

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032522AR\
 Data File : FD041729.D
 Signal(s) : FID2B.CH
 Acq On : 25 Mar 2022 18:16
 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 03/26/2022
 Supervised By :mohammad ahmed 03/30/2022

Integration File: sample.E
 Quant Time: Mar 25 22:33:34 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	3295482	20.547 ug/ml
Spiked Amount 50.000		Recovery =	41.09%
6) S 2-Fluorobiphenyl (SURR)	8.198	1995835	20.197 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.39%
11) S ortho-Terphenyl (SURR)	11.228	3979792	20.473 ug/ml
Spiked Amount 50.000		Recovery =	40.95%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.171	3651473	20.847 ug/ml
2) T Naphthalene (C11.7)	5.692	3694267	20.938 ug/ml
3) T 2-Methylnaphthalene (...)	6.738	3340174	20.877 ug/ml
5) T Acenaphthylene (C15.06)	7.999	3760893	20.323 ug/ml
7) T Acenaphthene (C15.5)	8.292	3988336	20.776 ug/ml
8) T Flouorene (C16.55)	9.071	3595790	20.382 ug/ml
9) T Phenanthrene (C19.36)	10.457	3518659	20.173 ug/ml
10) T Anthracene (C19.43)	10.533	3526710	19.376 ug/ml
12) T Fluoranthene (C21.85)	12.260	3497771	19.813 ug/ml
13) T Pyrene (C20.8)	12.553	3326644	19.676 ug/ml
14) T Benzo[a]anthracene (C...	14.424	2743796	18.350 ug/ml
15) T Chrysene (C27.41)	14.465	3358619	18.660 ug/ml
16) T benzo[b]fluoranthene ...	15.971	2851791	19.231 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.002	3066778	18.560 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.348	2778380	19.753 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.712	2294803	20.835 ug/ml
20) T Dibenz[a,h]anthracene...	17.752	3141029	21.696 ug/ml
21) T Benzo[g,h,i]perylene ...	17.961	2925233	22.041 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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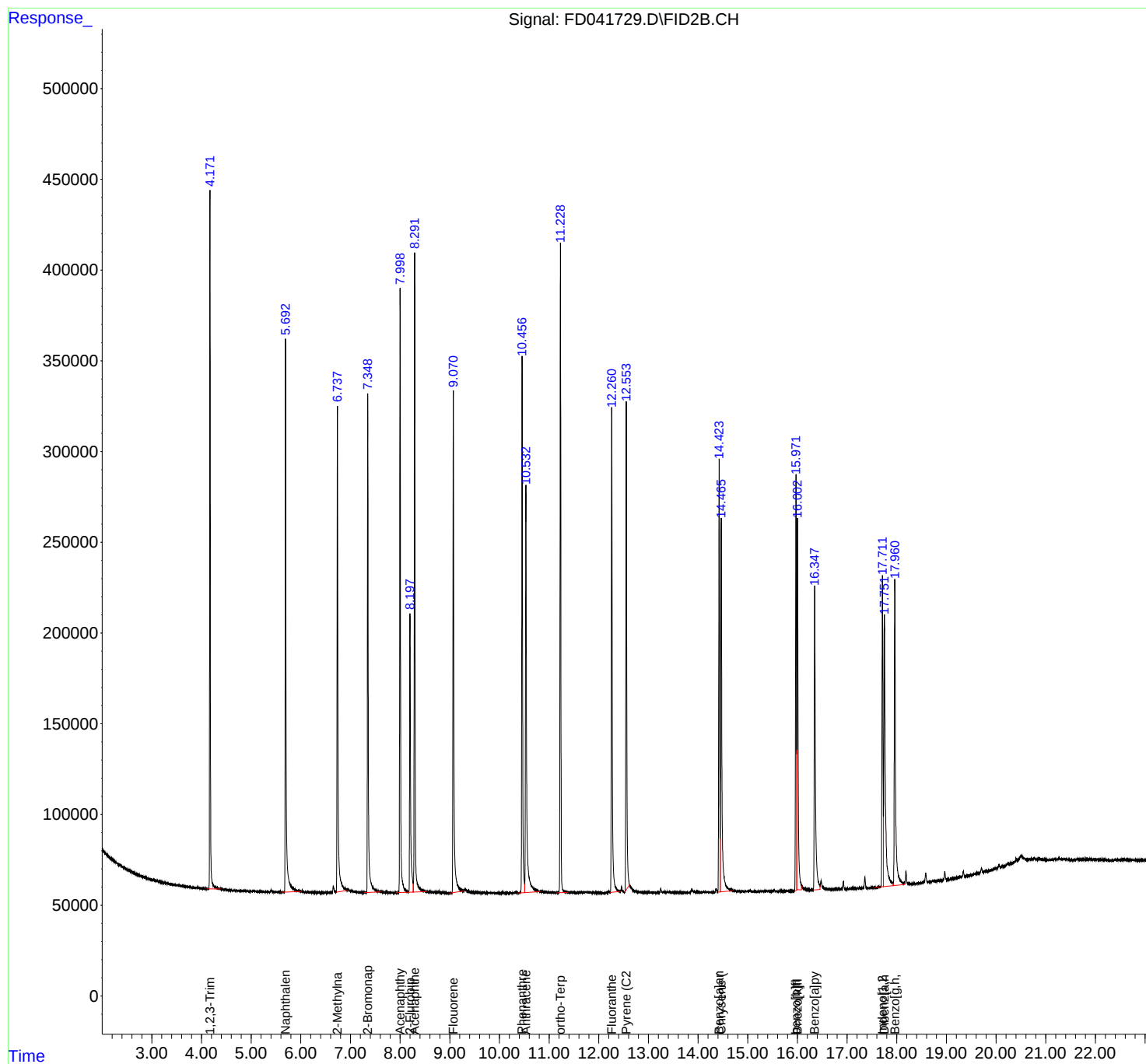
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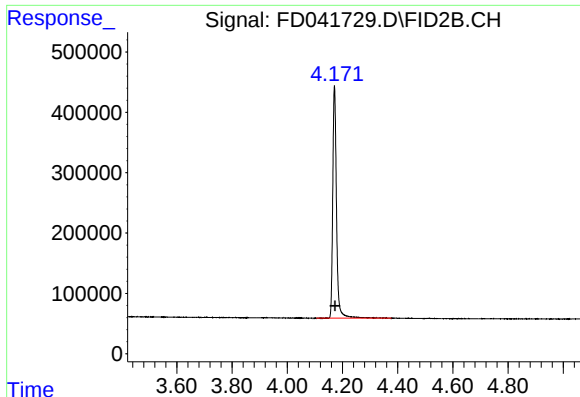
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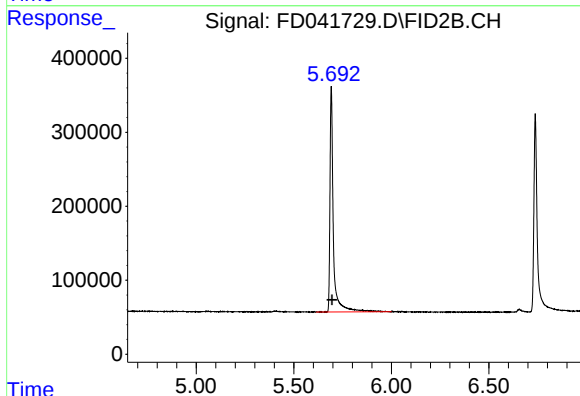
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.171 min
Delta R.T.: -0.002 min
Response: 3651473
Conc: 20.85 ug/ml

