

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031422AR\
 Data File : FD041532.D
 Signal(s) : FID2B.CH
 Acq On : 14 Mar 2022 18:04
 Operator : UA/NP
 Sample : PB143310BS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB143310BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/15/2022
 Supervised By :Ankita Jodhani 03/15/2022

Integration File: sample.E
 Quant Time: Mar 15 02:17:29 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:10:31 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...	7.361	6977344	43.183 ug/ml
Spiked Amount 50.000		Recovery =	86.37%
6) S 2-Fluorobiphenyl (SURR)	8.211	4533356	43.550 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	87.10%
11) S ortho-Terphenyl (SURR)	11.244	6228093	35.507 ug/ml
Spiked Amount 50.000		Recovery =	71.01%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.182	5510981	31.444 ug/ml
2) T Naphthalene (C11.7)	5.704	6202477	34.007 ug/ml
3) T 2-Methylnaphthalene (...)	6.750	6421517	35.479 ug/ml
5) T Acenaphthylene (C15.06)	8.014	6259856	35.016 ug/ml
7) T Acenaphthene (C15.5)	8.309	6746116	35.292 ug/ml
8) T Flouorene (C16.55)	9.086	6476920	37.824 ug/ml
9) T Phenanthrene (C19.36)	10.473	6262454	38.118 ug/ml
10) T Anthracene (C19.43)	10.548	6066508	37.934 ug/ml
12) T Fluoranthene (C21.85)	12.276	6143413	36.565 ug/ml
13) T Pyrene (C20.8)	12.570	5903753	35.214 ug/ml
14) T Benzo[a]anthracene (C...	14.440	5559493	38.310 ug/ml
15) T Chrysene (C27.41)	14.483	5535234	33.613 ug/ml
16) T benzo[b]fluoranthene ...	15.988	5727596	41.966 ug/ml
17) T Bnezo[k]fluoranthene ...	16.022	5753604	38.989 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.363	5172423	39.337 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.730	5248891	41.871 ug/mlm
20) T Dibenz[a,h]anthracene...	17.769	5358533	37.909 ug/ml
21) T Benzo[g,h,i]perylene ...	17.984	5526686	42.685 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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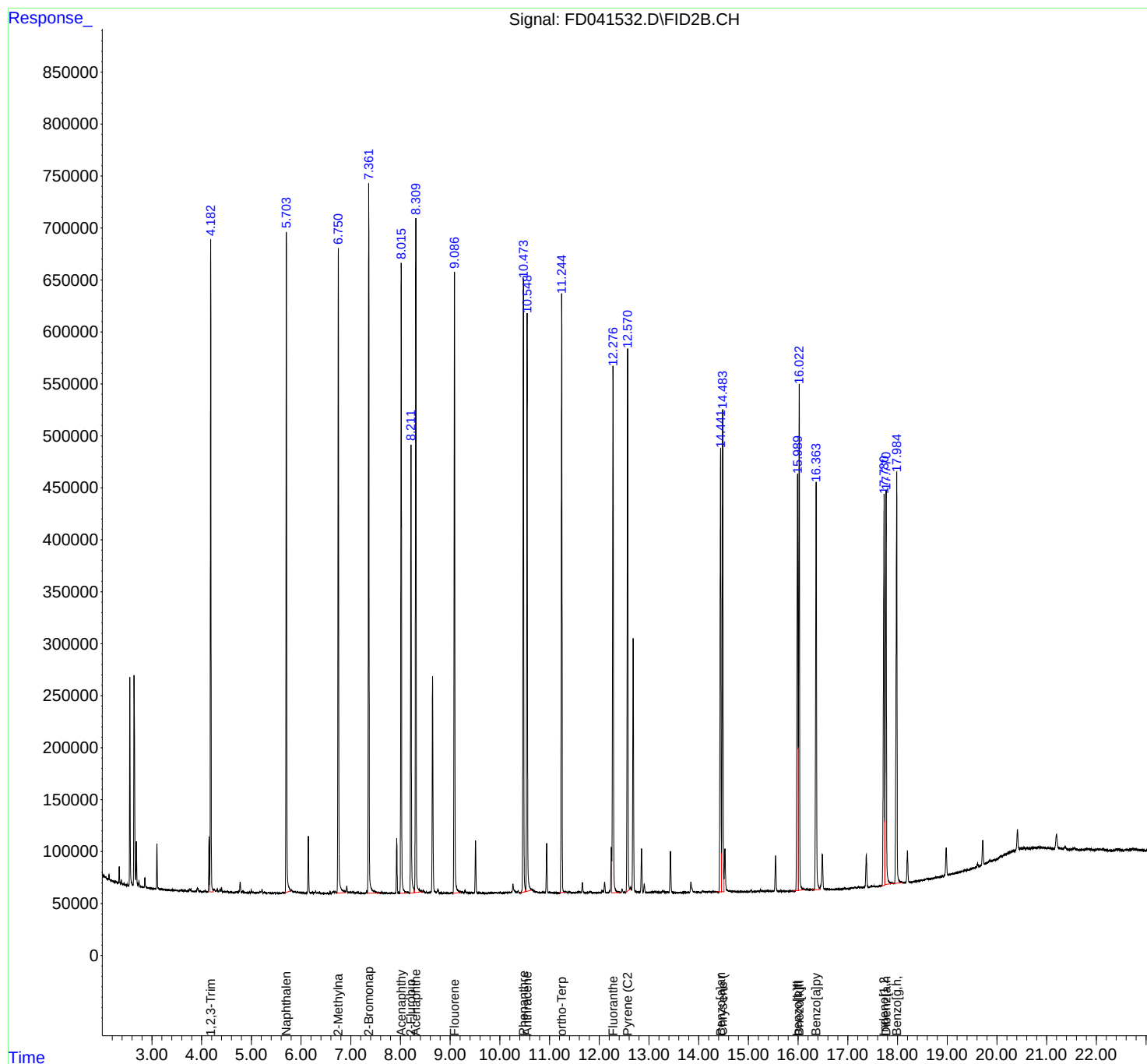
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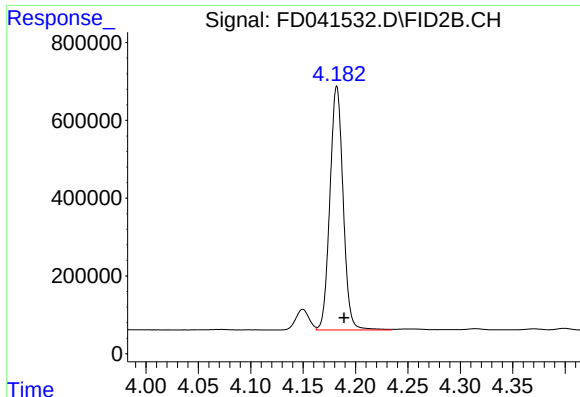
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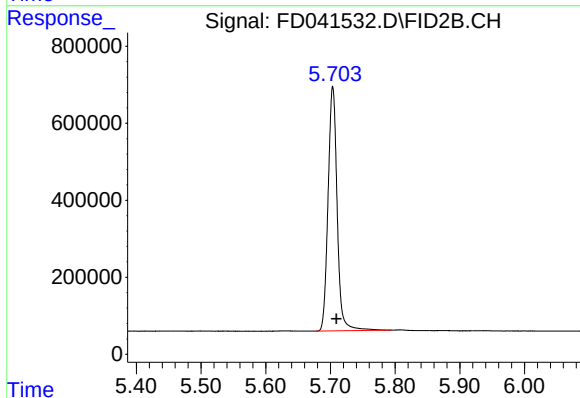
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.182 min
Delta R.T.: -0.007 min
Response: 5510981
Conc: 31.44 ug/ml

