

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032922AR\
 Data File : FD041782.D
 Signal(s) : FID2B.CH
 Acq On : 29 Mar 2022 16:57
 Operator : UA/NP
 Sample : PB143706BSD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB143706BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/30/2022
 Supervised By :mohammad ahmed 03/30/2022

Integration File: autoint1.e
 Quant Time: Mar 30 02:20:59 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...	7.348	5102915	31.816 ug/ml
Spiked Amount 50.000		Recovery =	63.63%
6) S 2-Fluorobiphenyl (SURR)	8.197	3257795	32.968 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	65.94%
11) S ortho-Terphenyl (SURR)	11.227	5156058	26.523 ug/ml
Spiked Amount 50.000		Recovery =	53.05%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.168	3828183	21.856 ug/ml
2) T Naphthalene (C11.7)	5.690	4339191	24.593 ug/ml
3) T 2-Methylnaphthalene (...)	6.736	4295893	26.851 ug/ml
5) T Acenaphthylene (C15.06)	7.998	4610567	24.914 ug/ml
7) T Acenaphthene (C15.5)	8.292	5235229	27.271 ug/ml
8) T Flouorene (C16.55)	9.070	4969401	28.168 ug/ml
9) T Phenanthrene (C19.36)	10.457	5143724	29.489 ug/ml
10) T Anthracene (C19.43)	10.532	5220413	28.682 ug/ml
12) T Fluoranthene (C21.85)	12.258	5235756	29.658 ug/mlm
13) T Pyrene (C20.8)	12.551	5120225	30.285 ug/ml
14) T Benzo[a]anthracene (C...	14.422	4635638	31.002 ug/ml
15) T Chrysene (C27.41)	14.463	4531328	25.175 ug/ml
16) T benzo[b]fluoranthene ...	15.971	4750926	32.038 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.002	4726417	28.603 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.345	4246995	30.194 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.713	4413204	40.068 ug/mlm
20) T Dibenz[a,h]anthracene...	17.750	4688513	32.385 ug/ml
21) T Benzo[g,h,i]perylene ...	17.962	4668742	35.178 ug/ml

