

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110823AR\
 Data File : FD046863.D
 Signal(s) : FID2B.ch
 Acq On : 08 Nov 2023 16:40
 Operator : YP/AJ
 Sample : PB156991BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB156991BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/09/2023

Supervised By :Ankita Jodhani 11/09/2023

Integration File: autoint1.e

Quant Time: Nov 08 23:09:04 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102723.M

Quant Title : GC Extractables

QLast Update : Sat Oct 28 02:49:53 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...	7.483	8802704	48.267 ug/ml
Spiked Amount 50.000		Recovery =	96.53%
6) S 2-Fluorobiphenyl (SURR)	8.337	5029551	42.738 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	85.48%
11) S ortho-Terphenyl (SURR)	11.375	8963374	42.329 ug/ml
Spiked Amount 50.000		Recovery =	84.66%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.296	5680261	29.412 ug/mlm
2) T Naphthalene (C11.7)	5.822	6654459	33.232 ug/ml
3) T 2-Methylnaphthalene (...)	6.870	7089473	35.274 ug/ml
5) T Acenaphthylene (C15.06)	8.141	7597124	41.305 ug/ml
7) T Acenaphthene (C15.5)	8.437	7619751	38.899 ug/ml
8) T Flouorene (C16.55)	9.215	7898674	42.703 ug/ml
9) T Phenanthrene (C19.36)	10.604	7966036	44.777 ug/ml
10) T Anthracene (C19.43)	10.680	7856960	46.104 ug/ml
12) T Fluoranthene (C21.85)	12.408	8193108	47.439 ug/ml
13) T Pyrene (C20.8)	12.702	8169688	49.133 ug/ml
14) T Benzo[a]anthracene (C...	14.566	7343313	52.194 ug/ml
15) T Chrysene (C27.41)	14.610	7331995	47.013 ug/ml
16) T benzo[b]fluoranthene ...	16.109	7126317	49.791 ug/ml
17) T Bnezo[k]fluoranthene ...	16.145	6901650	47.141 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.485	6542399	46.676 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.845	6821377	53.997 ug/ml
20) T Dibenz[a,h]anthracene...	17.885	6185640	44.277 ug/ml
21) T Benzo[g,h,i]perylene ...	18.099	6293606	45.075 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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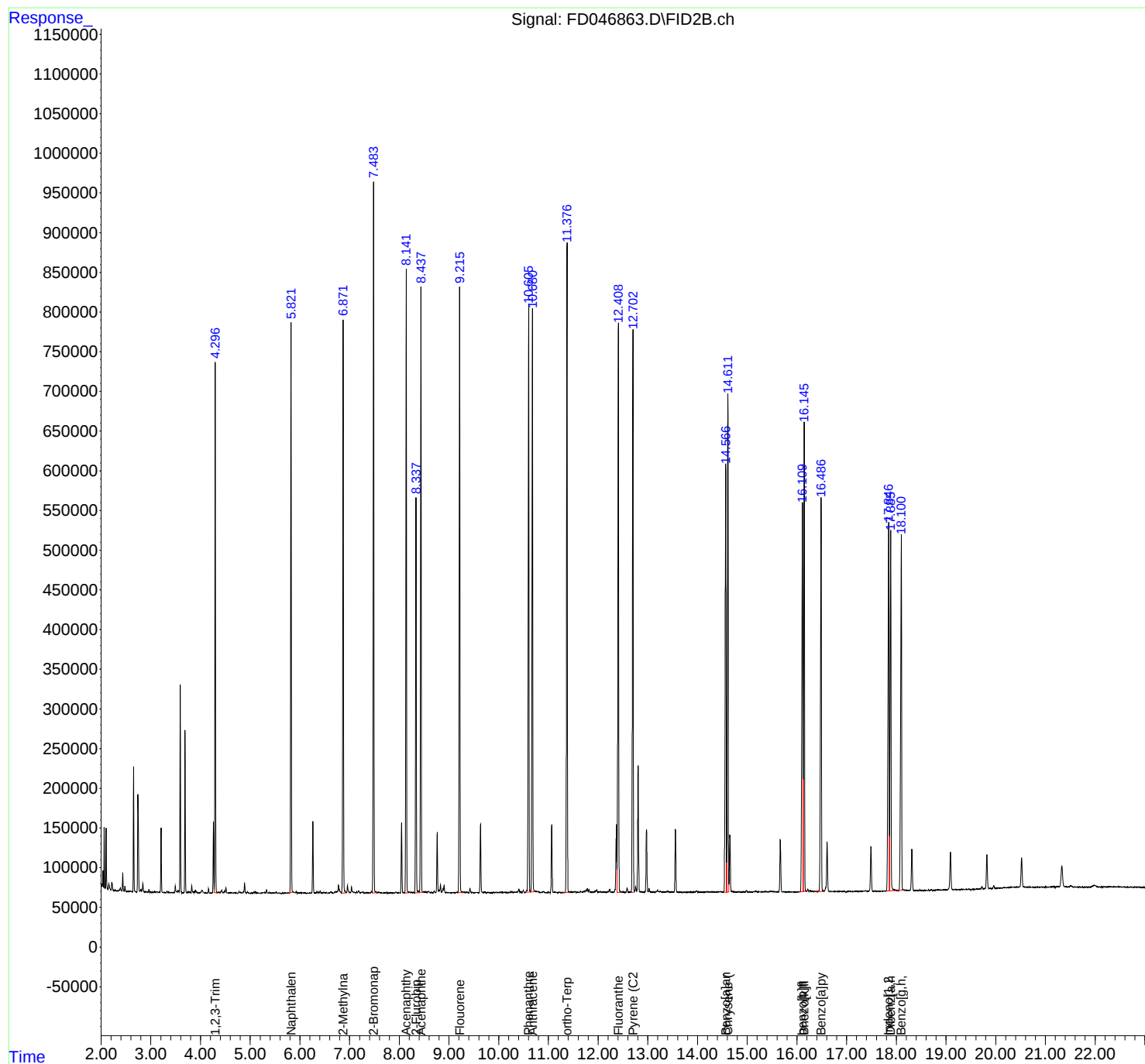
Response via : Initial Calibration

