

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062423AR\
 Data File : FD045962.D
 Signal(s) : FID2B.ch
 Acq On : 25 Jun 2023 00:38
 Operator : YP/AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/26/2023
 Supervised By :Ankita Jodhani 06/26/2023

Integration File: autoint1.e
 Quant Time: Jun 25 04:37:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:37:41 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...	7.517	1046850	4.858 ug/ml
Spiked Amount 50.000		Recovery =	9.72%
6) S 2-Fluorobiphenyl (SURR)	8.371	658719	4.759 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	9.52%
11) S ortho-Terphenyl (SURR)	11.409	1260224	4.971 ug/ml
Spiked Amount 50.000		Recovery =	9.94%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.329	1226728	4.925 ug/ml
2) T Naphthalene (C11.7)	5.857	1261074	4.943 ug/ml
3) T 2-Methylnaphthalene (...)	6.905	1229725	4.878 ug/ml
5) T Acenaphthylene (C15.06)	8.175	1049887	4.834 ug/ml
7) T Acenaphthene (C15.5)	8.470	1150294	4.880 ug/ml
8) T Fluorene (C16.55)	9.247	1091336	4.823 ug/ml
9) T Phenanthrene (C19.36)	10.637	1038045	4.865 ug/ml
10) T Anthracene (C19.43)	10.710	890789	5.606 ug/ml
12) T Fluoranthene (C21.85)	12.440	1045191	5.107 ug/ml
13) T Pyrene (C20.8)	12.734	963685	4.956 ug/ml
14) T Benzo[a]anthracene (C...	14.598	936811	5.209 ug/ml
15) T Chrysene (C27.41)	14.639	1081397	5.510 ug/ml
16) T benzo[b]fluoranthene ...	16.138	923381	4.923 ug/ml
17) T Bnezo[k]fluoranthene ...	16.170	1124848	5.687 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.513	883175	5.069 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.868	917524	4.930 ug/ml
20) T Dibenz[a,h]anthracene...	17.911	922819	5.019 ug/ml
21) T Benzo[g,h,i]perylene ...	18.119	914154	4.893 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : 5 PPM AROMATIC HC STD5
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ALS Vial : 80 Sample Multiplier: 1

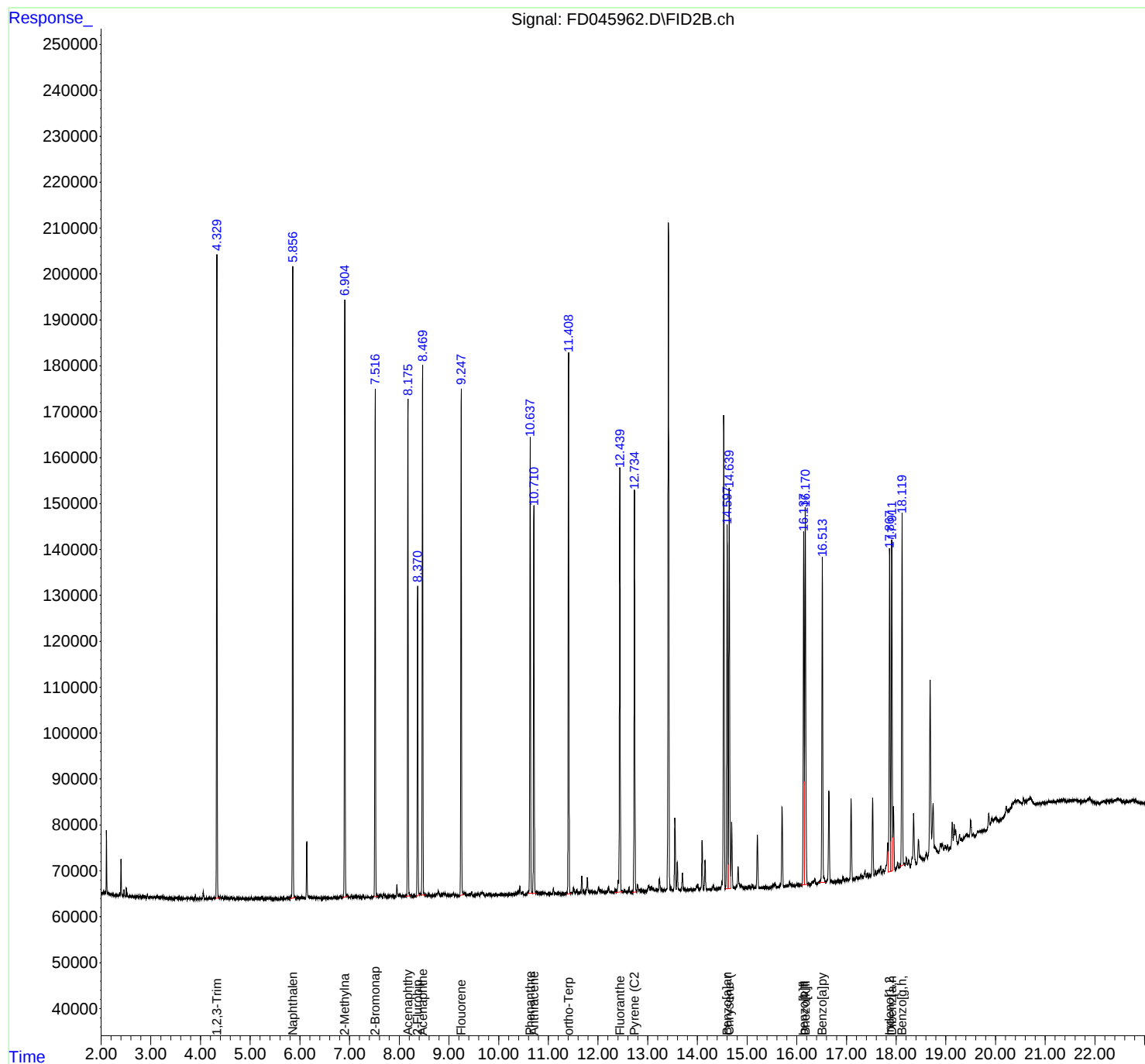
Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5