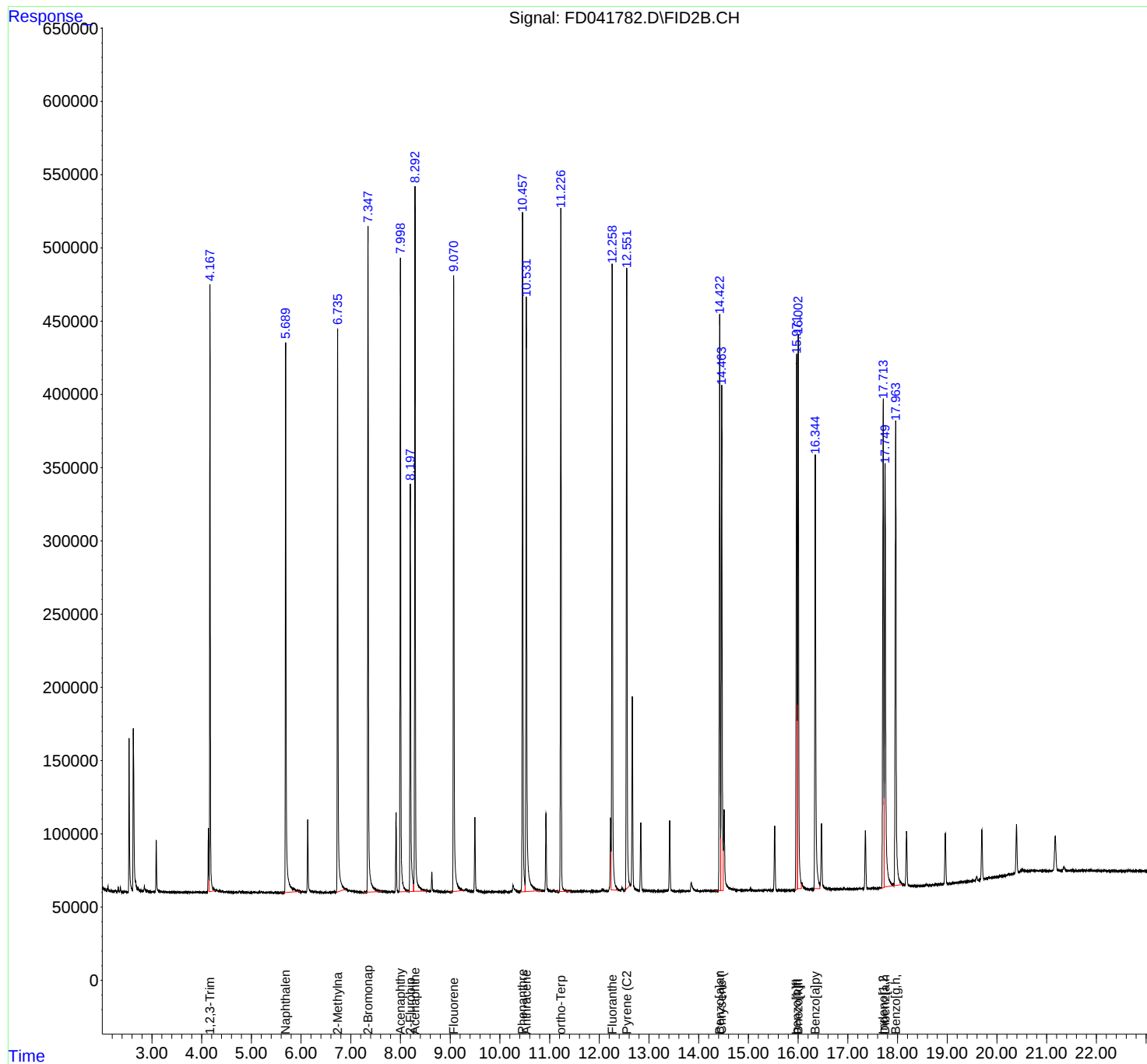
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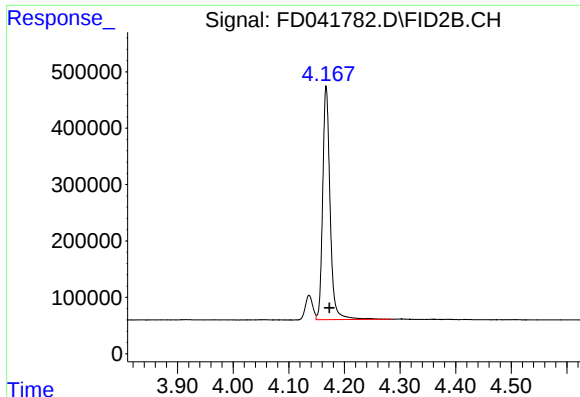
(m)=manual int.

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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032222.M
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.168 min
Delta R.T.: -0.005 min
Response: 3828183
Conc: 21.86 ug/ml

Instrument :

FID_D

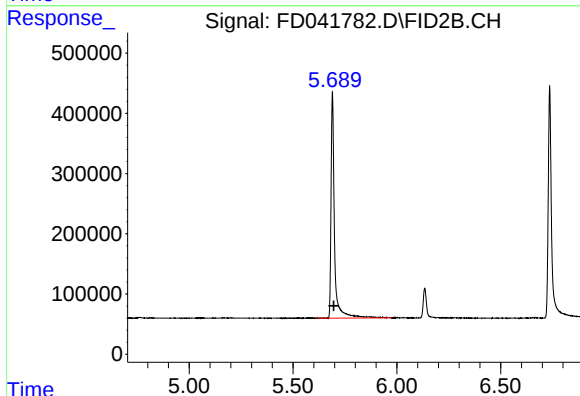
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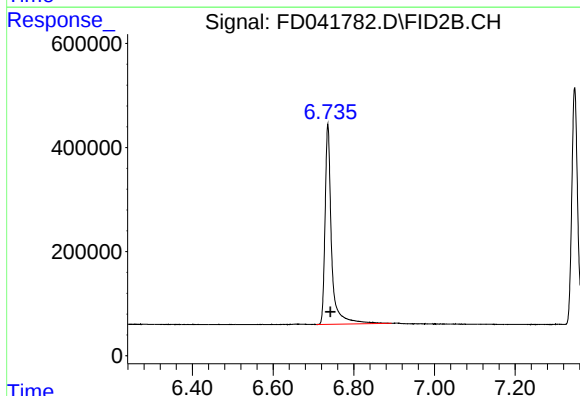
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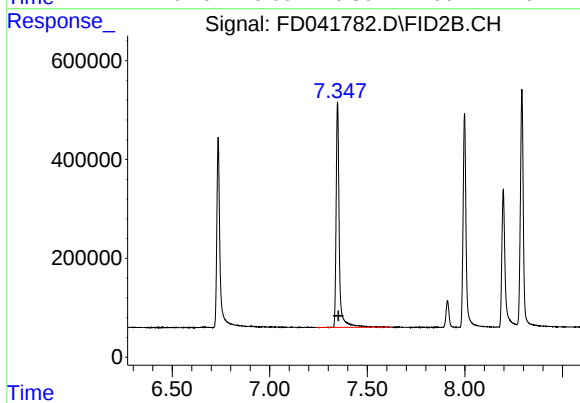
#2 Naphthalene (C11.7)

