

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051723AR\
 Data File : FD045675.D
 Signal(s) : FID2B.ch
 Acq On : 18 May 2023 06:30
 Operator : YP/AJ
 Sample : 02798-01MS
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 WATERWITCH-AVE-SAMPLEMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/18/2023
 Supervised By :Ankita Jodhani 05/18/2023

Integration File: autoint1.e
 Quant Time: May 18 07:44:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050523.M
 Quant Title : GC Extractables
 QLast Update : Fri May 05 18:09:33 2023
 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...	7.544	8517226	49.933 ug/ml
Spiked Amount 50.000		Recovery =	99.87%
6) S 2-Fluorobiphenyl (SURR)	8.400	5336836	46.418 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	92.84%
11) S ortho-Terphenyl (SURR)	11.439	7384910	34.980 ug/ml
Spiked Amount 50.000		Recovery =	69.96%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.352	8142242	43.619 ug/ml
2) T Naphthalene (C11.7)	5.882	9321492	47.389 ug/ml
3) T 2-Methylnaphthalene (...)	6.933	9542191	48.304 ug/ml
5) T Acenaphthylene (C15.06)	8.206	10607127	59.038 ug/ml
7) T Acenaphthene (C15.5)	8.503	11204022	58.876 ug/ml
8) T Flouorene (C16.55)	9.282	11055470	58.621 ug/ml
9) T Phenanthrene (C19.36)	10.673	11030674	59.345 ug/ml
10) T Anthracene (C19.43)	10.749	10972372	61.376 ug/ml
12) T Fluoranthene (C21.85)	12.479	10793278	59.831 ug/ml
13) T Pyrene (C20.8)	12.774	10758659	61.387 ug/ml
14) T Benzo[a]anthracene (C...	14.638	9828438	61.748 ug/ml
15) T Chrysene (C27.41)	14.684	9812360	60.429 ug/ml
16) T benzo[b]fluoranthene ...	16.181	9519972	64.640 ug/ml
17) T Bnezo[k]fluoranthene ...	16.220	9100083	62.937 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.558	8278524	59.375 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.918	8111503	63.844 ug/ml
20) T Dibenz[a,h]anthracene...	17.960	8453081	65.818 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.175	8282622	64.394 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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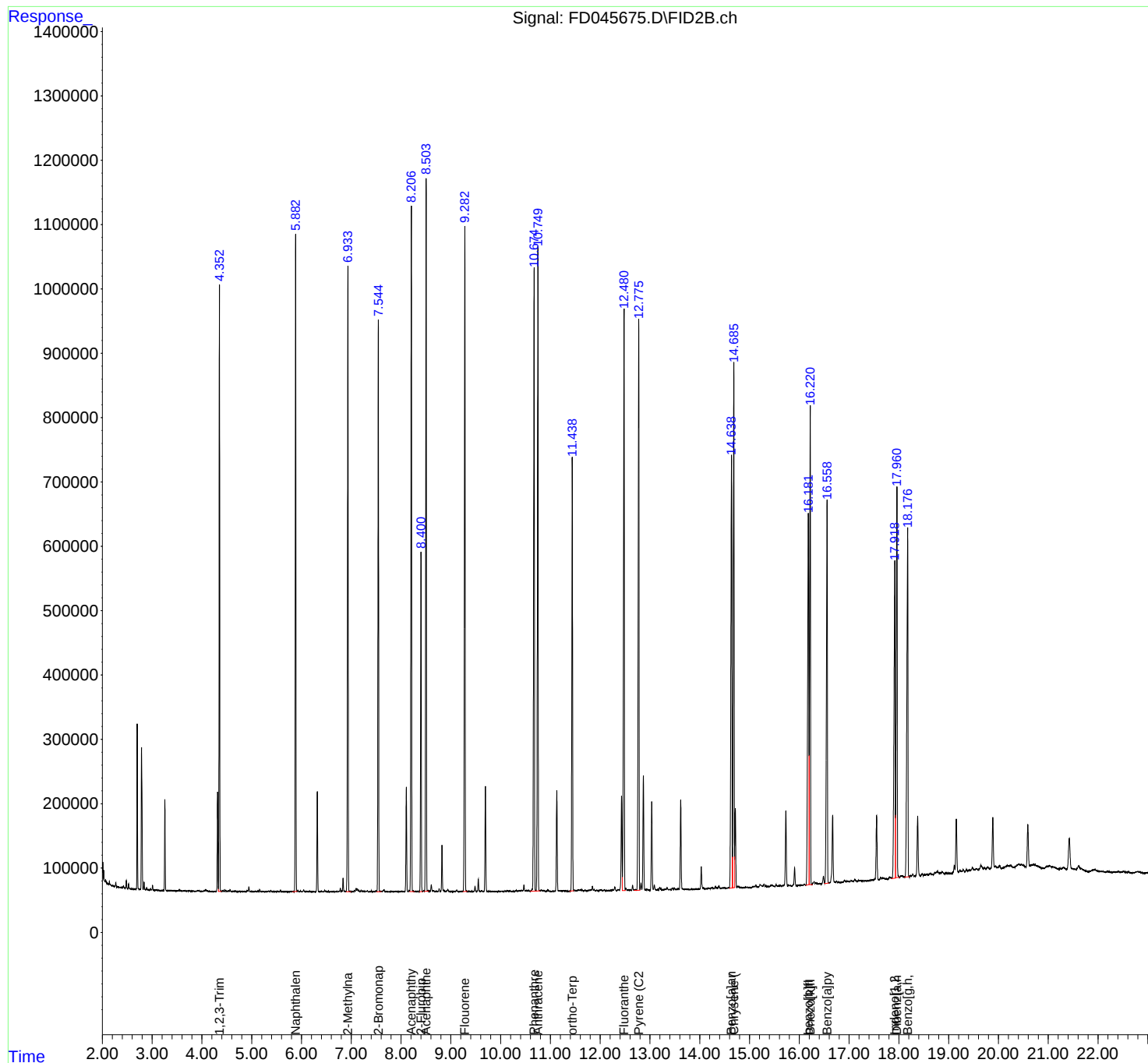
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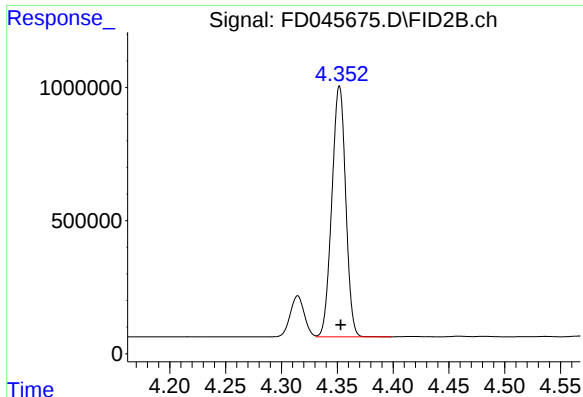
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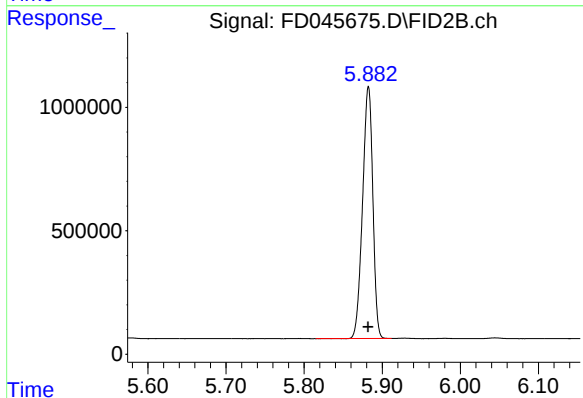
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.352 min
Delta R.T.: -0.001 min
Response: 8142242
Conc: 43.62 ug/ml