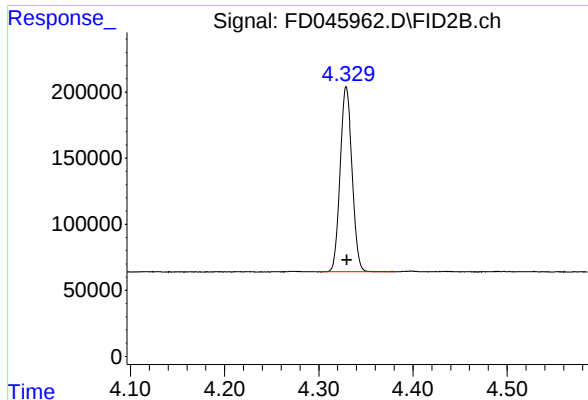
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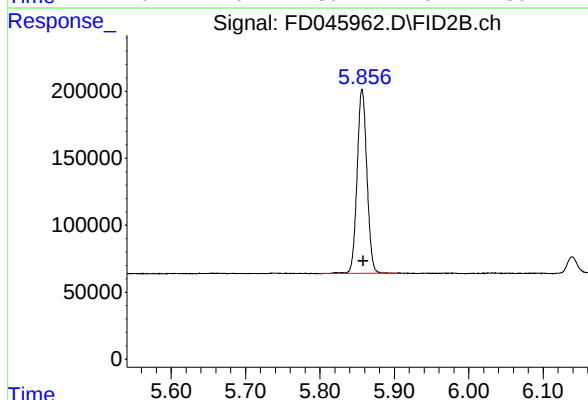
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.329 min
Delta R.T.: 0.000 min
Response: 1226728
Conc: 4.92 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5