R.T.: 5.690 min
Delta R.T.: -0.006 min
Response: 4339191
Conc: 24.59 ug/ml



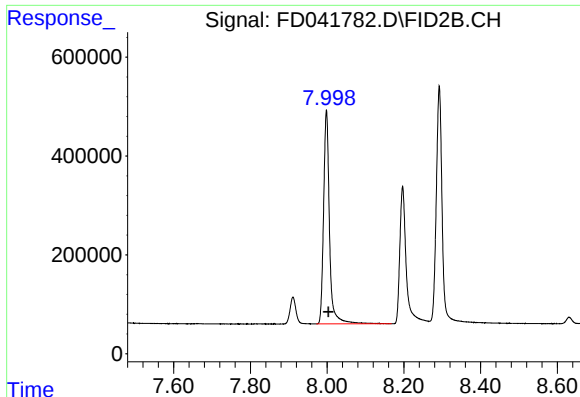
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.736 min
Delta R.T.: -0.006 min
Response: 4295893
Conc: 26.85 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.348 min
Delta R.T.: -0.005 min
Response: 5102915
Conc: 31.82 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 7.998 min
Delta R.T.: -0.005 min
Response: 4610567
Conc: 24.91 ug/ml

Instrument :

FID_D

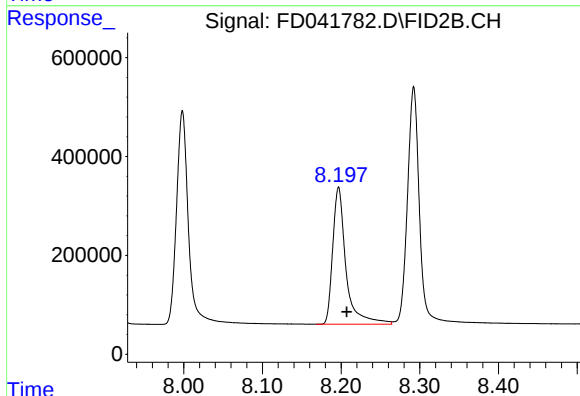
ClientSampleId :

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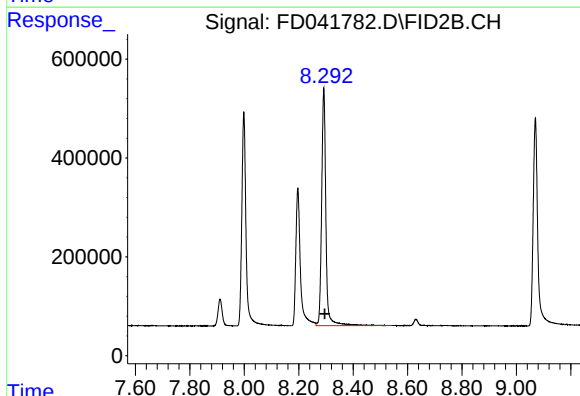
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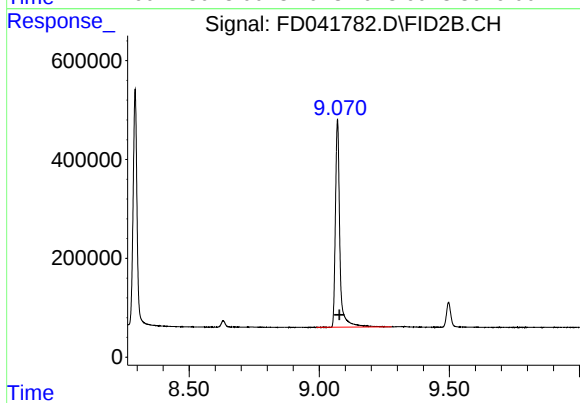
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.197 min
Delta R.T.: -0.010 min
Response: 3257795
Conc: 32.97 ug/ml