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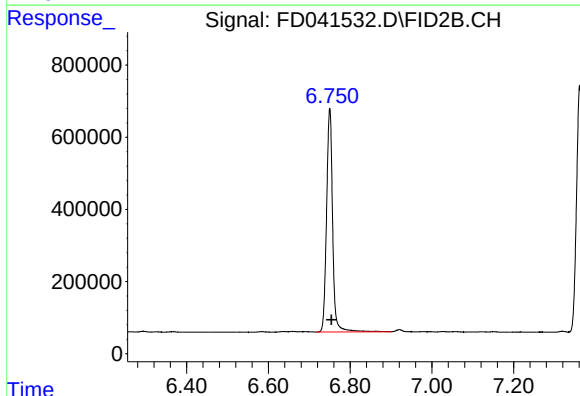
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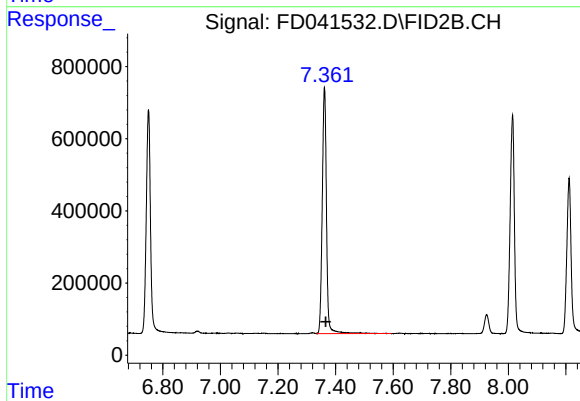
#2 Naphthalene (C11.7)