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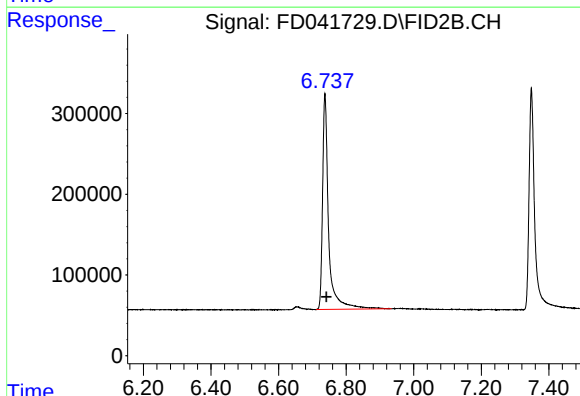
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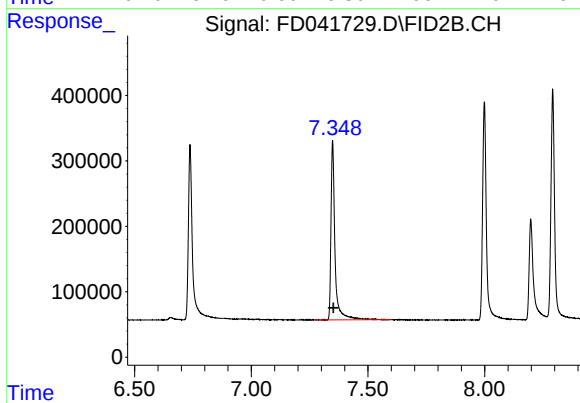
#2 Naphthalene (C11.7)

