

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062322AR\
 Data File : FD043020.D
 Signal(s) : FID2B.CH
 Acq On : 23 Jun 2022 22:19
 Operator : UA/NP
 Sample : N3422-05MSD 10X
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 WC-14A-1A-12-GRMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2022
 Supervised By :Ankita Jodhani 06/24/2022

Integration File: autoint1.e
 Quant Time: Jun 24 02:20:24 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 01 10:34:31 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...	7.645	710937	4.652 ug/mlm
Spiked Amount 50.000		Recovery =	9.30%
6) S 2-Fluorobiphenyl (SURR)	8.510	411824	4.004 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	8.01%
11) S ortho-Terphenyl (SURR)	11.558	784735	4.420 ug/ml
Spiked Amount 50.000		Recovery =	8.84%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.438	459517	2.745 ug/mlm
2) T Naphthalene (C11.7)	5.981	616833	3.568 ug/ml
3) T 2-Methylnaphthalene (...)	7.034	667065	4.183 ug/mlm
5) T Acenaphthylene (C15.06)	8.313	696124	4.029 ug/mlm
7) T Acenaphthene (C15.5)	8.609	731269	4.250 ug/ml
8) T Fluorene (C16.55)	9.392	780262	4.648 ug/ml
9) T Phenanthrene (C19.36)	10.791	704187	4.282 ug/mlm
10) T Anthracene (C19.43)	10.865	722833	4.729 ug/ml
12) T Fluoranthene (C21.85)	12.606	762902	4.842 ug/ml
13) T Pyrene (C20.8)	12.904	779661	5.008 ug/ml
14) T Benzo[a]anthracene (C...	14.779	654397	4.908 ug/mlm
15) T Chrysene (C27.41)	14.820	936288	7.087 ug/ml
16) T benzo[b]fluoranthene ...	16.332	740466	5.558 ug/ml
17) T Bnezo[k]fluoranthene ...	16.361	654875	5.287 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.711	616909	4.984 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.077	640492	5.746 ug/ml
20) T Dibenz[a,h]anthracene...	18.116	638940	5.744 ug/ml
21) T Benzo[g,h,i]perylene ...	18.330	612241	5.151 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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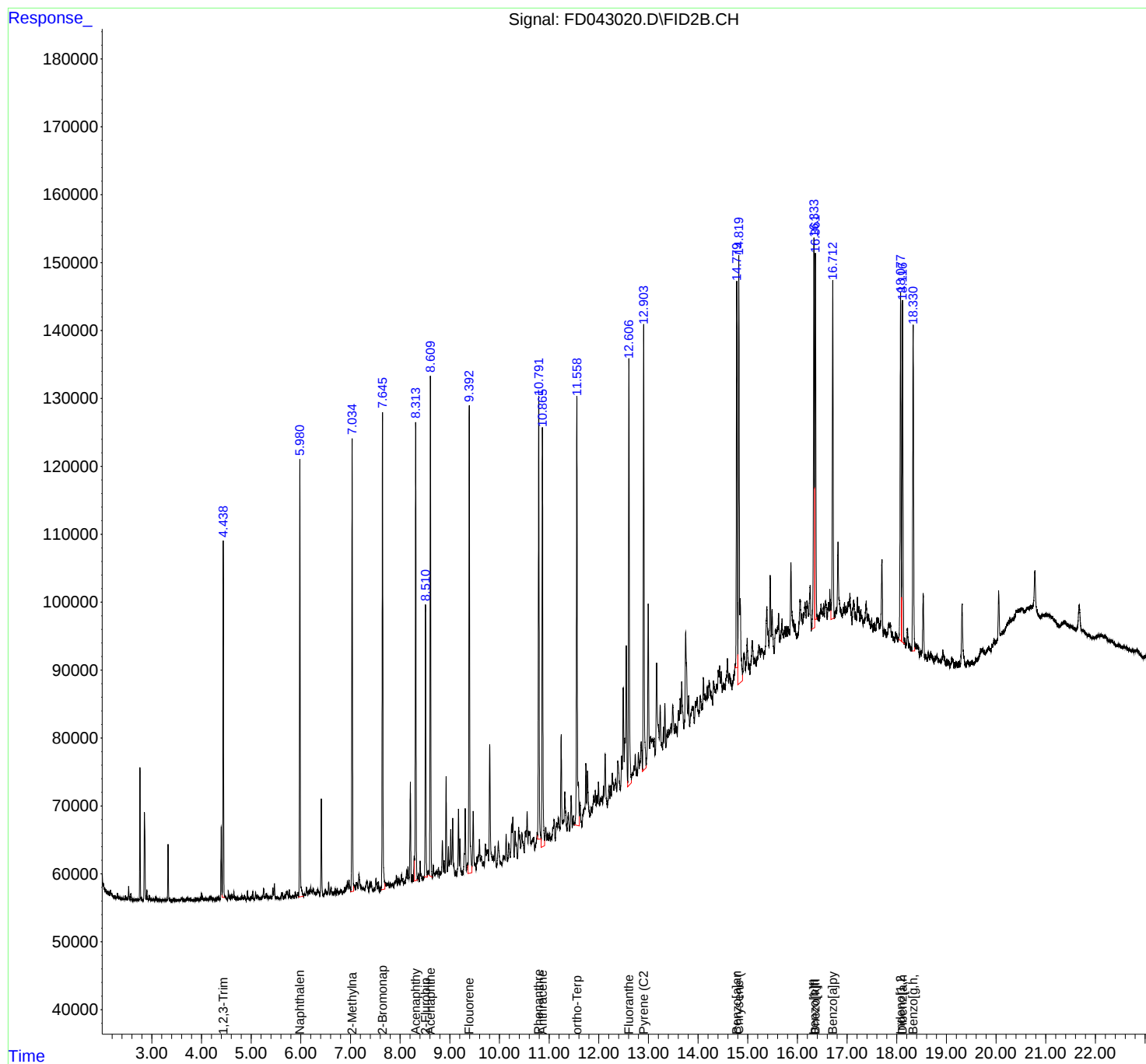
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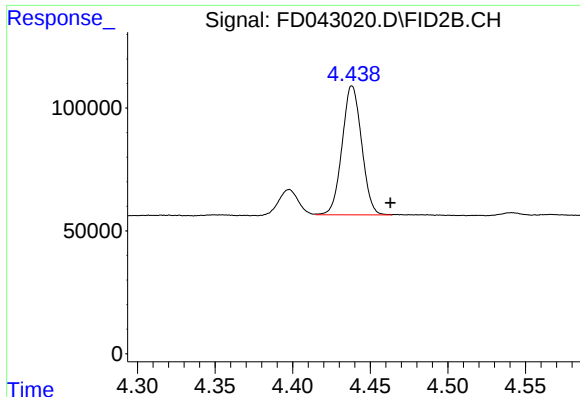
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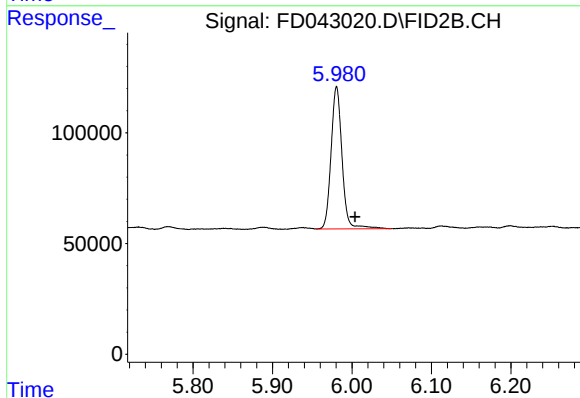
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.438 min
Delta R.T.: -0.025 min
Response: 459517
Conc: 2.74 ug/ml

