

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110723AR\
 Data File : FD046841.D
 Signal(s) : FID2B.ch
 Acq On : 07 Nov 2023 18:46
 Operator : YP/AJ
 Sample : PB156949BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB156949BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/08/2023

Supervised By :Ankita Jodhani 11/08/2023

Integration File: autoint1.e

Quant Time: Nov 07 22:03:02 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...	7.485	8515169	46.691 ug/ml
Spiked Amount 50.000		Recovery =	93.38%
6) S 2-Fluorobiphenyl (SURR)	8.338	4845314	41.173 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	82.35%
11) S ortho-Terphenyl (SURR)	11.376	8723372	41.195 ug/ml
Spiked Amount 50.000		Recovery =	82.39%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.297	5473610	28.342 ug/mlm
2) T Naphthalene (C11.7)	5.823	6503211	32.476 ug/ml
3) T 2-Methylnaphthalene (...)	6.872	6848125	34.073 ug/ml
5) T Acenaphthylene (C15.06)	8.142	7412102	40.299 ug/ml
7) T Acenaphthene (C15.5)	8.438	7393665	37.745 ug/ml
8) T Flouorene (C16.55)	9.216	7632007	41.261 ug/ml
9) T Phenanthrene (C19.36)	10.606	7706945	43.320 ug/ml
10) T Anthracene (C19.43)	10.681	7596099	44.573 ug/ml
12) T Fluoranthene (C21.85)	12.410	7983131	46.223 ug/ml
13) T Pyrene (C20.8)	12.705	7976507	47.971 ug/ml
14) T Benzo[a]anthracene (C...	14.567	7098538	50.454 ug/ml
15) T Chrysene (C27.41)	14.611	7116653	45.632 ug/ml
16) T benzo[b]fluoranthene ...	16.110	6900948	48.216 ug/ml
17) T Bnezo[k]fluoranthene ...	16.145	6794924	46.412 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.486	6401238	45.668 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.845	6403174	50.687 ug/ml
20) T Dibenz[a,h]anthracene...	17.884	5948036	42.577 ug/ml
21) T Benzo[g,h,i]perylene ...	18.098	6104954	43.724 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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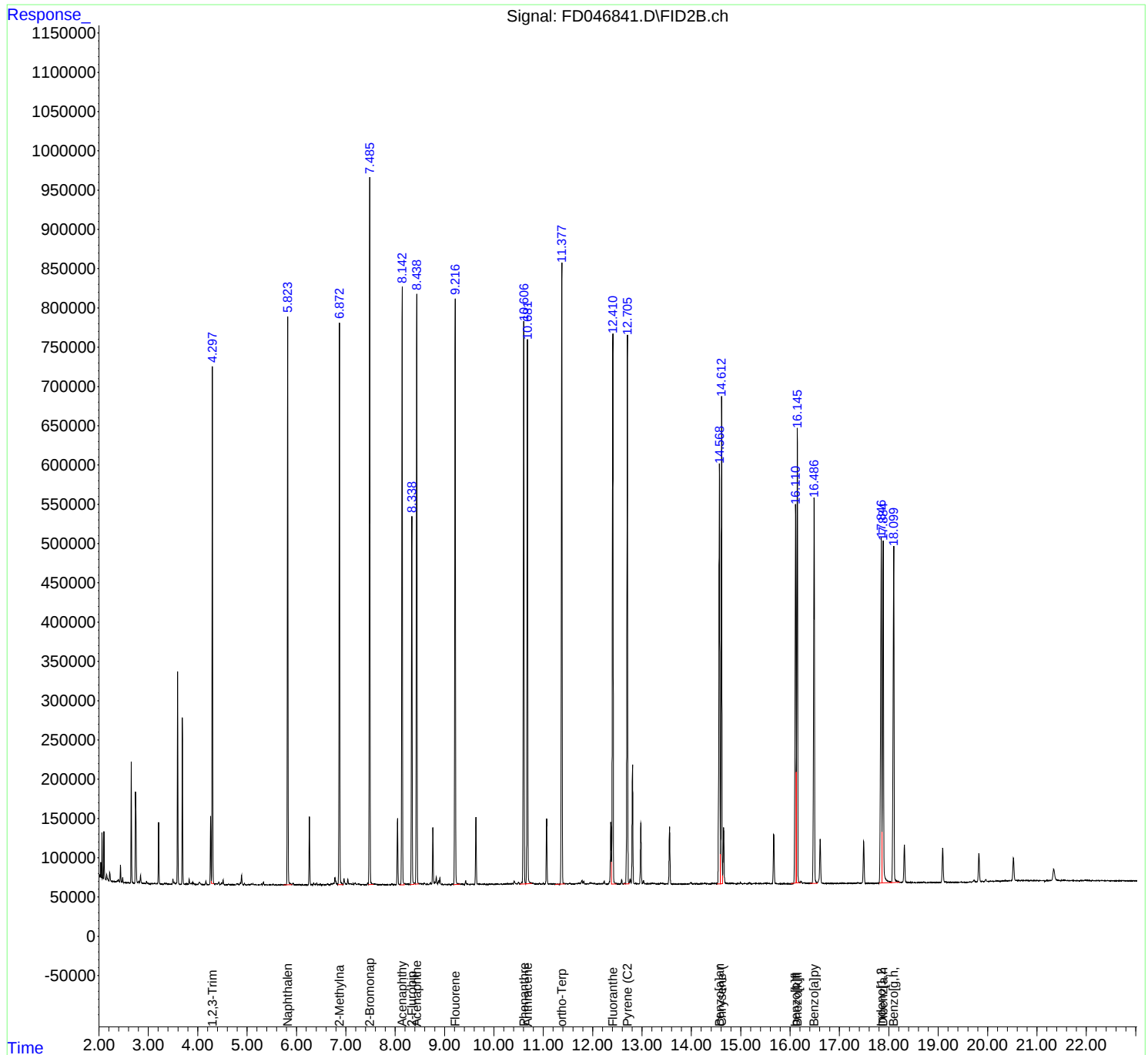
Instrument :
FID_D
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PB156949BSD

