

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031522AR\
 Data File : FD041564.D
 Signal(s) : FID2B.CH
 Acq On : 16 Mar 2022 1:09
 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 03/16/2022
 Supervised By :Ankita Jodhani 03/17/2022

Integration File: autoint1.e
 Quant Time: Mar 16 01:36:16 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...	7.356	3261662	20.187 ug/ml
Spiked Amount 50.000		Recovery =	40.37%
6) S 2-Fluorobiphenyl (SURR)	8.206	2096888	20.144 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.29%
11) S ortho-Terphenyl (SURR)	11.238	3559294	20.292 ug/ml
Spiked Amount 50.000		Recovery =	40.58%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.179	3625453	20.686 ug/ml
2) T Naphthalene (C11.7)	5.699	3770042	20.671 ug/ml
3) T 2-Methylnaphthalene (...)	6.745	3664631	20.247 ug/ml
5) T Acenaphthylene (C15.06)	8.008	3605745	20.170 ug/ml
7) T Acenaphthene (C15.5)	8.302	3956980	20.701 ug/ml
8) T Flouorene (C16.55)	9.079	3488442	20.372 ug/ml
9) T Phenanthrene (C19.36)	10.466	3330517	20.272 ug/ml
10) T Anthracene (C19.43)	10.540	3314994	20.729 ug/ml
12) T Fluoranthene (C21.85)	12.268	3161301	18.816 ug/mlm
13) T Pyrene (C20.8)	12.561	3158157	18.837 ug/ml
14) T Benzo[a]anthracene (C...	14.430	2887145	19.895 ug/ml
15) T Chrysene (C27.41)	14.471	3282600	19.934 ug/ml
16) T benzo[b]fluoranthene ...	15.977	2994397	21.940 ug/ml
17) T Bnezo[k]fluoranthene ...	16.008	3209118	21.747 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.352	2960000	22.511 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.717	2889368	23.049 ug/ml
20) T Dibenz[a,h]anthracene...	17.757	3338793	23.620 ug/ml
21) T Benzo[g,h,i]perylene ...	17.968	3021064	23.333 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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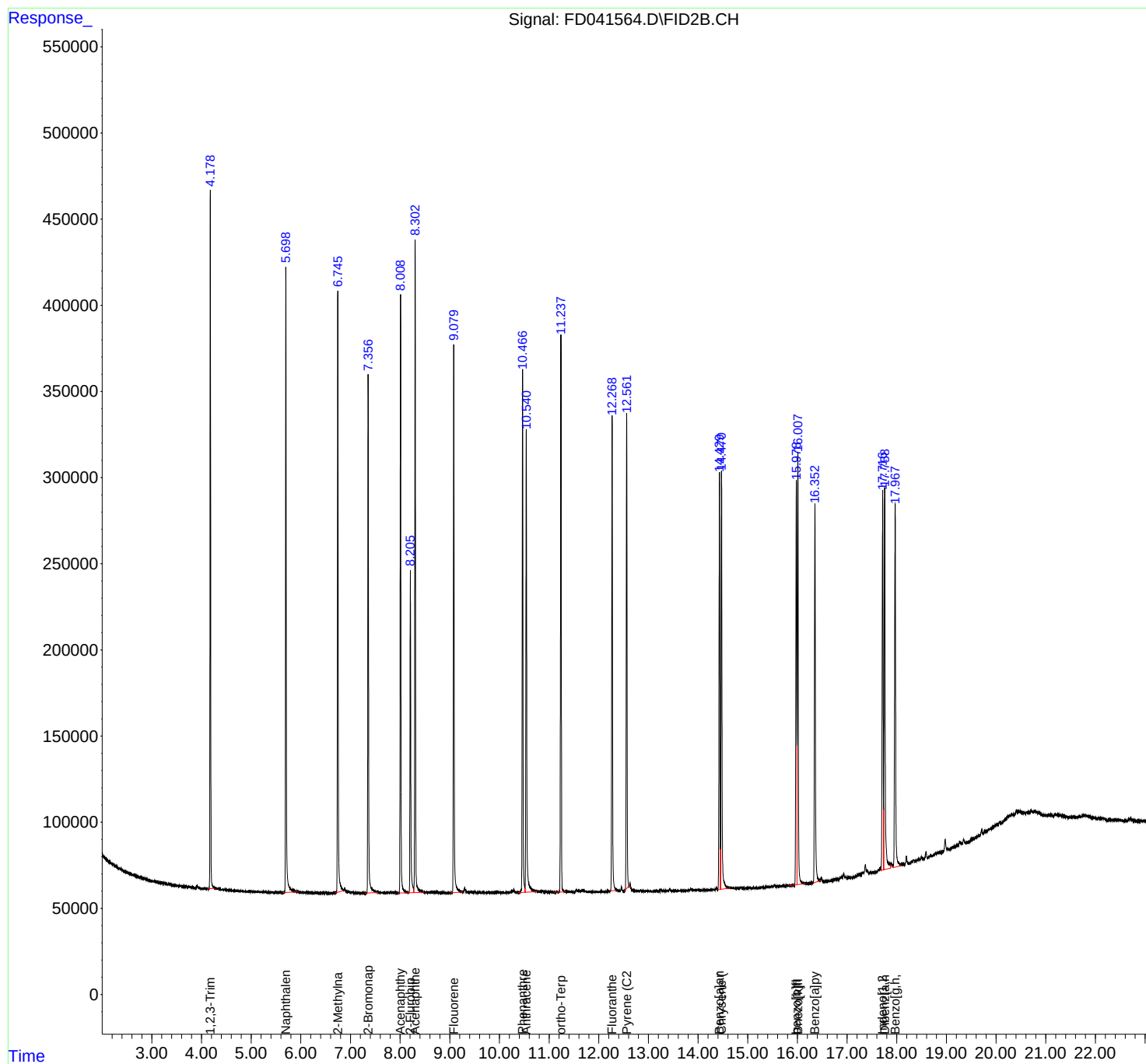
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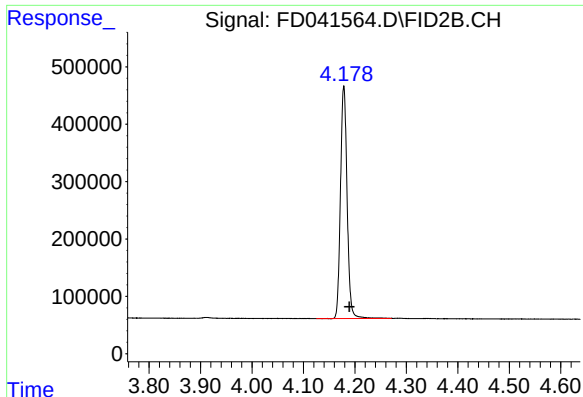
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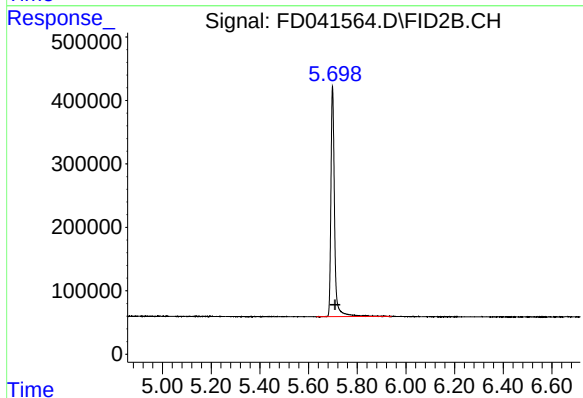
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.179 min
Delta R.T.: -0.010 min
Response: 3625453
Conc: 20.69 ug/ml

