

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090822AR\
 Data File : FD043833.D
 Signal(s) : FID2B.ch
 Acq On : 08 Sep 2022 13:21
 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 09/08/2022
 Supervised By :Ankita Jodhani 09/09/2022

Integration File: autoint1.e
 Quant Time: Sep 08 14:08:41 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 07 10:52:36 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...	7.437	3709981	21.472 ug/ml
Spiked Amount 50.000		Recovery =	42.94%
6) S 2-Fluorobiphenyl (SURR)	8.292	2274072	22.607 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.21%
11) S ortho-Terphenyl (SURR)	11.322	4443434	21.239 ug/ml
Spiked Amount 50.000		Recovery =	42.48%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.245	4190064	21.040 ug/ml
2) T Naphthalene (C11.7)	5.777	4117399	20.485 ug/ml
3) T 2-Methylnaphthalene (...)	6.824	3770483	20.889 ug/ml
5) T Acenaphthylene (C15.06)	8.093	4258914	21.306 ug/ml
7) T Acenaphthene (C15.5)	8.385	4440181	20.656 ug/ml
8) T Flouorene (C16.55)	9.165	4050240	21.127 ug/ml
9) T Phenanthrene (C19.36)	10.557	3978004	22.121 ug/ml
10) T Anthracene (C19.43)	10.633	3878360	19.939 ug/ml
12) T Fluoranthene (C21.85)	12.361	3958754	21.708 ug/ml
13) T Pyrene (C20.8)	12.654	4006136	21.462 ug/ml
14) T Benzo[a]anthracene (C...	14.523	3298044	23.050 ug/ml
15) T Chrysene (C27.41)	14.564	3799975	19.688 ug/ml
16) T benzo[b]fluoranthene ...	16.068	3275773	22.701 ug/ml
17) T Bnezo[k]fluoranthene ...	16.099	3318909	19.297 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.445	2986657	20.568 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.807	2486207	24.041 ug/ml
20) T Dibenz[a,h]anthracene...	17.844	3237672	23.007 ug/ml
21) T Benzo[g,h,i]perylene ...	18.057	2978418	23.396 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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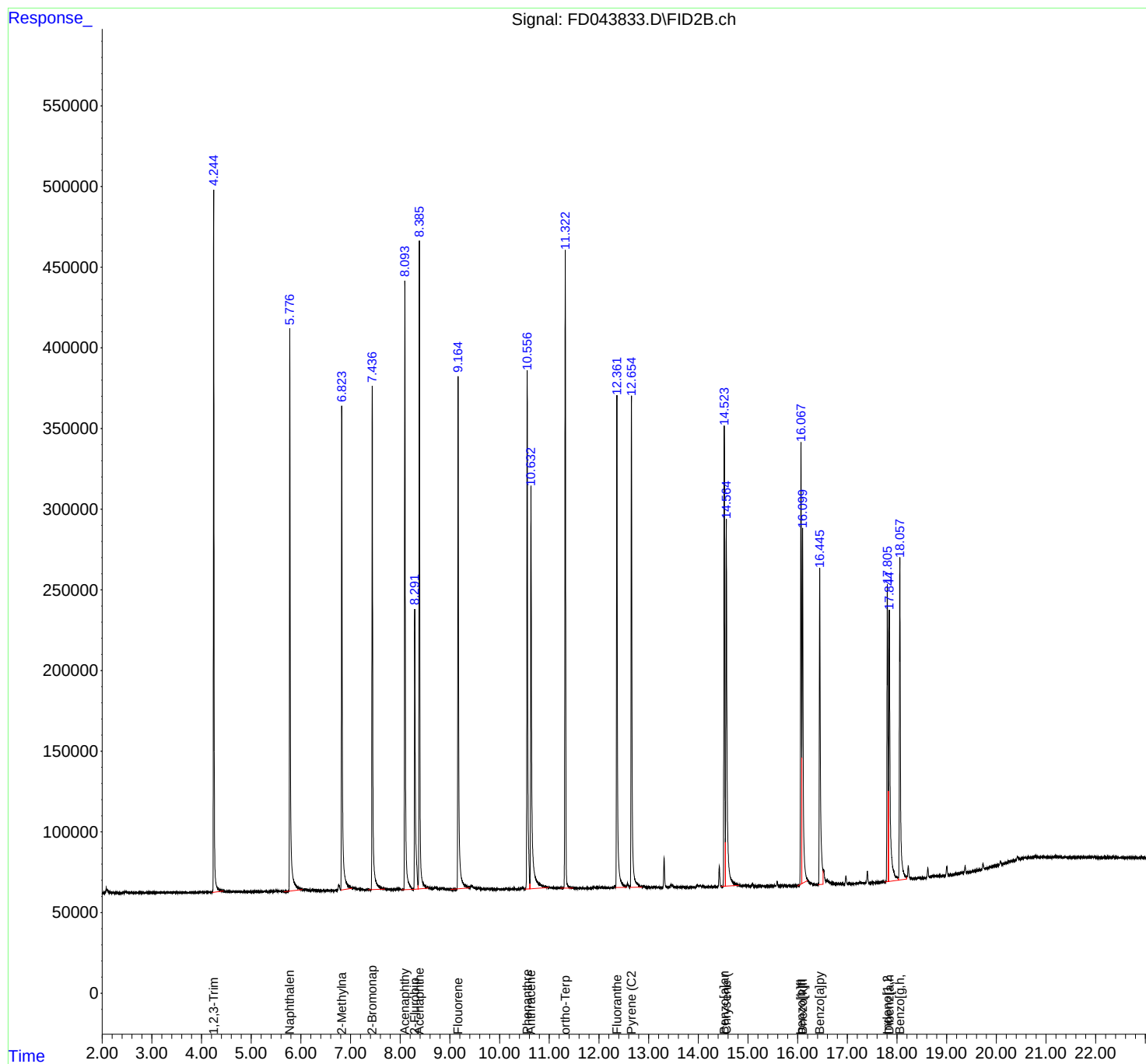
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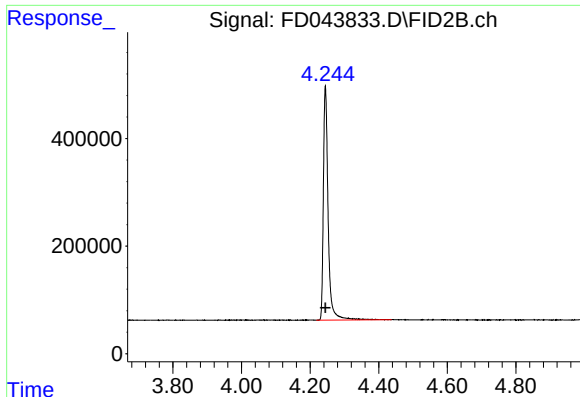
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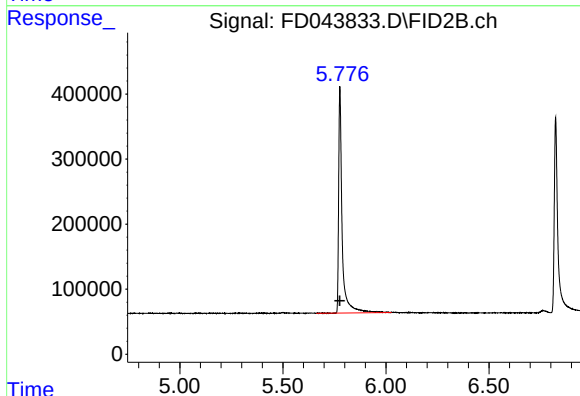
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.245 min
Delta R.T.: 0.000 min
Response: 4190064
Conc: 21.04 ug/ml

