

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051923AR\
 Data File : FD045700.D
 Signal(s) : FID2B.ch
 Acq On : 19 May 2023 23:19
 Operator : YP/AJ
 Sample : 02837-01MS
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

WASTE-1MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 05/20/2023

Supervised By :Ankita Jodhani 05/22/2023

Integration File: autoint1.e

Quant Time: May 20 00:36:24 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...	7.545	3094565	18.142 ug/mlm
Spiked Amount 50.000		Recovery =	36.28%
6) S 2-Fluorobiphenyl (SURR)	8.401	2523758	21.951 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.90%
11) S ortho-Terphenyl (SURR)	11.444	3946535	18.693 ug/mlm
Spiked Amount 50.000		Recovery =	37.39%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.351	2014474	10.792 ug/ml
2) T Naphthalene (C11.7)	5.881	2543399	12.930 ug/mlm
3) T 2-Methylnaphthalene (...)	6.933	4743277	24.011 ug/mlm
5) T Acenaphthylene (C15.06)	8.206	4080296	22.711 ug/mlm
7) T Acenaphthene (C15.5)	8.500	2005379	10.538 ug/mlm
8) T Fluorene (C16.55)	9.283	2266531	12.018 ug/mlm
9) T Phenanthrene (C19.36)	10.676	3132835	16.855 ug/mlm
10) T Anthracene (C19.43)	10.751	4277192	23.925 ug/mlm
12) T Fluoranthene (C21.85)	12.482	3238830	17.954 ug/mlm
13) T Pyrene (C20.8)	12.776	3518142	20.074 ug/mlm
14) T Benzo[a]anthracene (C...	14.631	1973420	12.398 ug/mlm
15) T Chrysene (C27.41)	14.672	1915629	11.797 ug/mlm
16) T benzo[b]fluoranthene ...	16.168	1930094	13.105 ug/ml
17) T Bnezo[k]fluoranthene ...	16.200	1872205	12.948 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.542	1746125	12.524 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.897	1744919	13.734 ug/ml
20) T Dibenz[a,h]anthracene...	17.939	1856767	14.457 ug/ml
21) T Benzo[g,h,i]perylene ...	18.149	1805875	14.040 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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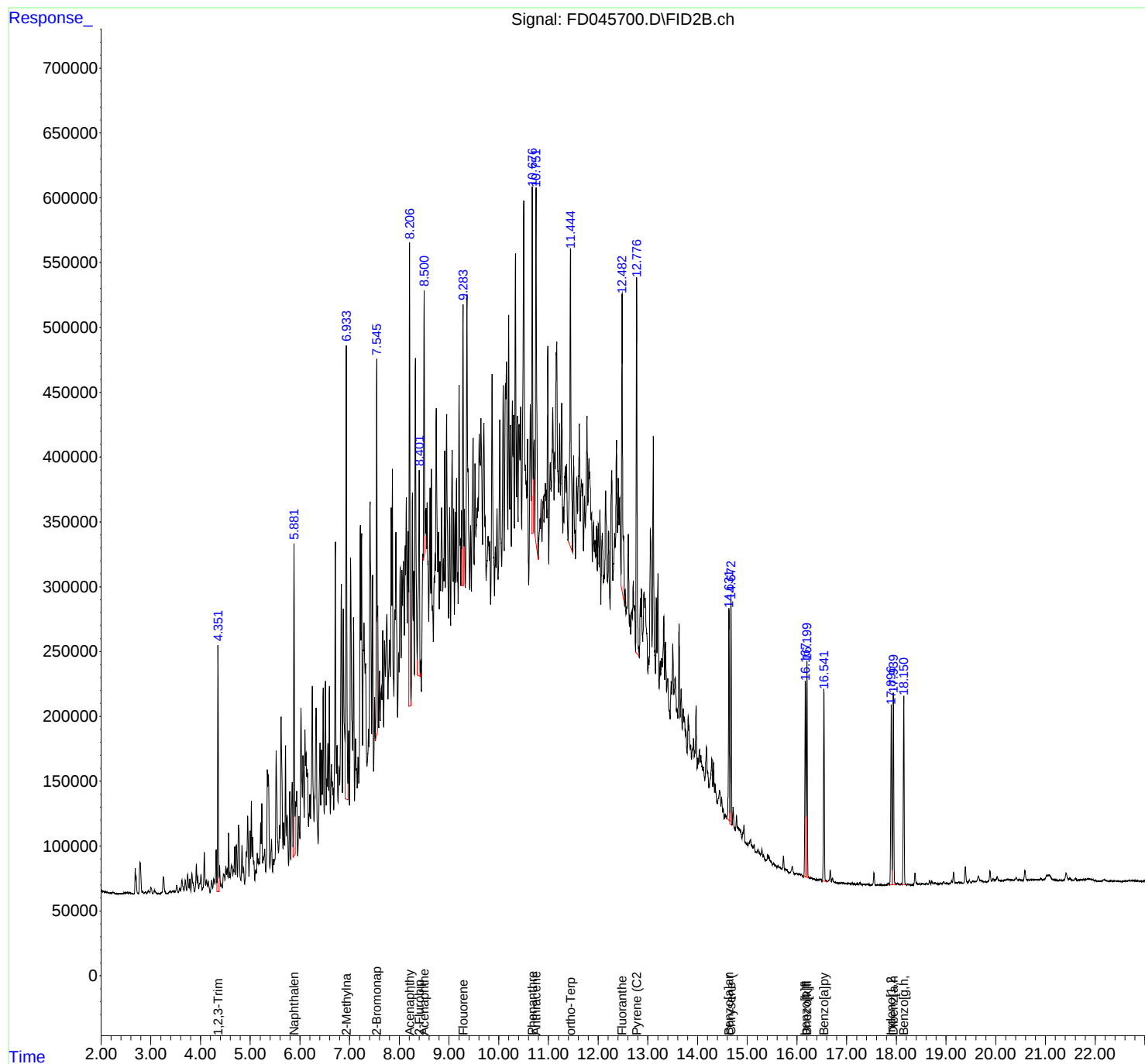
Response via : Initial Calibration

