

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032422AR\
 Data File : FD041694.D
 Signal(s) : FID2B.CH
 Acq On : 24 Mar 2022 14:35
 Operator : UA/NP
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

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 04:45:15 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...	7.349	3046772	18.996 ug/ml
Spiked Amount 50.000		Recovery =	37.99%
6) S 2-Fluorobiphenyl (SURR)	8.199	1914710	19.376 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.75%
11) S ortho-Terphenyl (SURR)	11.228	3693769	19.001 ug/ml
Spiked Amount 50.000		Recovery =	38.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.169	3331803	19.022 ug/ml
2) T Naphthalene (C11.7)	5.691	3391155	19.220 ug/ml
3) T 2-Methylnaphthalene (...)	6.737	3083846	19.275 ug/ml
5) T Acenaphthylene (C15.06)	7.999	3456864	18.680 ug/ml
7) T Acenaphthene (C15.5)	8.293	3615489	18.834 ug/ml
8) T Flouorene (C16.55)	9.071	3327530	18.861 ug/ml
9) T Phenanthrene (C19.36)	10.458	3317265	19.018 ug/ml
10) T Anthracene (C19.43)	10.533	3368987	18.510 ug/ml
12) T Fluoranthene (C21.85)	12.259	3284131	18.603 ug/ml
13) T Pyrene (C20.8)	12.552	3117606	18.440 ug/ml
14) T Benzo[a]anthracene (C...	14.423	2483385	16.608 ug/ml
15) T Chrysene (C27.41)	14.463	3062251	17.013 ug/ml
16) T benzo[b]fluoranthene ...	15.968	2358699	15.906 ug/mlm
17) T Bnezo[k]fluoranthene ...	15.998	2599133	15.729 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.346	2440710	17.352 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.710	1966278	17.852 ug/ml
20) T Dibenz[a,h]anthracene...	17.750	2717612	18.771 ug/ml
21) T Benzo[g,h,i]perylene ...	17.959	2488575	18.751 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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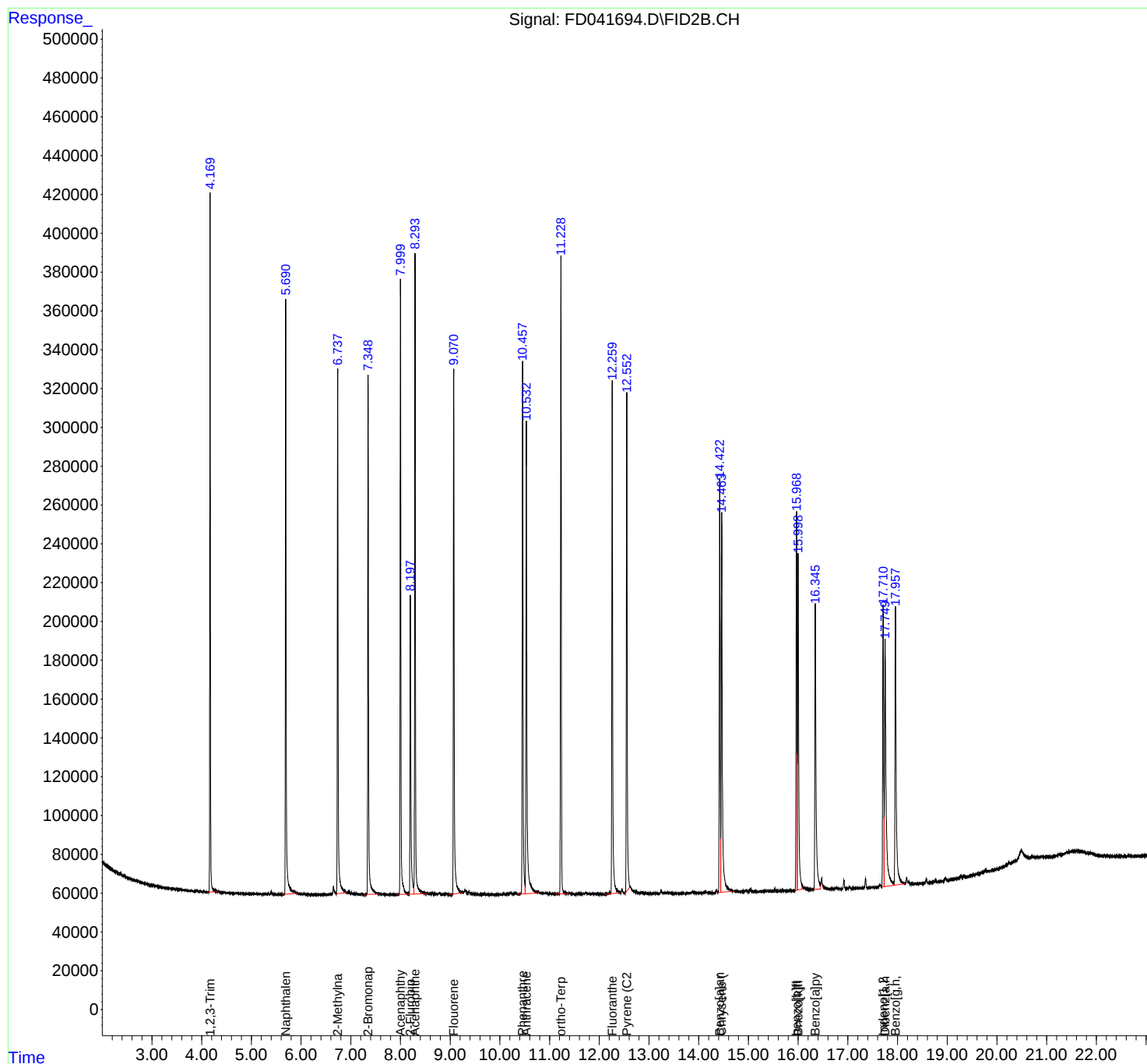
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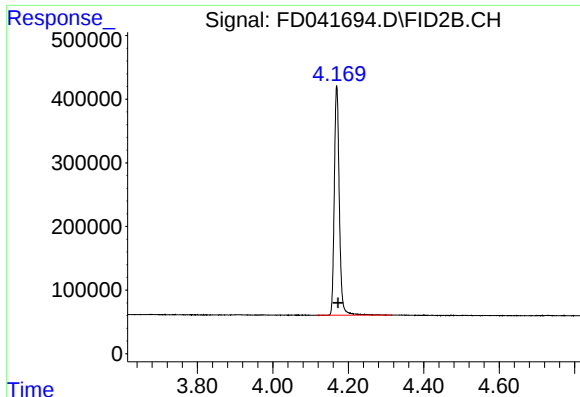
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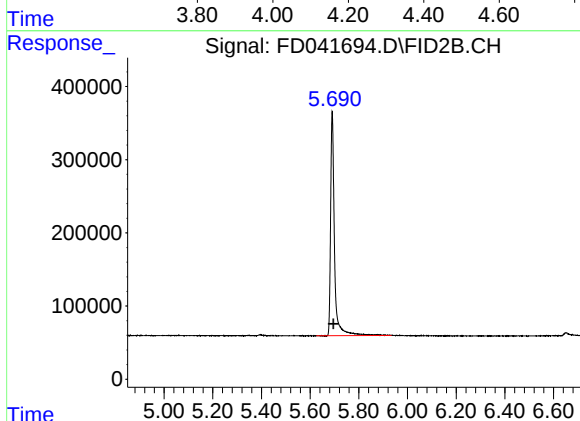
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.169 min
Delta R.T.: -0.004 min
Response: 3331803
Conc: 19.02 ug/ml