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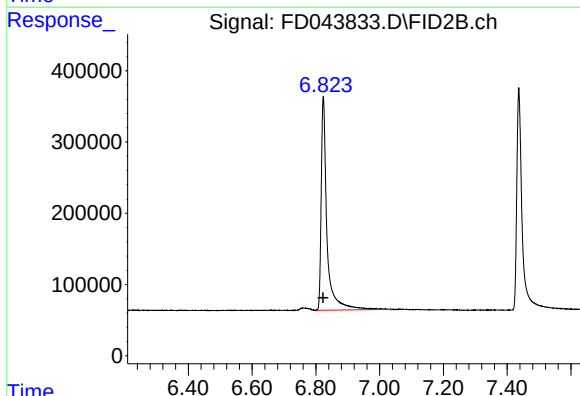
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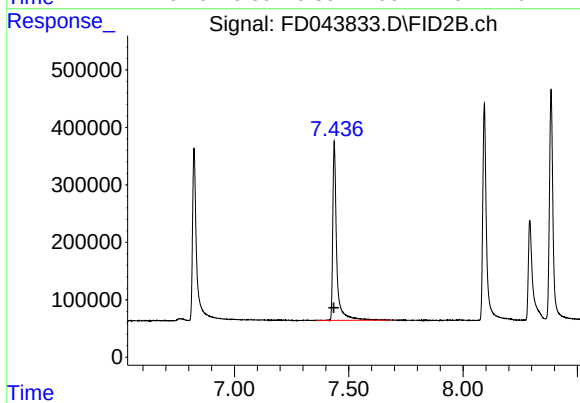
#2 Naphthalene (C11.7)