R.T.: 5.704 min
Delta R.T.: -0.006 min
Response: 6202477
Conc: 34.01 ug/ml



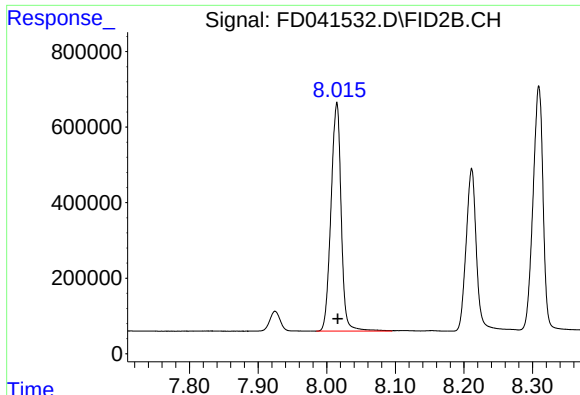
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.750 min
Delta R.T.: -0.004 min
Response: 6421517
Conc: 35.48 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.361 min
Delta R.T.: -0.005 min
Response: 6977344
Conc: 43.18 ug/ml



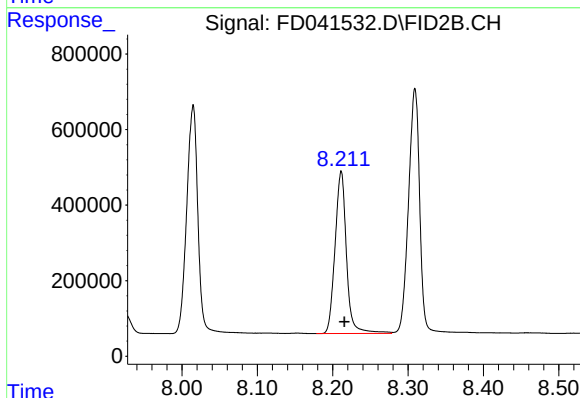
#5 Acenaphthylene (C15.06)

R.T.: 8.014 min
Delta R.T.: -0.002 min
Response: 6259856
Conc: 35.02 ug/ml

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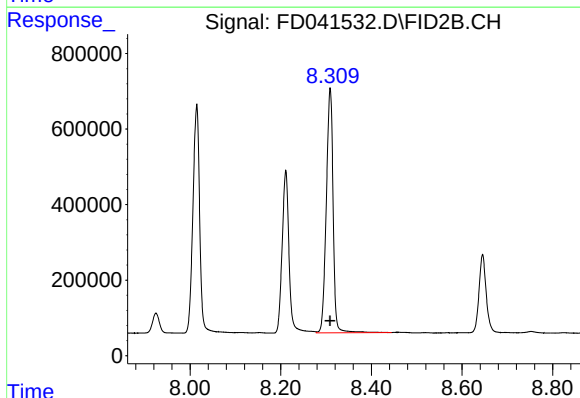
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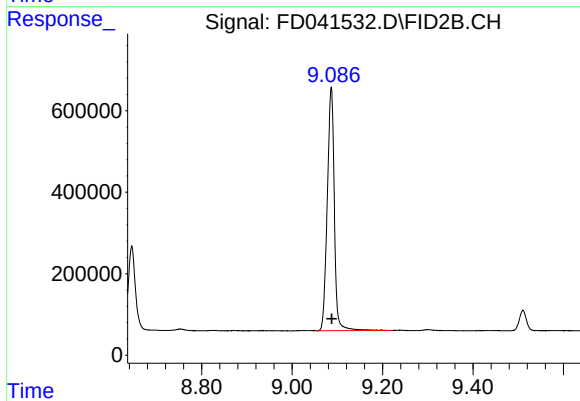
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.211 min
Delta R.T.: -0.004 min
Response: 4533356
Conc: 43.55 ug/ml



