

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082522AR\
 Data File : FD043748.D
 Signal(s) : FID2B.ch
 Acq On : 25 Aug 2022 13:48
 Operator : YP/AJ
 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 08/26/2022
 Supervised By :Ankita Jodhani 08/26/2022

Integration File: autoint1.e
 Quant Time: Aug 25 16:58:51 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 25 11:00:10 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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...	7.461	3802888	22.010 ug/ml
Spiked Amount 50.000		Recovery =	44.02%
6) S 2-Fluorobiphenyl (SURR)	8.317	2269729	22.563 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.13%
11) S ortho-Terphenyl (SURR)	11.348	4421890	21.136 ug/ml
Spiked Amount 50.000		Recovery =	42.27%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.264	4226920	21.225 ug/ml
2) T Naphthalene (C11.7)	5.800	4266920	21.229 ug/ml
3) T 2-Methylnaphthalene (...)	6.848	3925365	21.747 ug/ml
5) T Acenaphthylene (C15.06)	8.119	4271182	21.368 ug/ml
7) T Acenaphthene (C15.5)	8.410	4630536	21.542 ug/ml
8) T Flouorene (C16.55)	9.192	4160267	21.700 ug/ml
9) T Phenanthrene (C19.36)	10.584	3905969	21.721 ug/ml
10) T Anthracene (C19.43)	10.660	3806671	19.571 ug/ml
12) T Fluoranthene (C21.85)	12.391	3976032	21.802 ug/ml
13) T Pyrene (C20.8)	12.685	4057105	21.735 ug/ml
14) T Benzo[a]anthracene (C...	14.553	3237570	22.628 ug/ml
15) T Chrysene (C27.41)	14.595	3944668	20.438 ug/ml
16) T benzo[b]fluoranthene ...	16.098	3233986	22.412 ug/ml
17) T Bnezo[k]fluoranthene ...	16.129	3698323	21.503 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.478	3141720	21.636 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.839	2425533	23.454 ug/mlm
20) T Dibenz[a,h]anthracene...	17.876	2998966	21.311 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.087	2774450	21.794 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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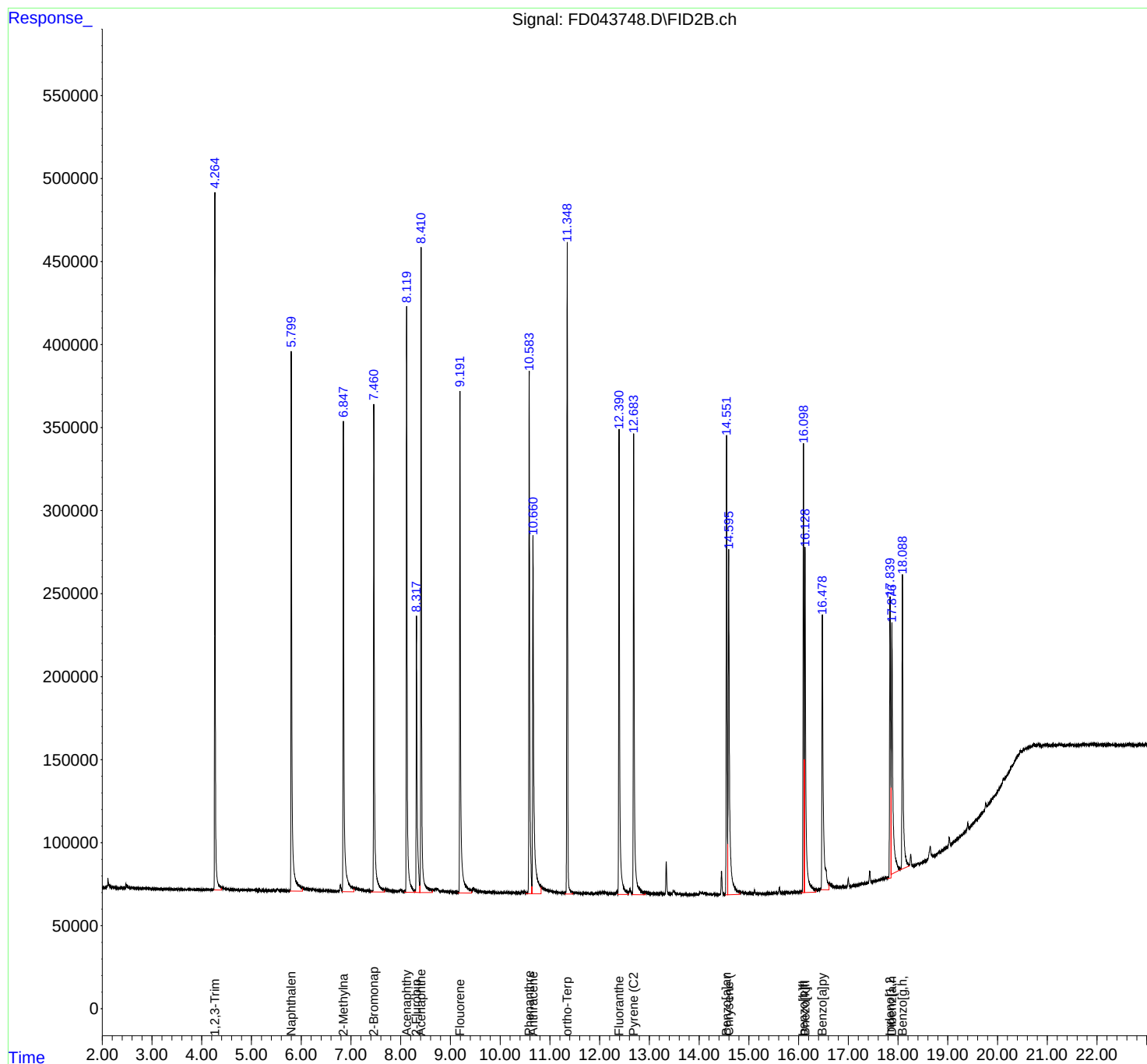
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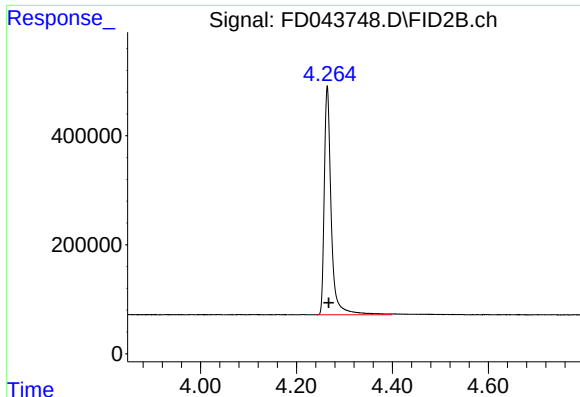
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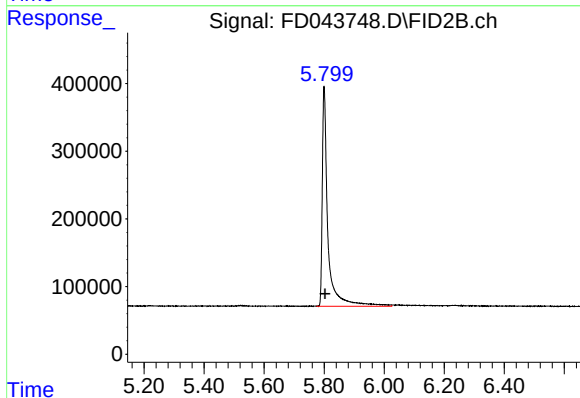
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.264 min
Delta R.T.: -0.003 min
Response: 4226920
Conc: 21.23 ug/ml

