

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100523AR\
 Data File : FD046662.D
 Signal(s) : FID2B.ch
 Acq On : 05 Oct 2023 16:37
 Operator : YP/AJ
 Sample : 04699-07
 Misc : 4PPM WATER LOD
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/06/2023
 Supervised By :Ankita Jodhani 10/06/2023

Integration File: autoint1.e
 Quant Time: Oct 05 23:53:22 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:47:22 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...	7.490	8356536	47.419 ug/ml
Spiked Amount 50.000		Recovery =	94.84%
6) S 2-Fluorobiphenyl (SURR)	8.343	5565465	48.037 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	96.07%
11) S ortho-Terphenyl (SURR)	11.382	8881060	43.593 ug/ml
Spiked Amount 50.000		Recovery =	87.19%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.301	658127	3.563 ug/ml
2) T Naphthalene (C11.7)	5.827	758274	3.924 ug/ml
3) T 2-Methylnaphthalene (...)	6.875	767948	3.963 ug/ml
5) T Acenaphthylene (C15.06)	8.143	779179	4.419 ug/ml
7) T Acenaphthene (C15.5)	8.438	775198	4.126 ug/ml
8) T Fluorene (C16.55)	9.217	765822	4.245 ug/ml
9) T Phenanthrene (C19.36)	10.604	744612	4.235 ug/ml
10) T Anthracene (C19.43)	10.679	711296	4.631 ug/ml
12) T Fluoranthene (C21.85)	12.406	750272	4.402 ug/ml
13) T Pyrene (C20.8)	12.700	743496	4.532 ug/ml
14) T Benzo[a]anthracene (C...	14.562	628515	4.501 ug/ml
15) T Chrysene (C27.41)	14.603	695923	4.584 ug/ml
16) T benzo[b]fluoranthene ...	16.102	606346	4.420 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.133	655079	4.729 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.478	587413	4.391 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.833	552558	4.408 ug/ml
20) T Dibenz[a,h]anthracene...	17.877	672125	5.051 ug/ml
21) T Benzo[g,h,i]perylene ...	18.083	579406	4.394 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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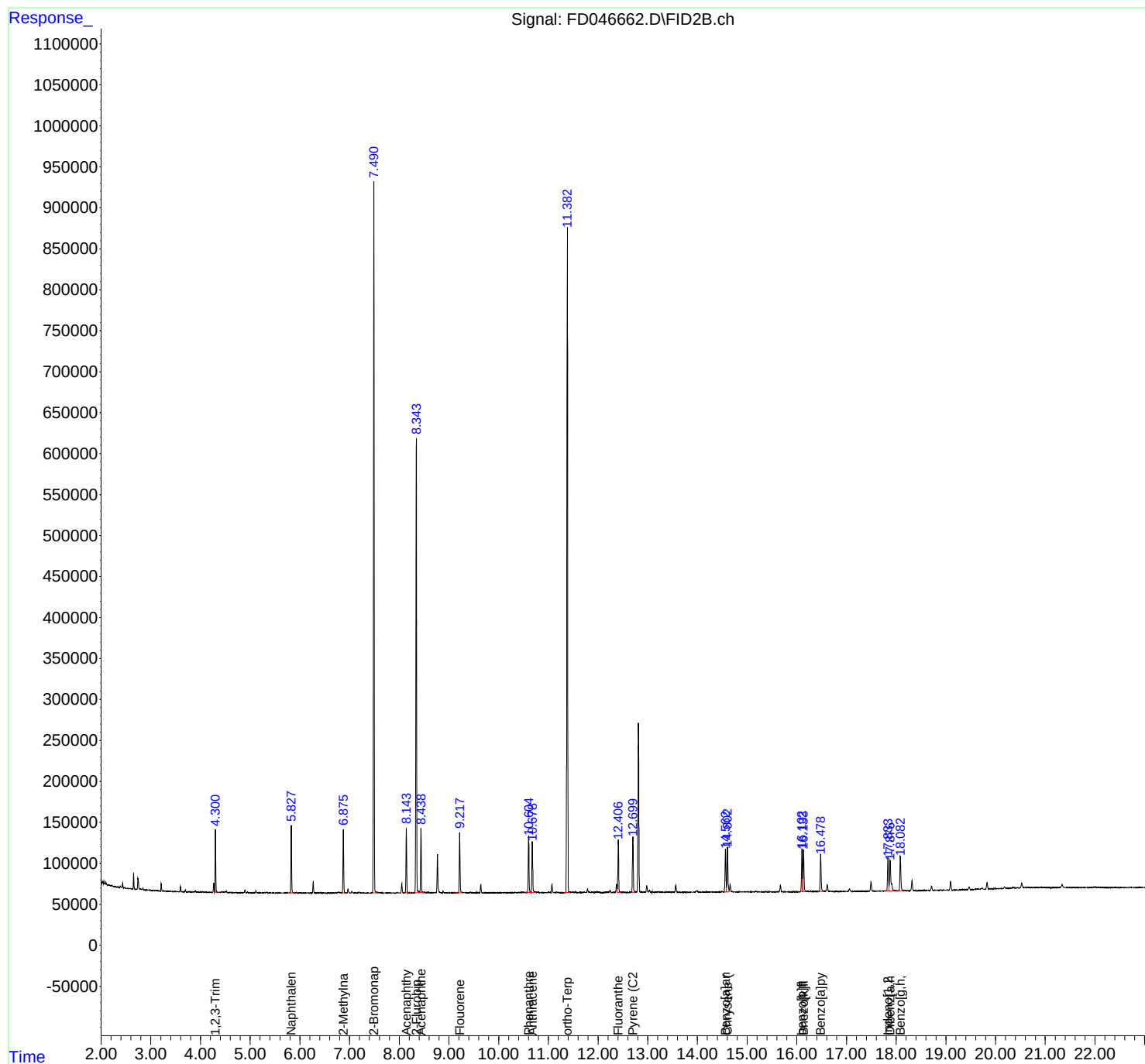
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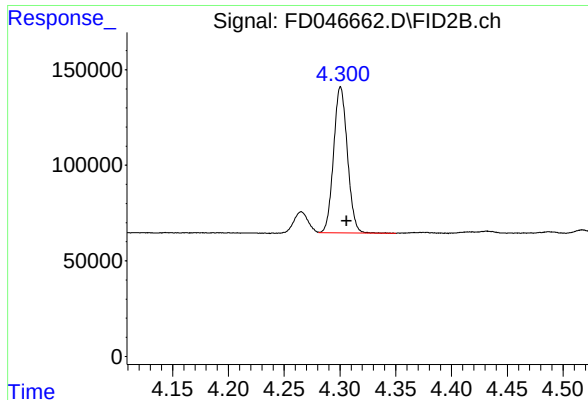
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.301 min
Delta R.T.: -0.005 min
Response: 658127
Conc: 3.56 ug/ml

