

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051723AR\
 Data File : FD045676.D
 Signal(s) : FID2B.ch
 Acq On : 18 May 2023 07:08
 Operator : YP/AJ
 Sample : 02798-01MSD
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 WATERWITCH-AVE-SAMPLEMSD

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 07:44:19 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	8693898	50.969 ug/ml
Spiked Amount 50.000		Recovery =	101.94%
6) S 2-Fluorobiphenyl (SURR)	8.401	5461123	47.499 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	95.00%
11) S ortho-Terphenyl (SURR)	11.440	7585852	35.931 ug/ml
Spiked Amount 50.000		Recovery =	71.86%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.353	8303164	44.482 ug/ml
2) T Naphthalene (C11.7)	5.883	9520206	48.400 ug/ml
3) T 2-Methylnaphthalene (...)	6.933	9754436	49.378 ug/ml
5) T Acenaphthylene (C15.06)	8.206	10848795	60.383 ug/ml
7) T Acenaphthene (C15.5)	8.503	11477231	60.312 ug/ml
8) T Flouorene (C16.55)	9.282	11314993	59.997 ug/ml
9) T Phenanthrene (C19.36)	10.673	11316977	60.885 ug/ml
10) T Anthracene (C19.43)	10.750	11278947	63.091 ug/ml
12) T Fluoranthene (C21.85)	12.480	11112897	61.602 ug/ml
13) T Pyrene (C20.8)	12.776	11051275	63.056 ug/ml
14) T Benzo[a]anthracene (C...	14.639	10150499	63.771 ug/ml
15) T Chrysene (C27.41)	14.685	10148353	62.498 ug/ml
16) T benzo[b]fluoranthene ...	16.184	9880373	67.087 ug/ml
17) T Bnezo[k]fluoranthene ...	16.222	9372067	64.818 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.560	8576648	61.514 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.919	8331586	65.576 ug/ml
20) T Dibenz[a,h]anthracene...	17.962	8750812	68.137 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.177	8583844	66.735 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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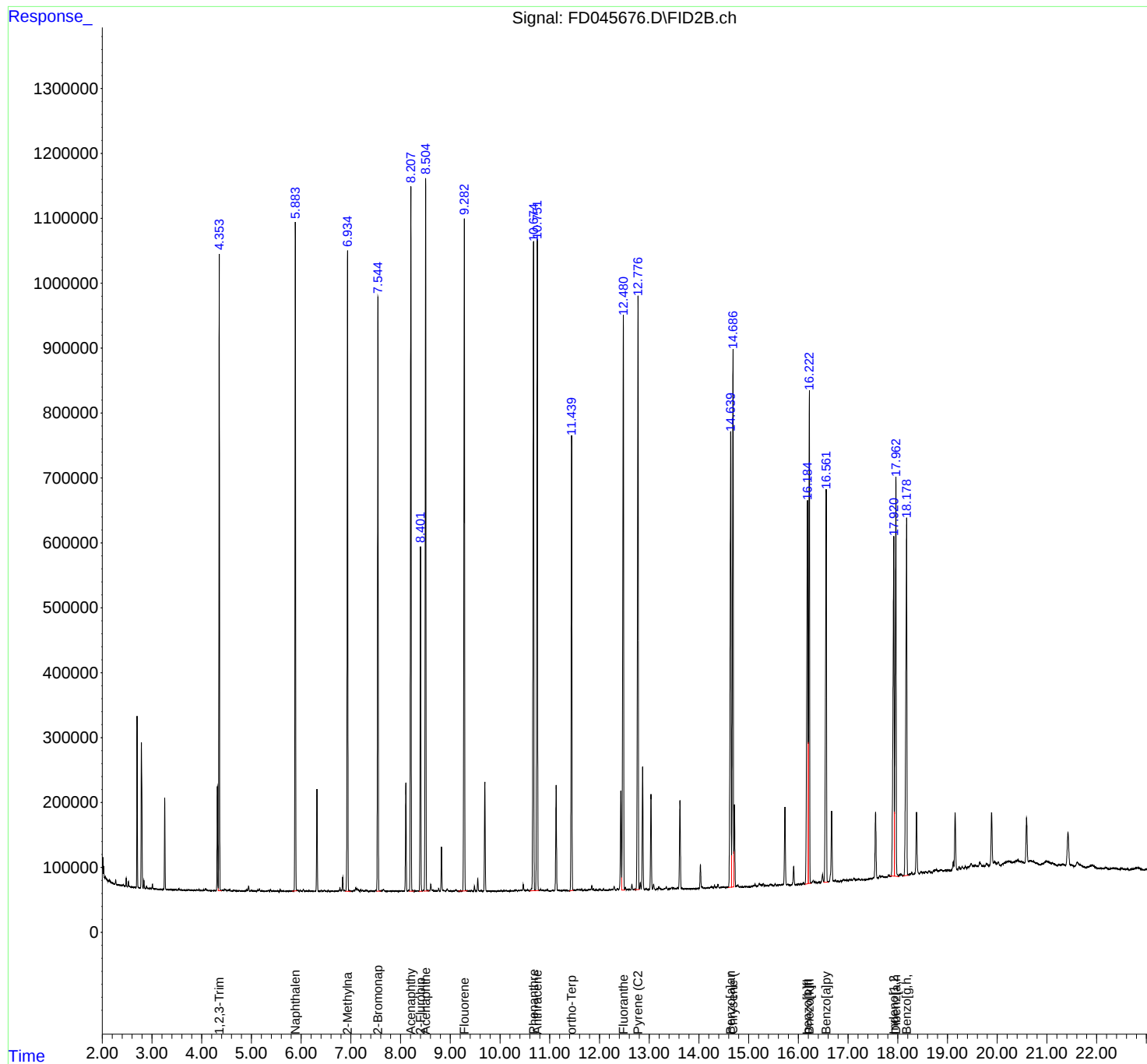
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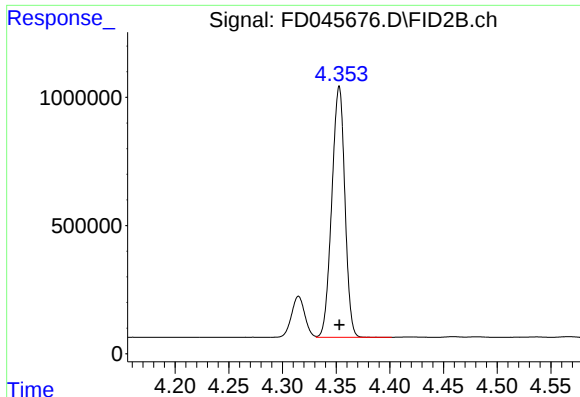
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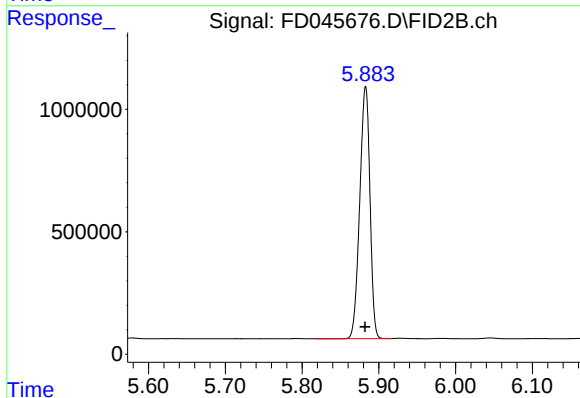
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.353 min
Delta R.T.: 0.000 min
Response: 8303164
Conc: 44.48 ug/ml