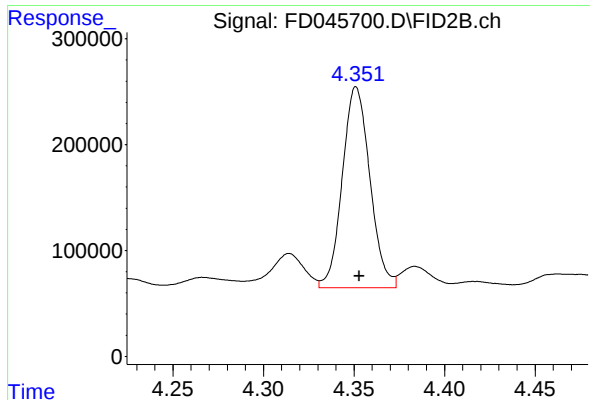
Integrator: ChemStation

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18µm





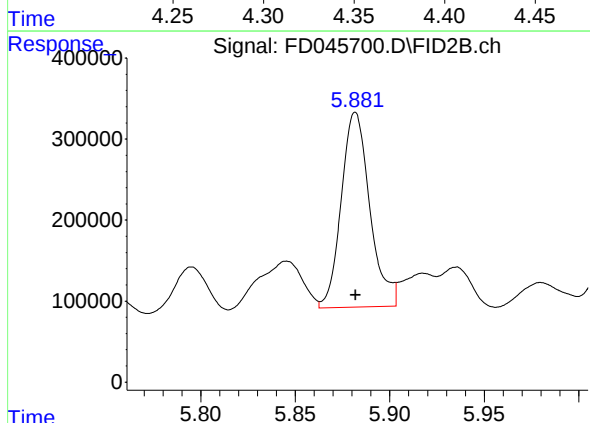
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.351 min
Delta R.T.: -0.002 min
Response: 2014474
Conc: 10.79 ug/ml

