

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100523AR\
 Data File : FD046661.D
 Signal(s) : FID2B.ch
 Acq On : 05 Oct 2023 15:51
 Operator : YP/AJ
 Sample : 04699-07
 Misc : 2.5PPM WATER LOD
 ALS Vial : 63 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 23:53:12 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...	7.489	7250232	41.142 ug/ml
Spiked Amount 50.000		Recovery =	82.28%
6) S 2-Fluorobiphenyl (SURR)	8.343	4875526	42.082 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	84.16%
11) S ortho-Terphenyl (SURR)	11.381	7925381	38.902 ug/ml
Spiked Amount 50.000		Recovery =	77.80%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.302	365209	1.977 ug/ml
2) T Naphthalene (C11.7)	5.828	418543	2.166 ug/ml
3) T 2-Methylnaphthalene (...)	6.875	427359	2.205 ug/mlm
5) T Acenaphthylene (C15.06)	8.143	432795	2.455 ug/ml
7) T Acenaphthene (C15.5)	8.438	430852	2.293 ug/ml
8) T Flouorene (C16.55)	9.217	430374	2.386 ug/mlm
9) T Phenanthrene (C19.36)	10.605	414806	2.359 ug/ml
10) T Anthracene (C19.43)	10.679	393376	2.561 ug/ml
12) T Fluoranthene (C21.85)	12.407	419993	2.464 ug/ml
13) T Pyrene (C20.8)	12.700	419469	2.557 ug/mlm
14) T Benzo[a]anthracene (C...	14.564	346864	2.484 ug/ml
15) T Chrysene (C27.41)	14.605	396254	2.610 ug/ml
16) T benzo[b]fluoranthene ...	16.103	336249	2.451 ug/ml
17) T Bnezo[k]fluoranthene ...	16.136	361199	2.607 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.481	322902	2.414 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.836	290435	2.317 ug/ml
20) T Dibenz[a,h]anthracene...	17.880	372504	2.799 ug/ml
21) T Benzo[g,h,i]perylene ...	18.085	312324	2.368 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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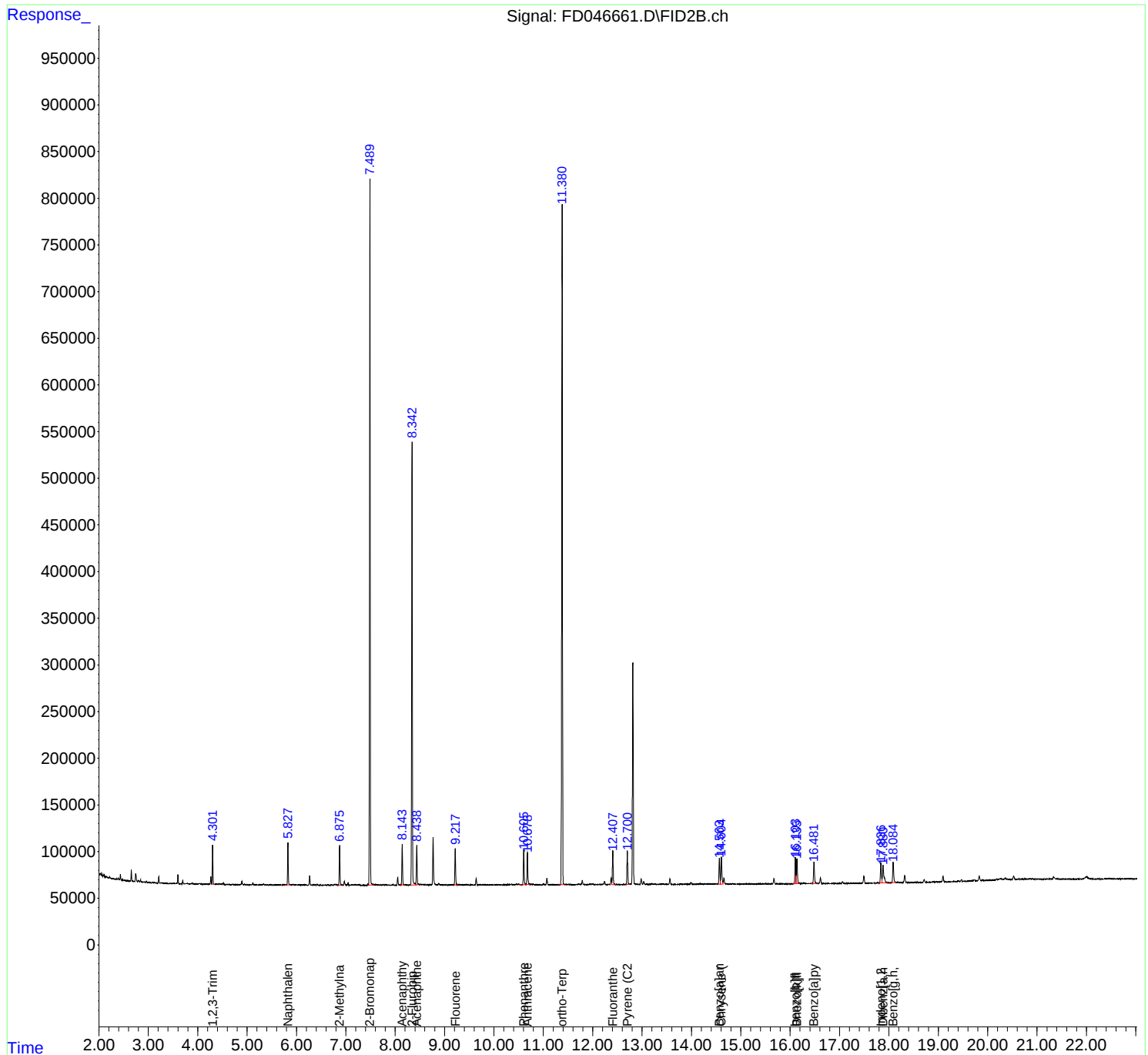
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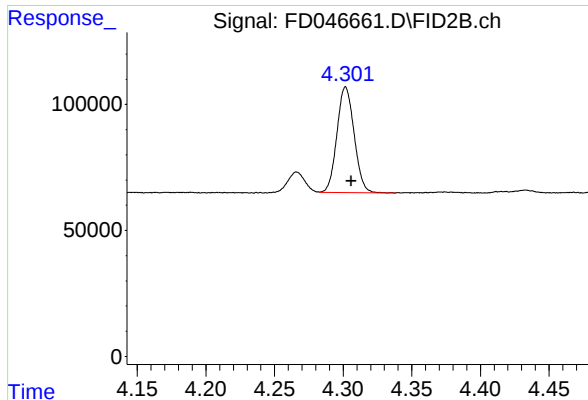
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.302 min
Delta R.T.: -0.004 min
Response: 365209
Conc: 1.98 ug/ml