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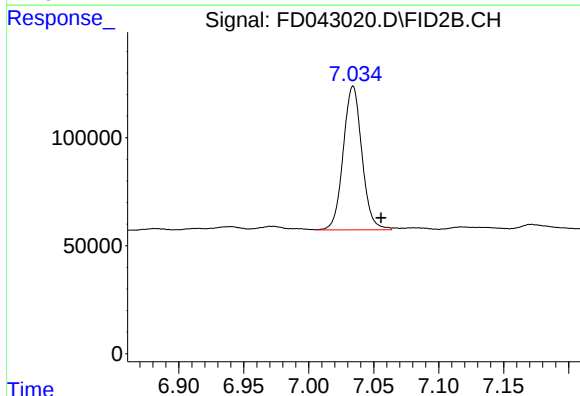
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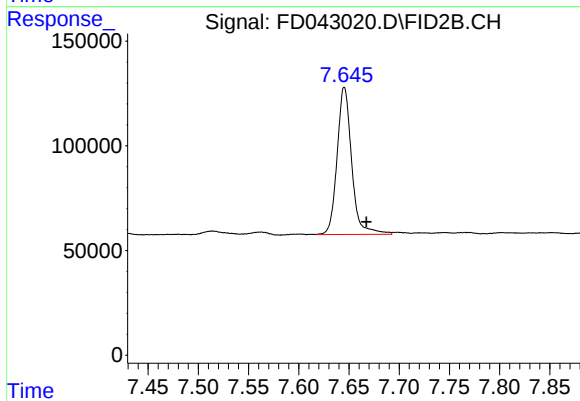
#2 Naphthalene (C11.7)