Instrument :

FID_D

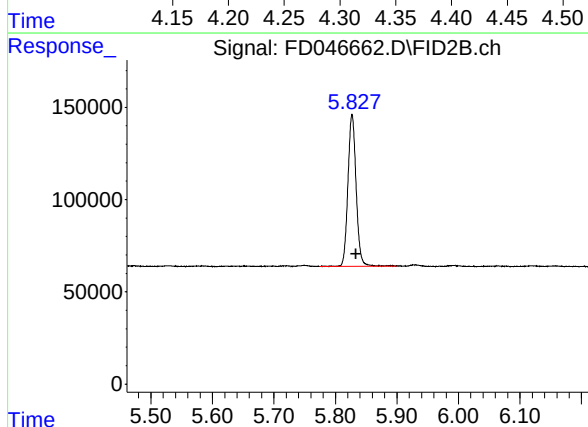
ClientSampleId :

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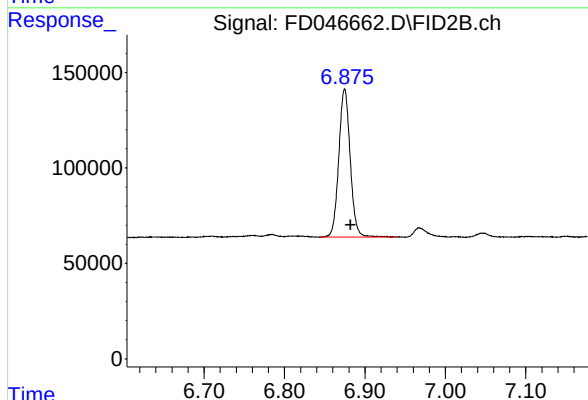
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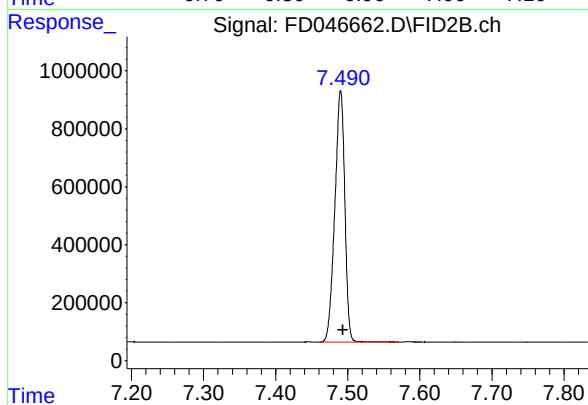
#2 Naphthalene (C11.7)