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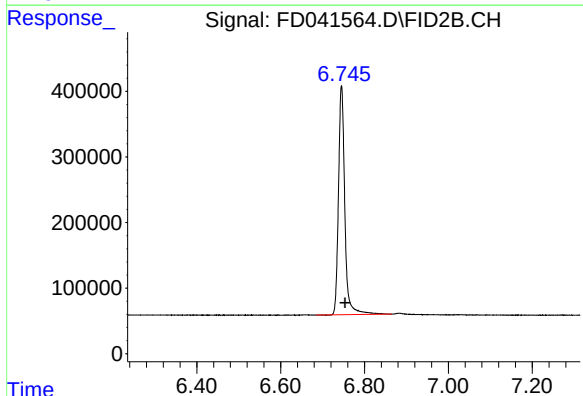
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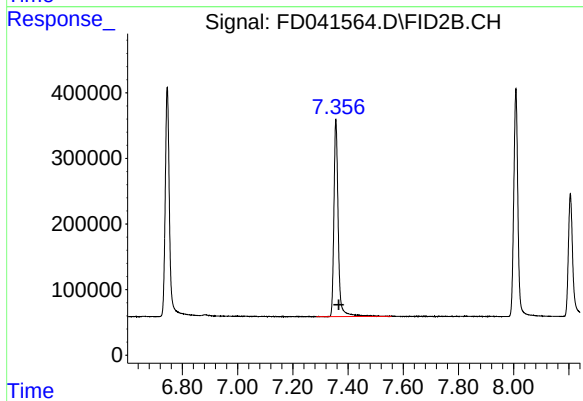
#2 Naphthalene (C11.7)