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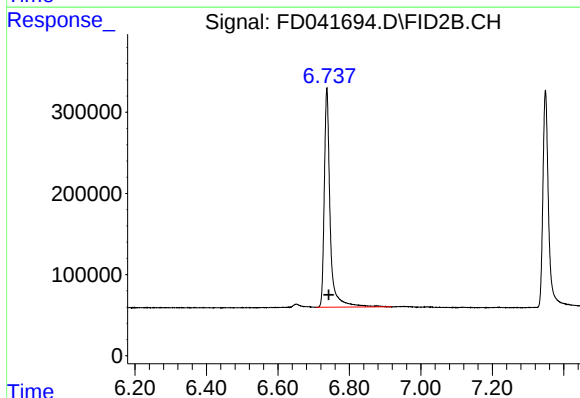
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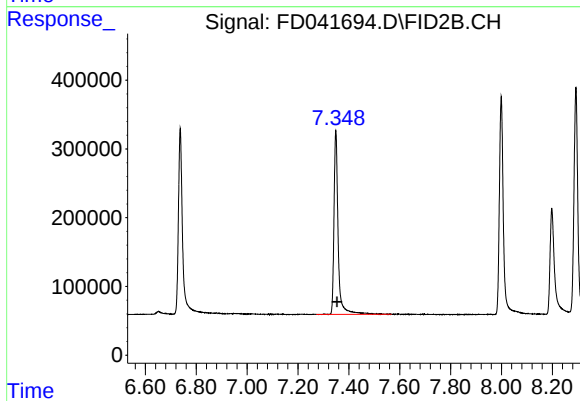
#2 Naphthalene (C11.7)

