

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110923AR\
 Data File : FD046873.D
 Signal(s) : FID2B.ch
 Acq On : 09 Nov 2023 16:59
 Operator : YP/AJ
 Sample : PB157015BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB157015BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/10/2023

Supervised By :Ankita Jodhani 11/10/2023

Integration File: autoint1.e

Quant Time: Nov 09 22:31:54 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	9098952	49.892 ug/ml
Spiked Amount 50.000		Recovery =	99.78%
6) S 2-Fluorobiphenyl (SURR)	8.336	5173699	43.963 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	87.93%
11) S ortho-Terphenyl (SURR)	11.375	9249573	43.680 ug/ml
Spiked Amount 50.000		Recovery =	87.36%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.295	5909257	30.598 ug/mlm
2) T Naphthalene (C11.7)	5.821	6931544	34.615 ug/ml
3) T 2-Methylnaphthalene (...)	6.870	7326661	36.454 ug/ml
5) T Acenaphthylene (C15.06)	8.141	7904106	42.974 ug/ml
7) T Acenaphthene (C15.5)	8.436	7875174	40.203 ug/ml
8) T Flouorene (C16.55)	9.215	8133713	43.974 ug/ml
9) T Phenanthrene (C19.36)	10.604	8174905	45.951 ug/ml
10) T Anthracene (C19.43)	10.679	8011715	47.012 ug/ml
12) T Fluoranthene (C21.85)	12.408	8382008	48.532 ug/ml
13) T Pyrene (C20.8)	12.703	8373533	50.359 ug/ml
14) T Benzo[a]anthracene (C...	14.566	7458326	53.012 ug/ml
15) T Chrysene (C27.41)	14.611	7452982	47.789 ug/ml
16) T benzo[b]fluoranthene ...	16.110	7250315	50.657 ug/ml
17) T Bnezo[k]fluoranthene ...	16.146	7073150	48.313 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.486	6682800	47.677 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.847	6976611	55.226 ug/ml
20) T Dibenz[a,h]anthracene...	17.885	6184154	44.267 ug/ml
21) T Benzo[g,h,i]perylene ...	18.099	6460267	46.269 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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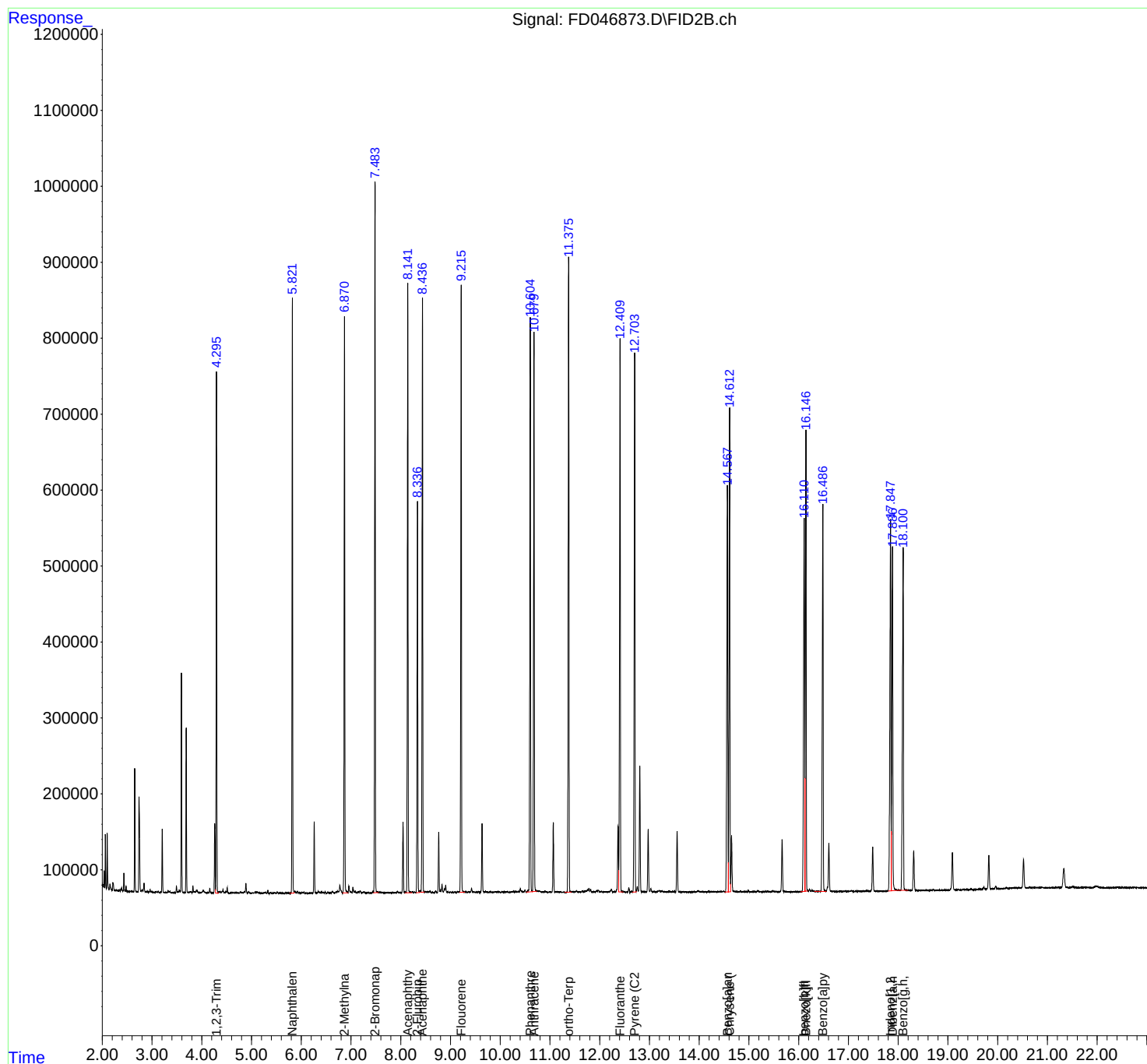
Instrument :
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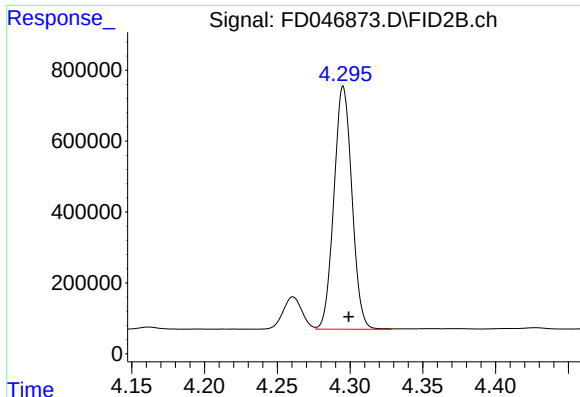
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.295 min
Delta R.T.: -0.004 min
Response: 5909257
Conc: 30.60 ug/ml