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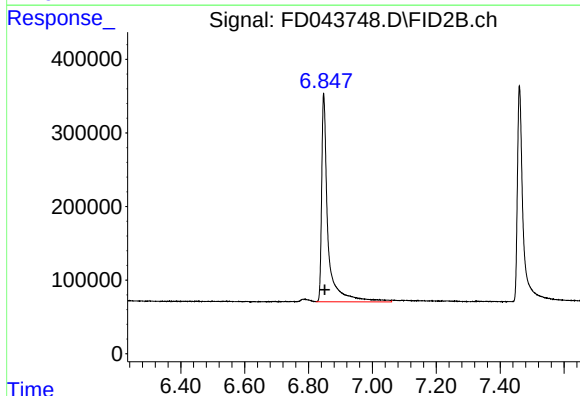
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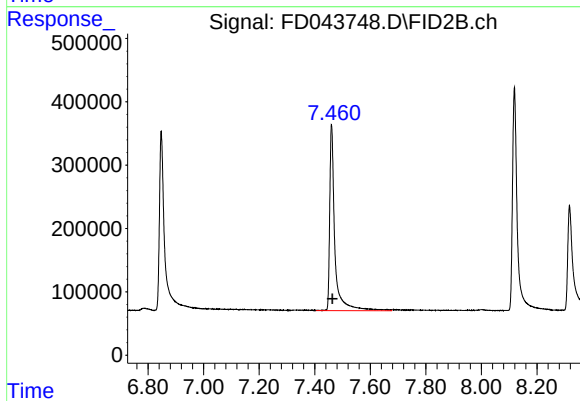
#2 Naphthalene (C11.7)