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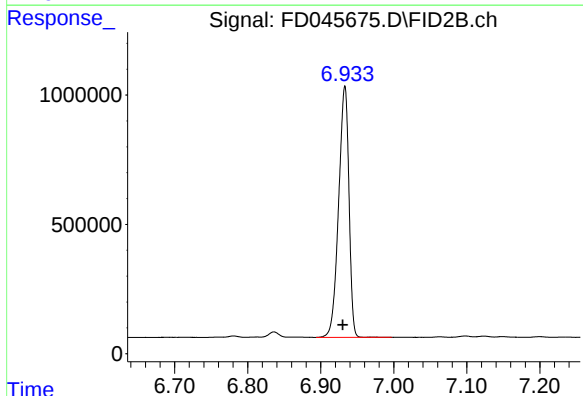
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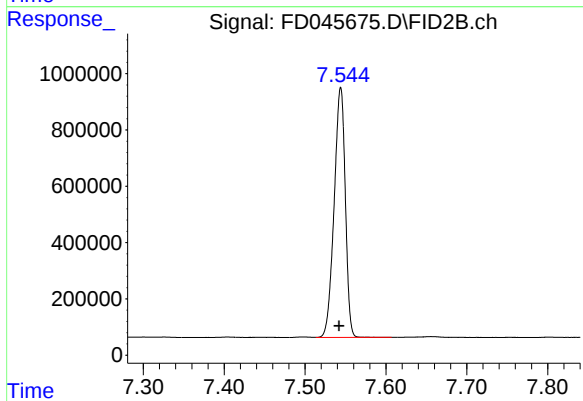
#2 Naphthalene (C11.7)

