

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090523AR\
 Data File : FD046438.D
 Signal(s) : FID2B.ch
 Acq On : 05 Sep 2023 23:58
 Operator : YP/AJ
 Sample : 04255-01MS
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 WASTE-DOVERMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/06/2023
 Supervised By :Ankita Jodhani 09/06/2023

Integration File: autoint1.e
 Quant Time: Sep 06 03:41:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082223.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 22 12:26:56 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...	7.500	8016618	47.468 ug/mlm
Spiked Amount 50.000		Recovery =	94.94%
6) S 2-Fluorobiphenyl (SURR)	8.352	23397555	210.240 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	420.48%#
11) S ortho-Terphenyl (SURR)	11.380	6862303	34.989 ug/mlm
Spiked Amount 50.000		Recovery =	69.98%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.310	4502957	25.625 ug/ml
2) T Naphthalene (C11.7)	5.864	40946846	222.166 ug/mlm
3) T 2-Methylnaphthalene (...)	6.896	6996063	37.679 ug/mlm
5) T Acenaphthylene (C15.06)	8.168	11653910	68.481 ug/mlm
7) T Acenaphthene (C15.5)	8.478	9798591	54.388 ug/mlm
8) T Flouorene (C16.55)	9.248	100761164	576.128 ug/mlm
9) T Phenanthrene (C19.36)	10.644	3869062	22.550 ug/mlm
10) T Anthracene (C19.43)	10.727	67449507	399.830 ug/mlm
12) T Fluoranthene (C21.85)	12.435	32125292	193.096 ug/mlm
13) T Pyrene (C20.8)	12.741	1873128	11.622 ug/mlm
14) T Benzo[a]anthracene (C...	14.602	4074942	28.964 ug/mlm
15) T Chrysene (C27.41)	14.645	4185409	28.216 ug/mlm
16) T benzo[b]fluoranthene ...	16.126	3782619	27.838 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.158	3973389	29.289 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.498	3584338	27.203 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.851	3487262	27.957 ug/mlm
20) T Dibenz[a,h]anthracene...	17.892	3468220	27.678 ug/ml
21) T Benzo[g,h,i]perylene ...	18.103	3258858	25.412 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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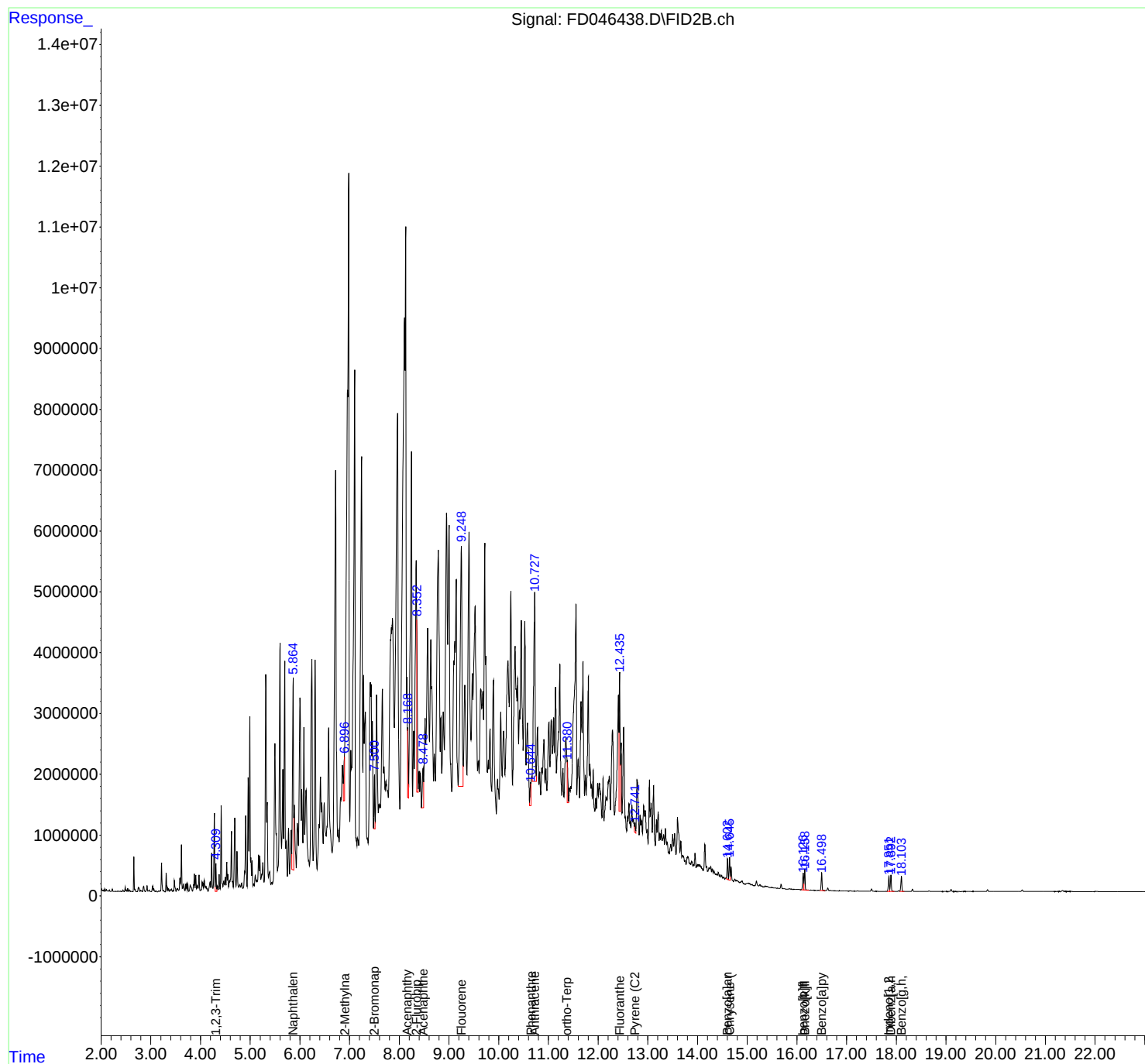
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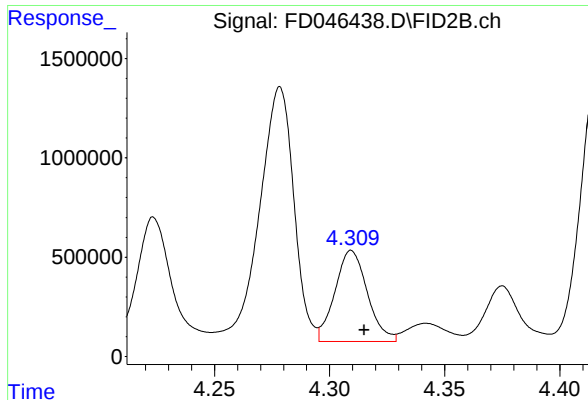
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.310 min
Delta R.T.: -0.005 min
Response: 4502957
Conc: 25.63 ug/ml