R.T.: 5.800 min
Delta R.T.: -0.003 min
Response: 4266920
Conc: 21.23 ug/ml



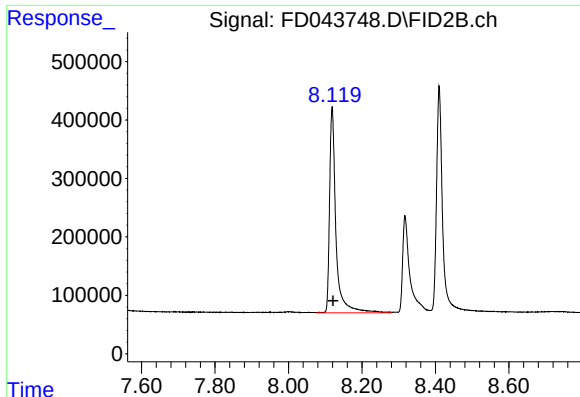
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.848 min
Delta R.T.: -0.003 min
Response: 3925365
Conc: 21.75 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.461 min
Delta R.T.: -0.002 min
Response: 3802888
Conc: 22.01 ug/ml



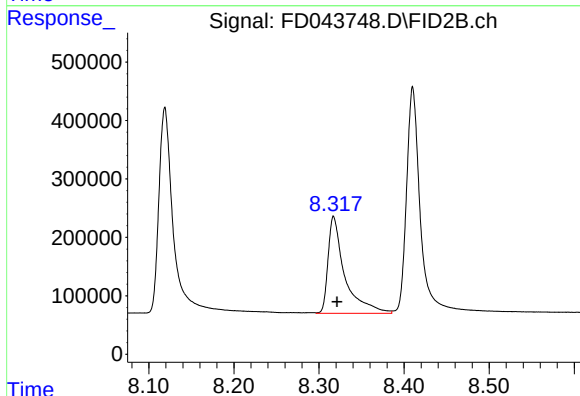
#5 Acenaphthylene (C15.06)

R.T.: 8.119 min
Delta R.T.: -0.002 min
Response: 4271182
Conc: 21.37 ug/ml

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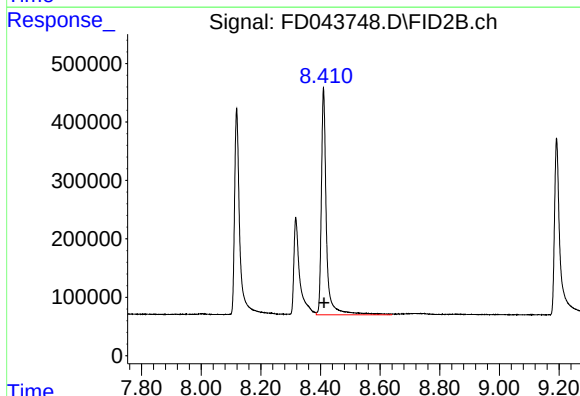
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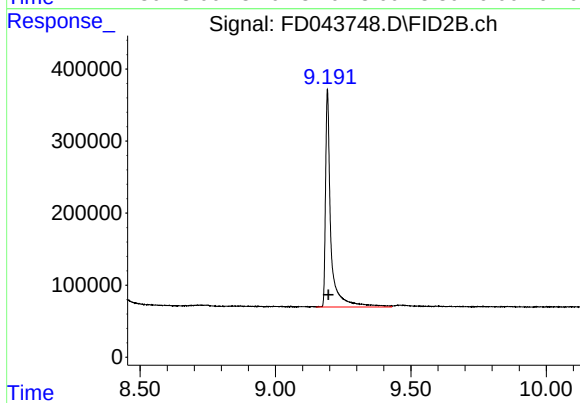
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.317 min
Delta R.T.: -0.004 min
Response: 2269729
Conc: 22.56 ug/ml