R.T.: 5.882 min
Delta R.T.: 0.000 min
Response: 9321492
Conc: 47.39 ug/ml



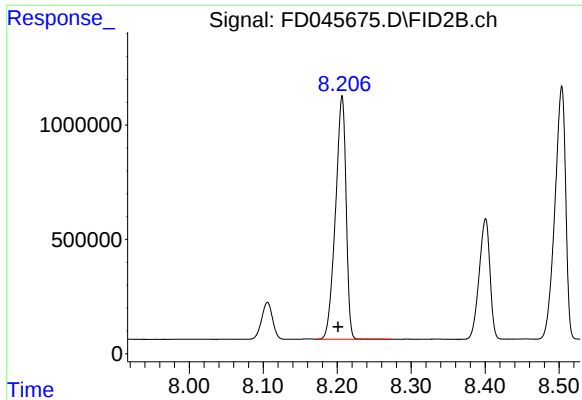
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.933 min
Delta R.T.: 0.002 min
Response: 9542191
Conc: 48.30 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.544 min
Delta R.T.: 0.002 min
Response: 8517226
Conc: 49.93 ug/ml



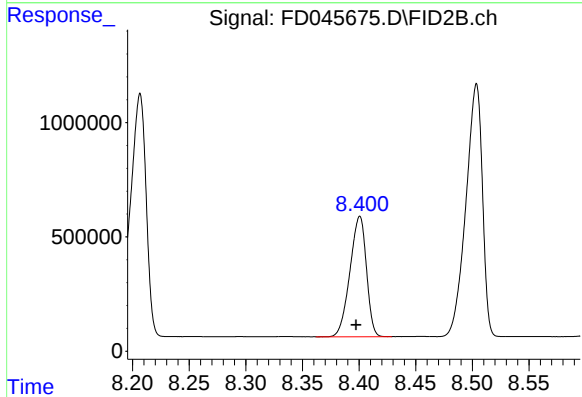
#5 Acenaphthylene (C15.06)

R.T.: 8.206 min
Delta R.T.: 0.005 min
Response: 10607127
Conc: 59.04 ug/ml

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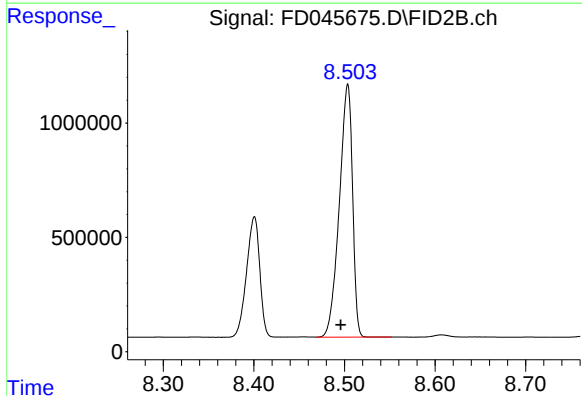
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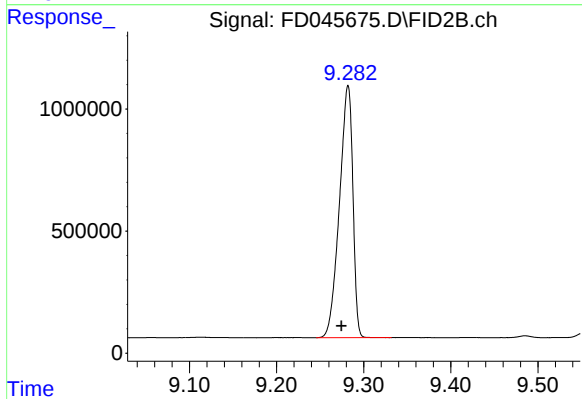
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.400 min
Delta R.T.: 0.003 min
Response: 5336836
Conc: 46.42 ug/ml