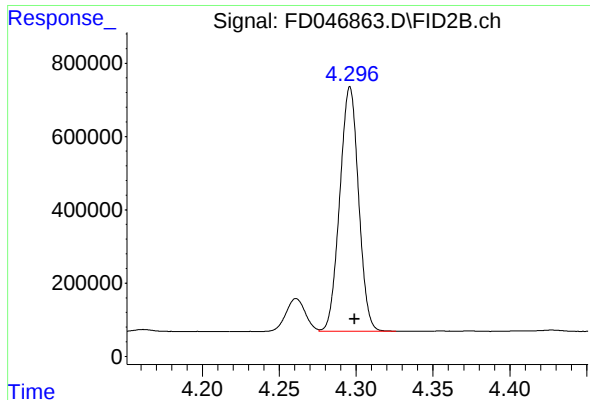
Integrator: ChemStation

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.296 min
Delta R.T.: -0.003 min
Response: 5680261
Conc: 29.41 ug/ml

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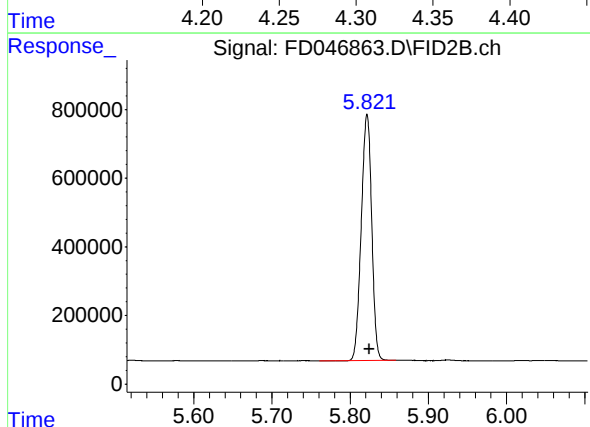
ClientSampleId :

