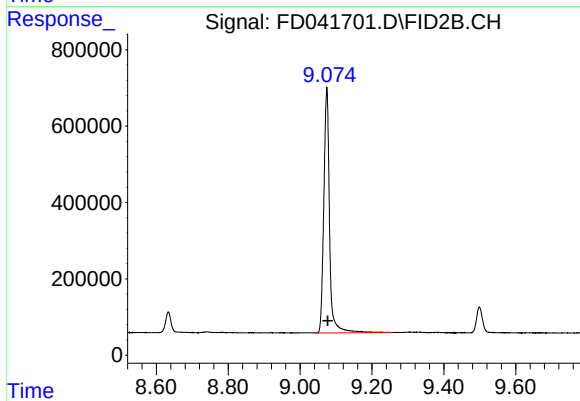
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.200 min
Delta R.T.: -0.007 min
Response: 4614744
Conc: 46.70 ug/ml



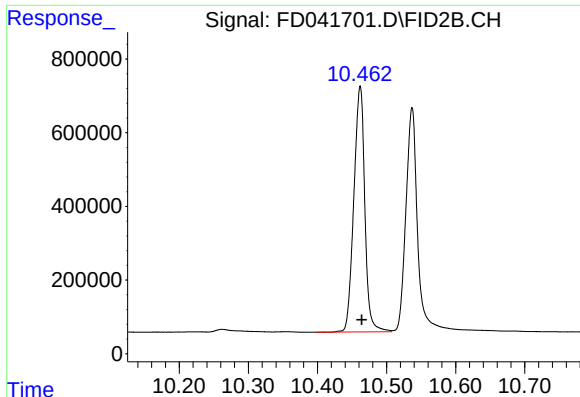
#7 Acenaphthene (C15.5)

R.T.: 8.296 min
Delta R.T.: 0.001 min
Response: 7163734
Conc: 37.32 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.074 min
Delta R.T.: -0.003 min
Response: 7107946
Conc: 40.29 ug/ml



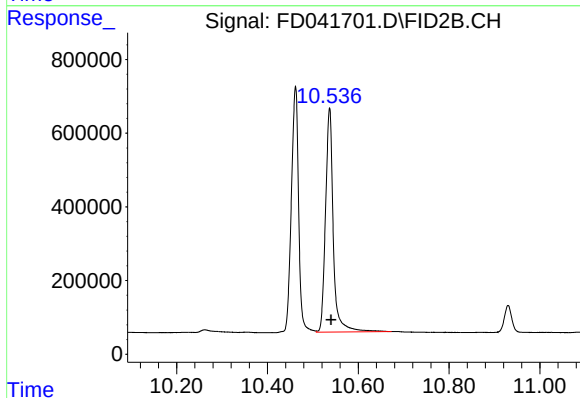
#9 Phenanthrene (C19.36)

R.T.: 10.461 min
Delta R.T.: -0.003 min
Response: 7368600
Conc: 42.24 ug/ml

Instrument :
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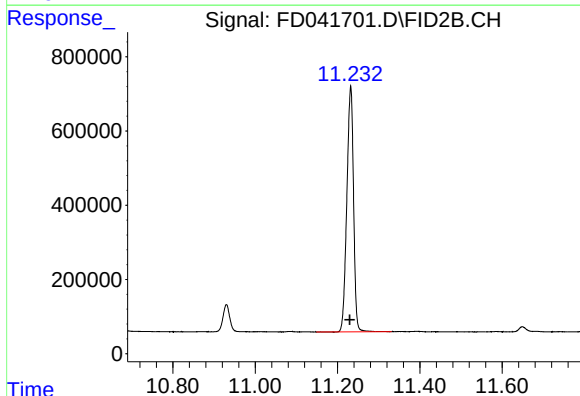
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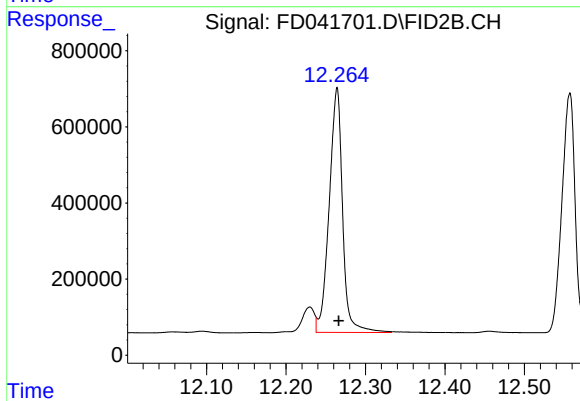
#10 Anthracene (C19.43)