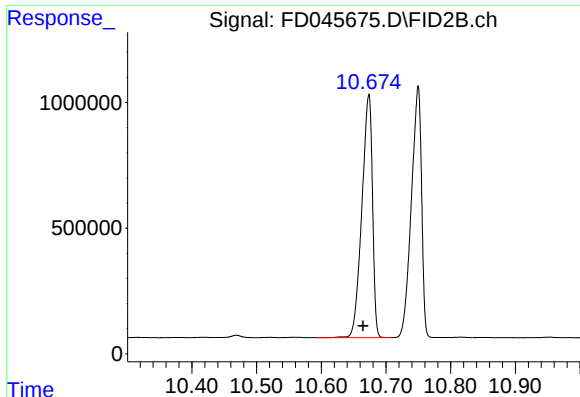
#7 Acenaphthene (C15.5)

R.T.: 8.503 min
Delta R.T.: 0.007 min
Response: 11204022
Conc: 58.88 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.282 min
Delta R.T.: 0.007 min
Response: 11055470
Conc: 58.62 ug/ml



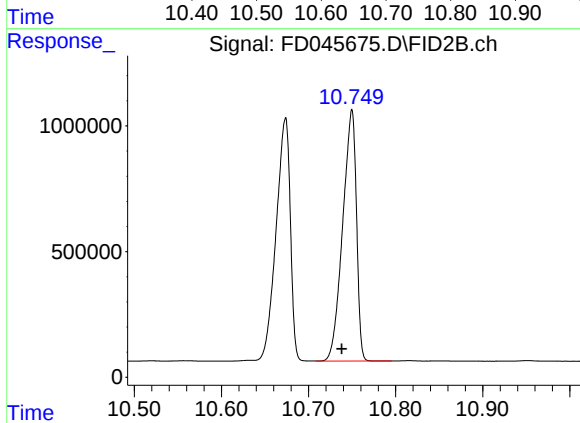
#9 Phenanthrene (C19.36)

R.T.: 10.673 min
Delta R.T.: 0.008 min
Response: 11030674
Conc: 59.34 ug/ml

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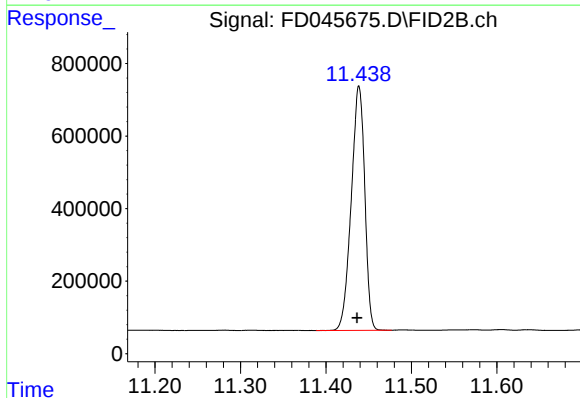
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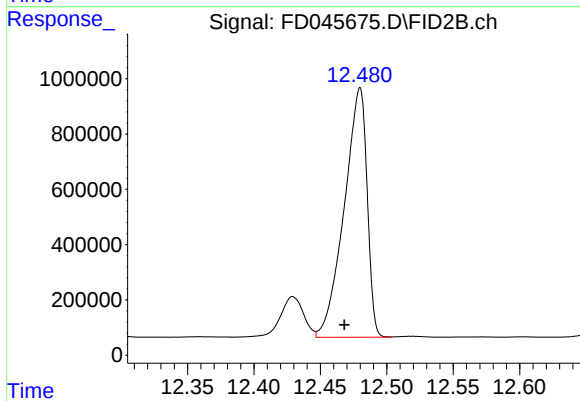
#10 Anthracene (C19.43)