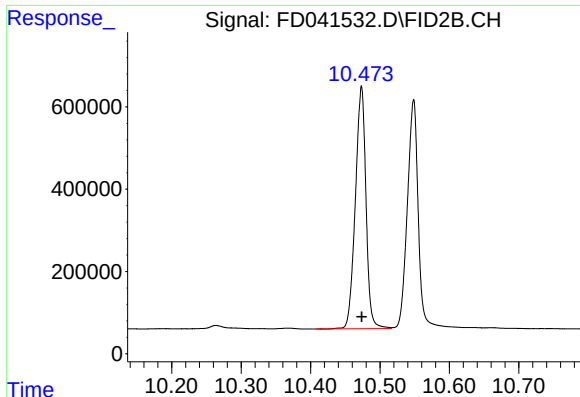
#7 Acenaphthene (C15.5)

R.T.: 8.309 min
Delta R.T.: 0.000 min
Response: 6746116
Conc: 35.29 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.086 min
Delta R.T.: -0.001 min
Response: 6476920
Conc: 37.82 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.473 min
Delta R.T.: 0.000 min
Response: 6262454
Conc: 38.12 ug/ml

Instrument :

FID_D

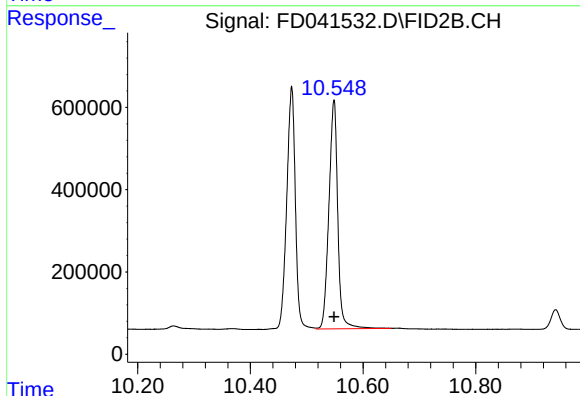
ClientSampleId :

PB143310BS

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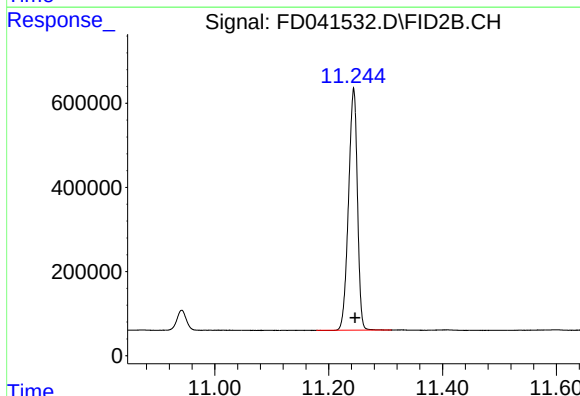
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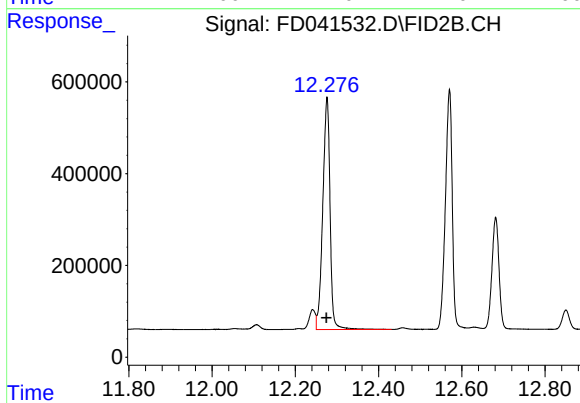
#10 Anthracene (C19.43)