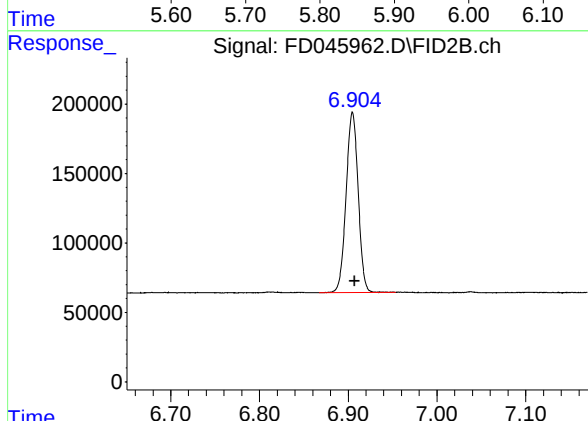
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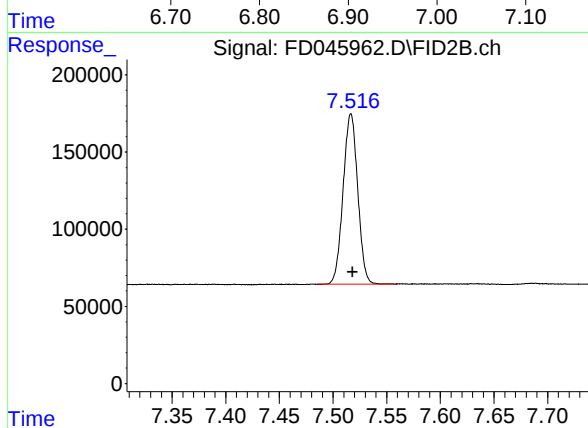
#2 Naphthalene (C11.7)

R.T.: 5.857 min
Delta R.T.: -0.002 min
Response: 1261074
Conc: 4.94 ug/ml



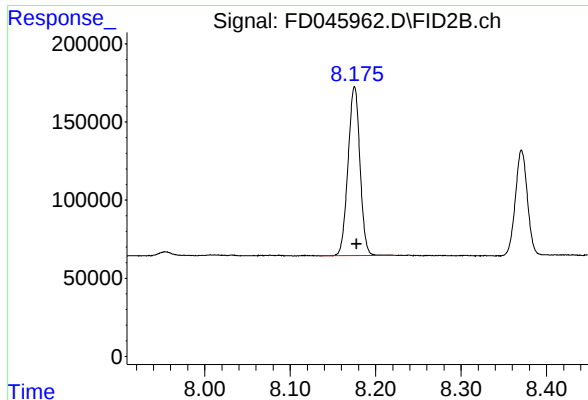
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.905 min
Delta R.T.: -0.002 min
Response: 1229725
Conc: 4.88 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.517 min
Delta R.T.: -0.002 min
Response: 1046850
Conc: 4.86 ug/ml



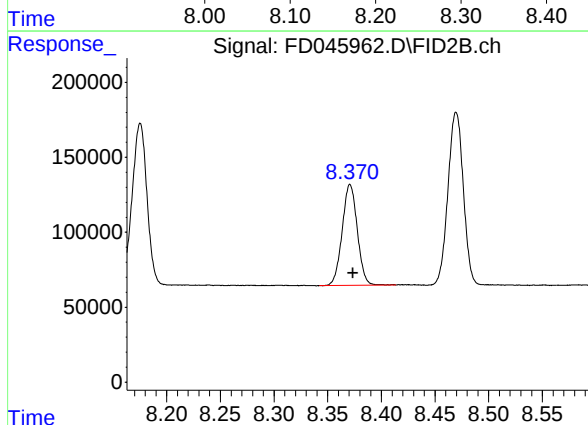
#5 Acenaphthylene (C15.06)

R.T.: 8.175 min
Delta R.T.: -0.002 min
Response: 1049887
Conc: 4.83 ug/ml

Instrument :
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5 PPM AROMATIC HC STD5

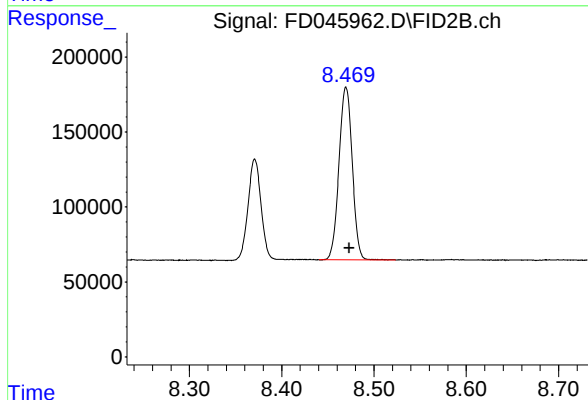
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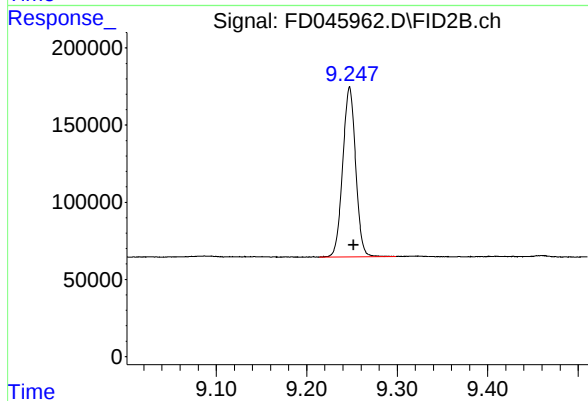
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.371 min
Delta R.T.: -0.003 min
Response: 658719
Conc: 4.76 ug/ml