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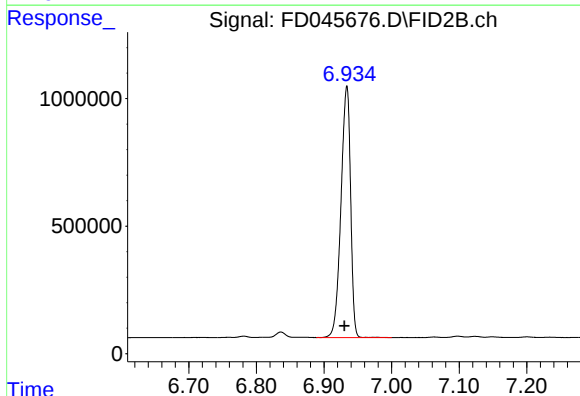
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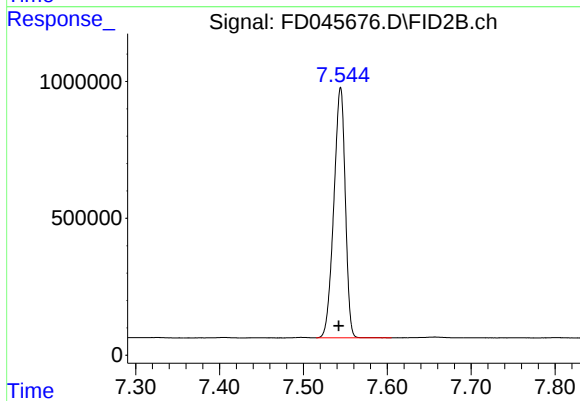
#2 Naphthalene (C11.7)