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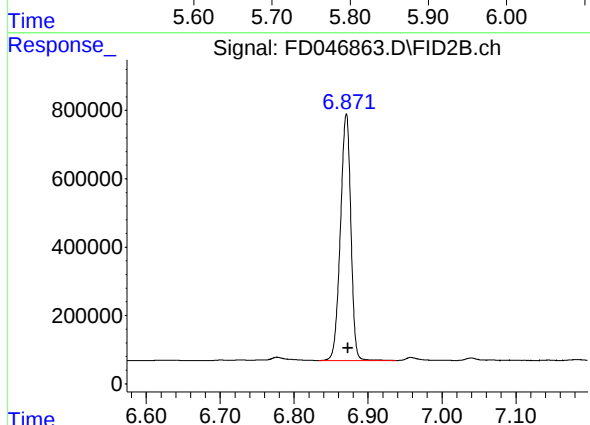
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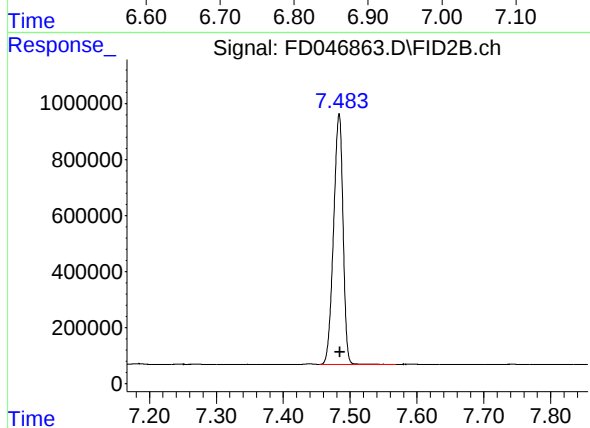
#2 Naphthalene (C11.7)

R.T.: 5.822 min
Delta R.T.: -0.003 min
Response: 6654459
Conc: 33.23 ug/ml



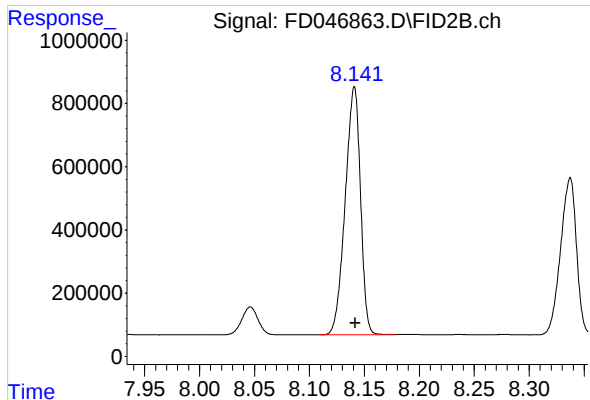
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.870 min
Delta R.T.: -0.002 min
Response: 7089473
Conc: 35.27 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.483 min
Delta R.T.: -0.001 min
Response: 8802704
Conc: 48.27 ug/ml



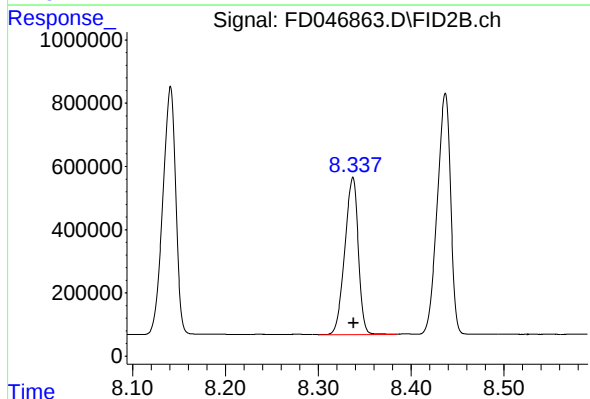
#5 Acenaphthylene (C15.06)

R.T.: 8.141 min
Delta R.T.: -0.001 min
Response: 7597124
Conc: 41.30 ug/ml

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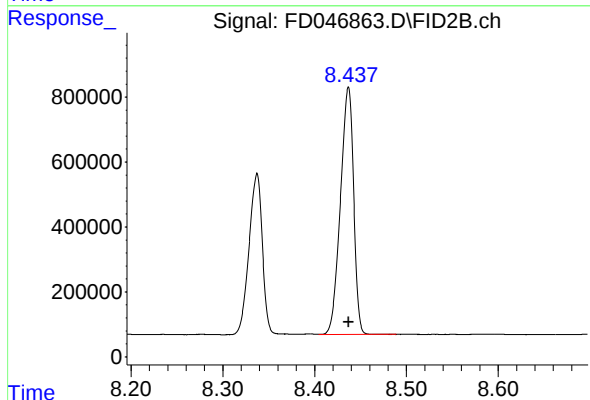
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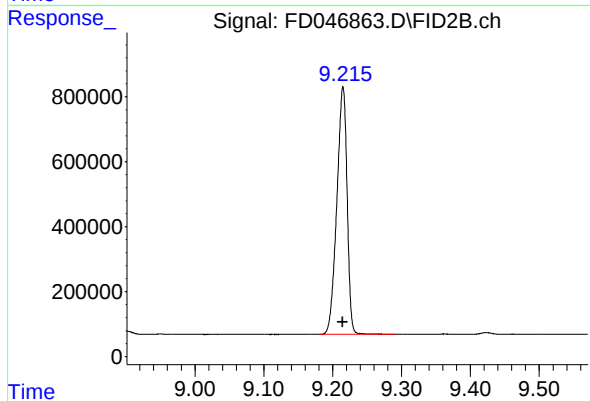
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.337 min
Delta R.T.: -0.001 min
Response: 5029551
Conc: 42.74 ug/ml