R.T.: 5.827 min
Delta R.T.: -0.006 min
Response: 758274
Conc: 3.92 ug/ml



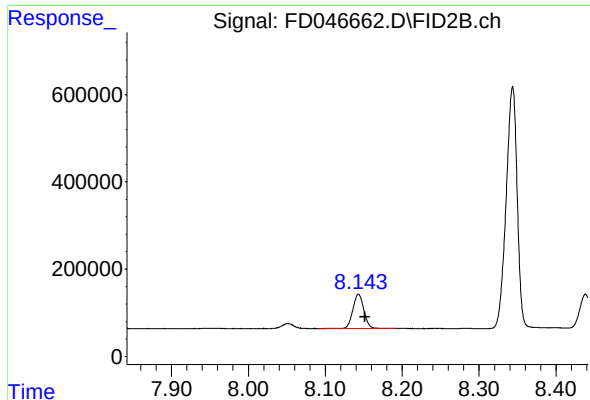
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.875 min
Delta R.T.: -0.007 min
Response: 767948
Conc: 3.96 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.490 min
Delta R.T.: -0.004 min
Response: 8356536
Conc: 47.42 ug/ml



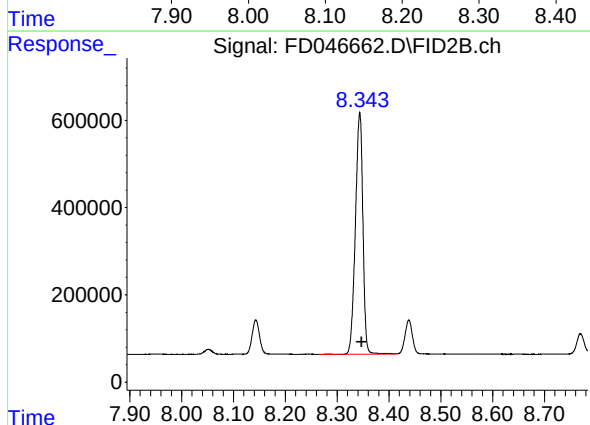
#5 Acenaphthylene (C15.06)

R.T.: 8.143 min
Delta R.T.: -0.008 min
Response: 779179
Conc: 4.42 ug/ml

Instrument :
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ClientSampleId :
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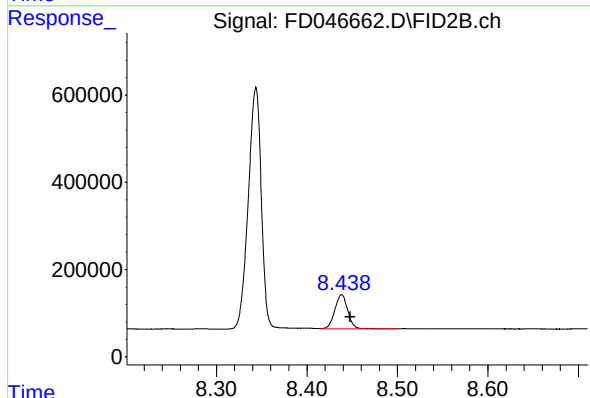
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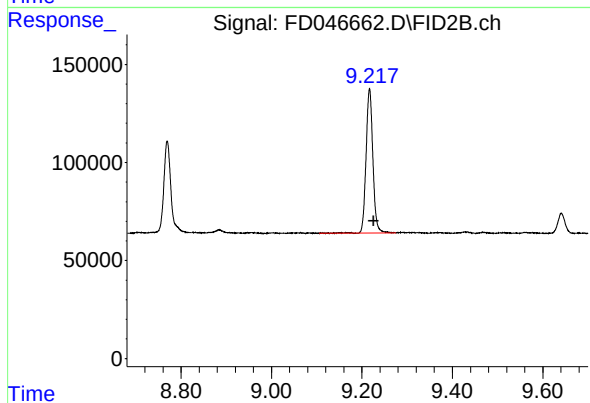
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.343 min
Delta R.T.: -0.004 min
Response: 5565465
Conc: 48.04 ug/ml