Instrument :

FID_D

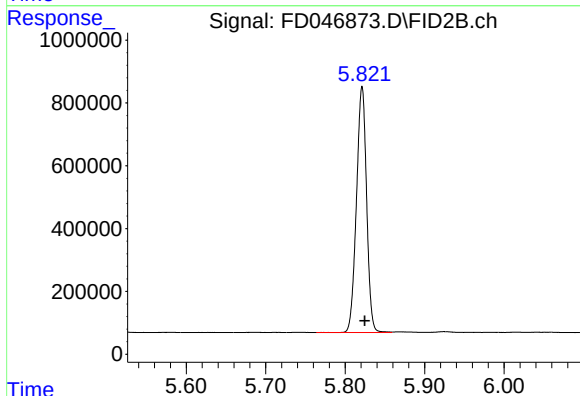
ClientSampleId :

PB157015BS

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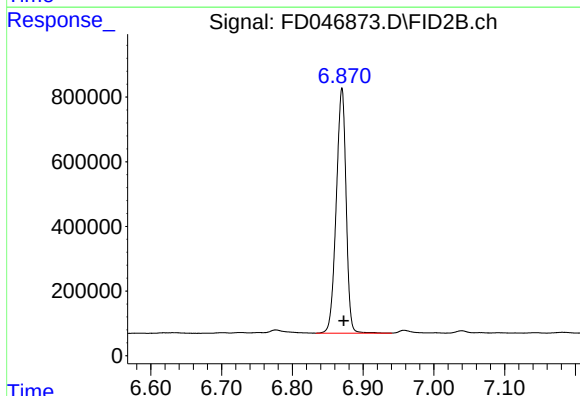
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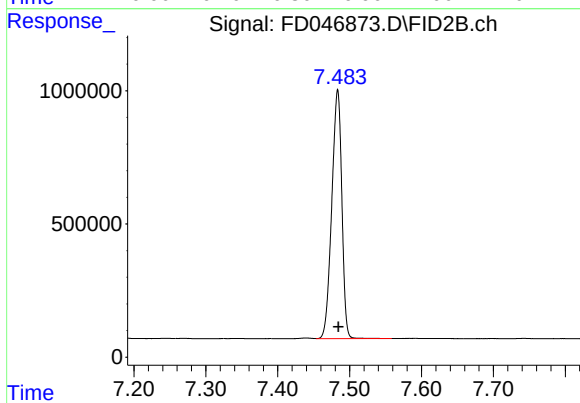
#2 Naphthalene (C11.7)

R.T.: 5.821 min
Delta R.T.: -0.003 min
Response: 6931544
Conc: 34.62 ug/ml



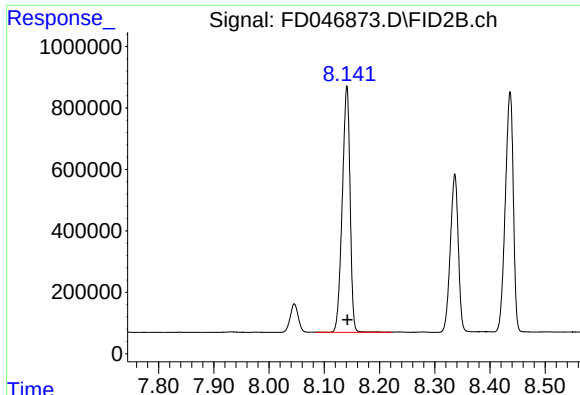
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.870 min
Delta R.T.: -0.003 min
Response: 7326661
Conc: 36.45 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.483 min
Delta R.T.: -0.001 min
Response: 9098952
Conc: 49.89 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.141 min
Delta R.T.: -0.001 min
Response: 7904106
Conc: 42.97 ug/ml

Instrument :

FID_D

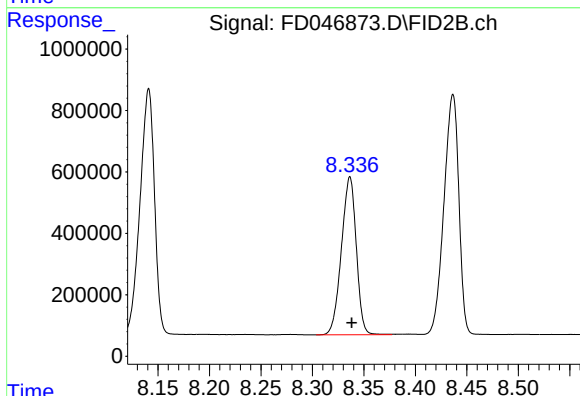
ClientSampleId :

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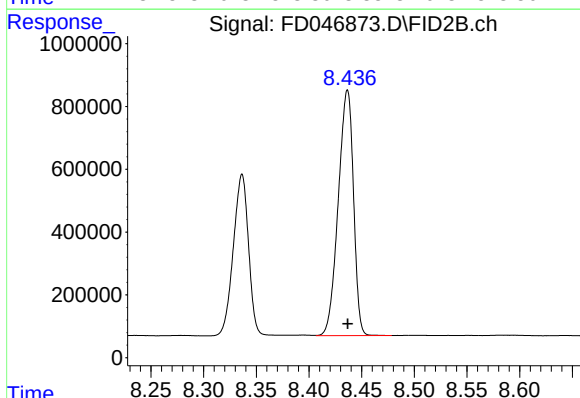
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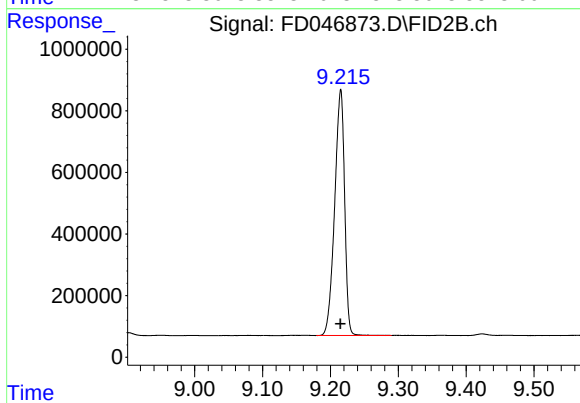
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.336 min
Delta R.T.: -0.002 min
Response: 5173699
Conc: 43.96 ug/ml