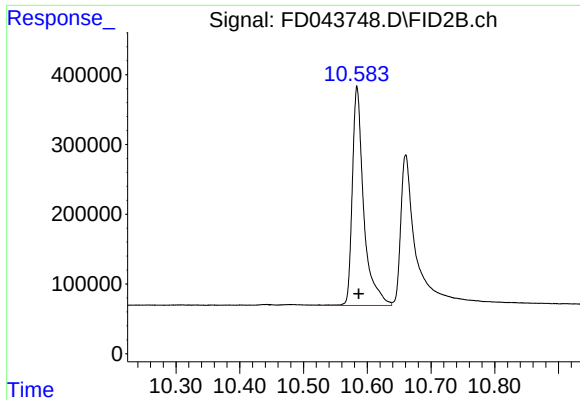
#7 Acenaphthene (C15.5)

R.T.: 8.410 min
Delta R.T.: -0.002 min
Response: 4630536
Conc: 21.54 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.192 min
Delta R.T.: -0.003 min
Response: 4160267
Conc: 21.70 ug/ml



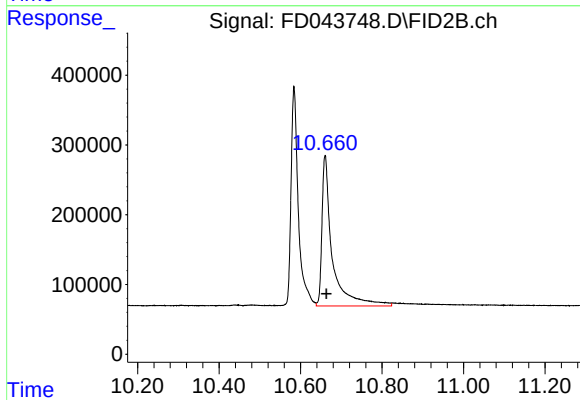
#9 Phenanthrene (C19.36)

R.T.: 10.584 min
Delta R.T.: -0.003 min
Response: 3905969
Conc: 21.72 ug/ml

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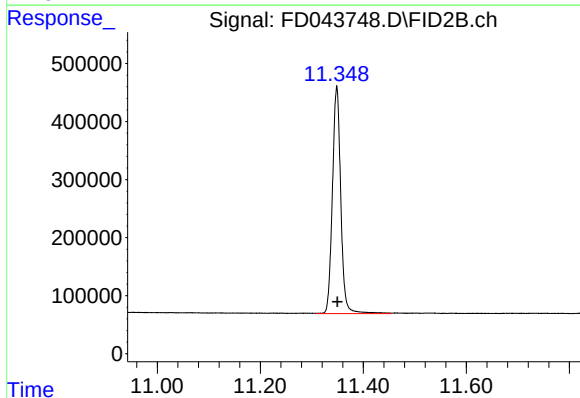
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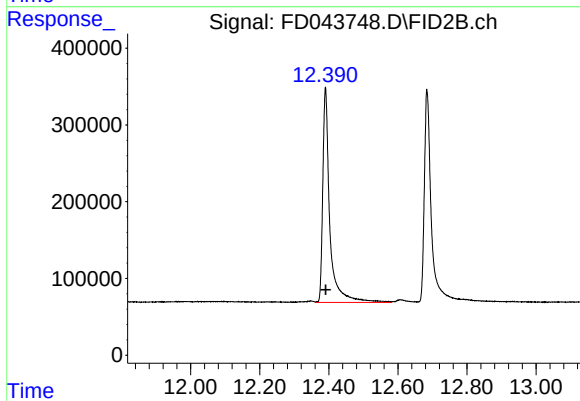
#10 Anthracene (C19.43)