R.T.: 10.537 min
Delta R.T.: -0.004 min
Response: 7238043
Conc: 39.77 ug/ml



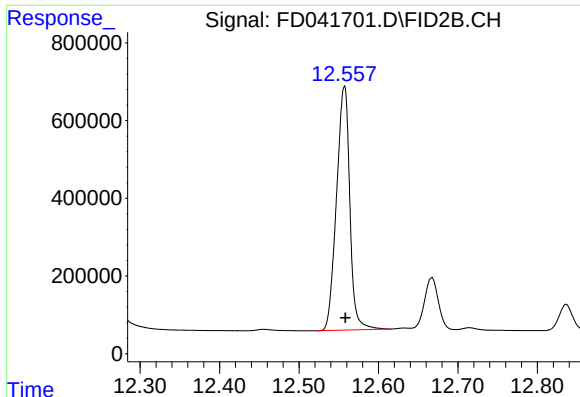
#11 ortho-Terphenyl (SURR)

R.T.: 11.231 min
Delta R.T.: 0.001 min
Response: 7460560
Conc: 38.38 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.264 min
Delta R.T.: -0.002 min
Response: 7539229
Conc: 42.71 ug/ml m



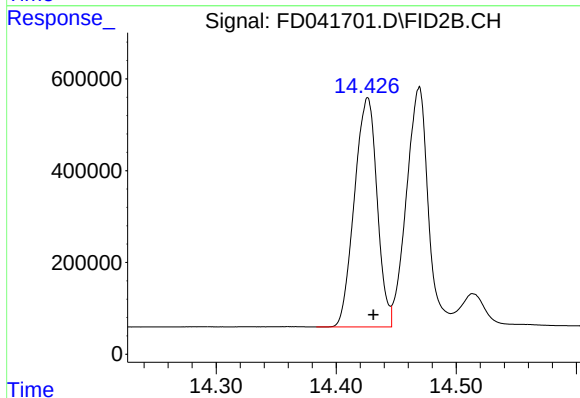
#13 Pyrene (C20.8)

R.T.: 12.556 min
Delta R.T.: -0.003 min
Response: 7316586
Conc: 43.28 ug/ml

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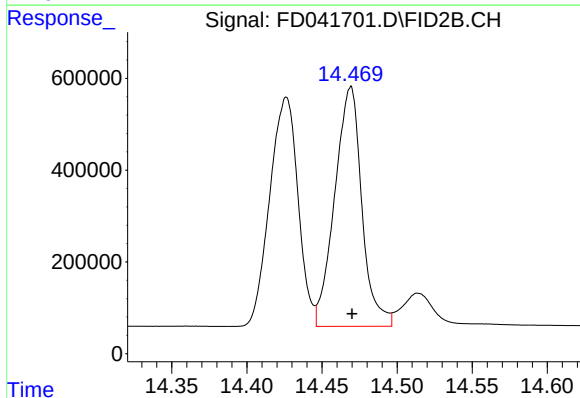
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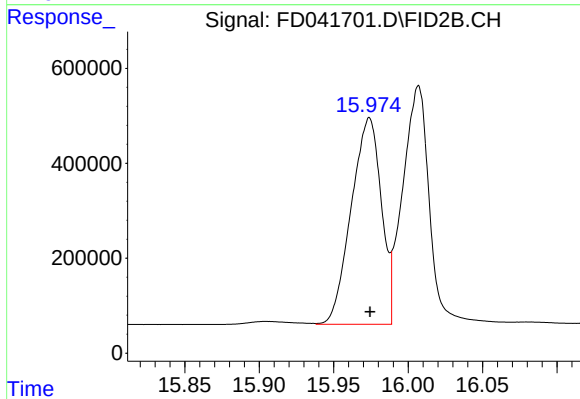
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.425 min
Delta R.T.: -0.006 min
Response: 6553428
Conc: 43.83 ug/ml



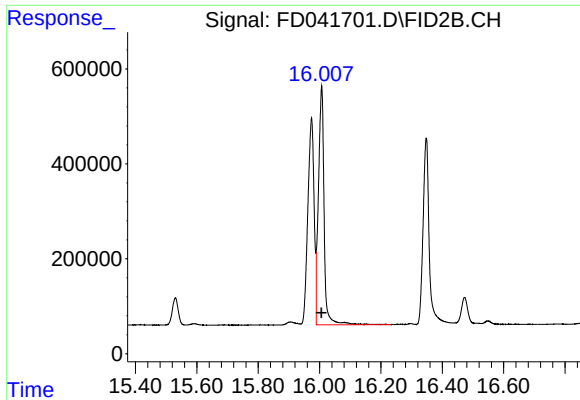
#15 Chrysene (C27.41)