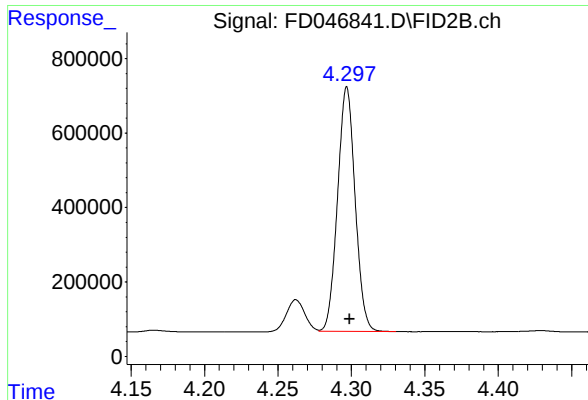
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.297 min
Delta R.T.: -0.002 min
Response: 5473610
Conc: 28.34 ug/ml

Instrument :

FID_D

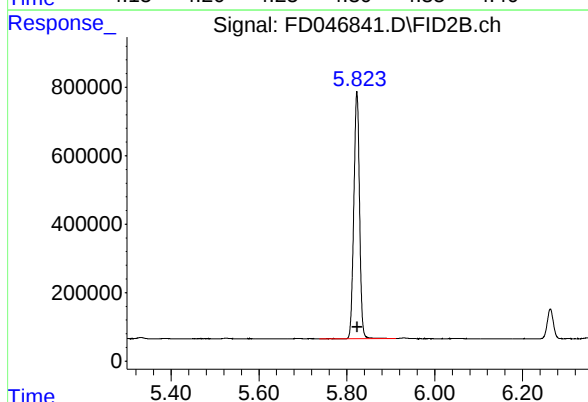
ClientSampleId :

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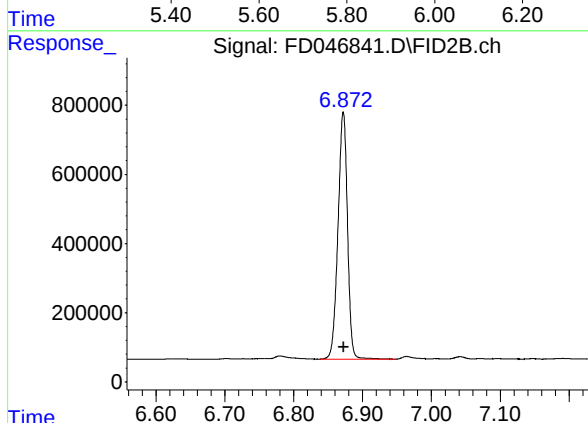
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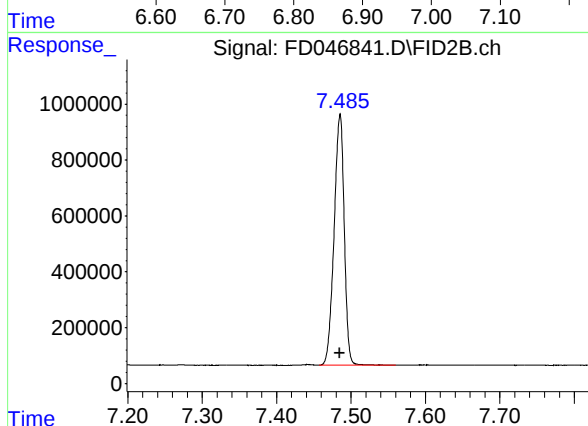
#2 Naphthalene (C11.7)