R.T.: 5.691 min
Delta R.T.: -0.005 min
Response: 3391155
Conc: 19.22 ug/ml



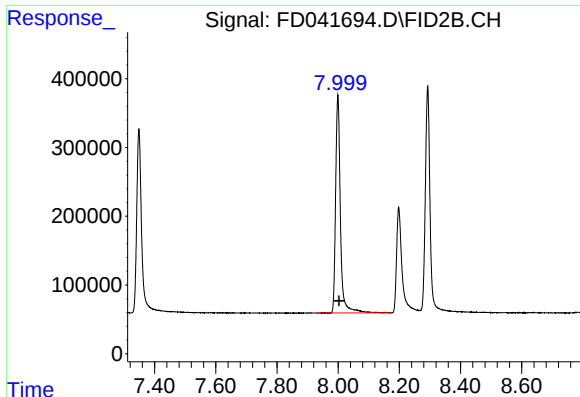
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.737 min
Delta R.T.: -0.005 min
Response: 3083846
Conc: 19.27 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.349 min
Delta R.T.: -0.004 min
Response: 3046772
Conc: 19.00 ug/ml



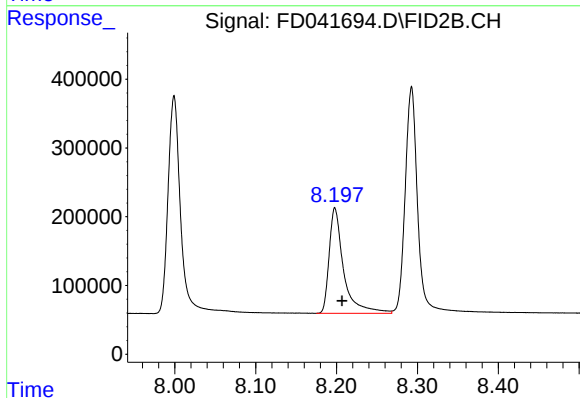
#5 Acenaphthylene (C15.06)

R.T.: 7.999 min
Delta R.T.: -0.004 min
Response: 3456864
Conc: 18.68 ug/ml

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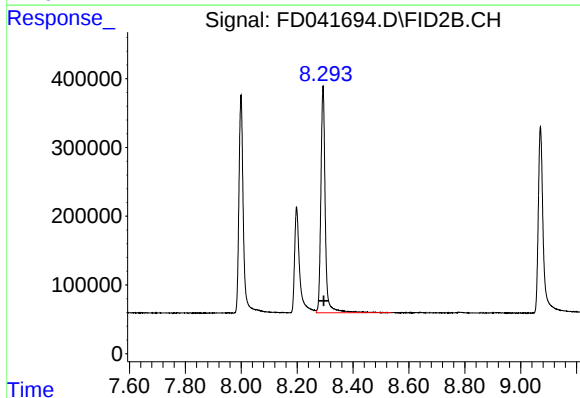
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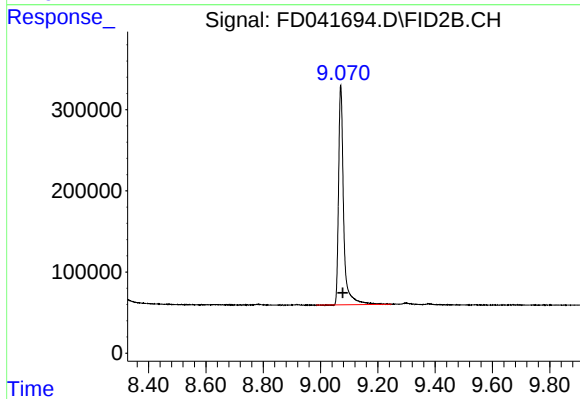
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.199 min
Delta R.T.: -0.008 min
Response: 1914710
Conc: 19.38 ug/ml