R.T.: 5.981 min
Delta R.T.: -0.023 min
Response: 616833
Conc: 3.57 ug/ml



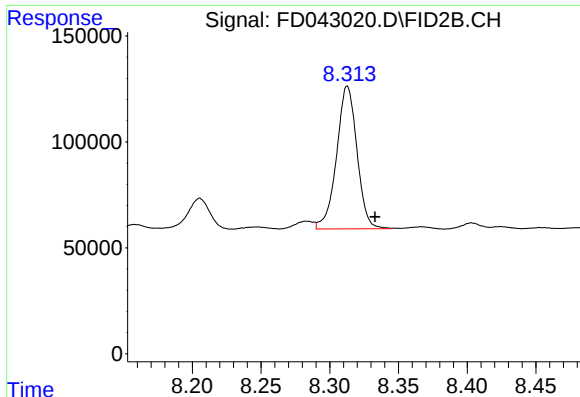
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.034 min
Delta R.T.: -0.022 min
Response: 667065
Conc: 4.18 ug/ml m



#4 2-Bromonaphthalene (SURR)

R.T.: 7.645 min
Delta R.T.: -0.023 min
Response: 710937
Conc: 4.65 ug/ml m



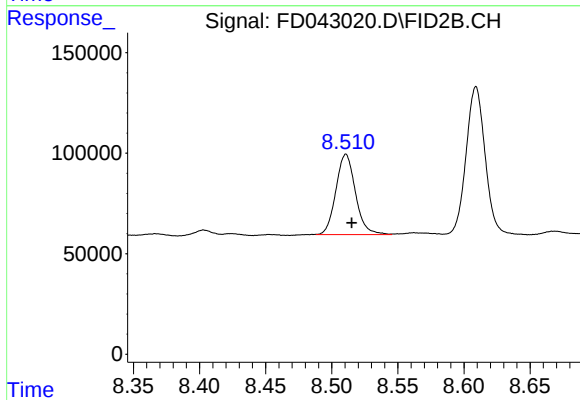
#5 Acenaphthylene (C15.06)

R.T.: 8.313 min
Delta R.T.: -0.021 min
Response: 696124
Conc: 4.03 ug/ml

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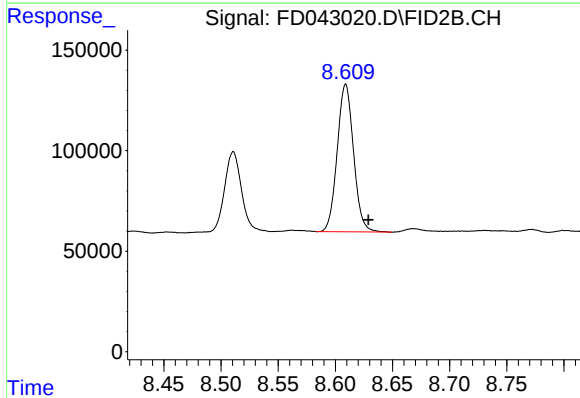
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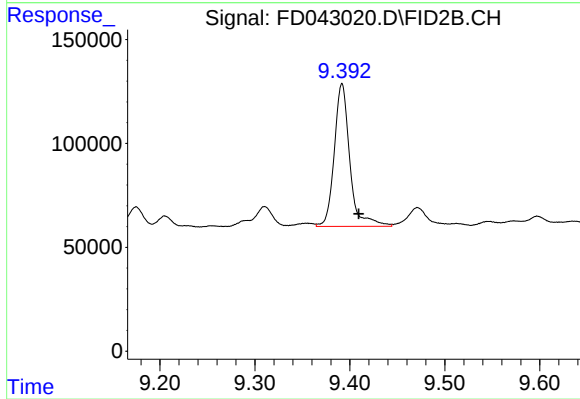
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.510 min
Delta R.T.: -0.005 min
Response: 411824
Conc: 4.00 ug/ml m