R.T.: 5.699 min
Delta R.T.: -0.010 min
Response: 3770042
Conc: 20.67 ug/ml



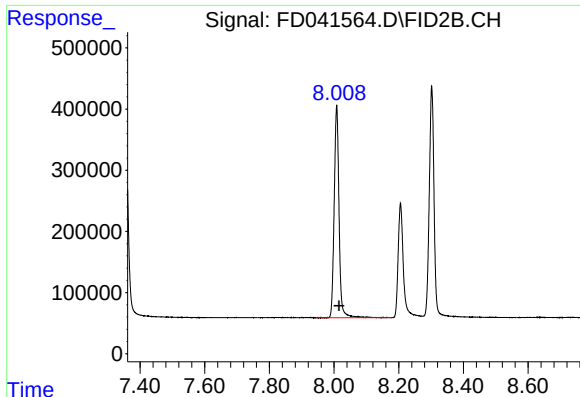
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.745 min
Delta R.T.: -0.009 min
Response: 3664631
Conc: 20.25 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.356 min
Delta R.T.: -0.010 min
Response: 3261662
Conc: 20.19 ug/ml



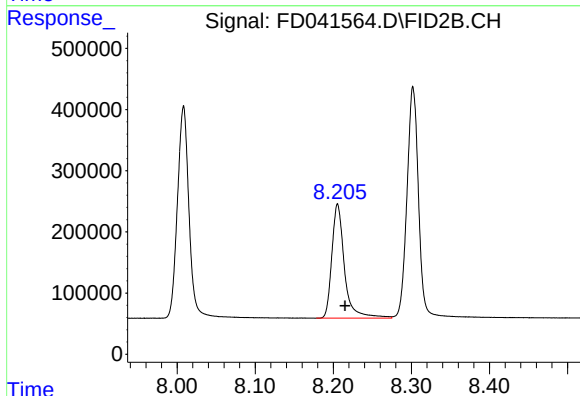
#5 Acenaphthylene (C15.06)

R.T.: 8.008 min
Delta R.T.: -0.008 min
Response: 3605745
Conc: 20.17 ug/ml

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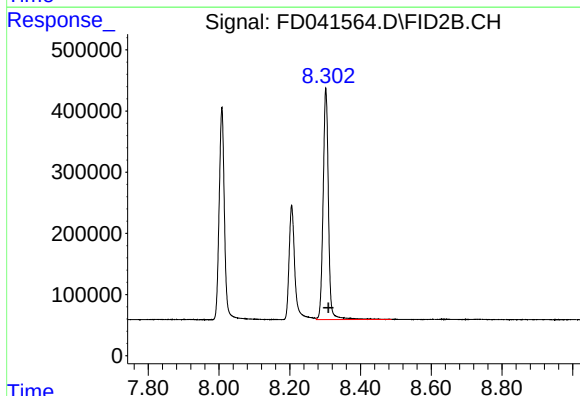
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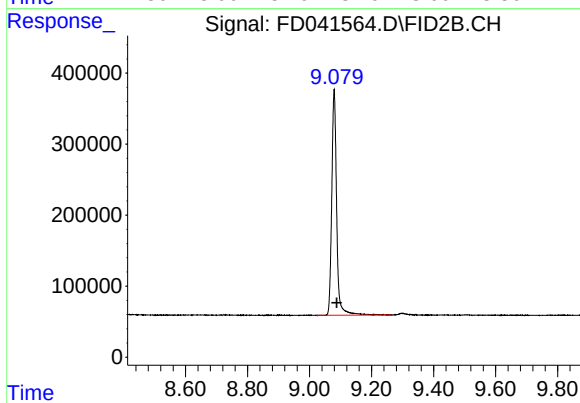
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.206 min
Delta R.T.: -0.010 min
Response: 2096888
Conc: 20.14 ug/ml