R.T.: 5.823 min
Delta R.T.: -0.002 min
Response: 6503211
Conc: 32.48 ug/ml



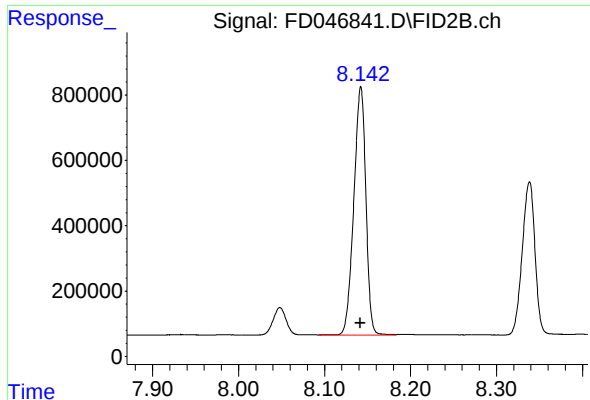
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.872 min
Delta R.T.: 0.000 min
Response: 6848125
Conc: 34.07 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.485 min
Delta R.T.: 0.000 min
Response: 8515169
Conc: 46.69 ug/ml



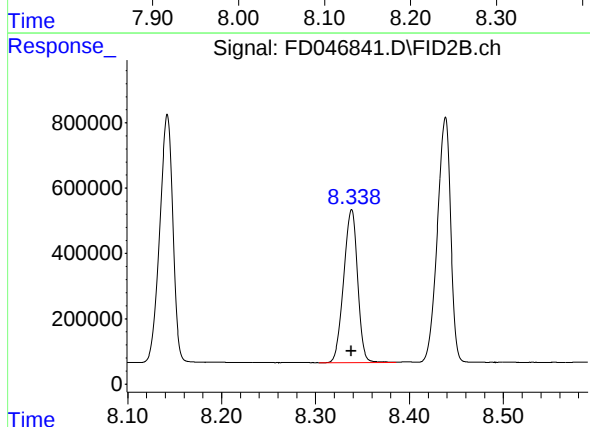
#5 Acenaphthylene (C15.06)

R.T.: 8.142 min
Delta R.T.: 0.000 min
Response: 7412102
Conc: 40.30 ug/ml

Instrument :
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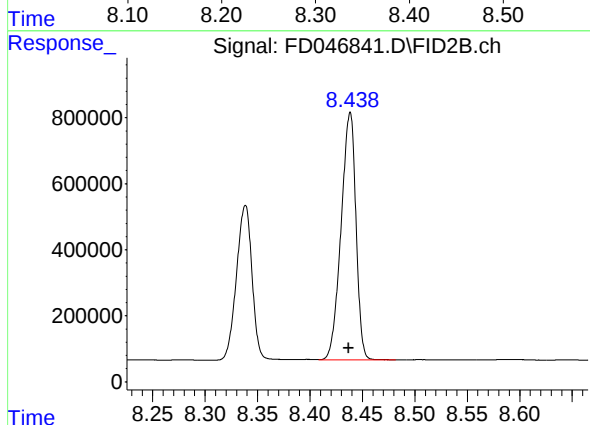
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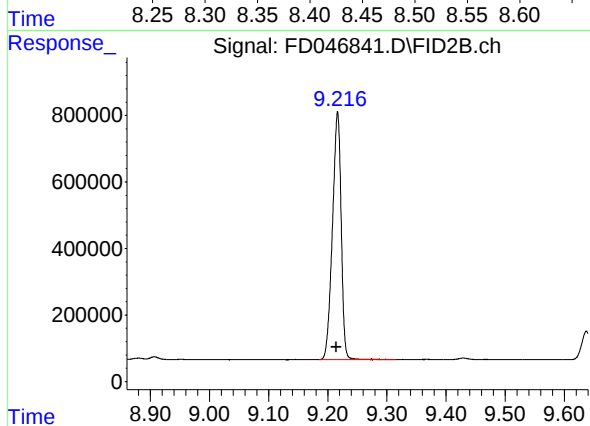
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.338 min
Delta R.T.: 0.000 min
Response: 4845314
Conc: 41.17 ug/ml