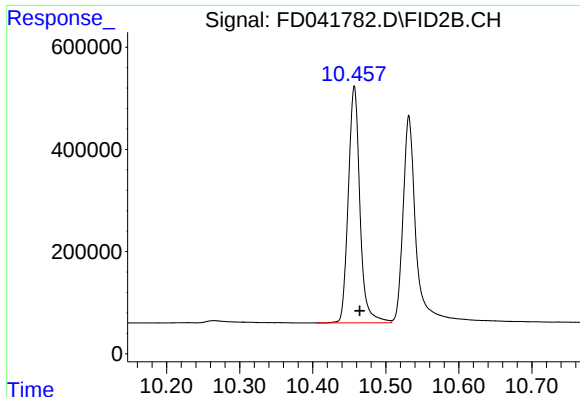
#7 Acenaphthene (C15.5)

R.T.: 8.292 min
Delta R.T.: -0.003 min
Response: 5235229
Conc: 27.27 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.070 min
Delta R.T.: -0.007 min
Response: 4969401
Conc: 28.17 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.457 min
Delta R.T.: -0.007 min
Response: 5143724
Conc: 29.49 ug/ml

Instrument :

FID_D

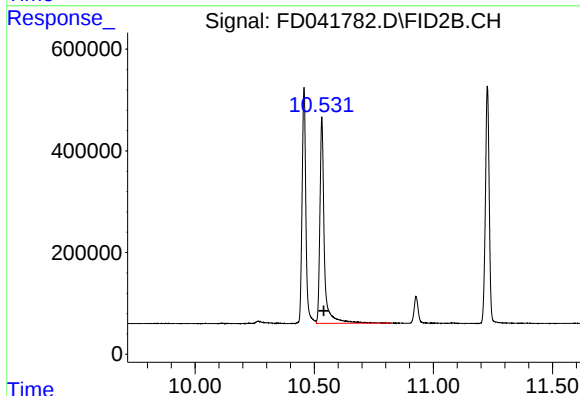
ClientSampleId :

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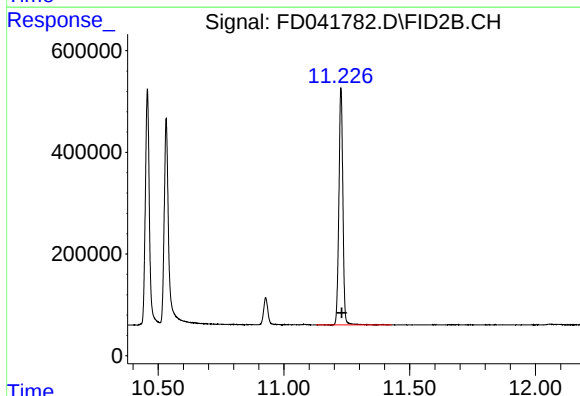
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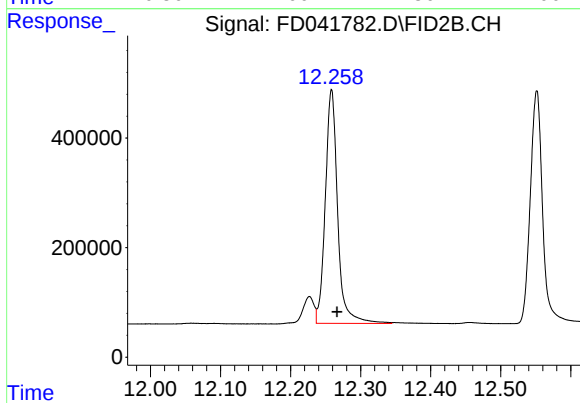
#10 Anthracene (C19.43)