R.T.: 5.777 min
Delta R.T.: 0.001 min
Response: 4117399
Conc: 20.48 ug/ml



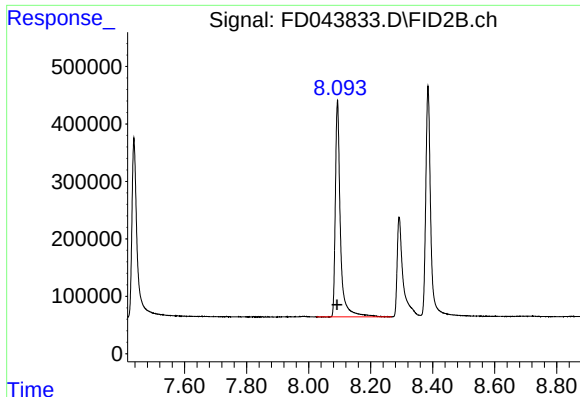
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.824 min
Delta R.T.: 0.001 min
Response: 3770483
Conc: 20.89 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.437 min
Delta R.T.: 0.002 min
Response: 3709981
Conc: 21.47 ug/ml



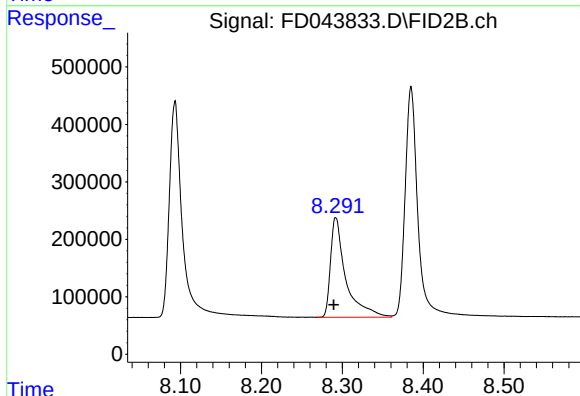
#5 Acenaphthylene (C15.06)

R.T.: 8.093 min
Delta R.T.: 0.002 min
Response: 4258914
Conc: 21.31 ug/ml

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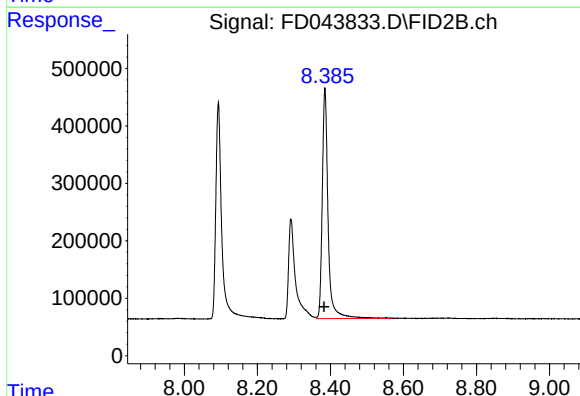
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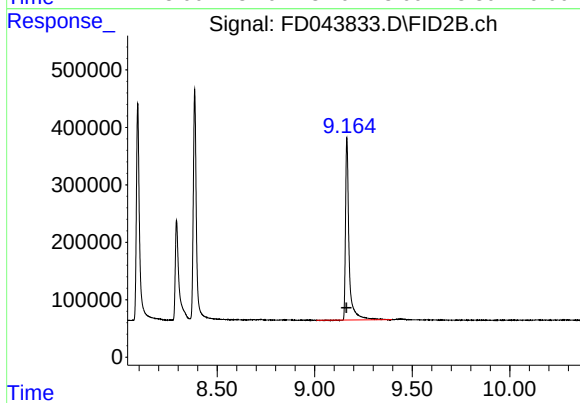
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.292 min
Delta R.T.: 0.003 min
Response: 2274072
Conc: 22.61 ug/ml