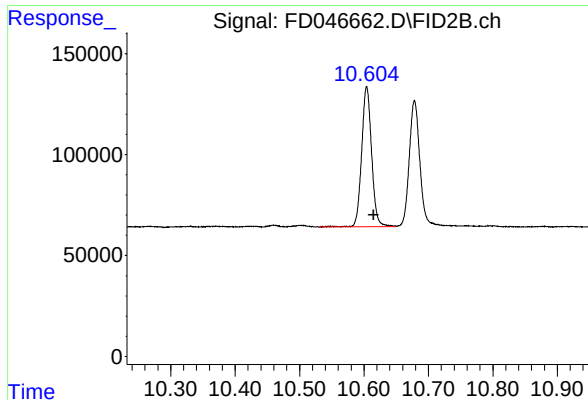
#7 Acenaphthene (C15.5)

R.T.: 8.438 min
Delta R.T.: -0.010 min
Response: 775198
Conc: 4.13 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.217 min
Delta R.T.: -0.009 min
Response: 765822
Conc: 4.25 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.604 min
Delta R.T.: -0.011 min
Response: 744612
Conc: 4.23 ug/ml

Instrument :

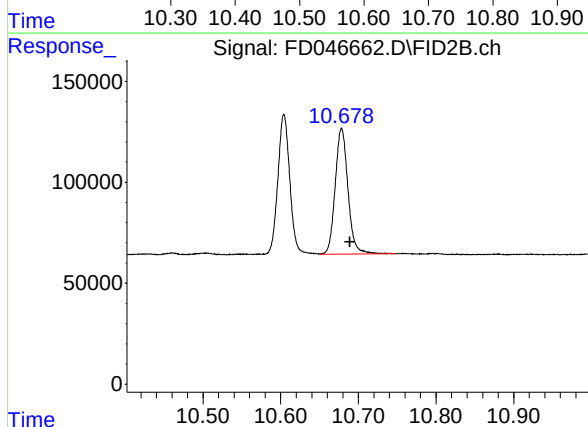
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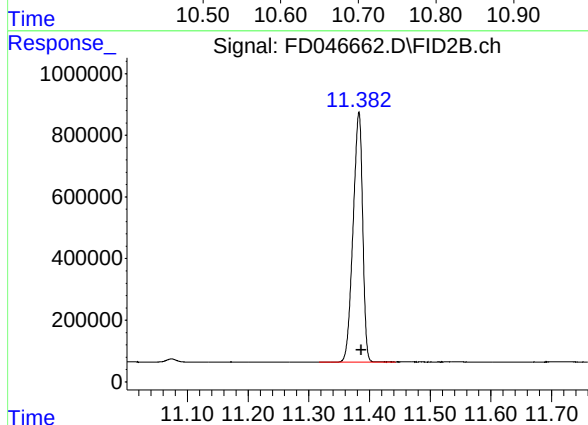
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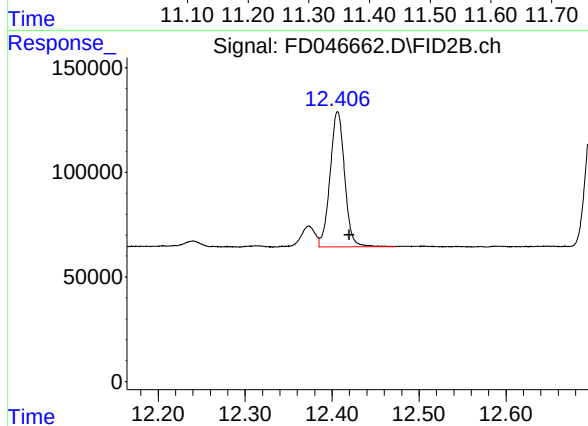
#10 Anthracene (C19.43)