R.T.: 5.692 min
Delta R.T.: -0.004 min
Response: 3694267
Conc: 20.94 ug/ml



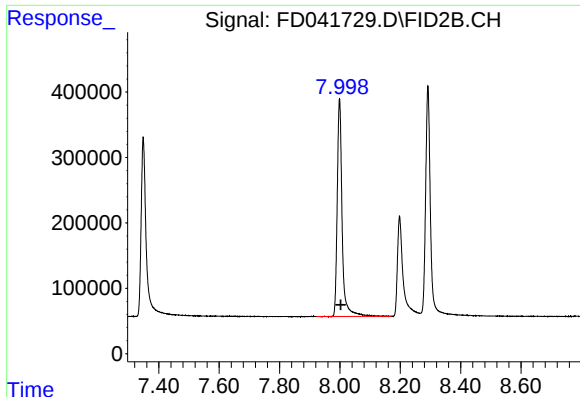
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.738 min
Delta R.T.: -0.004 min
Response: 3340174
Conc: 20.88 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.349 min
Delta R.T.: -0.004 min
Response: 3295482
Conc: 20.55 ug/ml



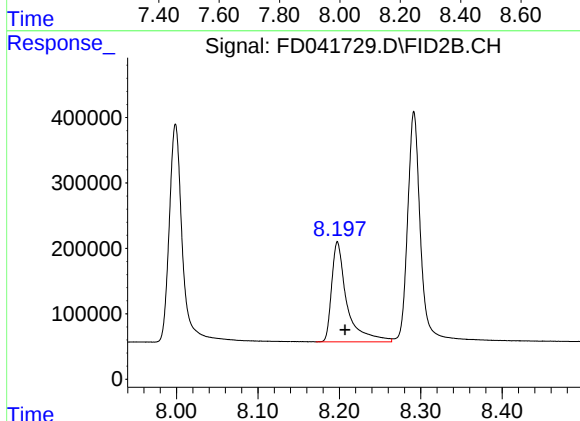
#5 Acenaphthylene (C15.06)

R.T.: 7.999 min
Delta R.T.: -0.004 min
Response: 3760893
Conc: 20.32 ug/ml

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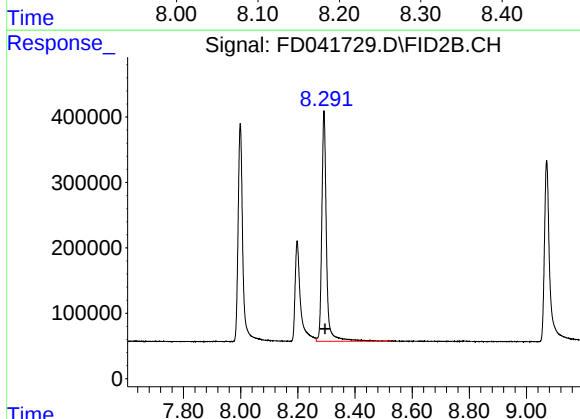
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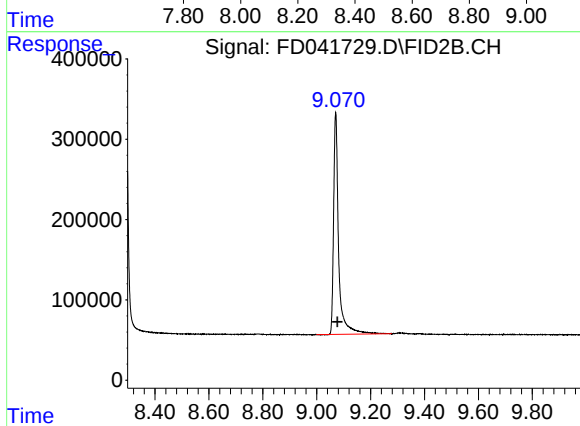
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.198 min
Delta R.T.: -0.009 min
Response: 1995835
Conc: 20.20 ug/ml