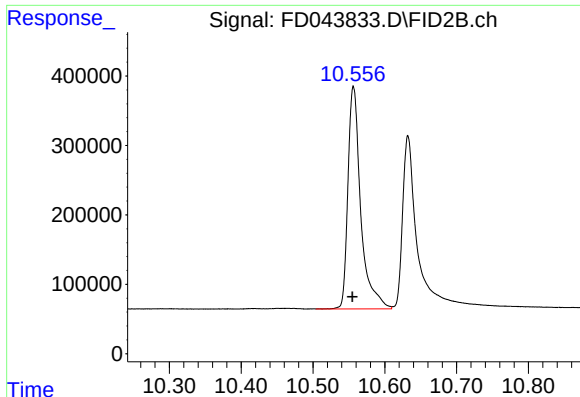
#7 Acenaphthene (C15.5)

R.T.: 8.385 min
Delta R.T.: 0.003 min
Response: 4440181
Conc: 20.66 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.165 min
Delta R.T.: 0.002 min
Response: 4050240
Conc: 21.13 ug/ml



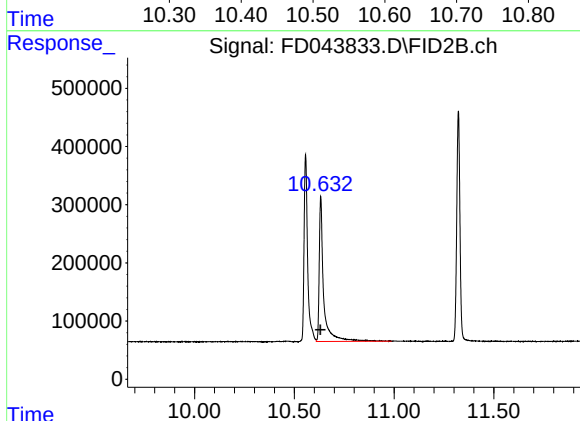
#9 Phenanthrene (C19.36)

R.T.: 10.557 min
Delta R.T.: 0.002 min
Response: 3978004
Conc: 22.12 ug/ml

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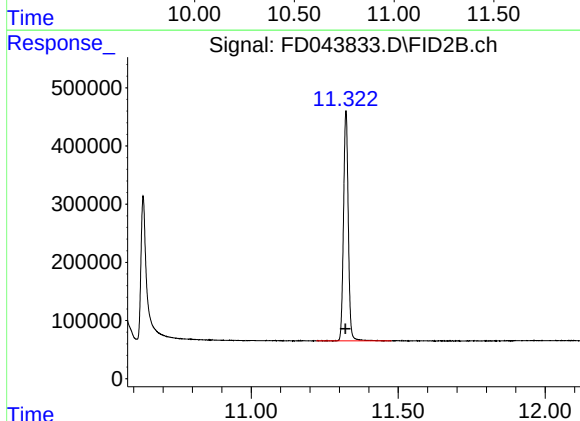
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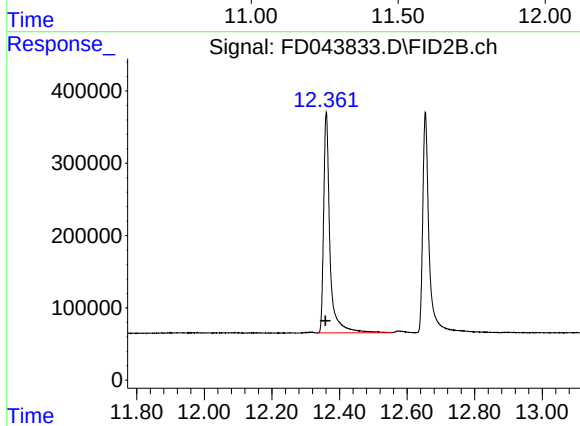
#10 Anthracene (C19.43)