R.T.: 10.679 min
Delta R.T.: -0.011 min
Response: 711296
Conc: 4.63 ug/ml



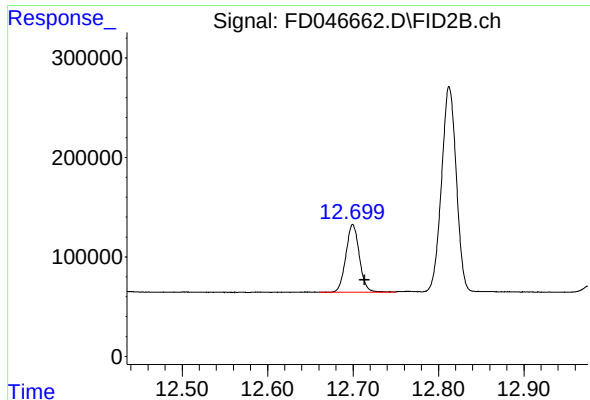
#11 ortho-Terphenyl (SURR)

R.T.: 11.382 min
Delta R.T.: -0.004 min
Response: 8881060
Conc: 43.59 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.406 min
Delta R.T.: -0.013 min
Response: 750272
Conc: 4.40 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.700 min
Delta R.T.: -0.014 min
Response: 743496
Conc: 4.53 ug/ml

Instrument :

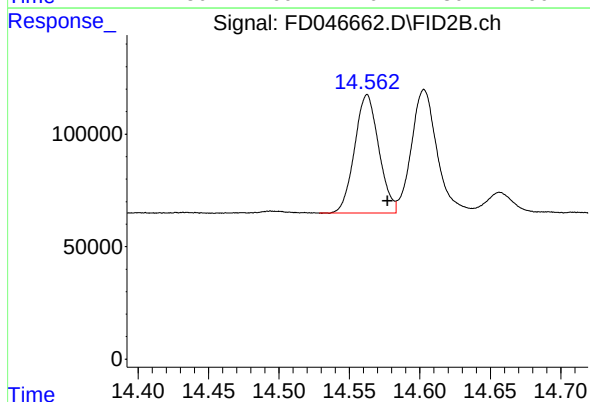
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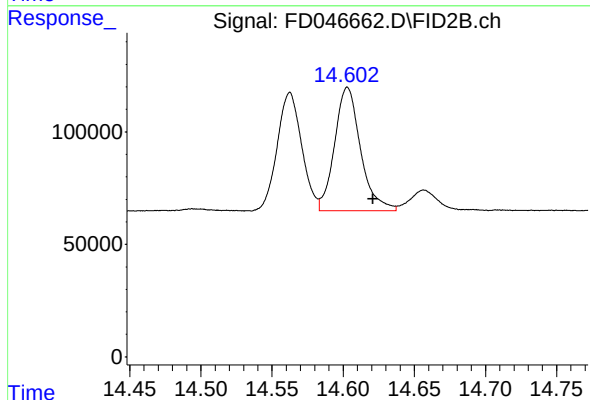
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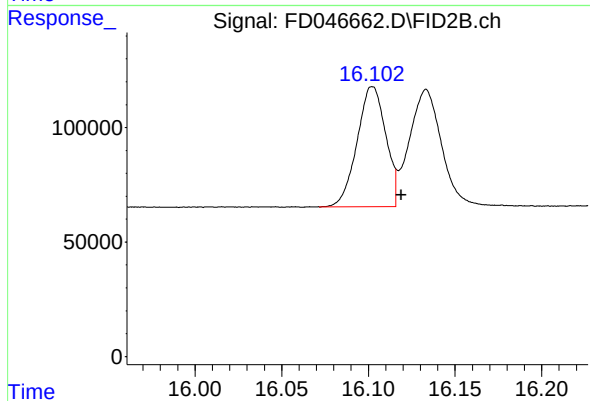
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.562 min
Delta R.T.: -0.015 min
Response: 628515
Conc: 4.50 ug/ml



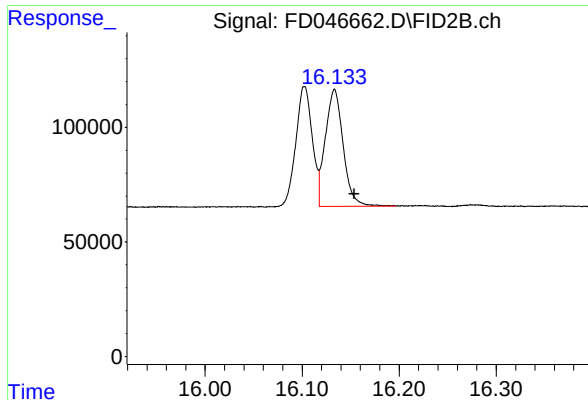
#15 Chrysene (C27.41)