R.T.: 5.883 min
Delta R.T.: 0.000 min
Response: 9520206
Conc: 48.40 ug/ml



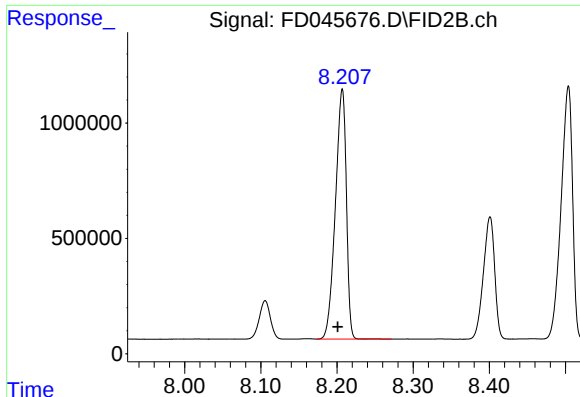
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.933 min
Delta R.T.: 0.003 min
Response: 9754436
Conc: 49.38 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.544 min
Delta R.T.: 0.002 min
Response: 8693898
Conc: 50.97 ug/ml



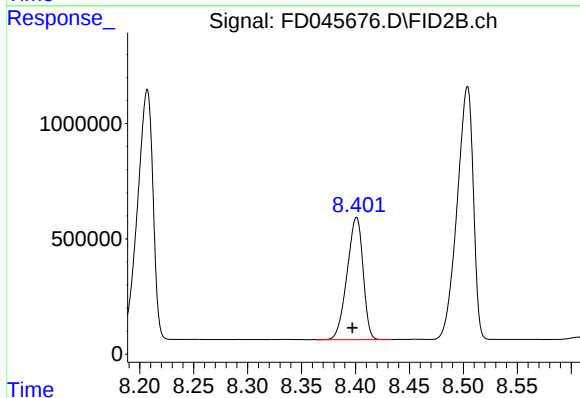
#5 Acenaphthylene (C15.06)

R.T.: 8.206 min
Delta R.T.: 0.005 min
Response: 10848795
Conc: 60.38 ug/ml

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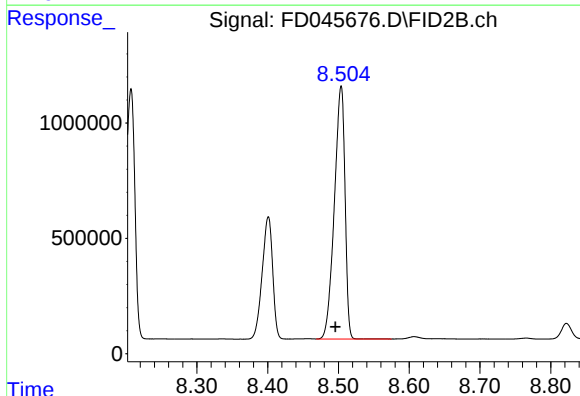
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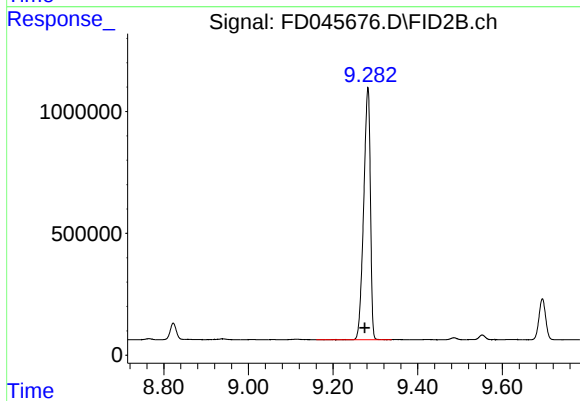
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.401 min
Delta R.T.: 0.004 min
Response: 5461123
Conc: 47.50 ug/ml