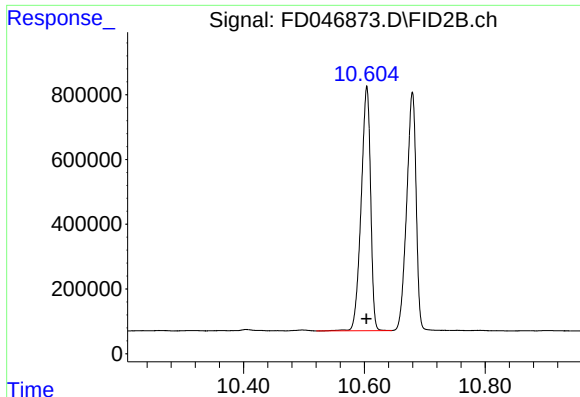
#7 Acenaphthene (C15.5)

R.T.: 8.436 min
Delta R.T.: 0.000 min
Response: 7875174
Conc: 40.20 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.215 min
Delta R.T.: 0.000 min
Response: 8133713
Conc: 43.97 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.604 min
Delta R.T.: 0.000 min
Response: 8174905
Conc: 45.95 ug/ml

Instrument :

FID_D

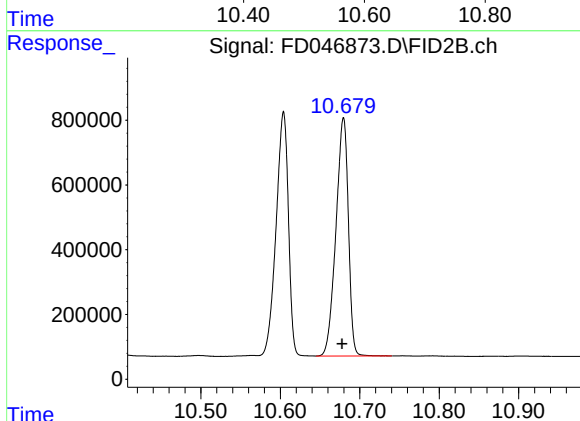
ClientSampleId :

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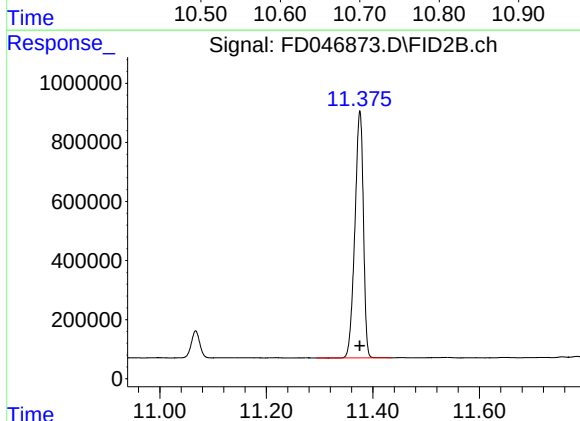
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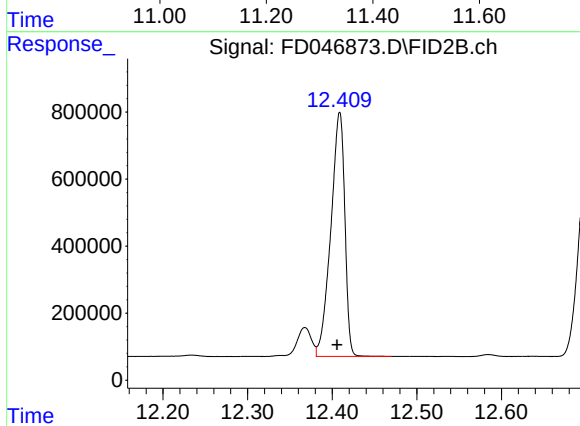
#10 Anthracene (C19.43)