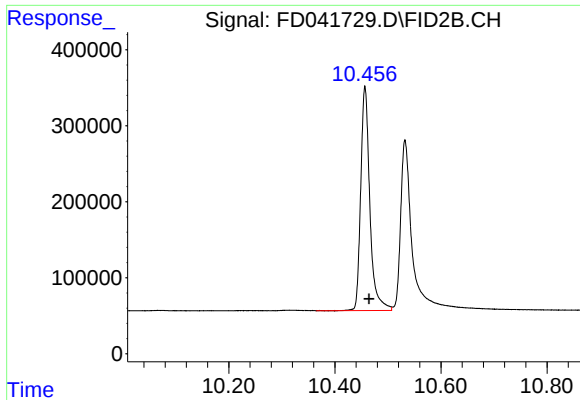
#7 Acenaphthene (C15.5)

R.T.: 8.292 min
Delta R.T.: -0.004 min
Response: 3988336
Conc: 20.78 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.071 min
Delta R.T.: -0.007 min
Response: 3595790
Conc: 20.38 ug/ml



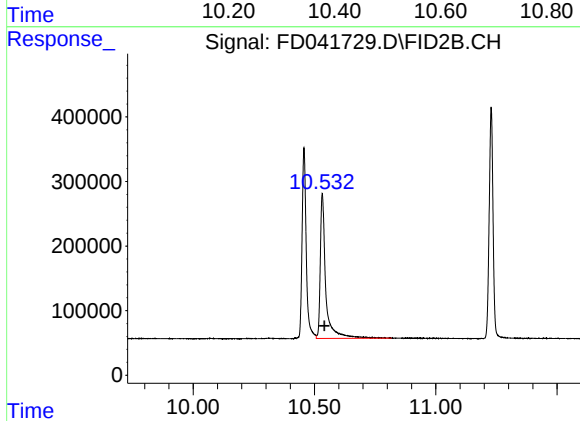
#9 Phenanthrene (C19.36)

R.T.: 10.457 min
Delta R.T.: -0.007 min
Response: 3518659
Conc: 20.17 ug/ml

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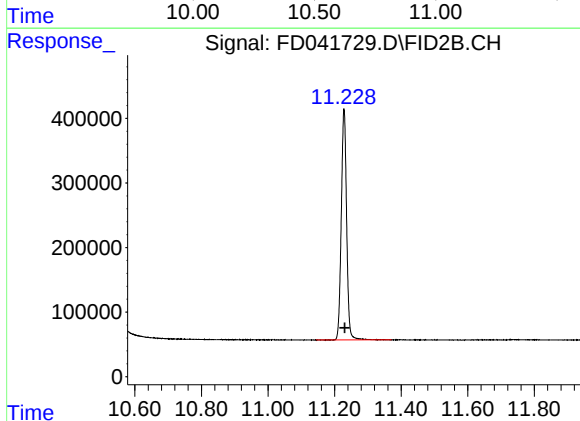
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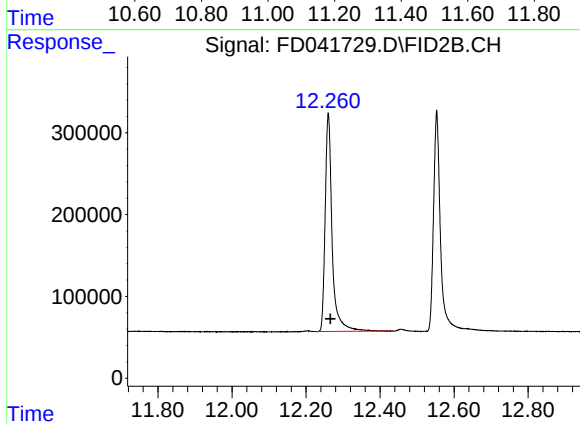
#10 Anthracene (C19.43)