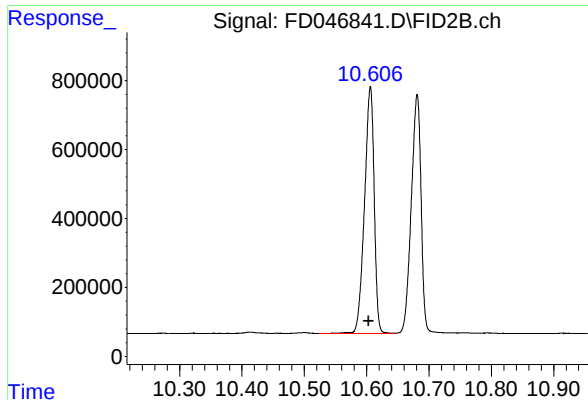
#7 Acenaphthene (C15.5)

R.T.: 8.438 min
Delta R.T.: 0.001 min
Response: 7393665
Conc: 37.74 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.216 min
Delta R.T.: 0.002 min
Response: 7632007
Conc: 41.26 ug/ml



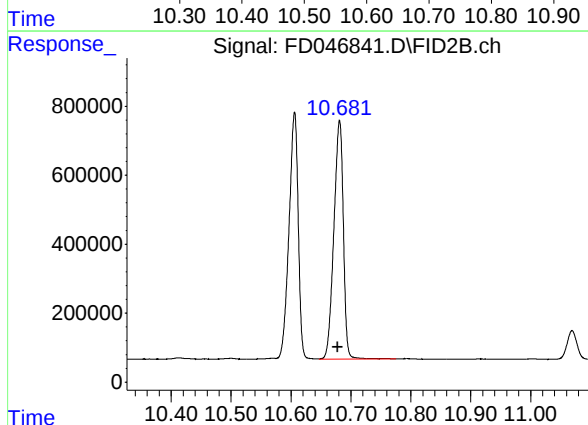
#9 Phenanthrene (C19.36)

R.T.: 10.606 min
Delta R.T.: 0.002 min
Response: 7706945
Conc: 43.32 ug/ml

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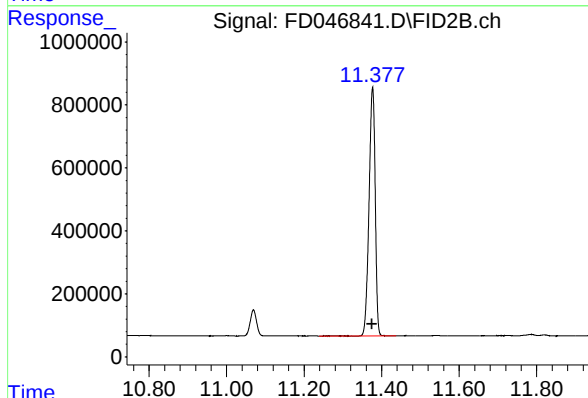
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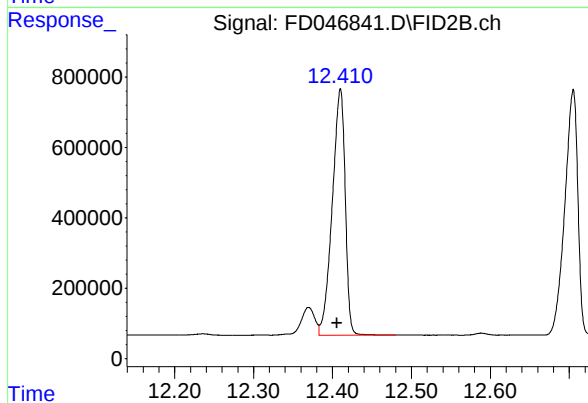
#10 Anthracene (C19.43)