Instrument :

FID_D

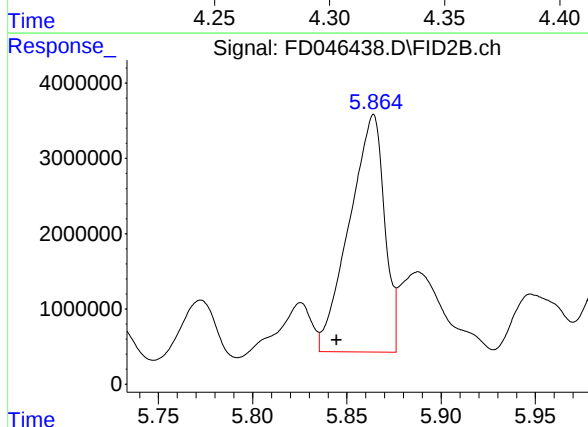
ClientSampleId :

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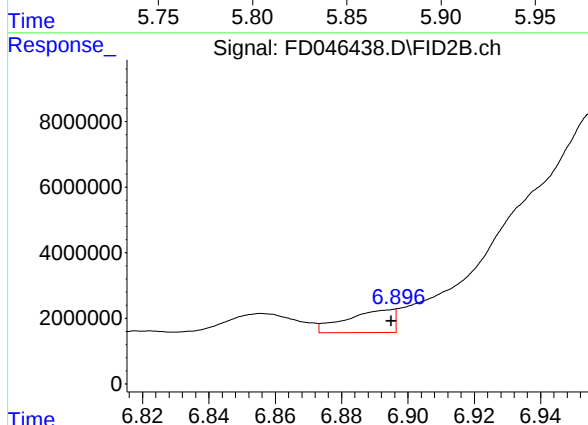
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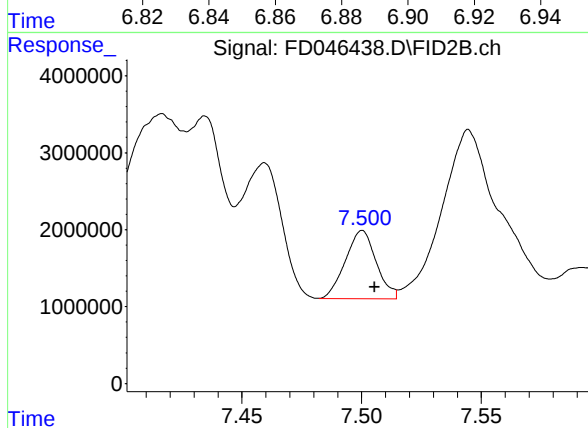
#2 Naphthalene (C11.7)