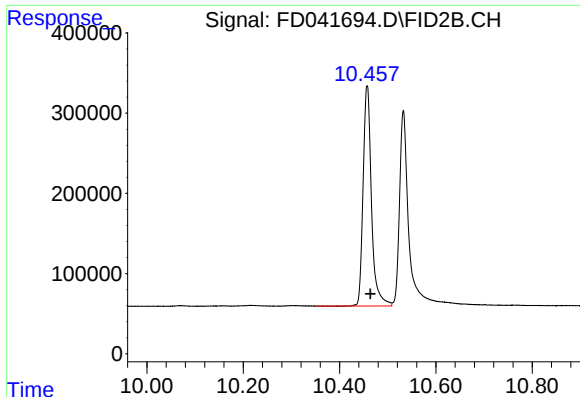
#7 Acenaphthene (C15.5)

R.T.: 8.293 min
Delta R.T.: -0.003 min
Response: 3615489
Conc: 18.83 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.071 min
Delta R.T.: -0.006 min
Response: 3327530
Conc: 18.86 ug/ml



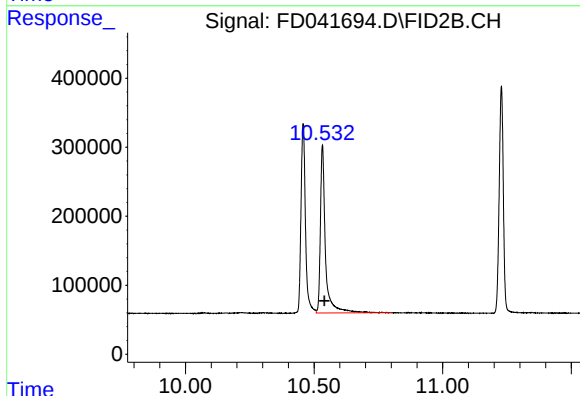
#9 Phenanthrene (C19.36)

R.T.: 10.458 min
Delta R.T.: -0.007 min
Response: 3317265
Conc: 19.02 ug/ml

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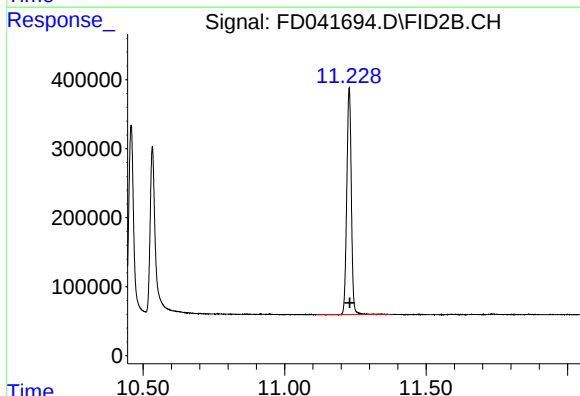
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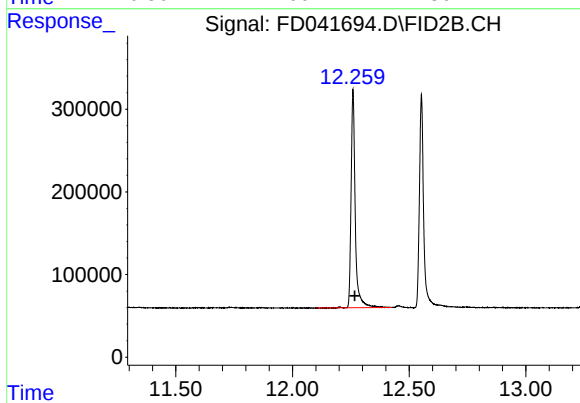
#10 Anthracene (C19.43)