R.T.: 14.468 min
Delta R.T.: -0.002 min
Response: 6563847
Conc: 36.47 ug/ml



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

R.T.: 15.973 min
Delta R.T.: -0.002 min
Response: 6120136
Conc: 41.27 ug/ml



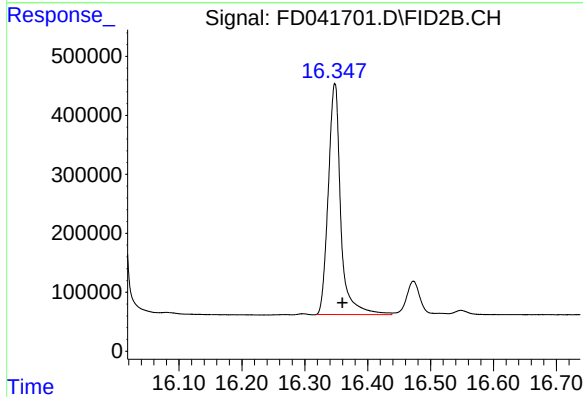
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.005 min
Delta R.T.: 0.000 min
Response: 6457352
Conc: 39.08 ug/ml

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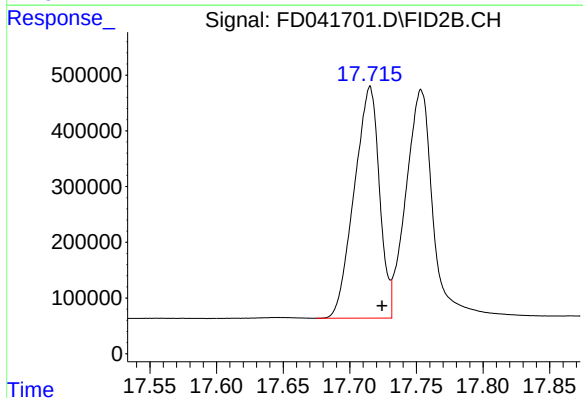
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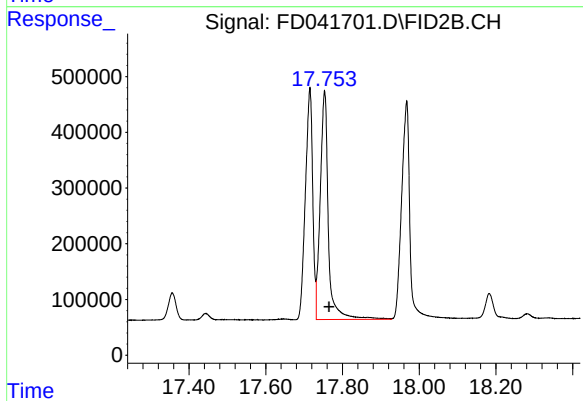
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.347 min
Delta R.T.: -0.013 min
Response: 5406821
Conc: 38.44 ug/ml



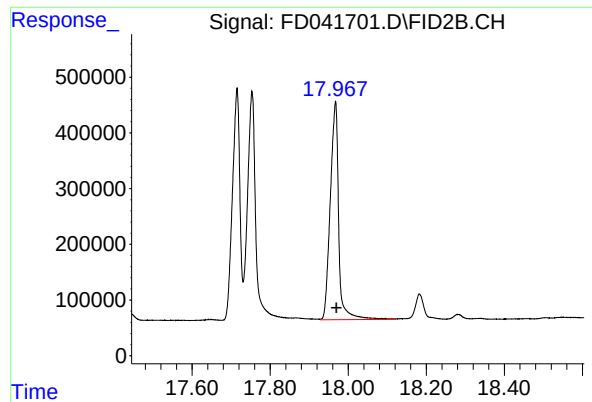
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.714 min
Delta R.T.: -0.011 min
Response: 5474657
Conc: 49.71 ug/ml



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

R.T.: 17.752 min
Delta R.T.: -0.013 min
Response: 6049194
Conc: 41.78 ug/ml



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

R.T.: 17.965 min
Delta R.T.: -0.004 min
Response: 5856500
Conc: 44.13 ug/ml

Instrument :

FID_D

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