R.T.: 10.633 min
Delta R.T.: 0.002 min
Response: 3878360
Conc: 19.94 ug/ml



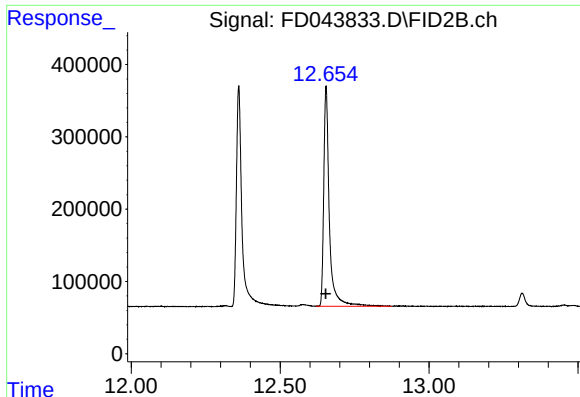
#11 ortho-Terphenyl (SURR)

R.T.: 11.322 min
Delta R.T.: 0.002 min
Response: 4443434
Conc: 21.24 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.361 min
Delta R.T.: 0.002 min
Response: 3958754
Conc: 21.71 ug/ml



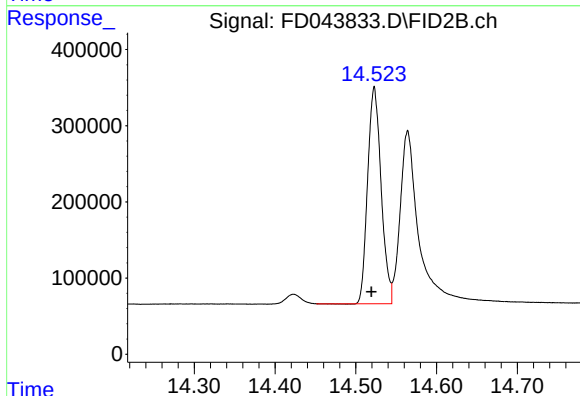
#13 Pyrene (C20.8)

R.T.: 12.654 min
Delta R.T.: 0.002 min
Response: 4006136
Conc: 21.46 ug/ml

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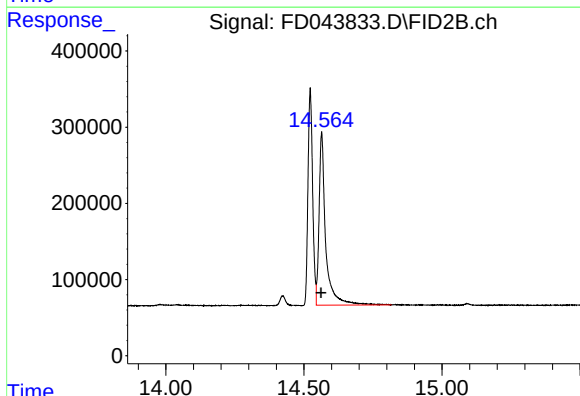
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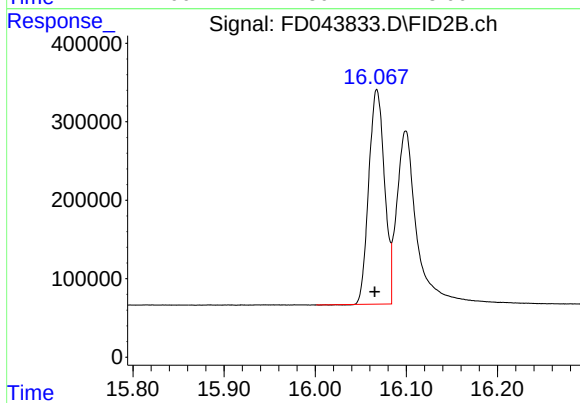
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.523 min
Delta R.T.: 0.004 min
Response: 3298044
Conc: 23.05 ug/ml



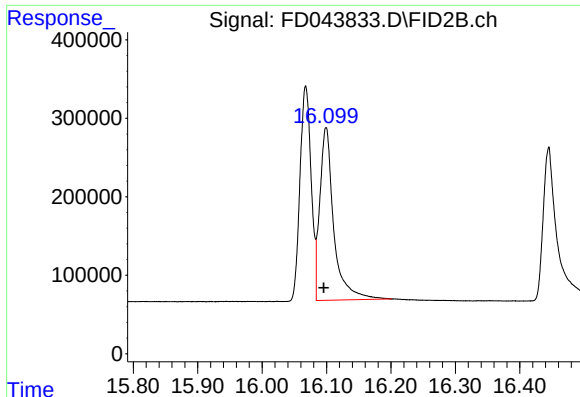
#15 Chrysene (C27.41)