R.T.: 5.864 min
Delta R.T.: 0.019 min
Response: 40946846
Conc: 222.17 ug/ml m



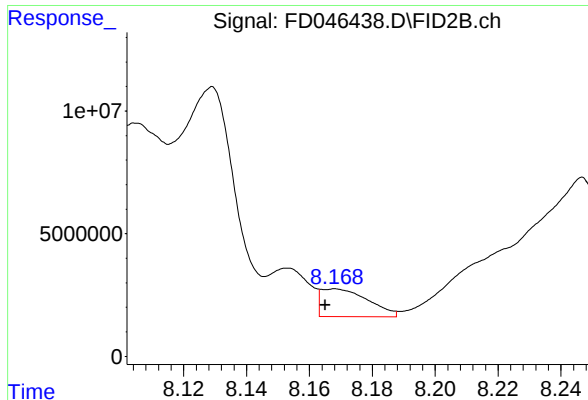
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.896 min
Delta R.T.: 0.001 min
Response: 6996063
Conc: 37.68 ug/ml m



#4 2-Bromonaphthalene (SURR)

R.T.: 7.500 min
Delta R.T.: -0.005 min
Response: 8016618
Conc: 47.47 ug/ml m



#5 Acenaphthylene (C15.06)

R.T.: 8.168 min
Delta R.T.: 0.003 min
Response: 11653910
Conc: 68.48 ug/ml

Instrument :

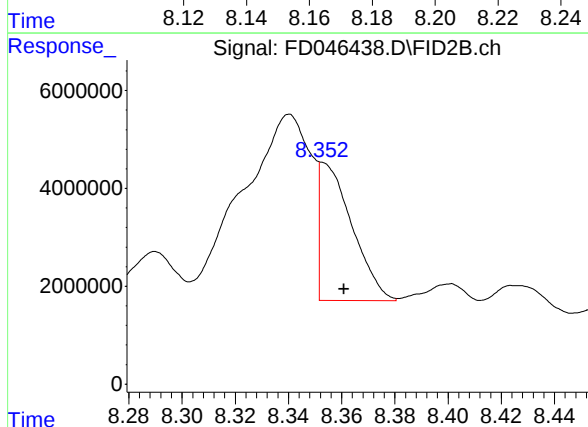
FID_D

ClientSampleId :

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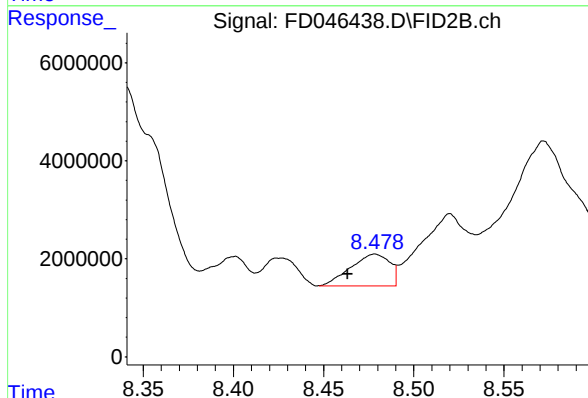
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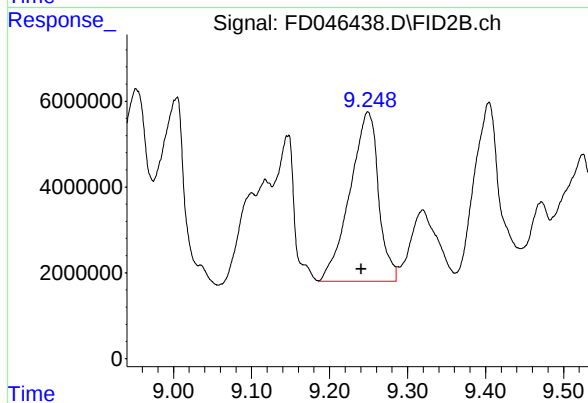
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.352 min
Delta R.T.: -0.009 min
Response: 23397555
Conc: 210.24 ug/ml m