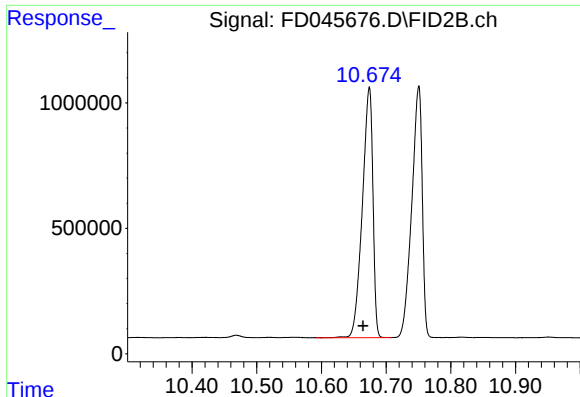
#7 Acenaphthene (C15.5)

R.T.: 8.503 min
Delta R.T.: 0.007 min
Response: 11477231
Conc: 60.31 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.282 min
Delta R.T.: 0.007 min
Response: 11314993
Conc: 60.00 ug/ml



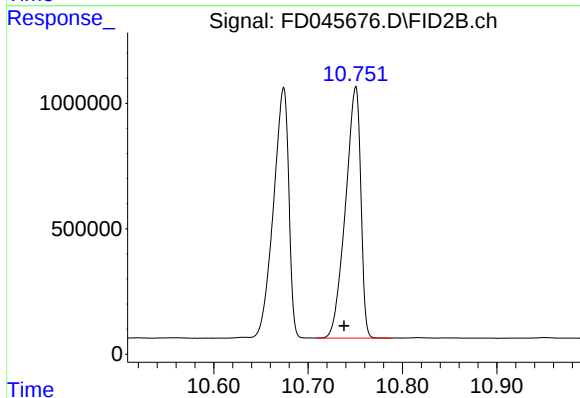
#9 Phenanthrene (C19.36)

R.T.: 10.673 min
Delta R.T.: 0.009 min
Response: 11316977
Conc: 60.89 ug/ml

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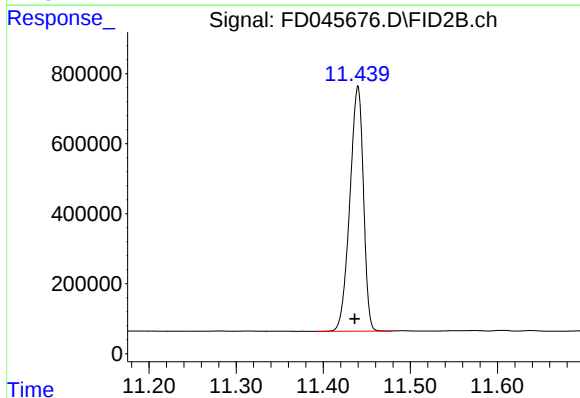
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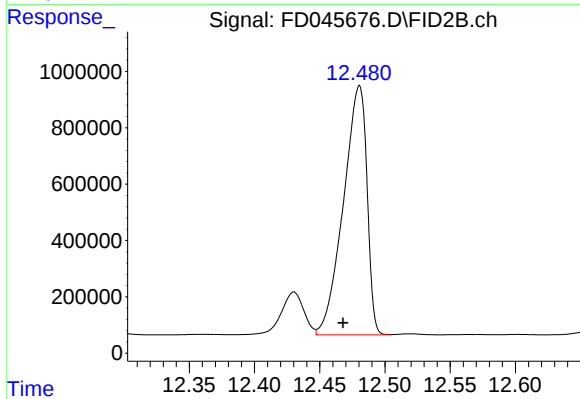
#10 Anthracene (C19.43)