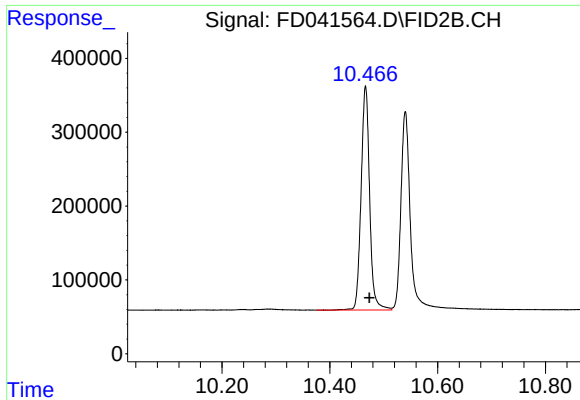
#7 Acenaphthene (C15.5)

R.T.: 8.302 min
Delta R.T.: -0.007 min
Response: 3956980
Conc: 20.70 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.079 min
Delta R.T.: -0.008 min
Response: 3488442
Conc: 20.37 ug/ml



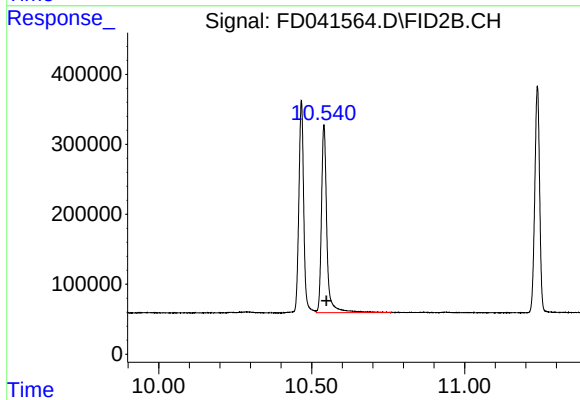
#9 Phenanthrene (C19.36)

R.T.: 10.466 min
Delta R.T.: -0.007 min
Response: 3330517
Conc: 20.27 ug/ml

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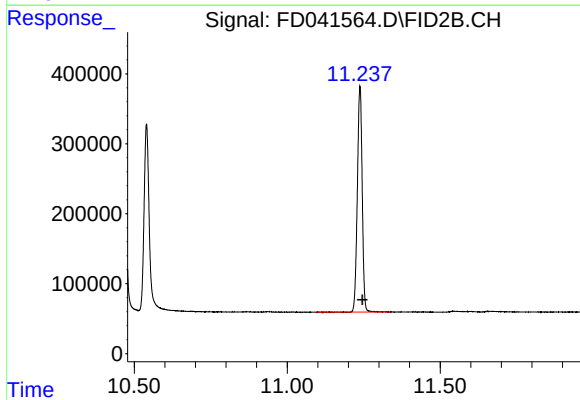
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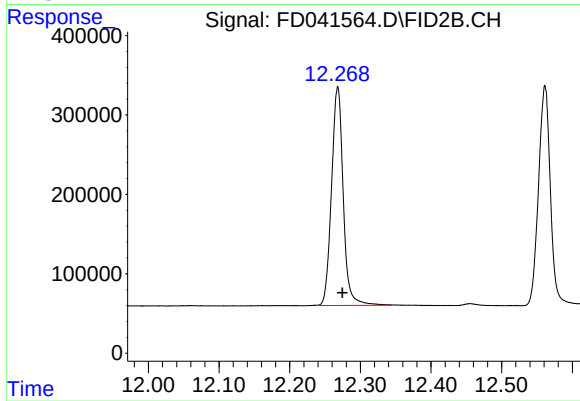
#10 Anthracene (C19.43)