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WASTE-1MS

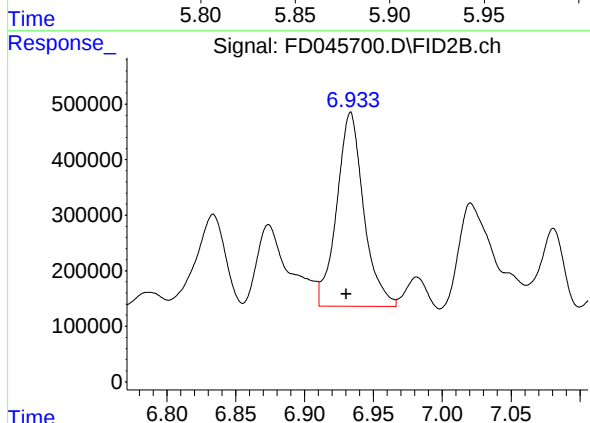
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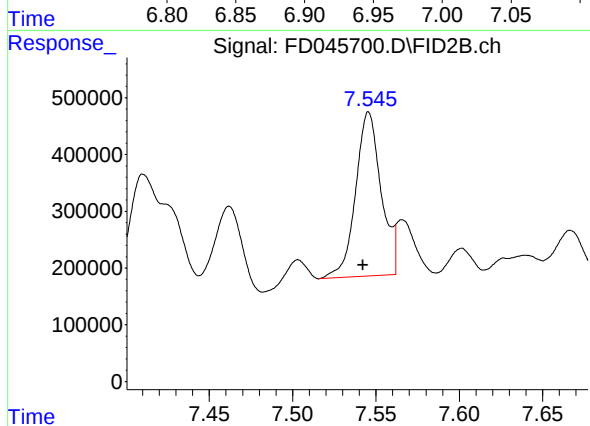
#2 Naphthalene (C11.7)

R.T.: 5.881 min
Delta R.T.: 0.000 min
Response: 2543399
Conc: 12.93 ug/ml m



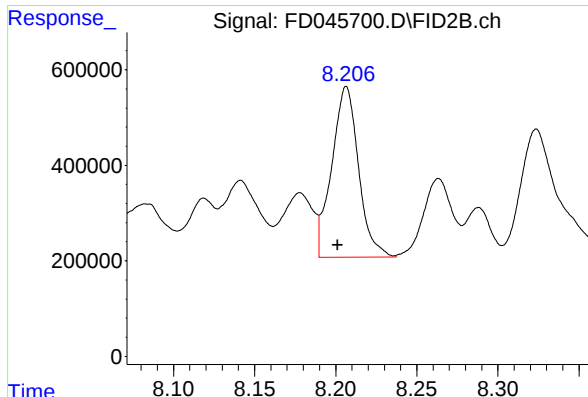
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.933 min
Delta R.T.: 0.003 min
Response: 4743277
Conc: 24.01 ug/ml m



#4 2-Bromonaphthalene (SURR)

R.T.: 7.545 min
Delta R.T.: 0.003 min
Response: 3094565
Conc: 18.14 ug/ml m



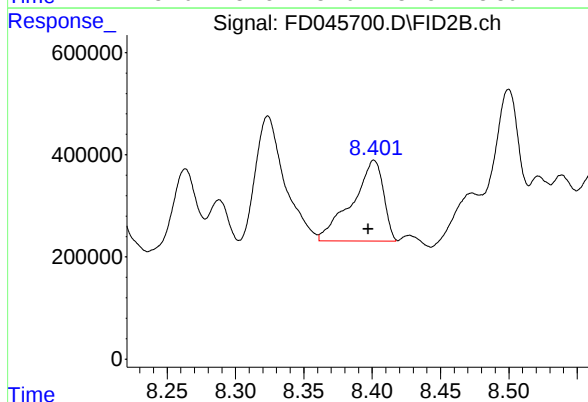
#5 Acenaphthylene (C15.06)

R.T.: 8.206 min
Delta R.T.: 0.005 min
Response: 4080296
Conc: 22.71 ug/ml

Instrument :
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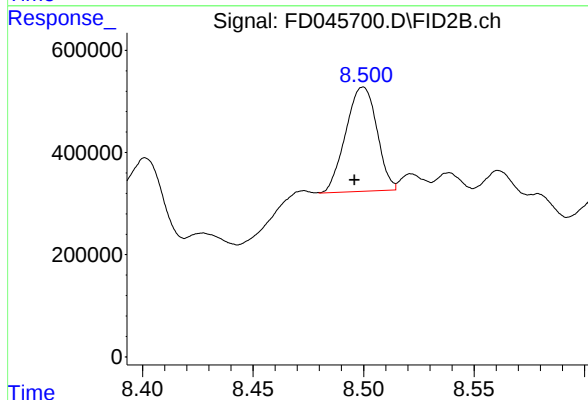
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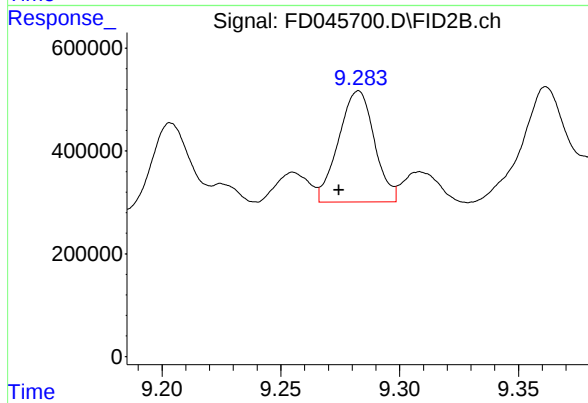
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.401 min
Delta R.T.: 0.003 min
Response: 2523758
Conc: 21.95 ug/ml