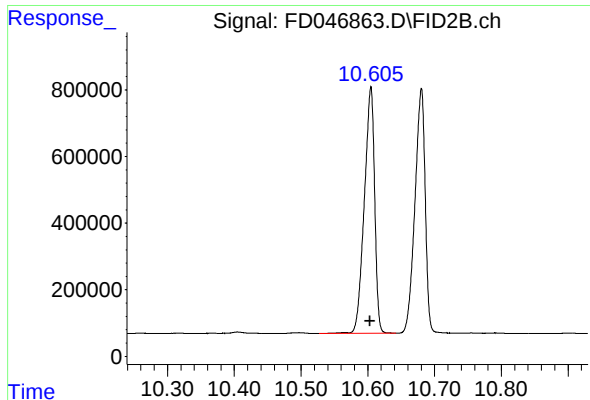
#7 Acenaphthene (C15.5)

R.T.: 8.437 min
Delta R.T.: 0.000 min
Response: 7619751
Conc: 38.90 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.215 min
Delta R.T.: 0.000 min
Response: 7898674
Conc: 42.70 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.604 min
Delta R.T.: 0.000 min
Response: 7966036
Conc: 44.78 ug/ml

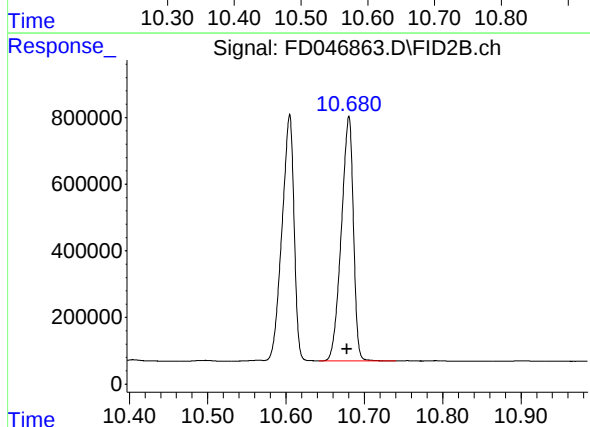
Instrument :

FID_D

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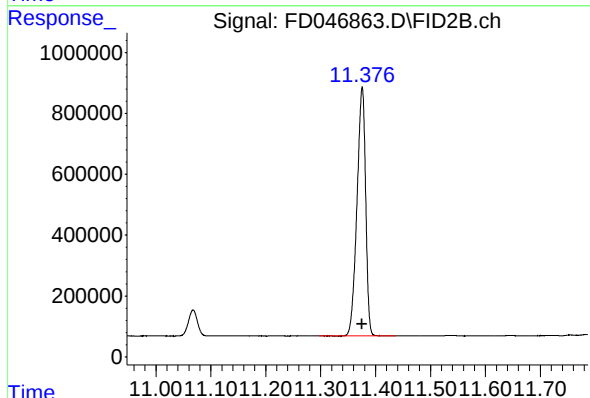
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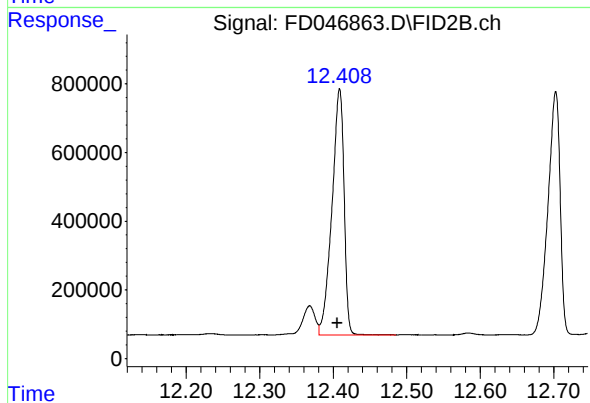
#10 Anthracene (C19.43)