R.T.: 10.750 min
Delta R.T.: 0.012 min
Response: 11278947
Conc: 63.09 ug/ml



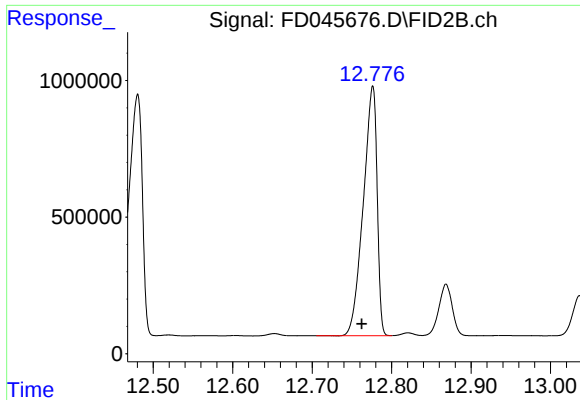
#11 ortho-Terphenyl (SURR)

R.T.: 11.440 min
Delta R.T.: 0.003 min
Response: 7585852
Conc: 35.93 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.480 min
Delta R.T.: 0.012 min
Response: 11112897
Conc: 61.60 ug/ml



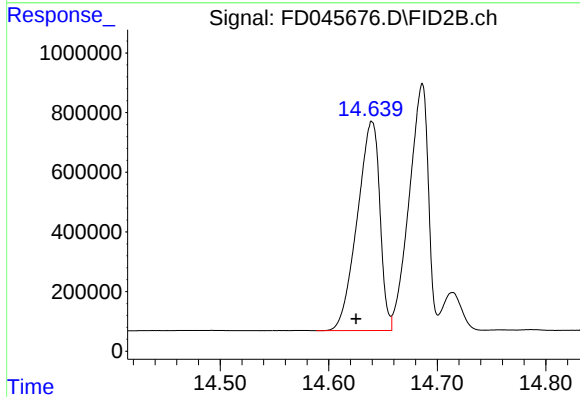
#13 Pyrene (C20.8)

R.T.: 12.776 min
Delta R.T.: 0.013 min
Response: 11051275
Conc: 63.06 ug/ml

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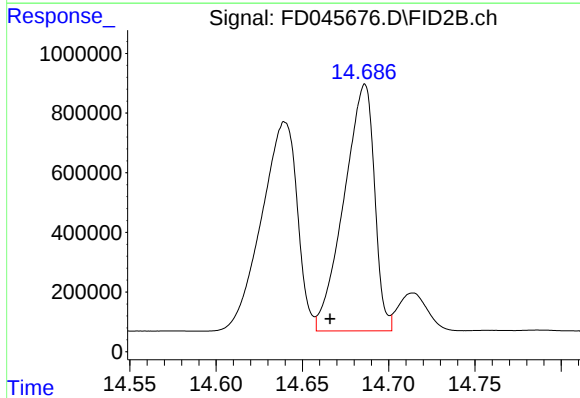
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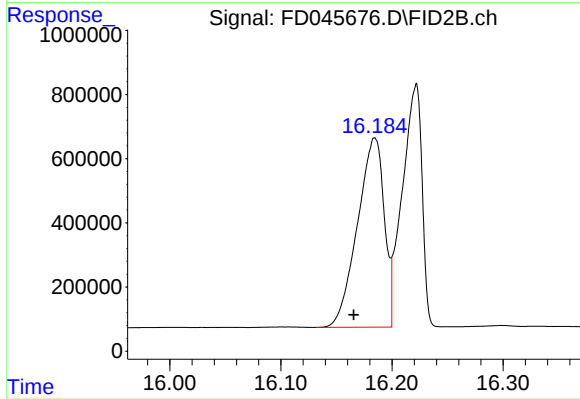
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.639 min
Delta R.T.: 0.014 min
Response: 10150499
Conc: 63.77 ug/ml



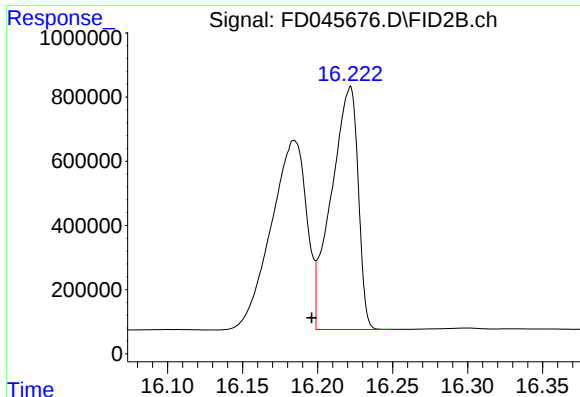
#15 Chrysene (C27.41)