R.T.: 10.548 min
Delta R.T.: 0.000 min
Response: 6066508
Conc: 37.93 ug/ml



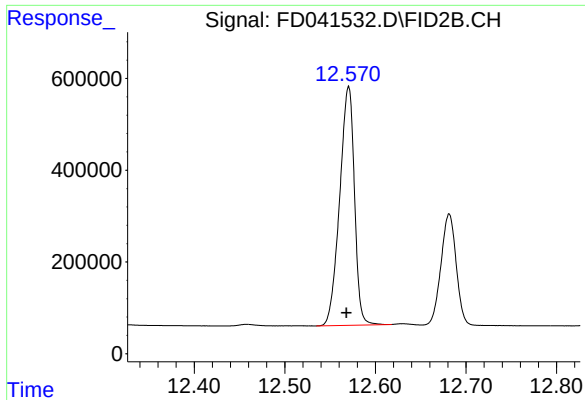
#11 ortho-Terphenyl (SURR)

R.T.: 11.244 min
Delta R.T.: -0.003 min
Response: 6228093
Conc: 35.51 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.276 min
Delta R.T.: 0.001 min
Response: 6143413
Conc: 36.56 ug/ml



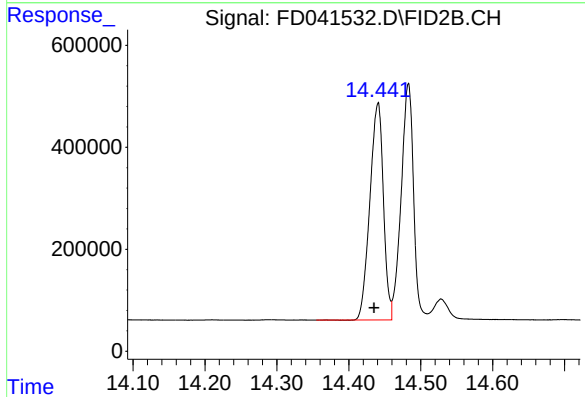
#13 Pyrene (C20.8)

R.T.: 12.570 min
Delta R.T.: 0.002 min
Response: 5903753
Conc: 35.21 ug/ml

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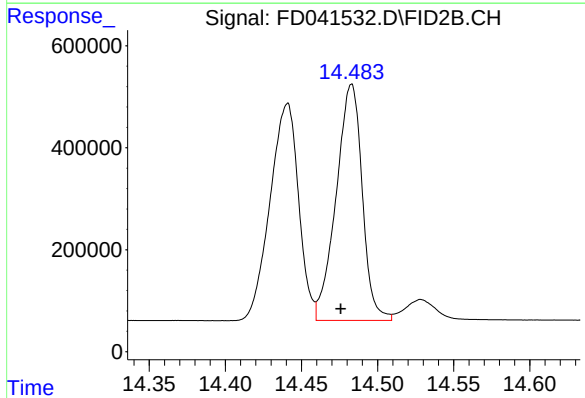
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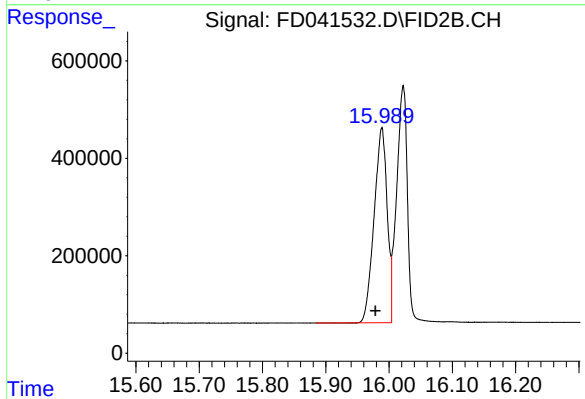
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.440 min
Delta R.T.: 0.005 min
Response: 5559493
Conc: 38.31 ug/ml



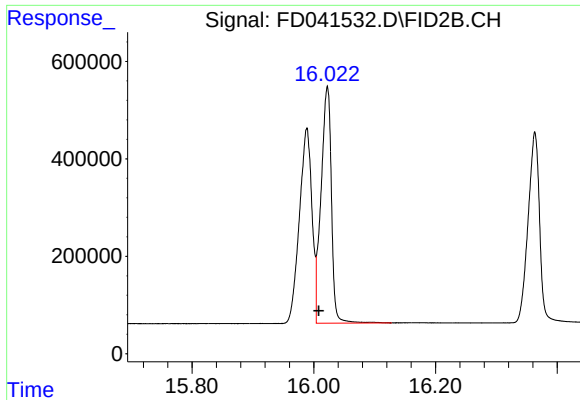
#15 Chrysene (C27.41)