R.T.: 14.564 min
Delta R.T.: 0.002 min
Response: 3799975
Conc: 19.69 ug/ml



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

R.T.: 16.068 min
Delta R.T.: 0.002 min
Response: 3275773
Conc: 22.70 ug/ml



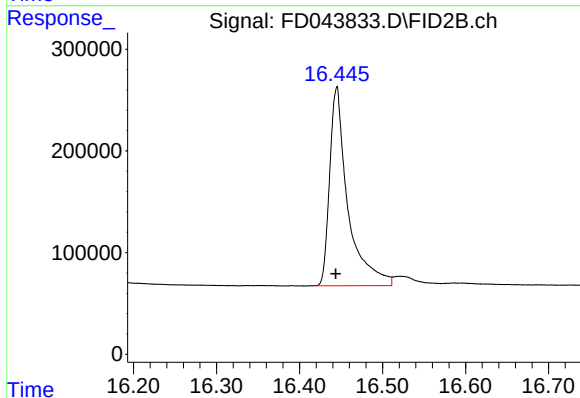
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.099 min
Delta R.T.: 0.003 min
Response: 3318909
Conc: 19.30 ug/ml

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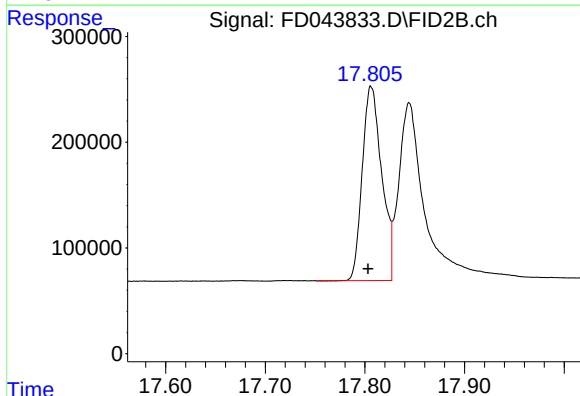
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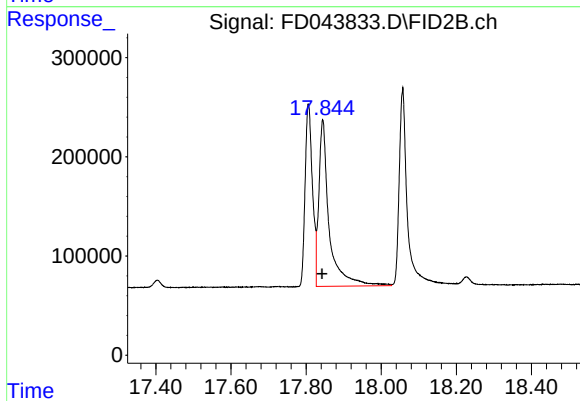
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.445 min
Delta R.T.: 0.001 min
Response: 2986657
Conc: 20.57 ug/ml m



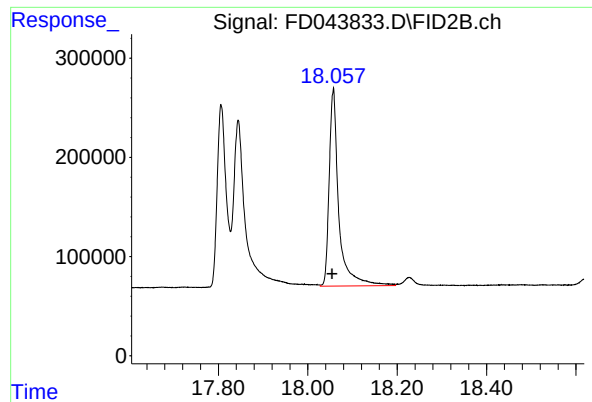
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.807 min
Delta R.T.: 0.003 min
Response: 2486207
Conc: 24.04 ug/ml



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

R.T.: 17.844 min
Delta R.T.: 0.002 min
Response: 3237672
Conc: 23.01 ug/ml



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

R.T.: 18.057 min
Delta R.T.: 0.003 min
Response: 2978418
Conc: 23.40 ug/ml

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