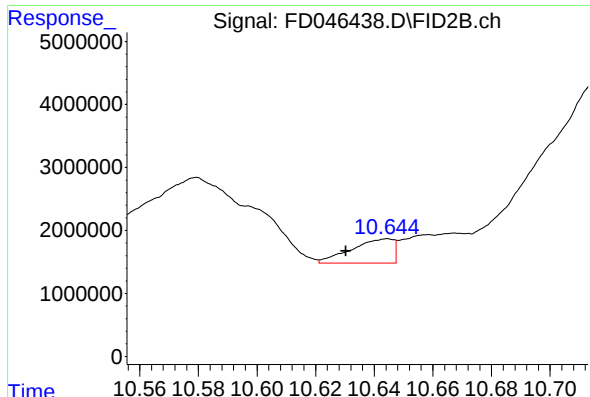
#7 Acenaphthene (C15.5)

R.T.: 8.478 min
Delta R.T.: 0.015 min
Response: 9798591
Conc: 54.39 ug/ml m



#8 Flouorene (C16.55)

R.T.: 9.248 min
Delta R.T.: 0.008 min
Response: 100761164
Conc: 576.13 ug/ml m



#9 Phenanthrene (C19.36)

R.T.: 10.644 min
Delta R.T.: 0.014 min
Response: 3869062
Conc: 22.55 ug/ml

Instrument :

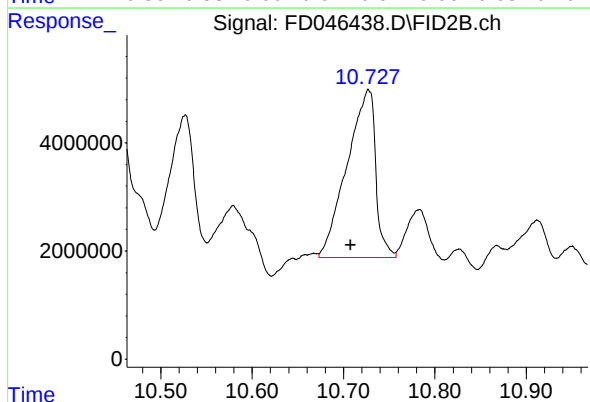
FID_D

ClientSampleId :

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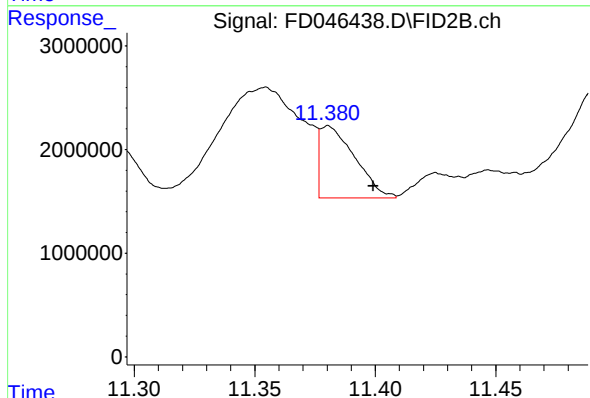
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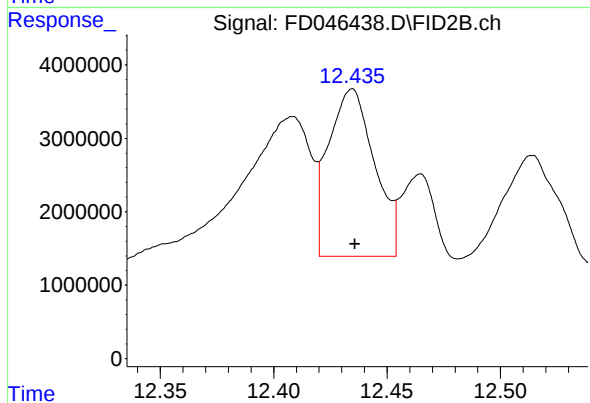
#10 Anthracene (C19.43)