R.T.: 14.483 min
Delta R.T.: 0.007 min
Response: 5535234
Conc: 33.61 ug/ml



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

R.T.: 15.988 min
Delta R.T.: 0.010 min
Response: 5727596
Conc: 41.97 ug/ml



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

R.T.: 16.022 min
Delta R.T.: 0.013 min
Response: 5753604
Conc: 38.99 ug/ml

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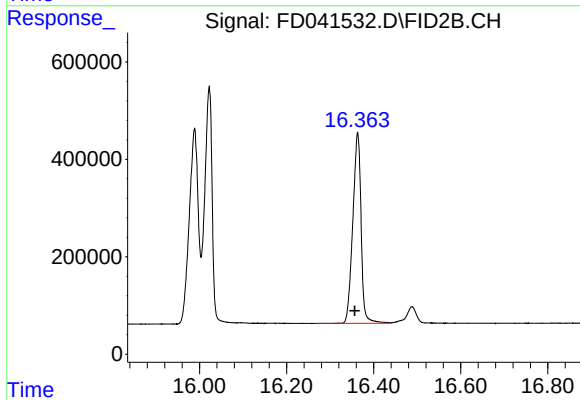
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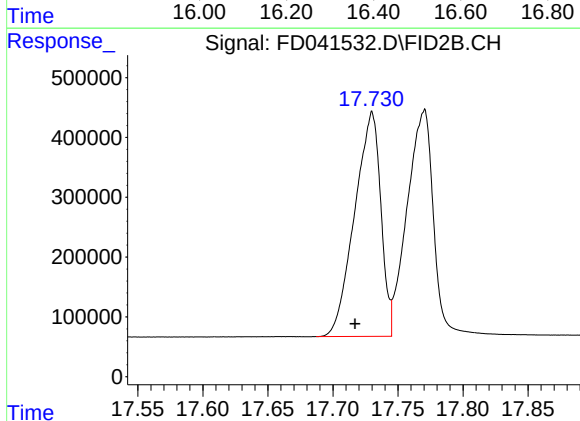
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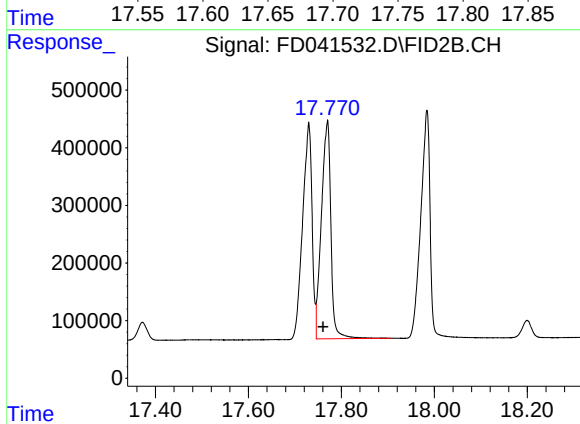
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.363 min
Delta R.T.: 0.007 min
Response: 5172423
Conc: 39.34 ug/ml



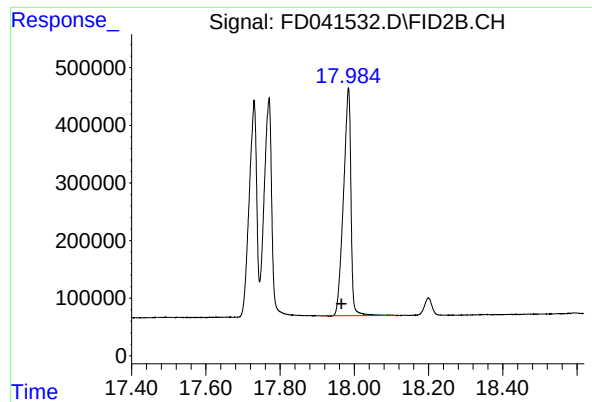
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.730 min
Delta R.T.: 0.013 min
Response: 5248891
Conc: 41.87 ug/ml m



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

R.T.: 17.769 min
Delta R.T.: 0.008 min
Response: 5358533
Conc: 37.91 ug/ml



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

R.T.: 17.984 min
Delta R.T.: 0.018 min
Response: 5526686
Conc: 42.69 ug/ml

Instrument :

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