R.T.: 10.533 min
Delta R.T.: -0.008 min
Response: 3368987
Conc: 18.51 ug/ml



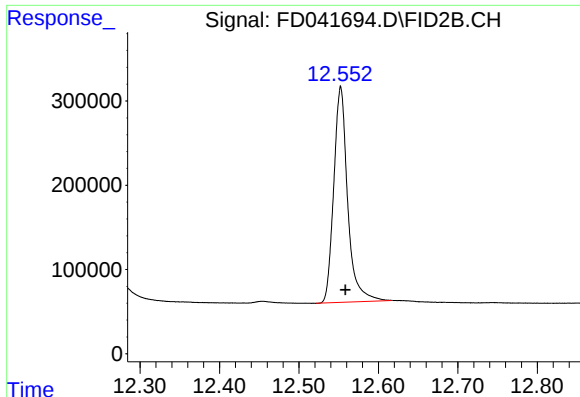
#11 ortho-Terphenyl (SURR)

R.T.: 11.228 min
Delta R.T.: -0.002 min
Response: 3693769
Conc: 19.00 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.259 min
Delta R.T.: -0.007 min
Response: 3284131
Conc: 18.60 ug/ml



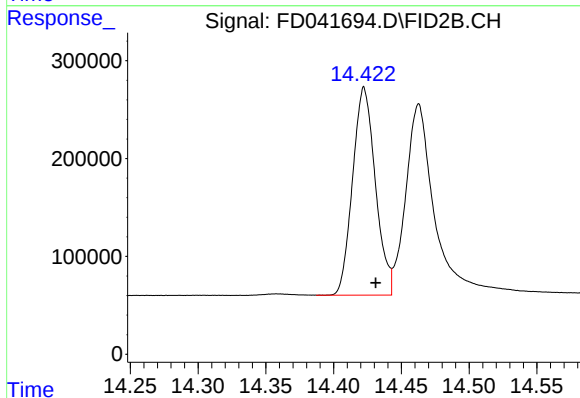
#13 Pyrene (C20.8)

R.T.: 12.552 min
Delta R.T.: -0.006 min
Response: 3117606
Conc: 18.44 ug/ml

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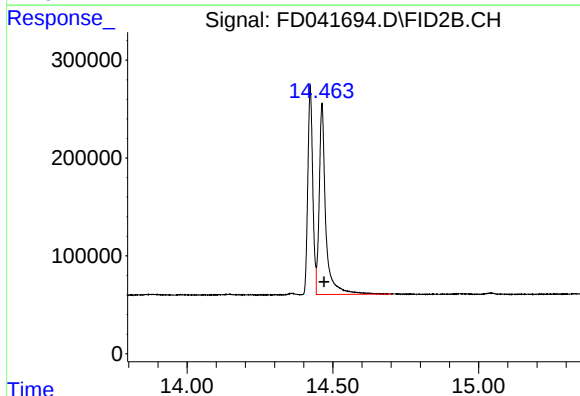
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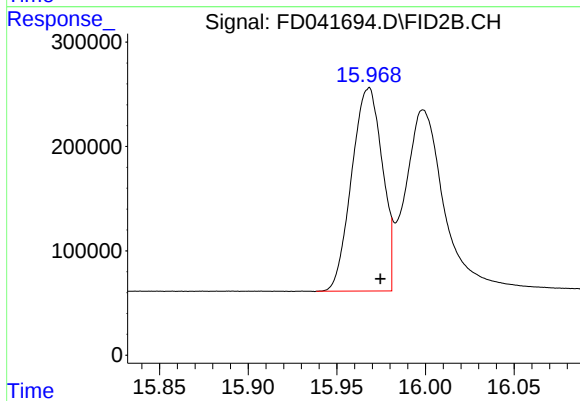
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.423 min
Delta R.T.: -0.008 min
Response: 2483385
Conc: 16.61 ug/ml



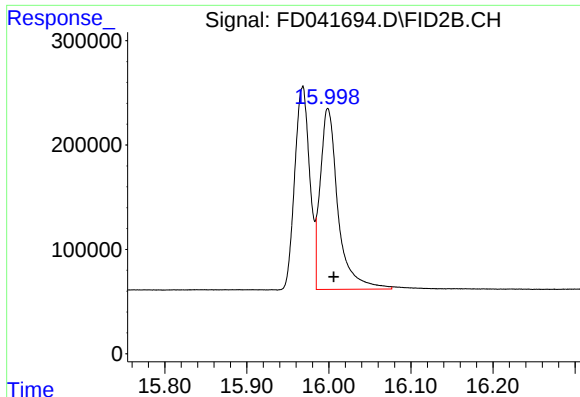
#15 Chrysene (C27.41)