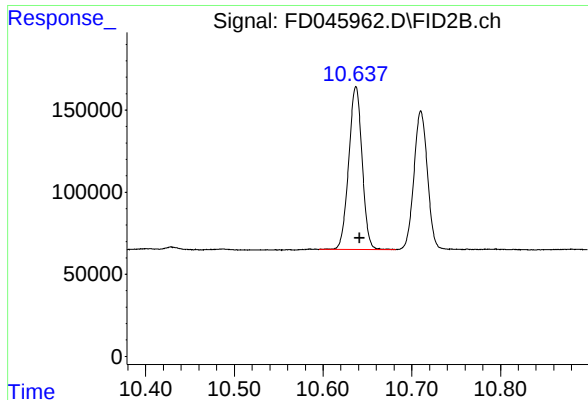
#7 Acenaphthene (C15.5)

R.T.: 8.470 min
Delta R.T.: -0.003 min
Response: 1150294
Conc: 4.88 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.247 min
Delta R.T.: -0.004 min
Response: 1091336
Conc: 4.82 ug/ml



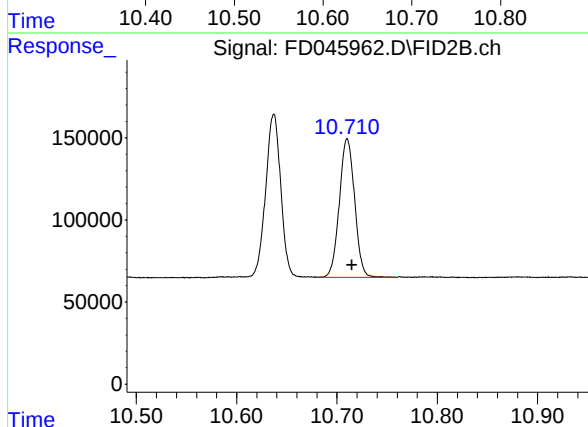
#9 Phenanthrene (C19.36)

R.T.: 10.637 min
Delta R.T.: -0.005 min
Response: 1038045
Conc: 4.86 ug/ml

Instrument :
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5 PPM AROMATIC HC STD5

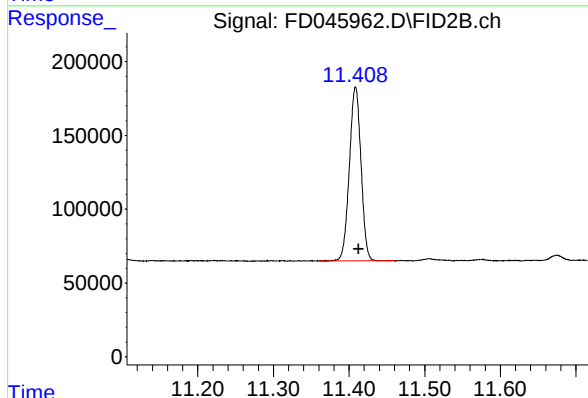
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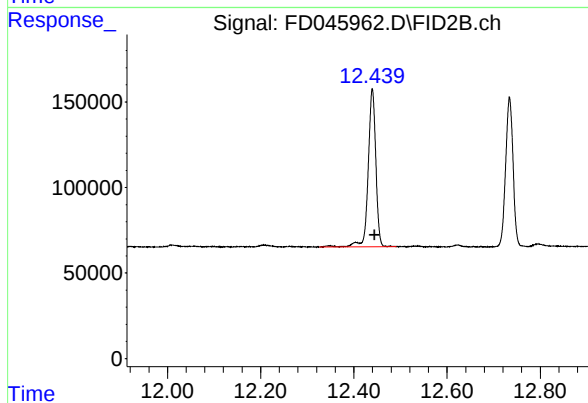
#10 Anthracene (C19.43)