R.T.: 10.681 min
Delta R.T.: 0.003 min
Response: 7596099
Conc: 44.57 ug/ml



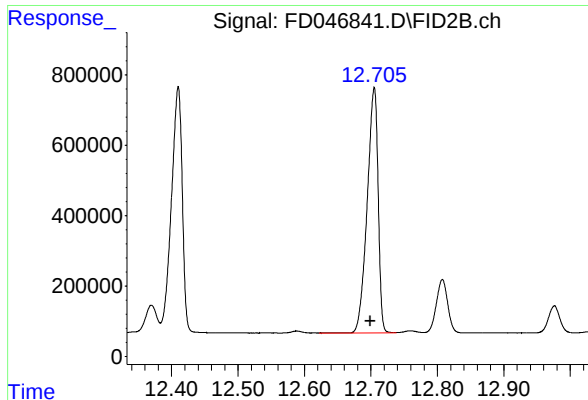
#11 ortho-Terphenyl (SURR)

R.T.: 11.376 min
Delta R.T.: 0.001 min
Response: 8723372
Conc: 41.20 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.410 min
Delta R.T.: 0.004 min
Response: 7983131
Conc: 46.22 ug/ml



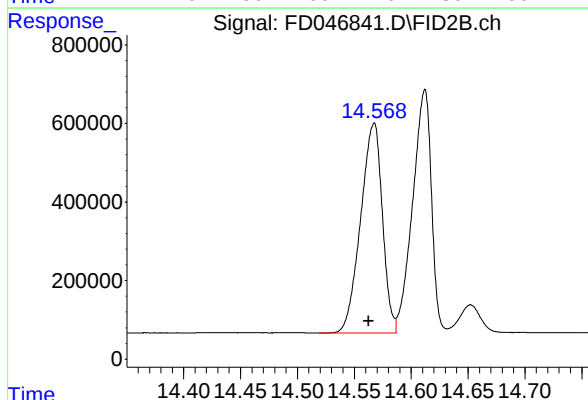
#13 Pyrene (C20.8)

R.T.: 12.705 min
Delta R.T.: 0.005 min
Response: 7976507
Conc: 47.97 ug/ml

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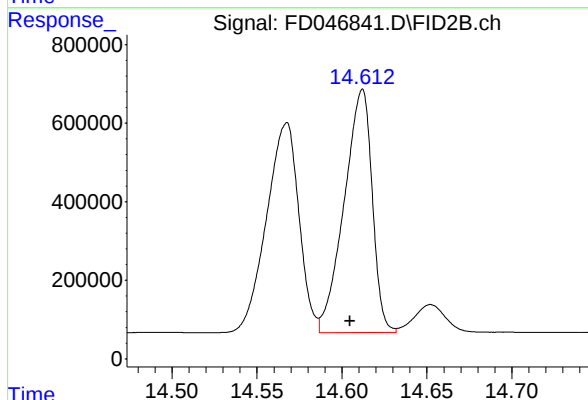
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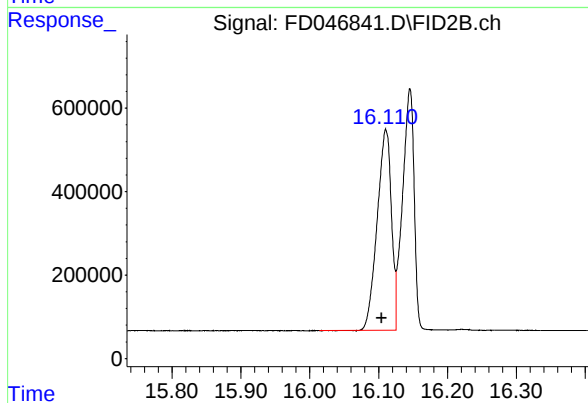
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.567 min
Delta R.T.: 0.004 min
Response: 7098538
Conc: 50.45 ug/ml



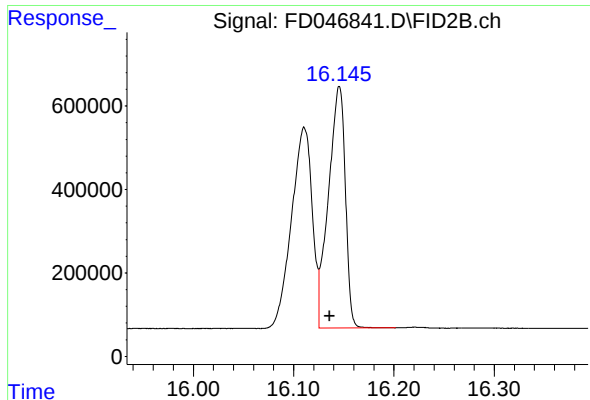
#15 Chrysene (C27.41)