R.T.: 10.749 min
Delta R.T.: 0.011 min
Response: 10972372
Conc: 61.38 ug/ml



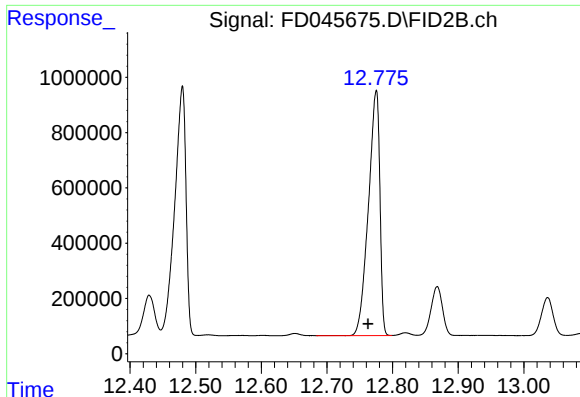
#11 ortho-Terphenyl (SURR)

R.T.: 11.439 min
Delta R.T.: 0.002 min
Response: 7384910
Conc: 34.98 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.479 min
Delta R.T.: 0.011 min
Response: 10793278
Conc: 59.83 ug/ml



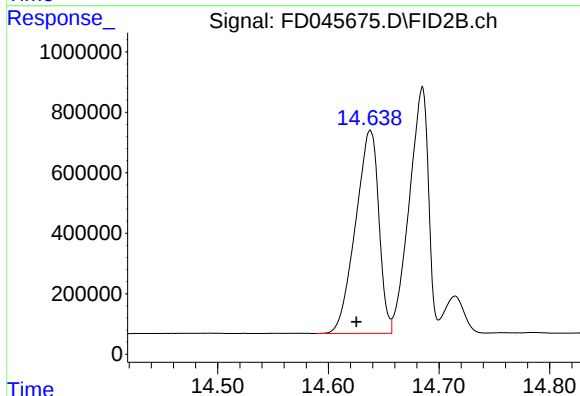
#13 Pyrene (C20.8)

R.T.: 12.774 min
Delta R.T.: 0.012 min
Response: 10758659
Conc: 61.39 ug/ml

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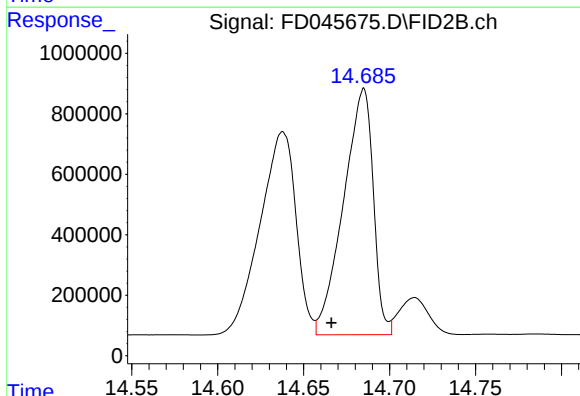
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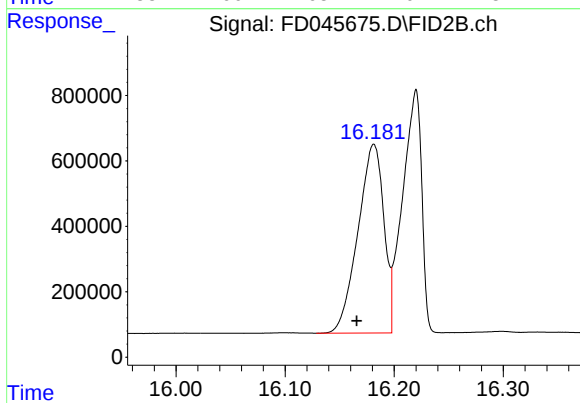
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.638 min
Delta R.T.: 0.012 min
Response: 9828438
Conc: 61.75 ug/ml



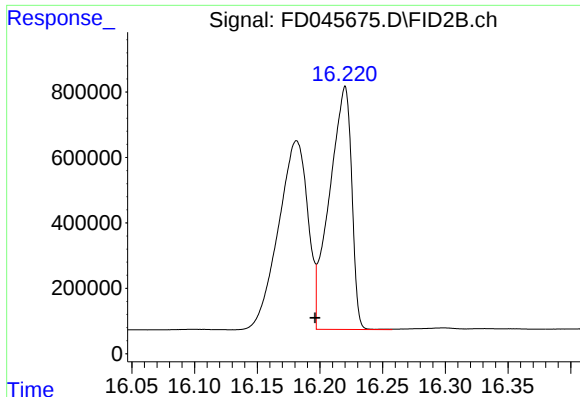
#15 Chrysene (C27.41)