R.T.: 10.540 min
Delta R.T.: -0.009 min
Response: 3314994
Conc: 20.73 ug/ml



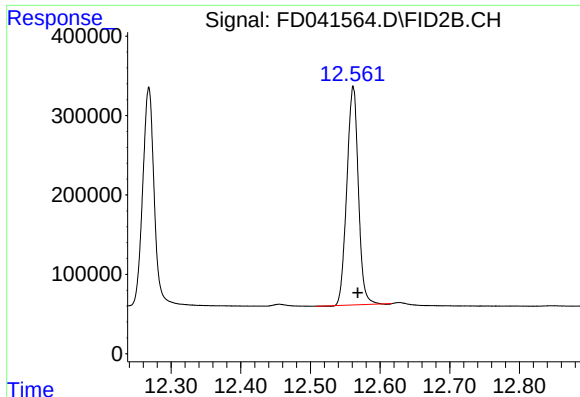
#11 ortho-Terphenyl (SURR)

R.T.: 11.238 min
Delta R.T.: -0.009 min
Response: 3559294
Conc: 20.29 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.268 min
Delta R.T.: -0.007 min
Response: 3161301
Conc: 18.82 ug/ml m



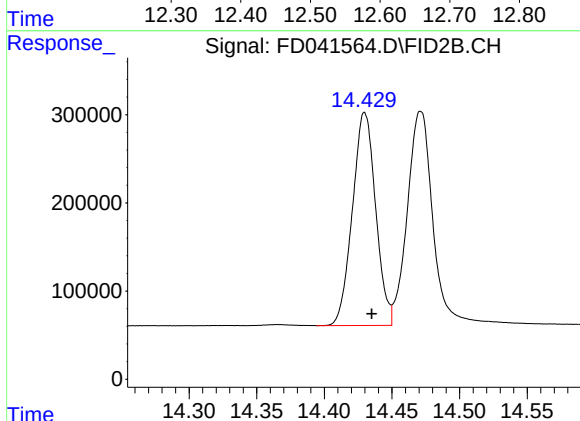
#13 Pyrene (C20.8)

R.T.: 12.561 min
Delta R.T.: -0.007 min
Response: 3158157
Conc: 18.84 ug/ml

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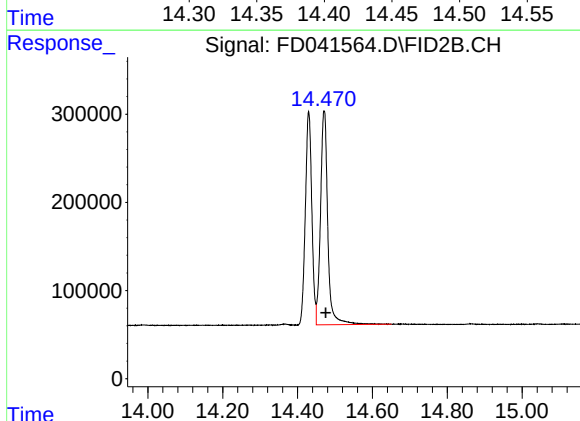
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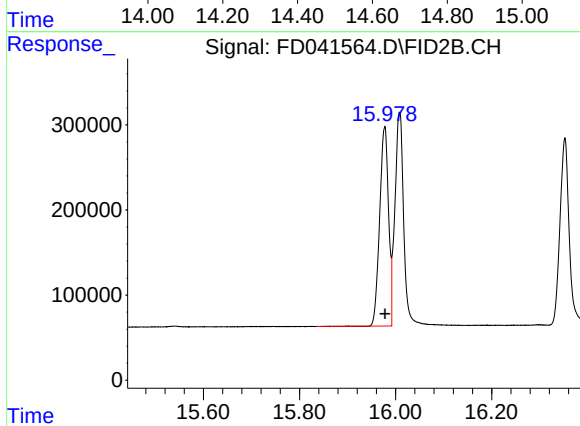
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.430 min
Delta R.T.: -0.005 min
Response: 2887145
Conc: 19.90 ug/ml



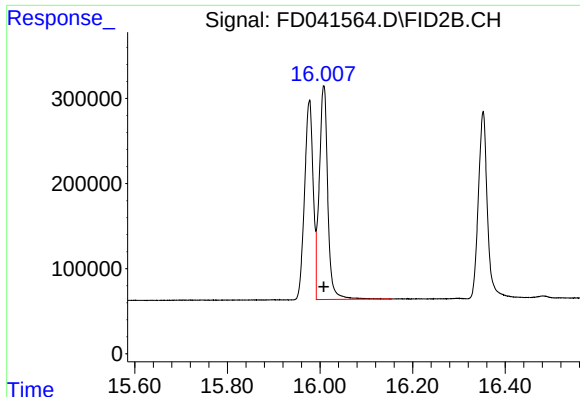
#15 Chrysene (C27.41)