R.T.: 14.611 min
Delta R.T.: 0.007 min
Response: 7116653
Conc: 45.63 ug/ml



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

R.T.: 16.110 min
Delta R.T.: 0.006 min
Response: 6900948
Conc: 48.22 ug/ml



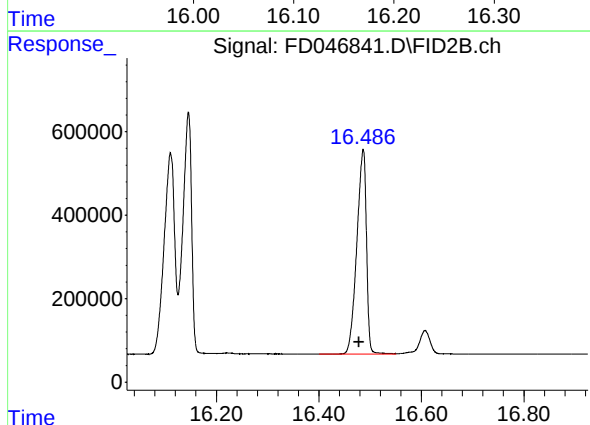
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.145 min
Delta R.T.: 0.009 min
Response: 6794924
Conc: 46.41 ug/ml

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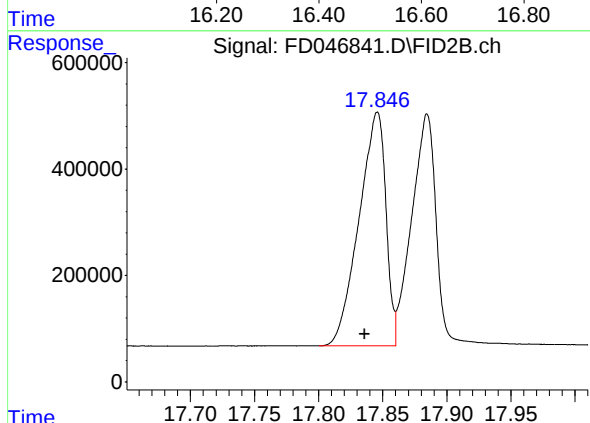
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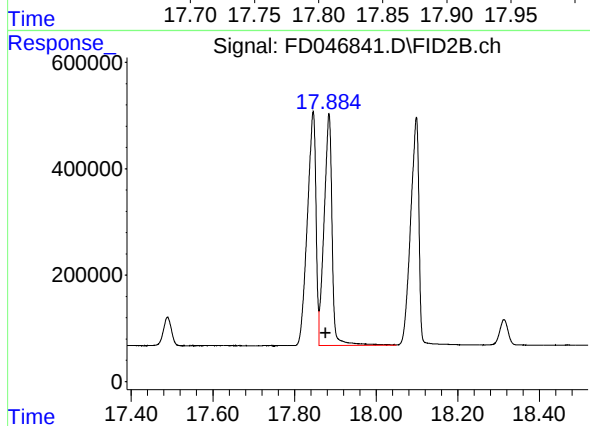
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.486 min
Delta R.T.: 0.007 min
Response: 6401238
Conc: 45.67 ug/ml



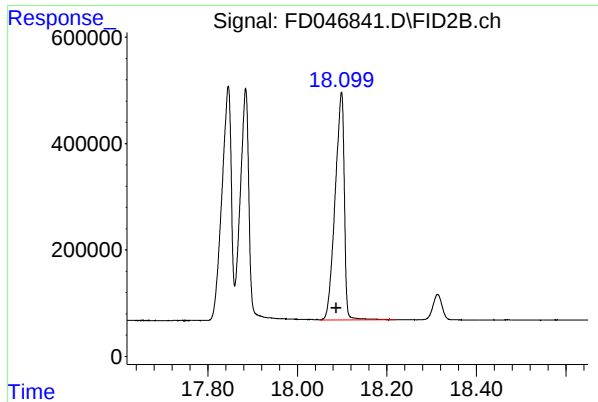
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.845 min
Delta R.T.: 0.009 min
Response: 6403174
Conc: 50.69 ug/ml



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

R.T.: 17.884 min
Delta R.T.: 0.007 min
Response: 5948036
Conc: 42.58 ug/ml



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

R.T.: 18.098 min
Delta R.T.: 0.011 min
Response: 6104954
Conc: 43.72 ug/ml

Instrument :

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