R.T.: 10.710 min
Delta R.T.: -0.005 min
Response: 890789
Conc: 5.61 ug/ml



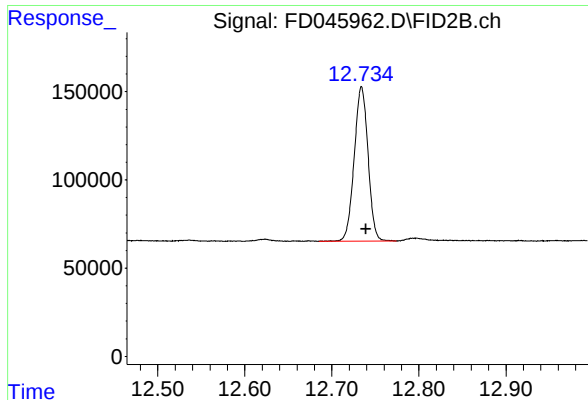
#11 ortho-Terphenyl (SURR)

R.T.: 11.409 min
Delta R.T.: -0.004 min
Response: 1260224
Conc: 4.97 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.440 min
Delta R.T.: -0.005 min
Response: 1045191
Conc: 5.11 ug/ml



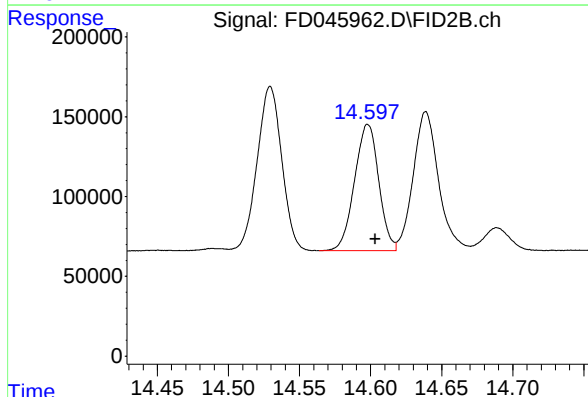
#13 Pyrene (C20.8)

R.T.: 12.734 min
Delta R.T.: -0.005 min
Response: 963685
Conc: 4.96 ug/ml

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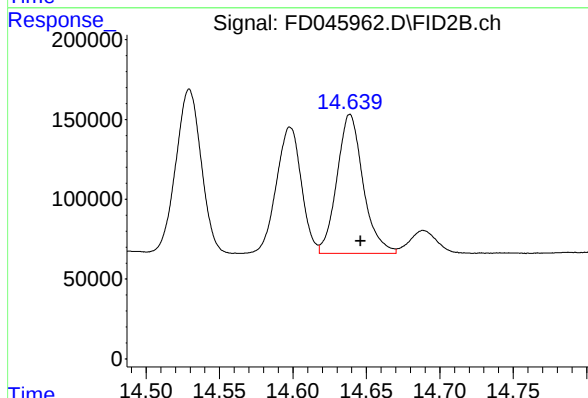
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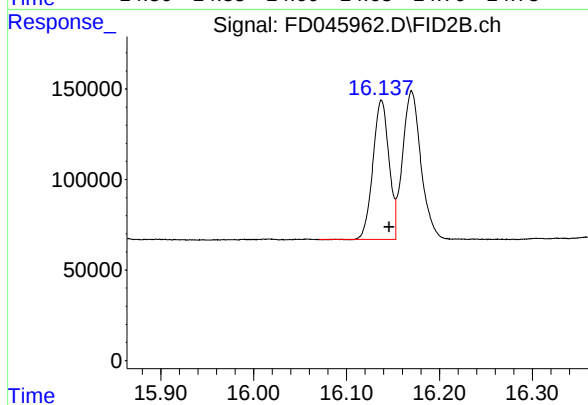
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.598 min
Delta R.T.: -0.005 min
Response: 936811
Conc: 5.21 ug/ml



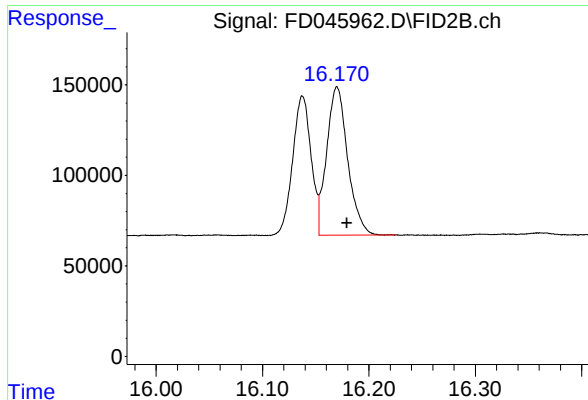
#15 Chrysene (C27.41)