R.T.: 10.533 min
Delta R.T.: -0.008 min
Response: 3526710
Conc: 19.38 ug/ml



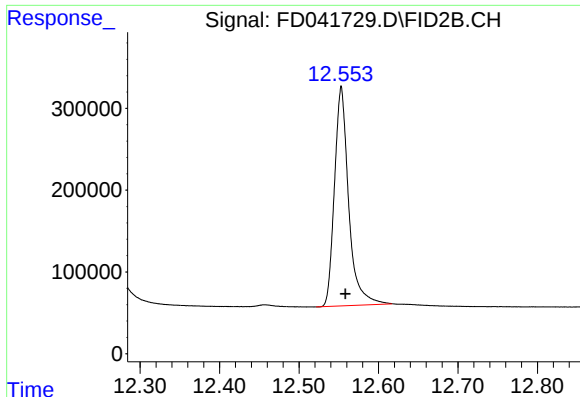
#11 ortho-Terphenyl (SURR)

R.T.: 11.228 min
Delta R.T.: -0.002 min
Response: 3979792
Conc: 20.47 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.260 min
Delta R.T.: -0.006 min
Response: 3497771
Conc: 19.81 ug/ml



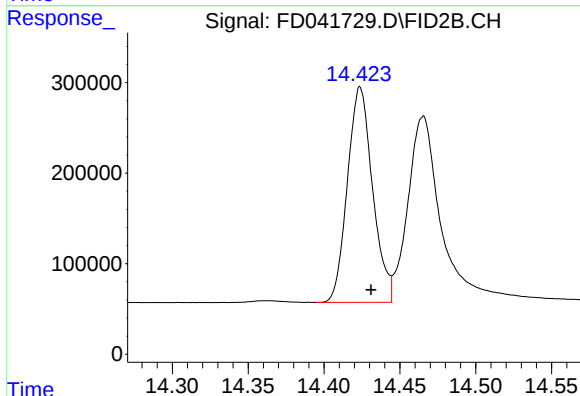
#13 Pyrene (C20.8)

R.T.: 12.553 min
Delta R.T.: -0.005 min
Response: 3326644
Conc: 19.68 ug/ml

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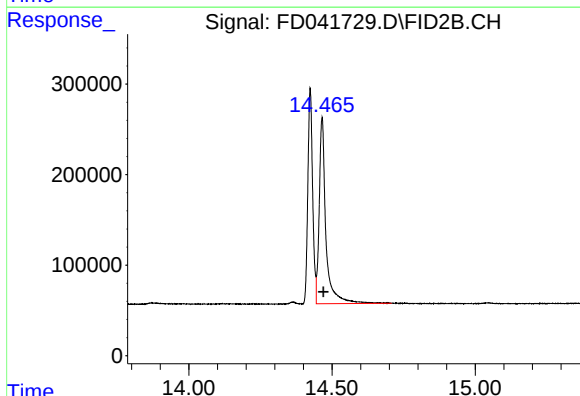
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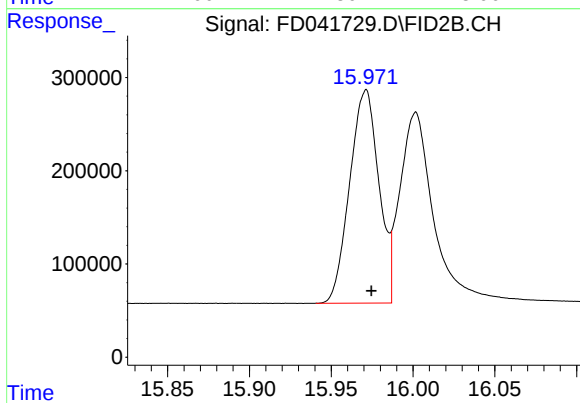
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.424 min
Delta R.T.: -0.007 min
Response: 2743796
Conc: 18.35 ug/ml



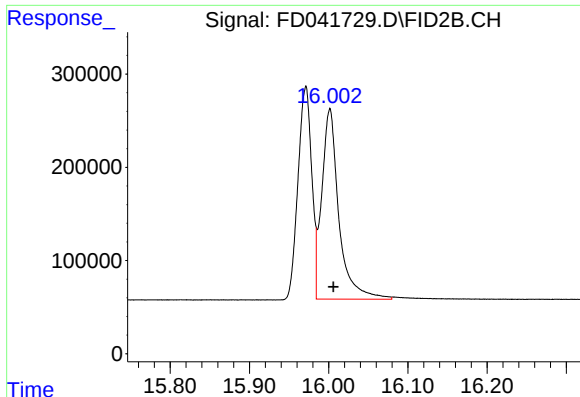
#15 Chrysene (C27.41)