R.T.: 10.679 min
Delta R.T.: 0.001 min
Response: 8011715
Conc: 47.01 ug/ml



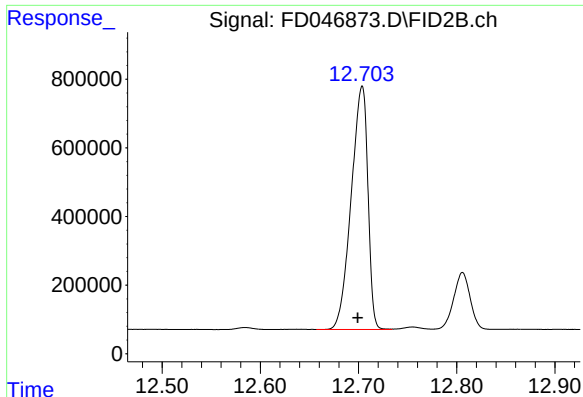
#11 ortho-Terphenyl (SURR)

R.T.: 11.375 min
Delta R.T.: 0.000 min
Response: 9249573
Conc: 43.68 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.408 min
Delta R.T.: 0.003 min
Response: 8382008
Conc: 48.53 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.703 min
Delta R.T.: 0.004 min
Response: 8373533
Conc: 50.36 ug/ml

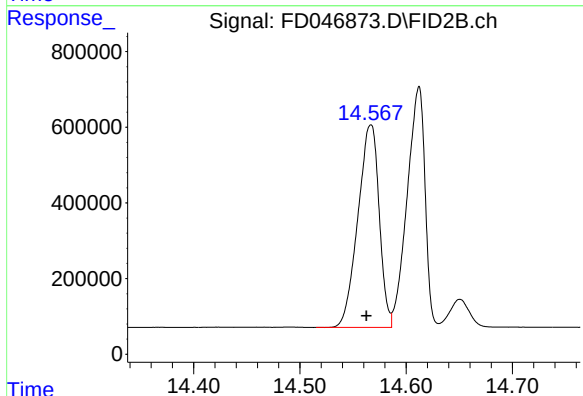
Instrument :

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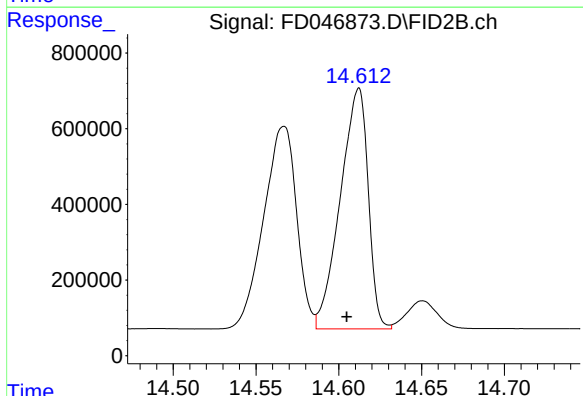
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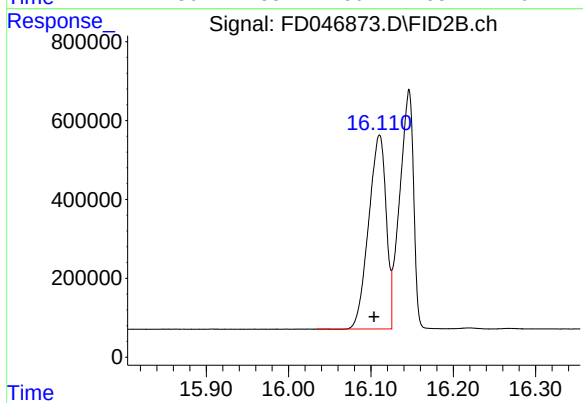
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.566 min
Delta R.T.: 0.004 min
Response: 7458326
Conc: 53.01 ug/ml



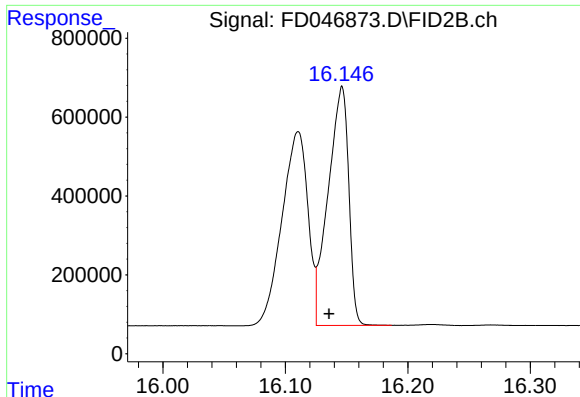
#15 Chrysene (C27.41)