R.T.: 10.660 min
Delta R.T.: -0.004 min
Response: 3806671
Conc: 19.57 ug/ml



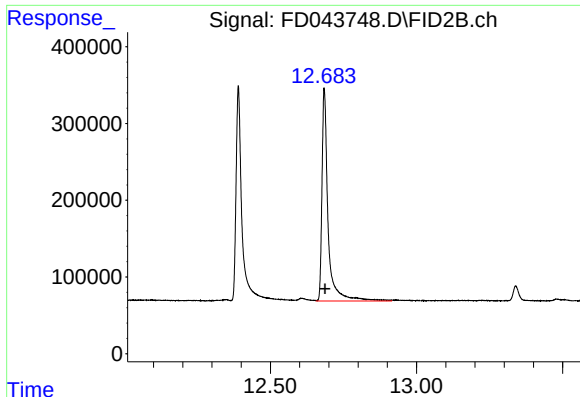
#11 ortho-Terphenyl (SURR)

R.T.: 11.348 min
Delta R.T.: -0.002 min
Response: 4421890
Conc: 21.14 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.391 min
Delta R.T.: -0.001 min
Response: 3976032
Conc: 21.80 ug/ml



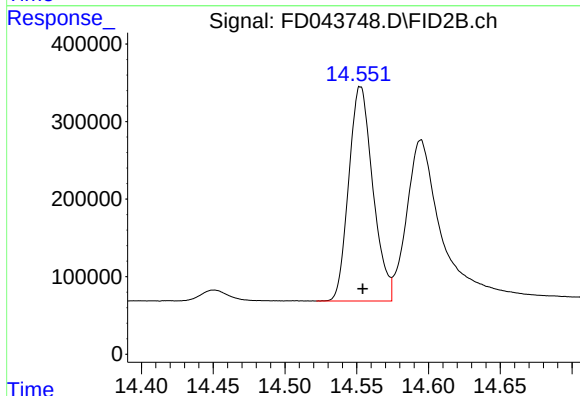
#13 Pyrene (C20.8)

R.T.: 12.685 min
Delta R.T.: -0.002 min
Response: 4057105
Conc: 21.73 ug/ml

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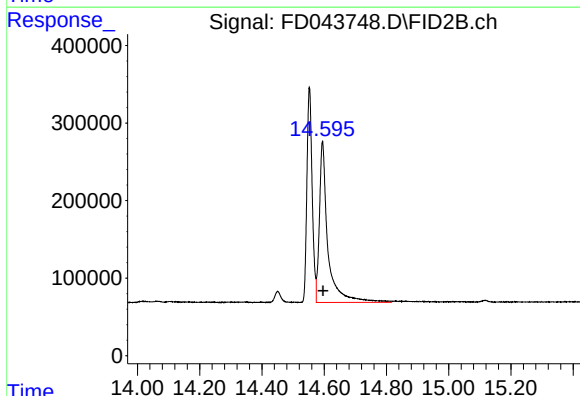
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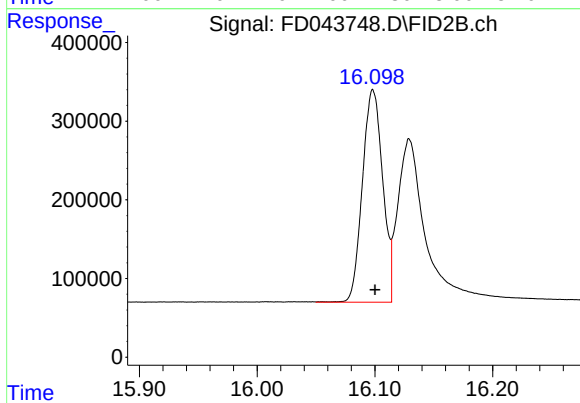
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.553 min
Delta R.T.: -0.001 min
Response: 3237570
Conc: 22.63 ug/ml



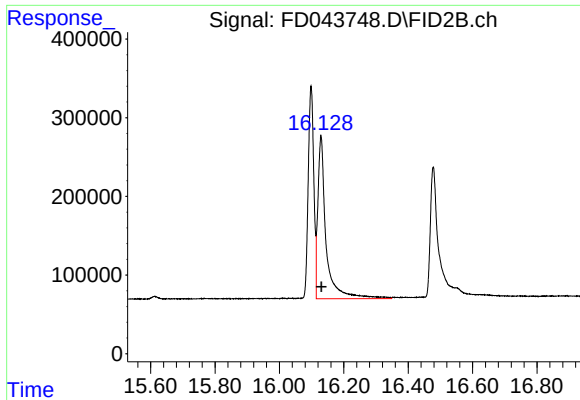
#15 Chrysene (C27.41)