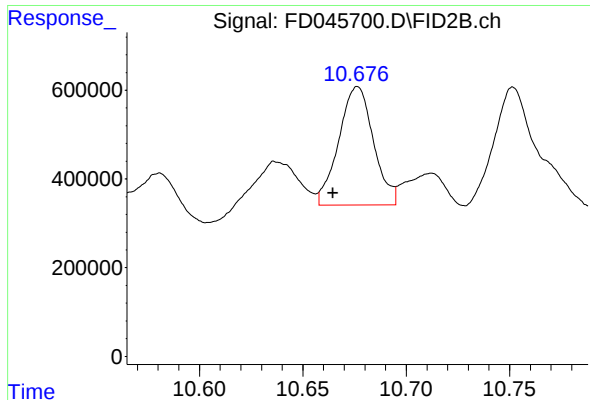
#7 Acenaphthene (C15.5)

R.T.: 8.500 min
Delta R.T.: 0.004 min
Response: 2005379
Conc: 10.54 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.283 min
Delta R.T.: 0.008 min
Response: 2266531
Conc: 12.02 ug/ml



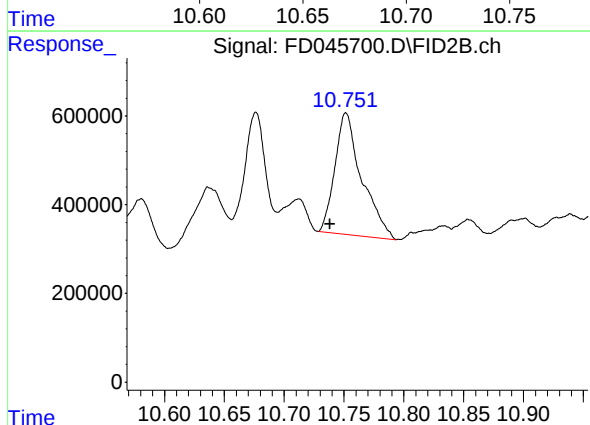
#9 Phenanthrene (C19.36)

R.T.: 10.676 min
Delta R.T.: 0.011 min
Response: 3132835
Conc: 16.85 ug/ml

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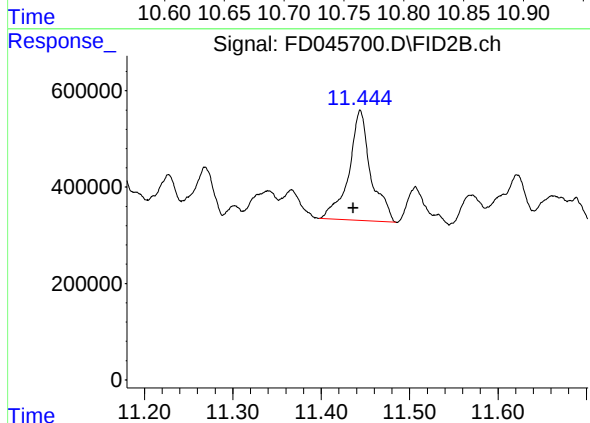
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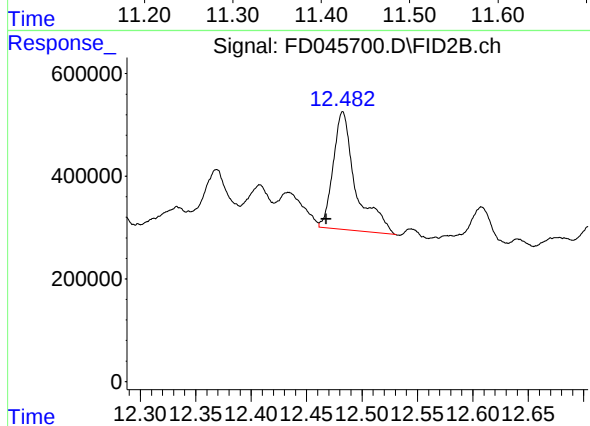
#10 Anthracene (C19.43)