R.T.: 14.471 min
Delta R.T.: -0.005 min
Response: 3282600
Conc: 19.93 ug/ml



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

R.T.: 15.977 min
Delta R.T.: -0.001 min
Response: 2994397
Conc: 21.94 ug/ml



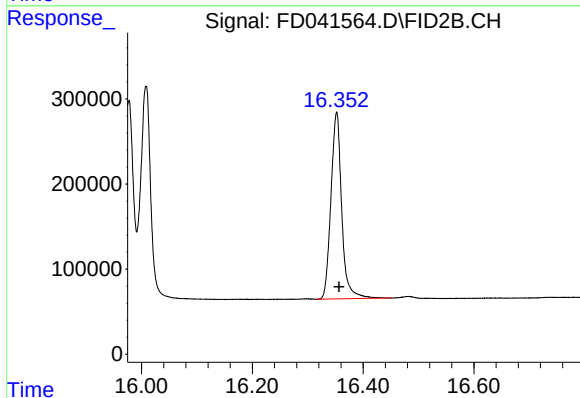
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.008 min
Delta R.T.: 0.000 min
Response: 3209118
Conc: 21.75 ug/ml

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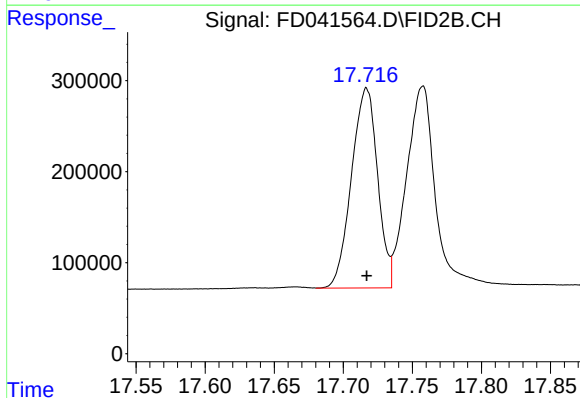
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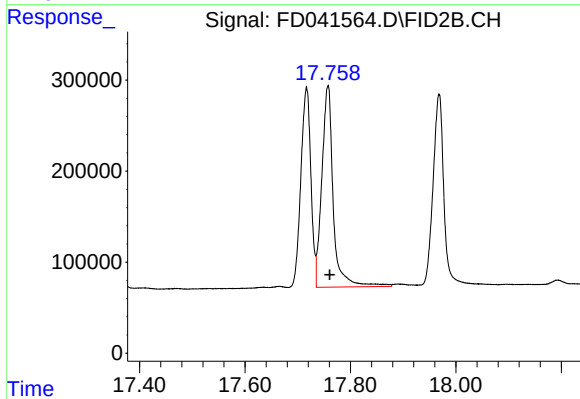
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.352 min
Delta R.T.: -0.004 min
Response: 2960000
Conc: 22.51 ug/ml



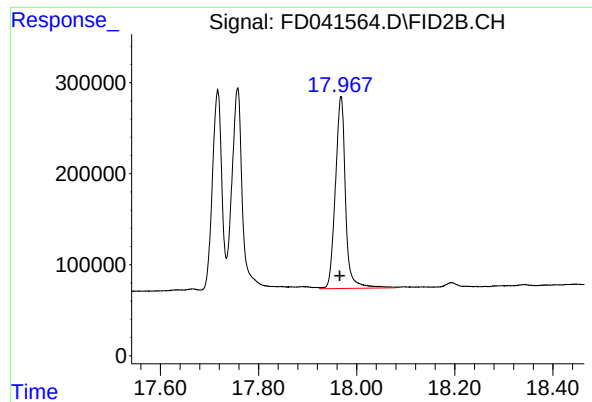
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.717 min
Delta R.T.: 0.000 min
Response: 2889368
Conc: 23.05 ug/ml



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

R.T.: 17.757 min
Delta R.T.: -0.004 min
Response: 3338793
Conc: 23.62 ug/ml



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

R.T.: 17.968 min
Delta R.T.: 0.003 min
Response: 3021064
Conc: 23.33 ug/ml

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