R.T.: 14.595 min
Delta R.T.: -0.002 min
Response: 3944668
Conc: 20.44 ug/ml



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

R.T.: 16.098 min
Delta R.T.: -0.002 min
Response: 3233986
Conc: 22.41 ug/ml



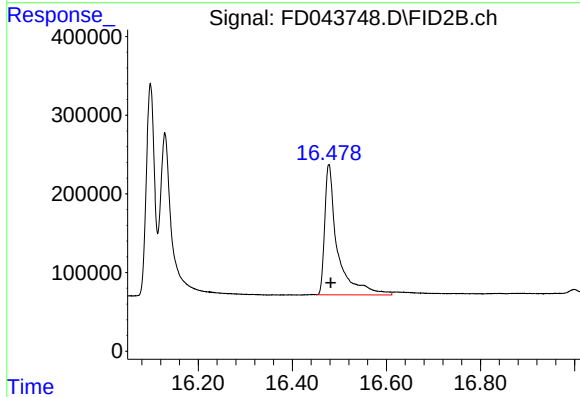
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.129 min
Delta R.T.: -0.002 min
Response: 3698323
Conc: 21.50 ug/ml

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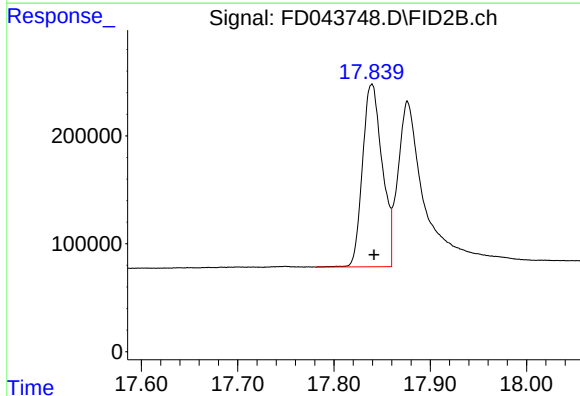
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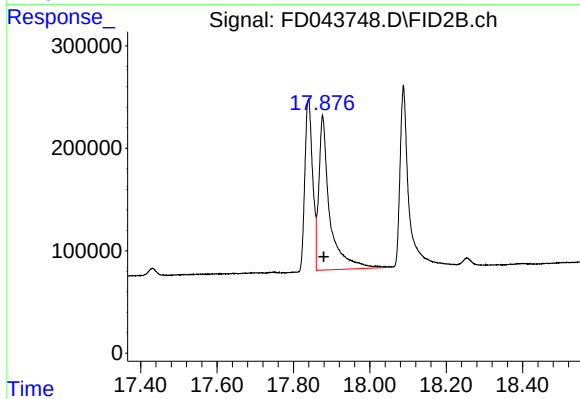
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.478 min
Delta R.T.: -0.004 min
Response: 3141720
Conc: 21.64 ug/ml m



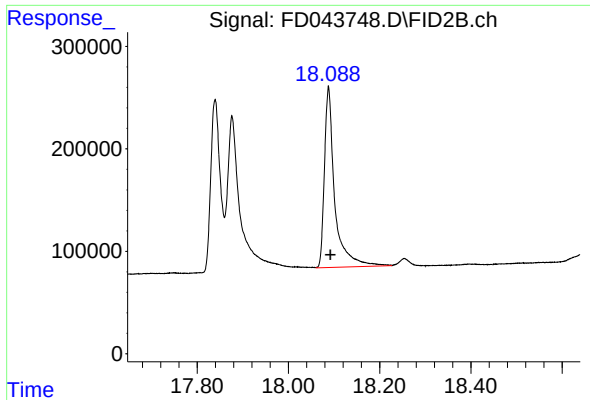
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.839 min
Delta R.T.: -0.003 min
Response: 2425533
Conc: 23.45 ug/ml m



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

R.T.: 17.876 min
Delta R.T.: -0.003 min
Response: 2998966
Conc: 21.31 ug/ml m



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

R.T.: 18.087 min
Delta R.T.: -0.004 min
Response: 2774450
Conc: 21.79 ug/ml

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