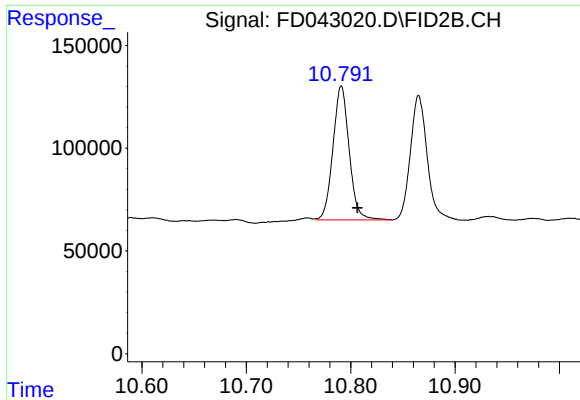
#7 Acenaphthene (C15.5)

R.T.: 8.609 min
Delta R.T.: -0.020 min
Response: 731269
Conc: 4.25 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.392 min
Delta R.T.: -0.018 min
Response: 780262
Conc: 4.65 ug/ml



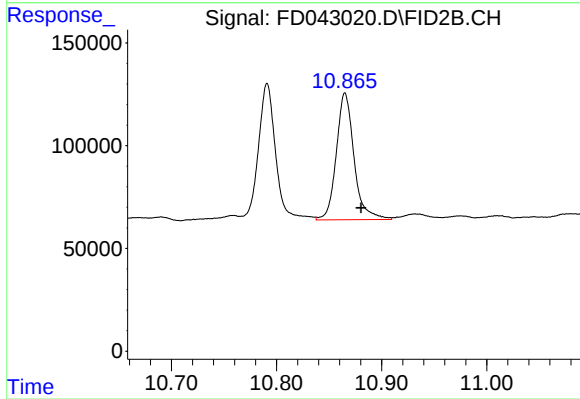
#9 Phenanthrene (C19.36)

R.T.: 10.791 min
Delta R.T.: -0.016 min
Response: 704187
Conc: 4.28 ug/ml

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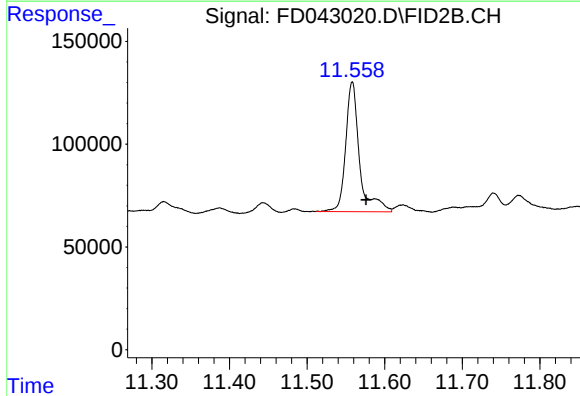
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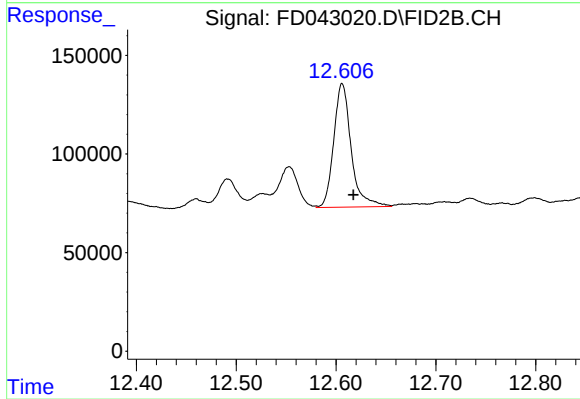
#10 Anthracene (C19.43)