R.T.: 10.751 min
Delta R.T.: 0.013 min
Response: 4277192
Conc: 23.93 ug/ml m



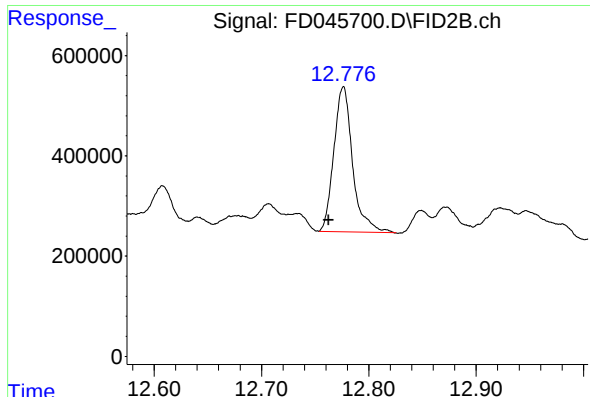
#11 ortho-Terphenyl (SURR)

R.T.: 11.444 min
Delta R.T.: 0.007 min
Response: 3946535
Conc: 18.69 ug/ml m



#12 Fluoranthene (C21.85)

R.T.: 12.482 min
Delta R.T.: 0.014 min
Response: 3238830
Conc: 17.95 ug/ml m



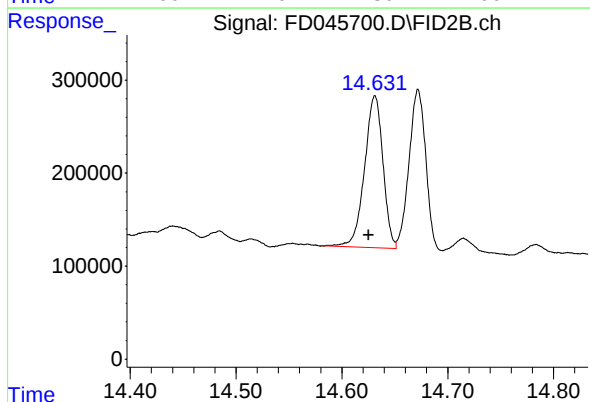
#13 Pyrene (C20.8)

R.T.: 12.776 min
Delta R.T.: 0.014 min
Response: 3518142
Conc: 20.07 ug/ml

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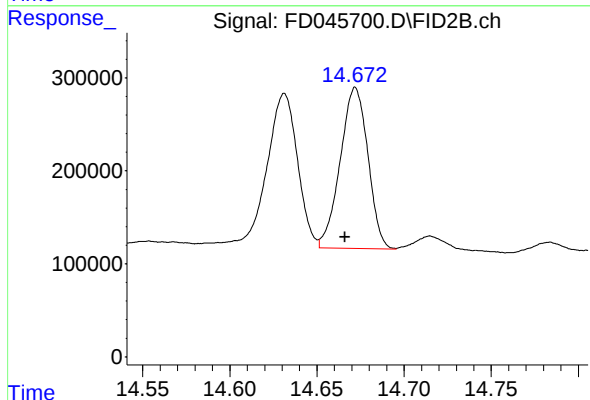
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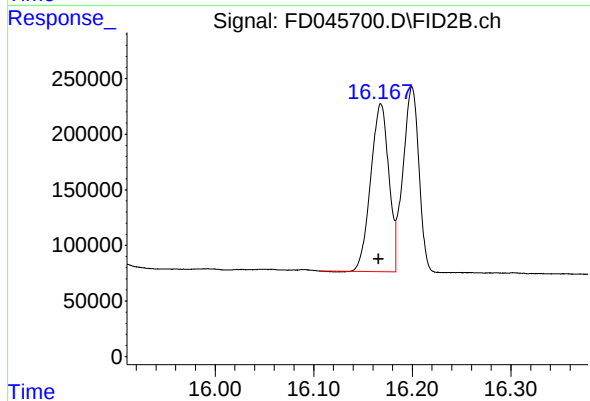
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.631 min
Delta R.T.: 0.006 min
Response: 1973420
Conc: 12.40 ug/ml



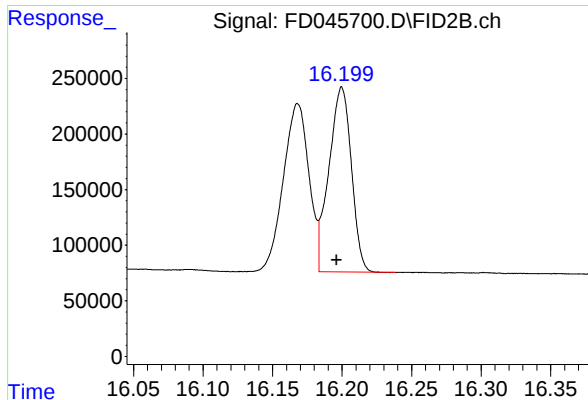
#15 Chrysene (C27.41)