R.T.: 10.532 min
Delta R.T.: -0.009 min
Response: 5220413
Conc: 28.68 ug/ml



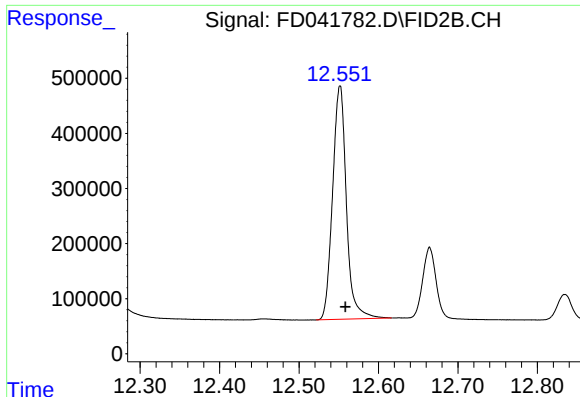
#11 ortho-Terphenyl (SURR)

R.T.: 11.227 min
Delta R.T.: -0.003 min
Response: 5156058
Conc: 26.52 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.258 min
Delta R.T.: -0.008 min
Response: 5235756
Conc: 29.66 ug/ml m



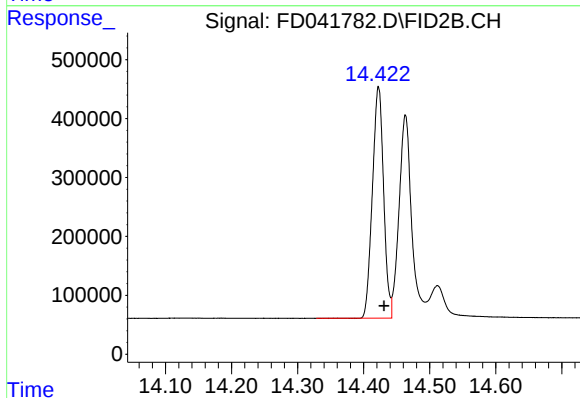
#13 Pyrene (C20.8)

R.T.: 12.551 min
Delta R.T.: -0.007 min
Response: 5120225
Conc: 30.29 ug/ml

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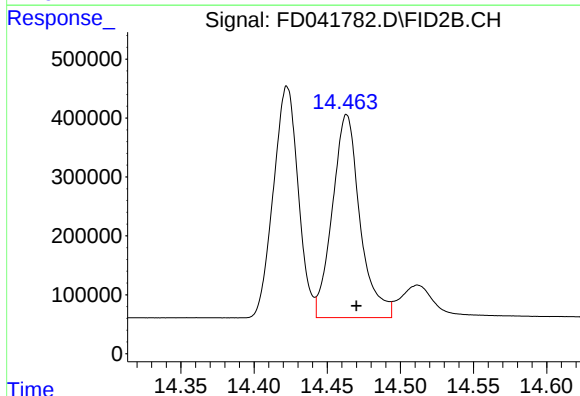
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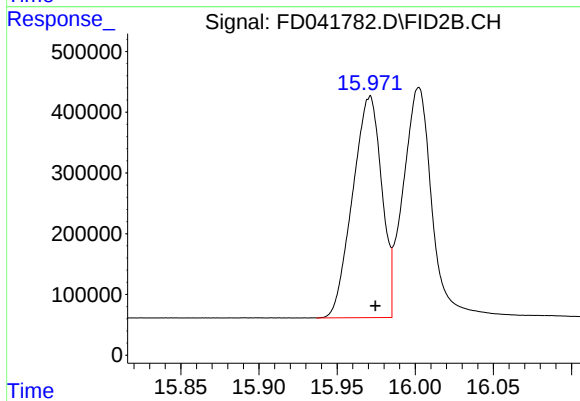
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.422 min
Delta R.T.: -0.009 min
Response: 4635638
Conc: 31.00 ug/ml



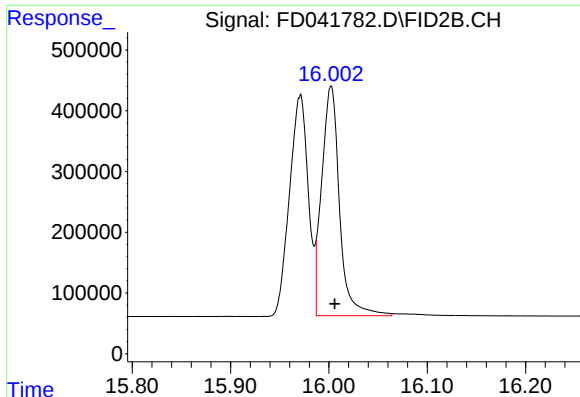
#15 Chrysene (C27.41)