R.T.: 10.865 min
Delta R.T.: -0.015 min
Response: 722833
Conc: 4.73 ug/ml



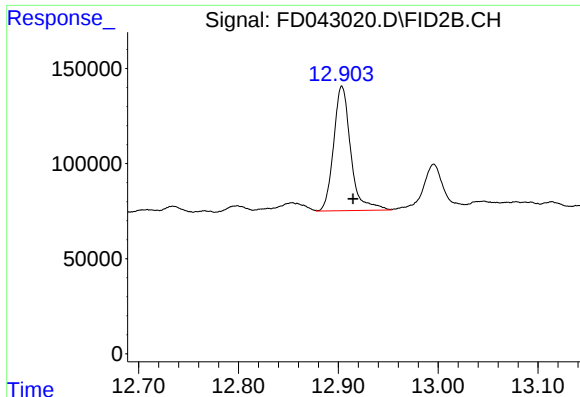
#11 ortho-Terphenyl (SURR)

R.T.: 11.558 min
Delta R.T.: -0.018 min
Response: 784735
Conc: 4.42 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.606 min
Delta R.T.: -0.011 min
Response: 762902
Conc: 4.84 ug/ml



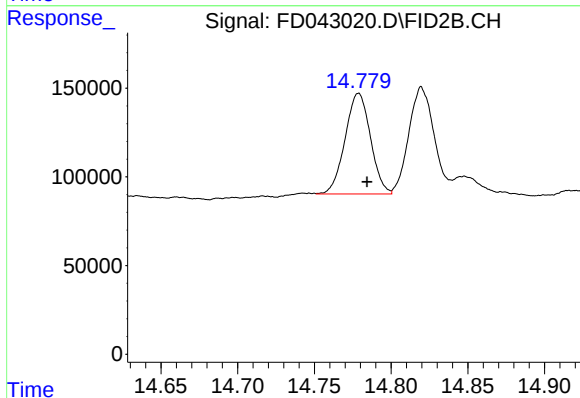
#13 Pyrene (C20.8)

R.T.: 12.904 min
Delta R.T.: -0.011 min
Response: 779661
Conc: 5.01 ug/ml

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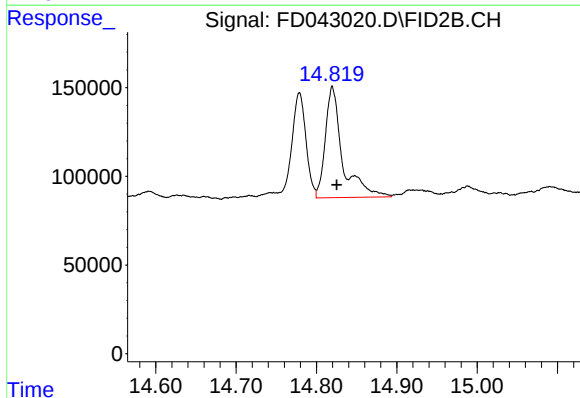
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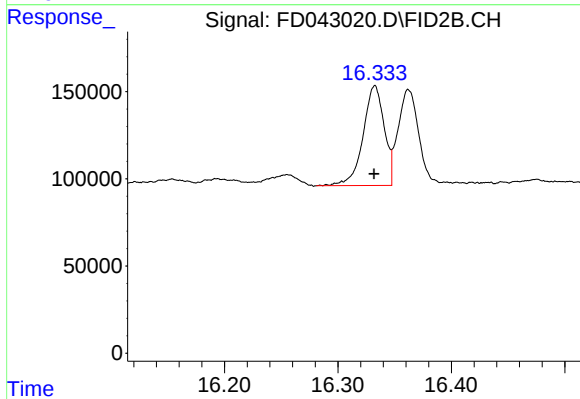
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.779 min
Delta R.T.: -0.005 min
Response: 654397
Conc: 4.91 ug/ml m



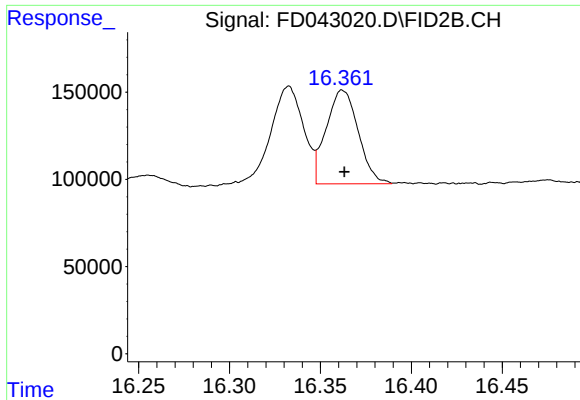
#15 Chrysene (C27.41)