R.T.: 14.465 min
Delta R.T.: -0.005 min
Response: 3358619
Conc: 18.66 ug/ml



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

R.T.: 15.971 min
Delta R.T.: -0.003 min
Response: 2851791
Conc: 19.23 ug/ml m



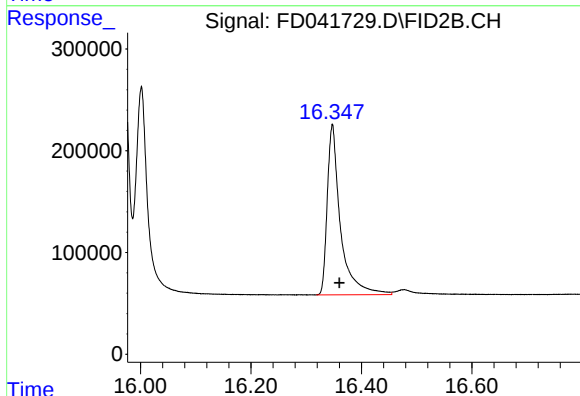
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.002 min
Delta R.T.: -0.005 min
Response: 3066778
Conc: 18.56 ug/ml

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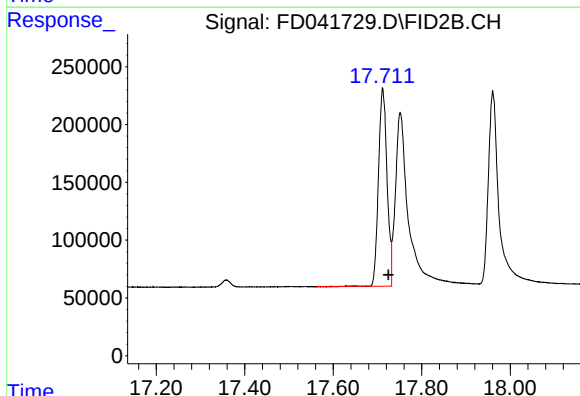
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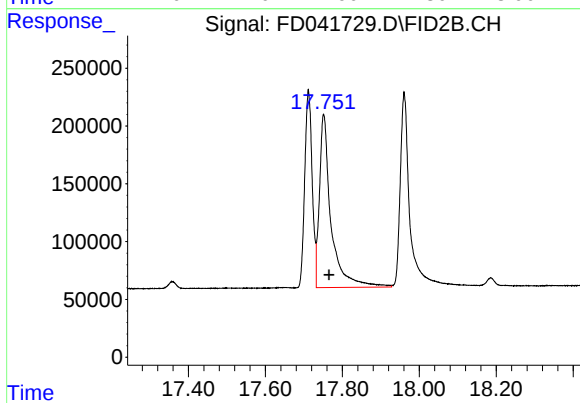
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.348 min
Delta R.T.: -0.012 min
Response: 2778380
Conc: 19.75 ug/ml



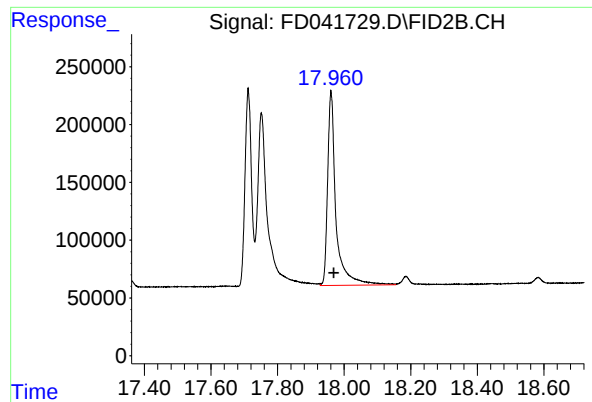
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.712 min
Delta R.T.: -0.012 min
Response: 2294803
Conc: 20.84 ug/ml



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

R.T.: 17.752 min
Delta R.T.: -0.013 min
Response: 3141029
Conc: 21.70 ug/ml



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

R.T.: 17.961 min
Delta R.T.: -0.009 min
Response: 2925233
Conc: 22.04 ug/ml

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