R.T.: 14.685 min
Delta R.T.: 0.019 min
Response: 10148353
Conc: 62.50 ug/ml



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

R.T.: 16.184 min
Delta R.T.: 0.018 min
Response: 9880373
Conc: 67.09 ug/ml



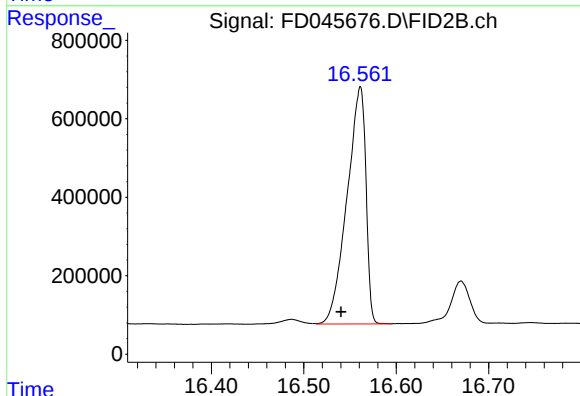
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.222 min
Delta R.T.: 0.026 min
Response: 9372067
Conc: 64.82 ug/ml

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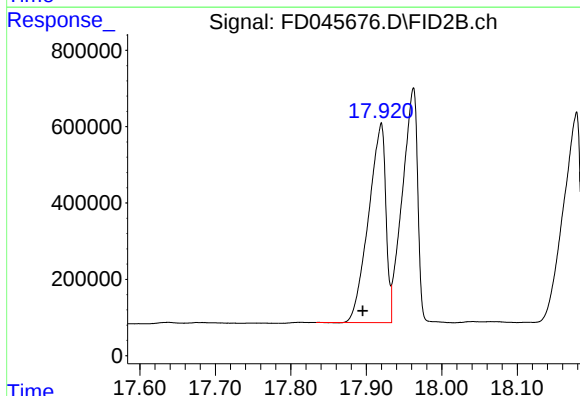
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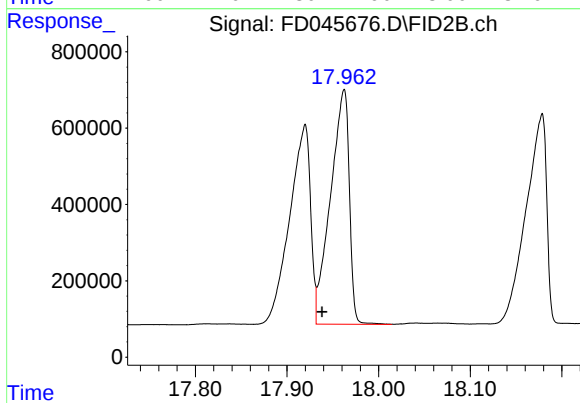
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.560 min
Delta R.T.: 0.020 min
Response: 8576648
Conc: 61.51 ug/ml



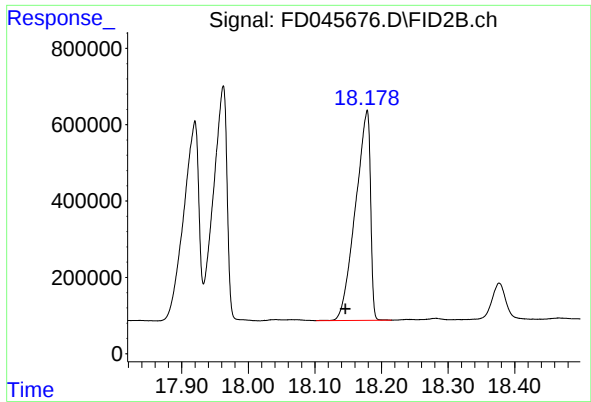
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.919 min
Delta R.T.: 0.023 min
Response: 8331586
Conc: 65.58 ug/ml



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

R.T.: 17.962 min
Delta R.T.: 0.024 min
Response: 8750812
Conc: 68.14 ug/ml m



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

R.T.: 18.177 min
Delta R.T.: 0.031 min
Response: 8583844
Conc: 66.74 ug/ml

Instrument :

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