R.T.: 14.639 min
Delta R.T.: -0.007 min
Response: 1081397
Conc: 5.51 ug/ml



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

R.T.: 16.138 min
Delta R.T.: -0.008 min
Response: 923381
Conc: 4.92 ug/ml



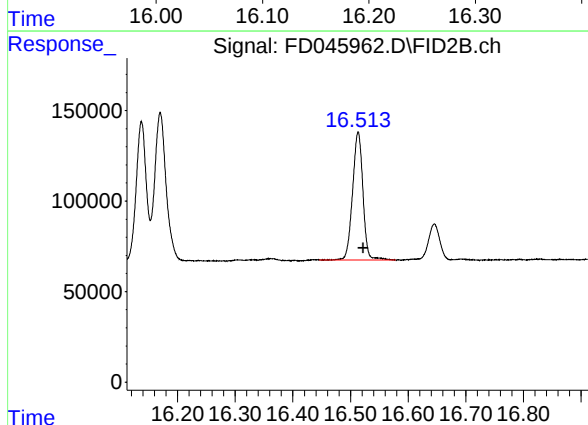
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.170 min
Delta R.T.: -0.009 min
Response: 1124848
Conc: 5.69 ug/ml

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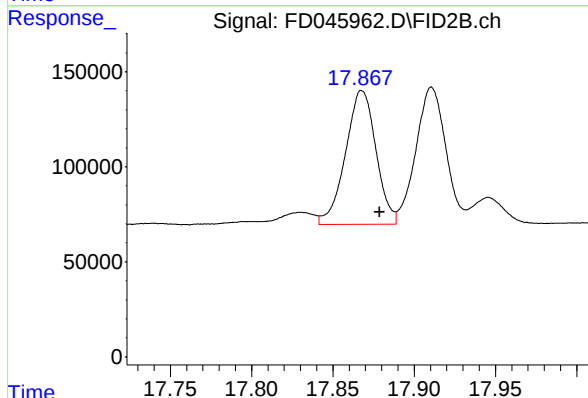
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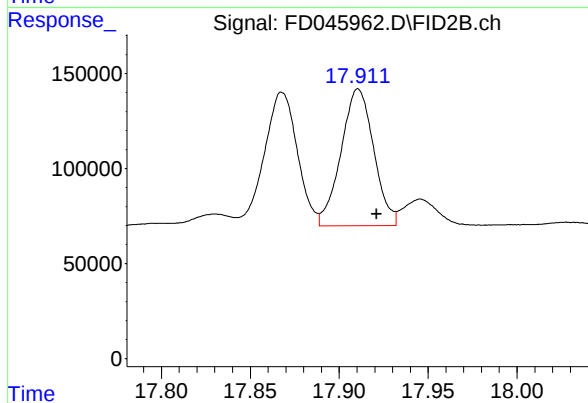
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.513 min
Delta R.T.: -0.009 min
Response: 883175
Conc: 5.07 ug/ml



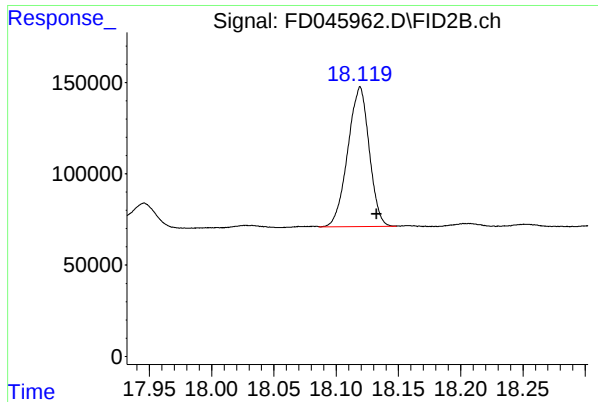
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.868 min
Delta R.T.: -0.011 min
Response: 917524
Conc: 4.93 ug/ml



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

R.T.: 17.911 min
Delta R.T.: -0.010 min
Response: 922819
Conc: 5.02 ug/ml



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

R.T.: 18.119 min
Delta R.T.: -0.014 min
Response: 914154
Conc: 4.89 ug/ml

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