R.T.: 10.727 min
Delta R.T.: 0.019 min
Response: 67449507
Conc: 399.83 ug/ml m



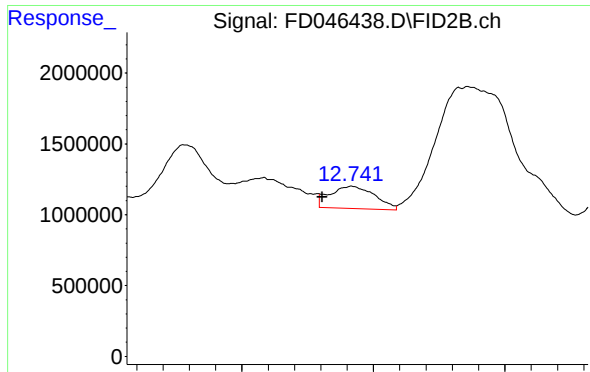
#11 ortho-Terphenyl (SURR)

R.T.: 11.380 min
Delta R.T.: -0.019 min
Response: 6862303
Conc: 34.99 ug/ml m



#12 Fluoranthene (C21.85)

R.T.: 12.435 min
Delta R.T.: -0.001 min
Response: 32125292
Conc: 193.10 ug/ml m



#13 Pyrene (C20.8)

R.T.: 12.741 min
Delta R.T.: 0.011 min
Response: 1873128
Conc: 11.62 ug/ml

Instrument :

FID_D

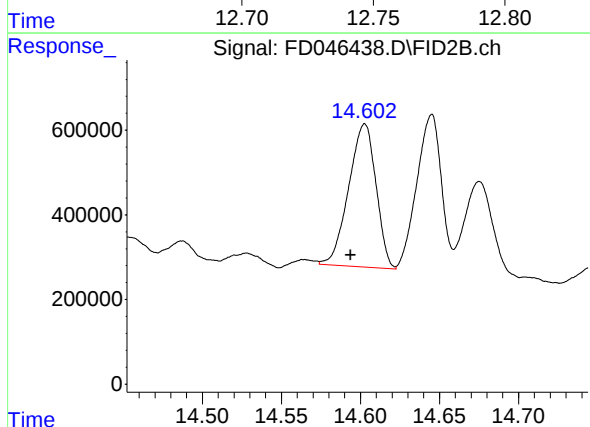
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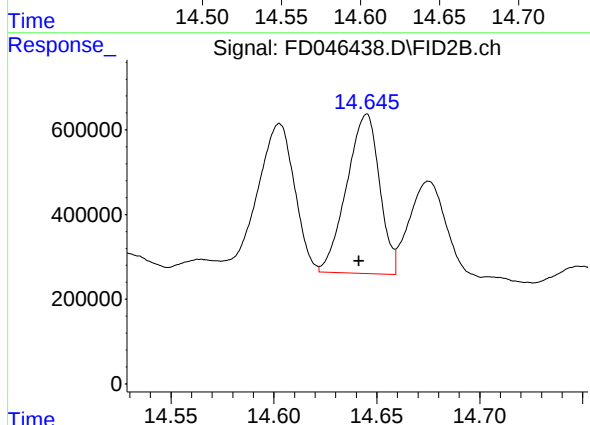
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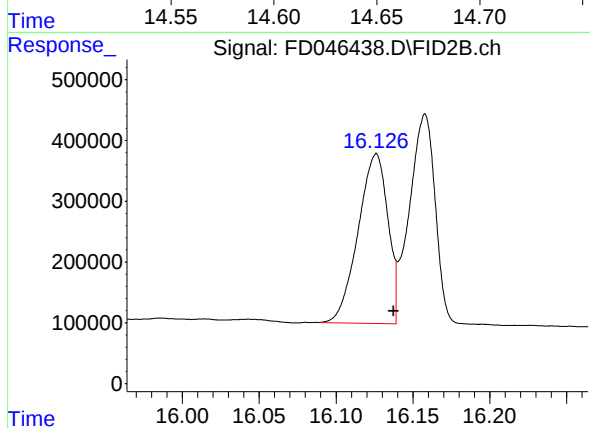
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.602 min
Delta R.T.: 0.008 min
Response: 4074942
Conc: 28.96 ug/ml m



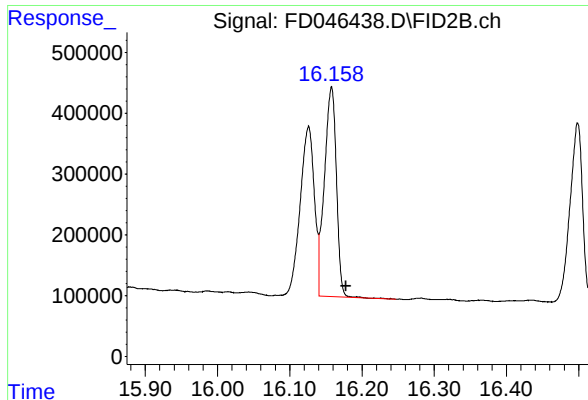
#15 Chrysene (C27.41)