R.T.: 14.463 min
Delta R.T.: -0.007 min
Response: 4531328
Conc: 25.17 ug/ml



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

R.T.: 15.971 min
Delta R.T.: -0.003 min
Response: 4750926
Conc: 32.04 ug/ml m



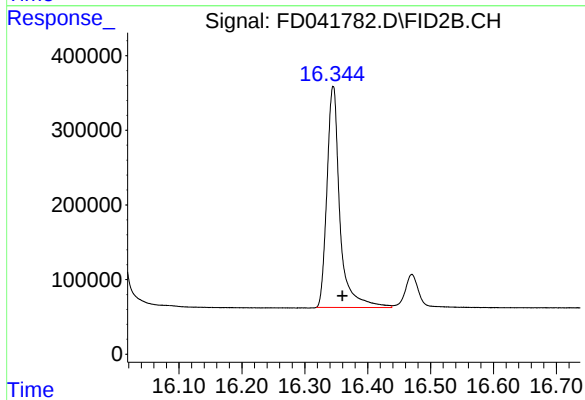
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.002 min
Delta R.T.: -0.004 min
Response: 4726417
Conc: 28.60 ug/ml

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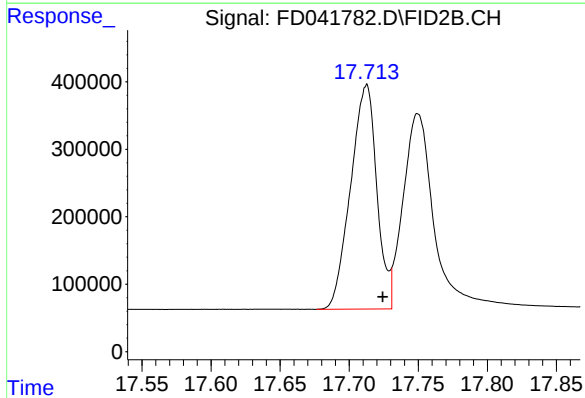
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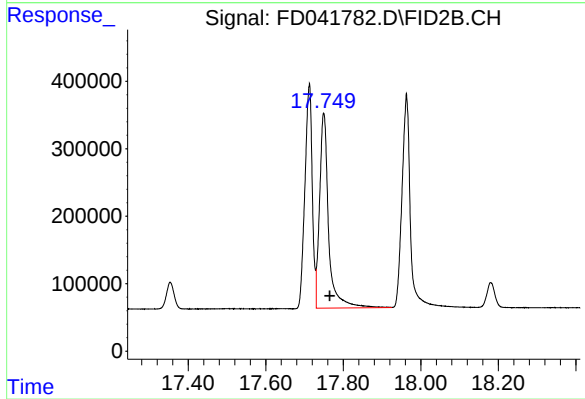
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.345 min
Delta R.T.: -0.015 min
Response: 4246995
Conc: 30.19 ug/ml



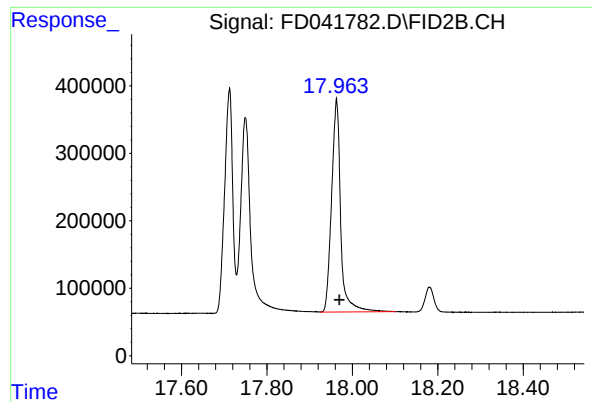
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.713 min
Delta R.T.: -0.012 min
Response: 4413204
Conc: 40.07 ug/ml m



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

R.T.: 17.750 min
Delta R.T.: -0.016 min
Response: 4688513
Conc: 32.39 ug/ml



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

R.T.: 17.962 min
Delta R.T.: -0.007 min
Response: 4668742
Conc: 35.18 ug/ml

Instrument :

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