R.T.: 14.672 min
Delta R.T.: 0.005 min
Response: 1915629
Conc: 11.80 ug/ml



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

R.T.: 16.168 min
Delta R.T.: 0.002 min
Response: 1930094
Conc: 13.11 ug/ml



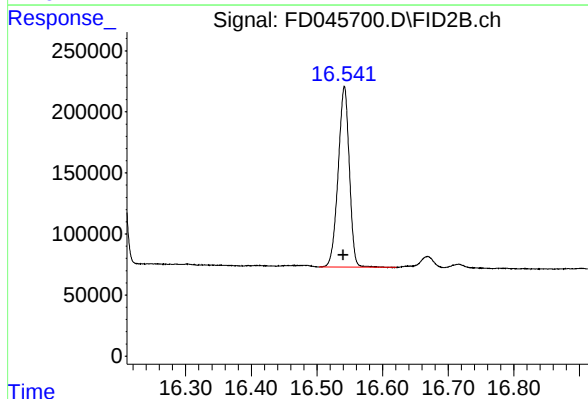
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.200 min
Delta R.T.: 0.004 min
Response: 1872205
Conc: 12.95 ug/ml

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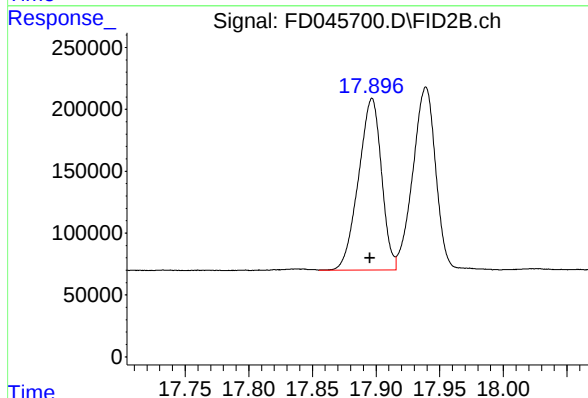
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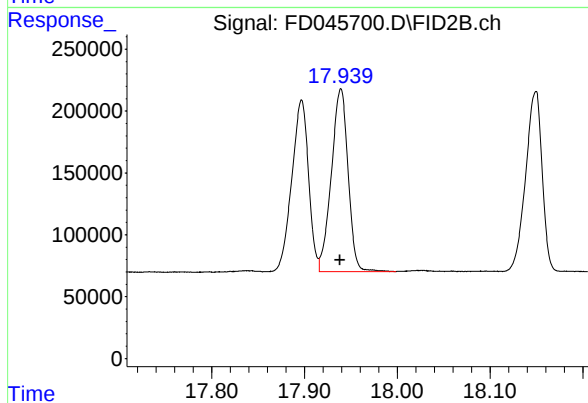
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.542 min
Delta R.T.: 0.001 min
Response: 1746125
Conc: 12.52 ug/ml



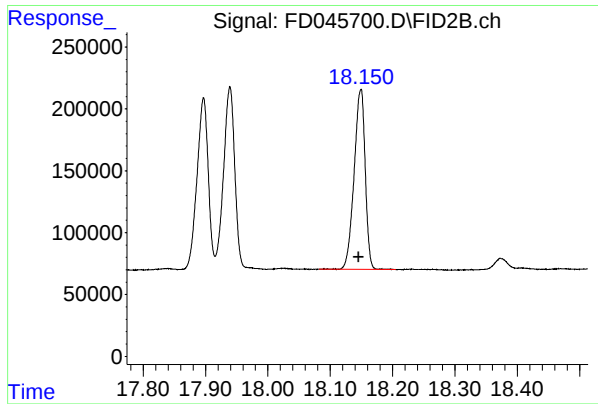
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.897 min
Delta R.T.: 0.001 min
Response: 1744919
Conc: 13.73 ug/ml



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

R.T.: 17.939 min
Delta R.T.: 0.000 min
Response: 1856767
Conc: 14.46 ug/ml



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

R.T.: 18.149 min
Delta R.T.: 0.003 min
Response: 1805875
Conc: 14.04 ug/ml

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