R.T.: 14.603 min
Delta R.T.: -0.018 min
Response: 695923
Conc: 4.58 ug/ml



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

R.T.: 16.102 min
Delta R.T.: -0.017 min
Response: 606346
Conc: 4.42 ug/ml m



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

R.T.: 16.133 min
Delta R.T.: -0.021 min
Response: 655079
Conc: 4.73 ug/ml

Instrument :

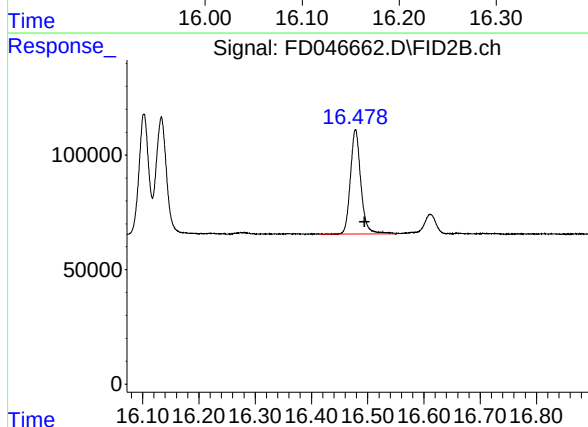
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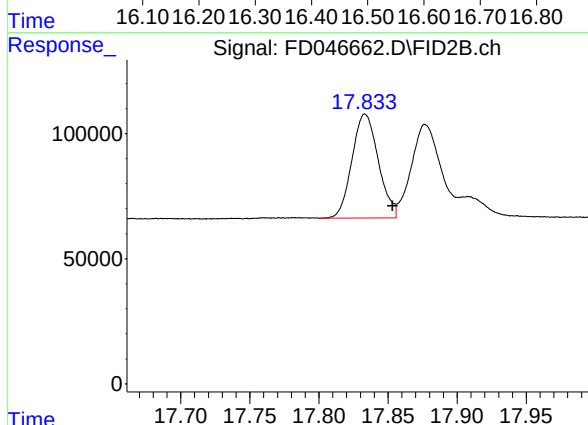
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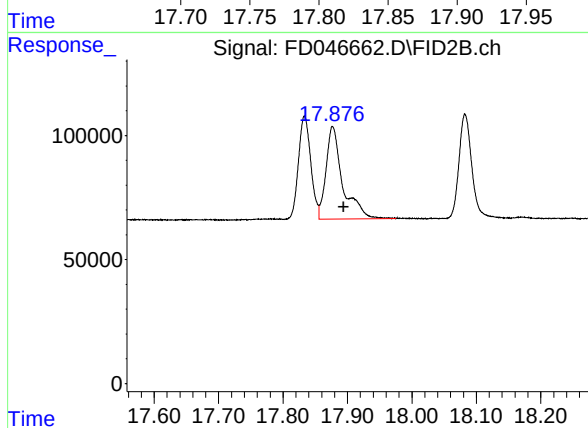
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.478 min
Delta R.T.: -0.016 min
Response: 587413
Conc: 4.39 ug/ml



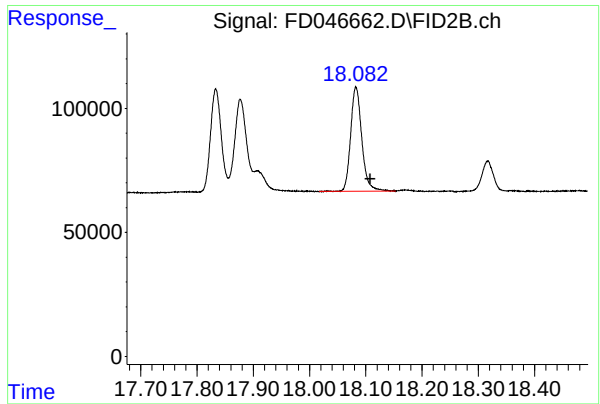
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.833 min
Delta R.T.: -0.020 min
Response: 552558
Conc: 4.41 ug/ml



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

R.T.: 17.877 min
Delta R.T.: -0.017 min
Response: 672125
Conc: 5.05 ug/ml



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

R.T.: 18.083 min
Delta R.T.: -0.026 min
Response: 579406
Conc: 4.39 ug/ml

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