R.T.: 14.645 min
Delta R.T.: 0.004 min
Response: 4185409
Conc: 28.22 ug/ml m



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

R.T.: 16.126 min
Delta R.T.: -0.012 min
Response: 3782619
Conc: 27.84 ug/ml m



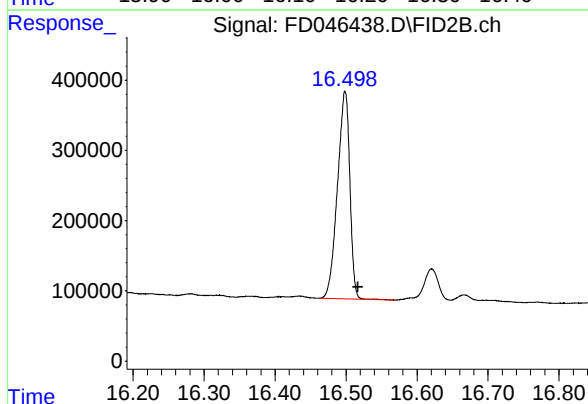
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.158 min
Delta R.T.: -0.020 min
Response: 3973389
Conc: 29.29 ug/ml

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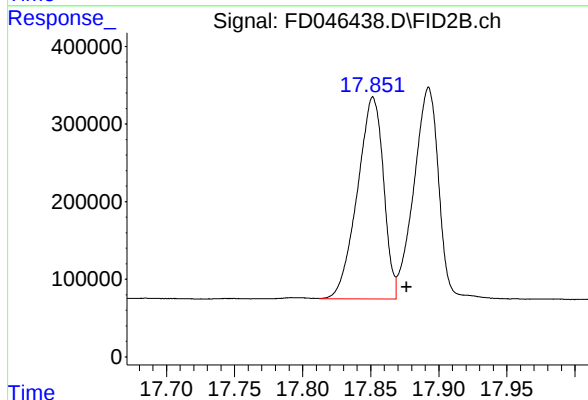
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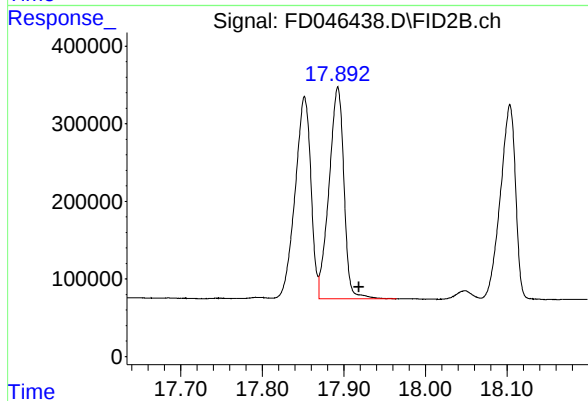
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.498 min
Delta R.T.: -0.019 min
Response: 3584338
Conc: 27.20 ug/ml



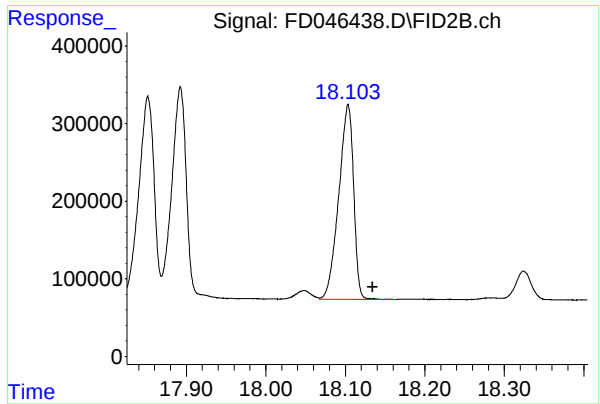
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.851 min
Delta R.T.: -0.025 min
Response: 3487262
Conc: 27.96 ug/ml m



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

R.T.: 17.892 min
Delta R.T.: -0.026 min
Response: 3468220
Conc: 27.68 ug/ml



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

R.T.: 18.103 min
Delta R.T.: -0.031 min
Response: 3258858
Conc: 25.41 ug/ml

Instrument :

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