R.T.: 14.463 min
Delta R.T.: -0.007 min
Response: 3062251
Conc: 17.01 ug/ml



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

R.T.: 15.968 min
Delta R.T.: -0.006 min
Response: 2358699
Conc: 15.91 ug/ml m



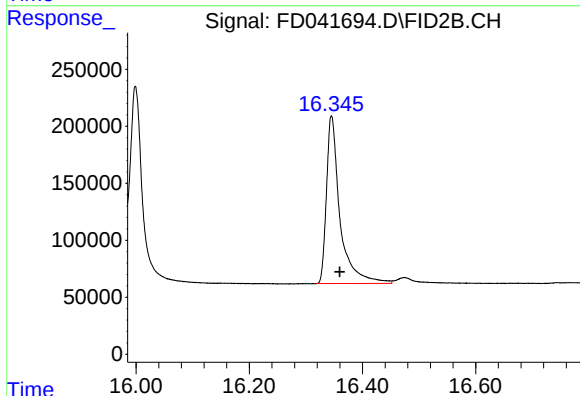
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.998 min
Delta R.T.: -0.008 min
Response: 2599133
Conc: 15.73 ug/ml

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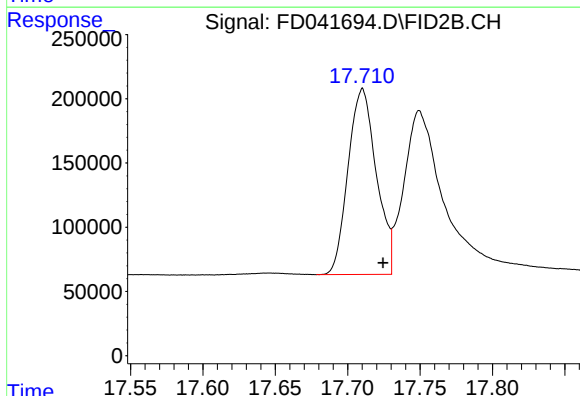
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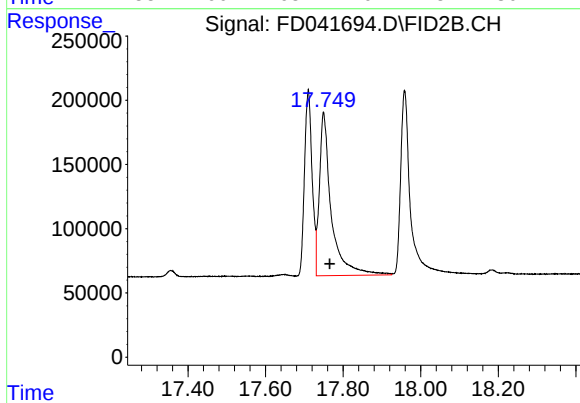
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.346 min
Delta R.T.: -0.014 min
Response: 2440710
Conc: 17.35 ug/ml



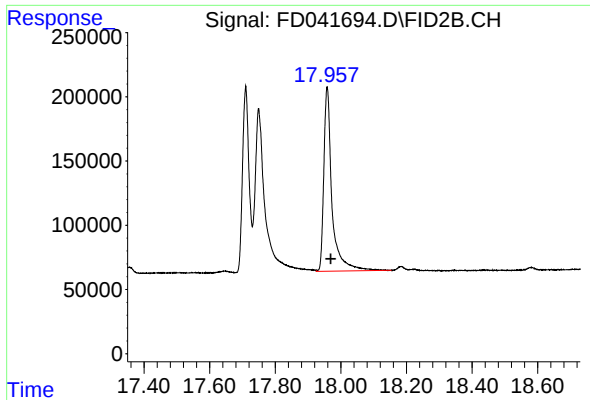
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.710 min
Delta R.T.: -0.014 min
Response: 1966278
Conc: 17.85 ug/ml



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

R.T.: 17.750 min
Delta R.T.: -0.015 min
Response: 2717612
Conc: 18.77 ug/ml



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

R.T.: 17.959 min
Delta R.T.: -0.011 min
Response: 2488575
Conc: 18.75 ug/ml

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