R.T.: 14.820 min
Delta R.T.: -0.005 min
Response: 936288
Conc: 7.09 ug/ml



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

R.T.: 16.332 min
Delta R.T.: 0.000 min
Response: 740466
Conc: 5.56 ug/ml



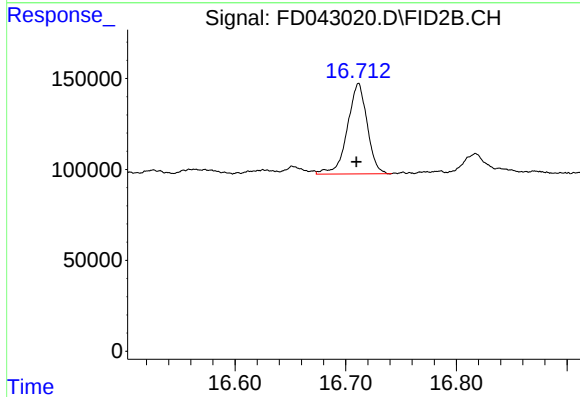
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.361 min
Delta R.T.: -0.002 min
Response: 654875
Conc: 5.29 ug/ml

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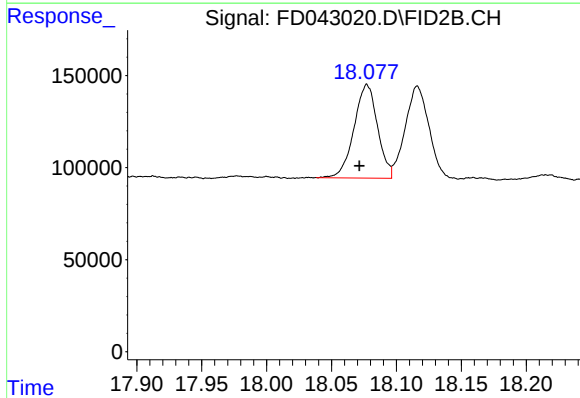
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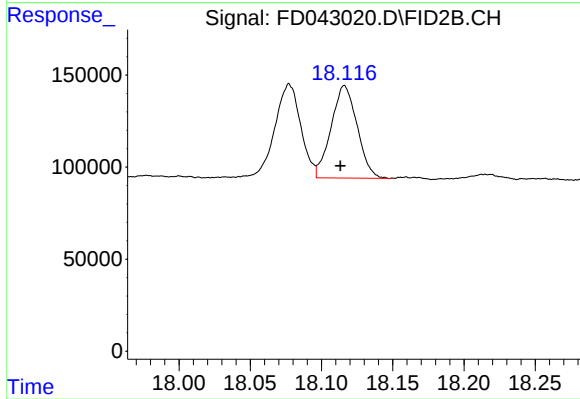
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.711 min
Delta R.T.: 0.002 min
Response: 616909
Conc: 4.98 ug/ml



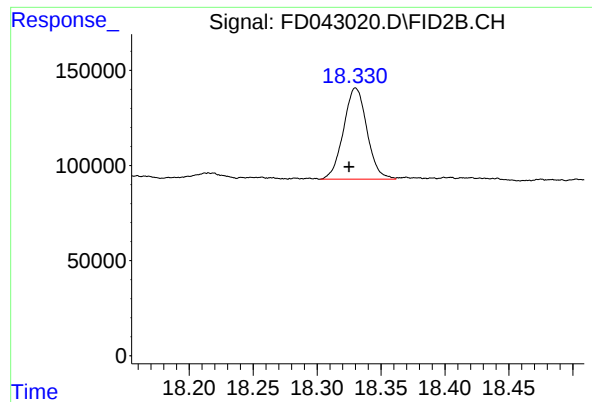
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.077 min
Delta R.T.: 0.006 min
Response: 640492
Conc: 5.75 ug/ml



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

R.T.: 18.116 min
Delta R.T.: 0.003 min
Response: 638940
Conc: 5.74 ug/ml



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

R.T.: 18.330 min
Delta R.T.: 0.005 min
Response: 612241
Conc: 5.15 ug/ml

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