R.T.: 10.680 min
Delta R.T.: 0.002 min
Response: 7856960
Conc: 46.10 ug/ml



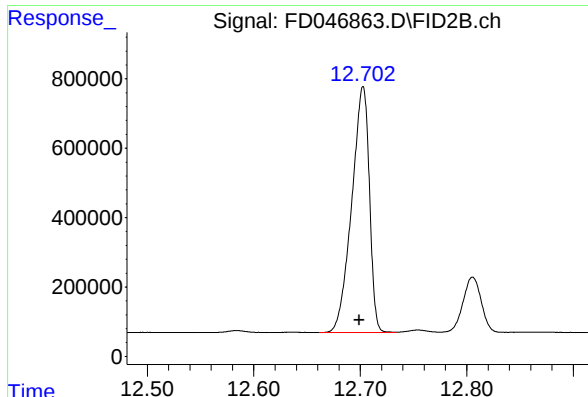
#11 ortho-Terphenyl (SURR)

R.T.: 11.375 min
Delta R.T.: 0.000 min
Response: 8963374
Conc: 42.33 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.408 min
Delta R.T.: 0.003 min
Response: 8193108
Conc: 47.44 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.702 min
Delta R.T.: 0.003 min
Response: 8169688
Conc: 49.13 ug/ml

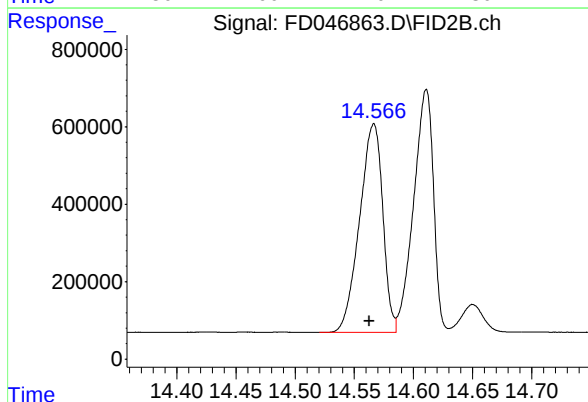
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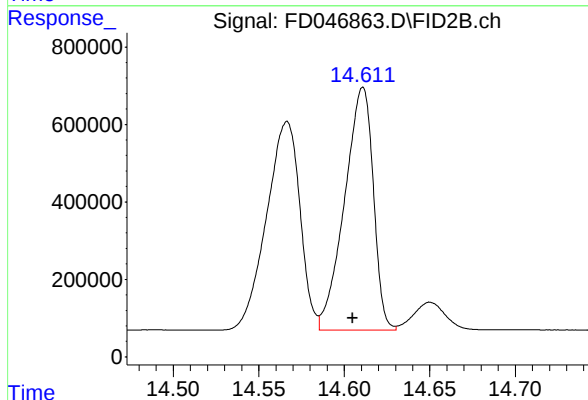
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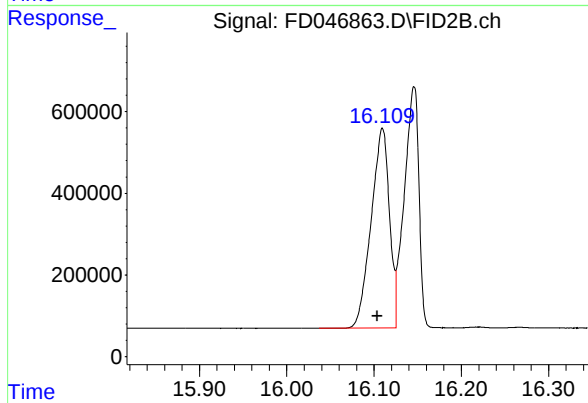
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.566 min
Delta R.T.: 0.003 min
Response: 7343313
Conc: 52.19 ug/ml



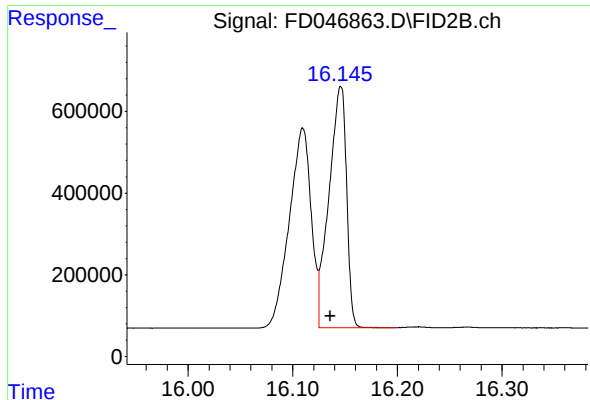
#15 Chrysene (C27.41)