R.T.: 14.684 min
Delta R.T.: 0.018 min
Response: 9812360
Conc: 60.43 ug/ml



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

R.T.: 16.181 min
Delta R.T.: 0.015 min
Response: 9519972
Conc: 64.64 ug/ml



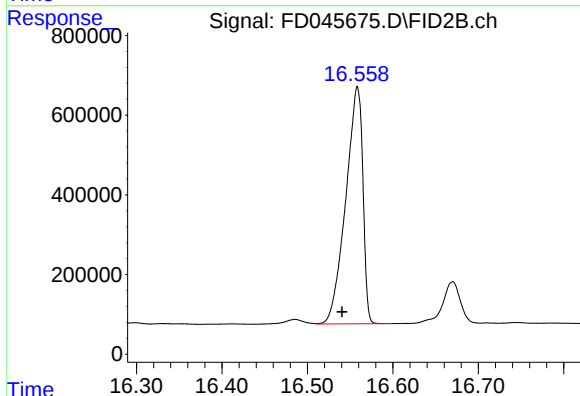
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.220 min
Delta R.T.: 0.024 min
Response: 9100083
Conc: 62.94 ug/ml

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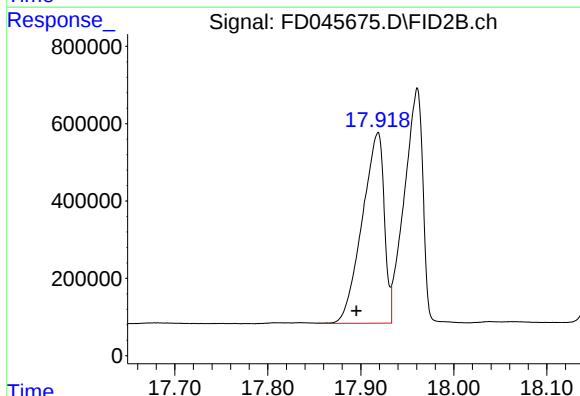
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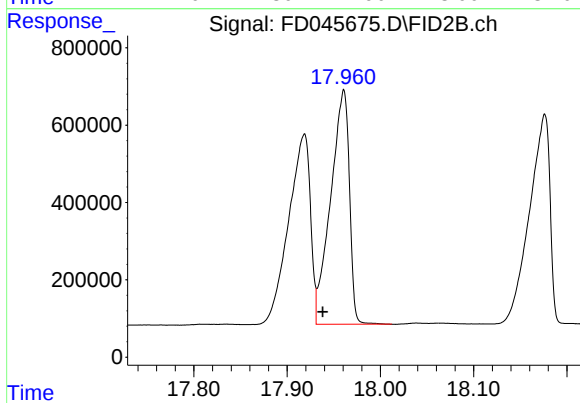
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.558 min
Delta R.T.: 0.018 min
Response: 8278524
Conc: 59.38 ug/ml



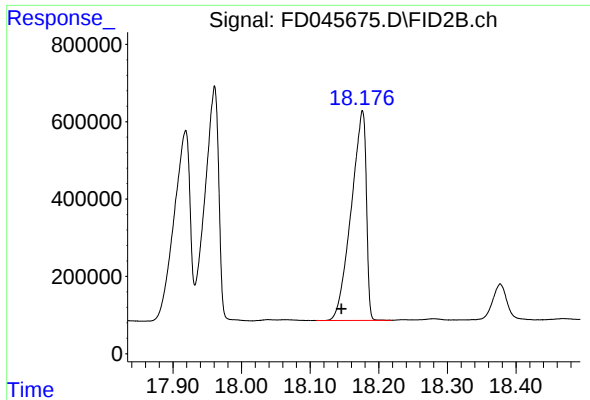
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.918 min
Delta R.T.: 0.022 min
Response: 8111503
Conc: 63.84 ug/ml



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

R.T.: 17.960 min
Delta R.T.: 0.022 min
Response: 8453081
Conc: 65.82 ug/ml m



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

R.T.: 18.175 min
Delta R.T.: 0.030 min
Response: 8282622
Conc: 64.39 ug/ml

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