R.T.: 14.611 min
Delta R.T.: 0.007 min
Response: 7452982
Conc: 47.79 ug/ml



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

R.T.: 16.110 min
Delta R.T.: 0.006 min
Response: 7250315
Conc: 50.66 ug/ml



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

R.T.: 16.146 min
Delta R.T.: 0.010 min
Response: 7073150
Conc: 48.31 ug/ml

Instrument :

FID_D

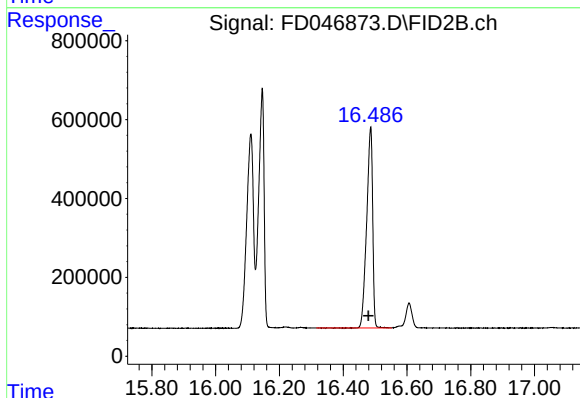
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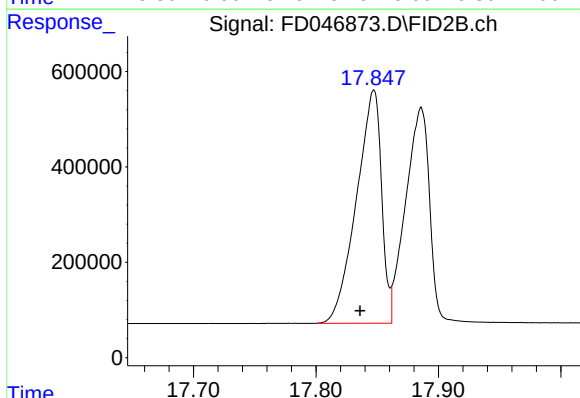
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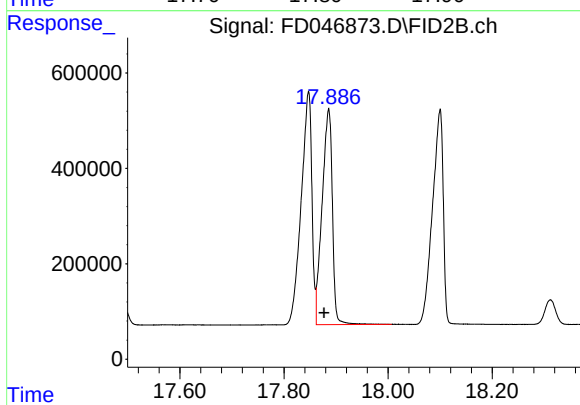
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.486 min
Delta R.T.: 0.007 min
Response: 6682800
Conc: 47.68 ug/ml



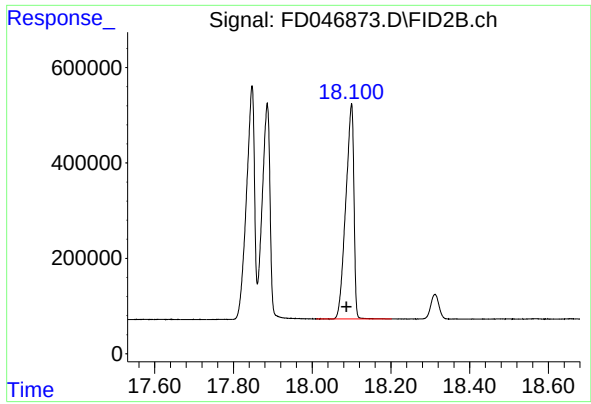
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.847 min
Delta R.T.: 0.011 min
Response: 6976611
Conc: 55.23 ug/ml



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

R.T.: 17.885 min
Delta R.T.: 0.008 min
Response: 6184154
Conc: 44.27 ug/ml



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

R.T.: 18.099 min
Delta R.T.: 0.012 min
Response: 6460267
Conc: 46.27 ug/ml

Instrument :
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