R.T.: 14.610 min
Delta R.T.: 0.006 min
Response: 7331995
Conc: 47.01 ug/ml



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

R.T.: 16.109 min
Delta R.T.: 0.005 min
Response: 7126317
Conc: 49.79 ug/ml



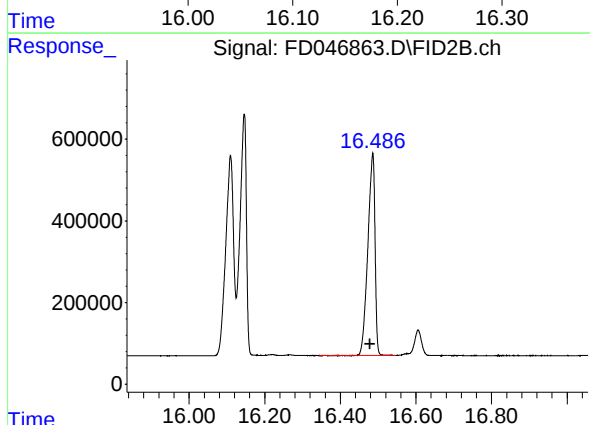
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.145 min
Delta R.T.: 0.009 min
Response: 6901650
Conc: 47.14 ug/ml

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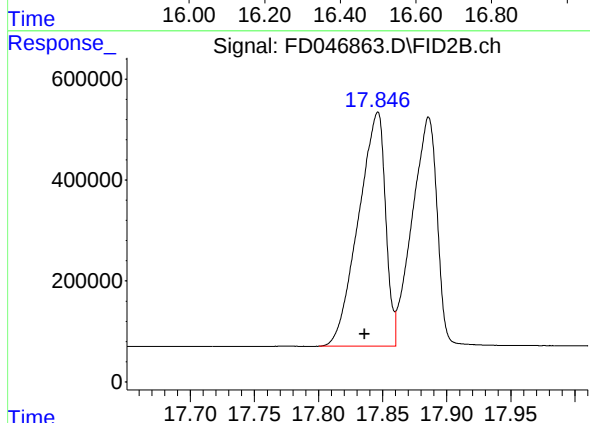
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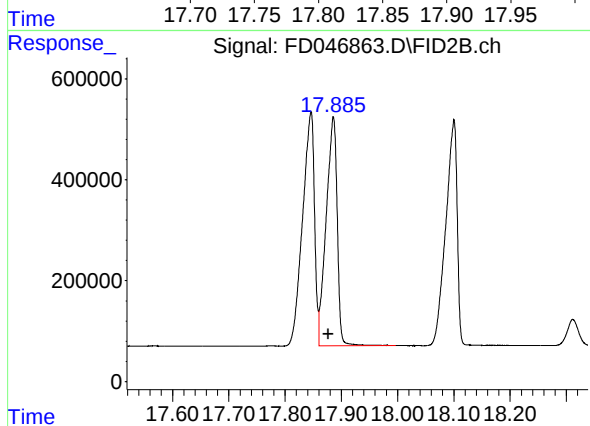
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.485 min
Delta R.T.: 0.006 min
Response: 6542399
Conc: 46.68 ug/ml



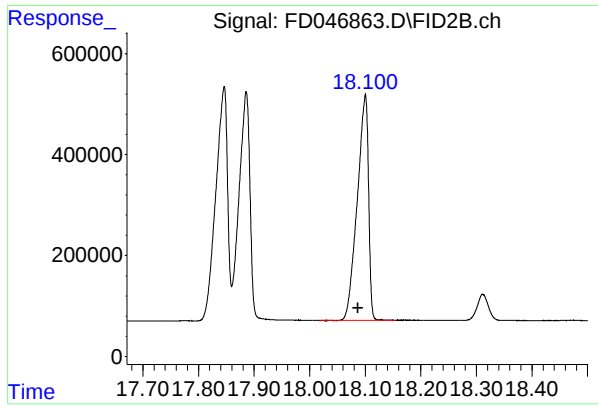
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.845 min
Delta R.T.: 0.009 min
Response: 6821377
Conc: 54.00 ug/ml



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

R.T.: 17.885 min
Delta R.T.: 0.008 min
Response: 6185640
Conc: 44.28 ug/ml



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

R.T.: 18.099 min
Delta R.T.: 0.012 min
Response: 6293606
Conc: 45.08 ug/ml

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