Instrument :

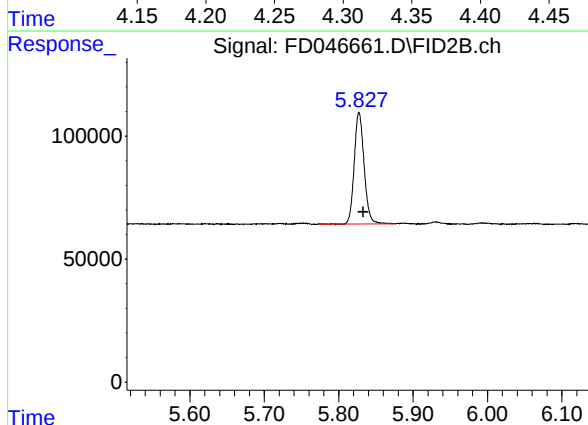
FID_D

ClientSampleId :

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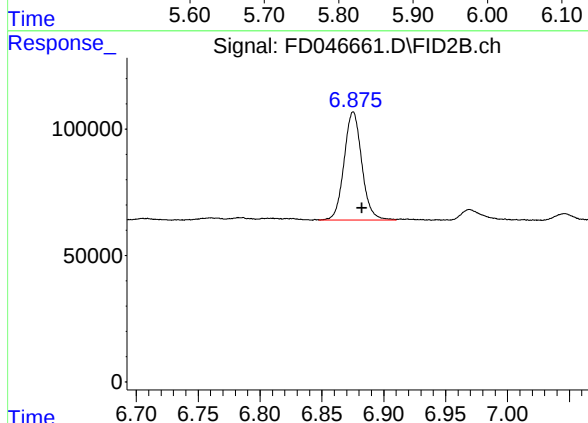
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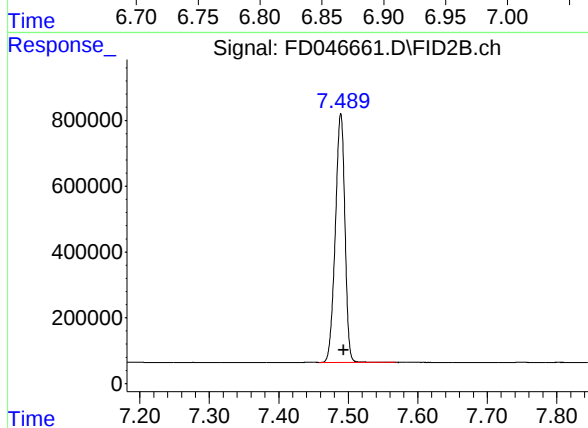
#2 Naphthalene (C11.7)

R.T.: 5.828 min
Delta R.T.: -0.006 min
Response: 418543
Conc: 2.17 ug/ml



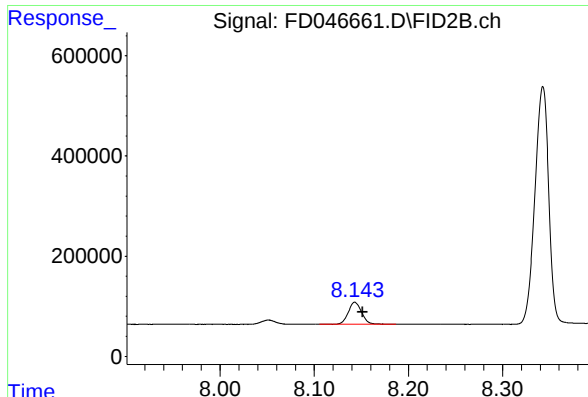
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.875 min
Delta R.T.: -0.007 min
Response: 427359
Conc: 2.21 ug/ml m



#4 2-Bromonaphthalene (SURR)

R.T.: 7.489 min
Delta R.T.: -0.004 min
Response: 7250232
Conc: 41.14 ug/ml



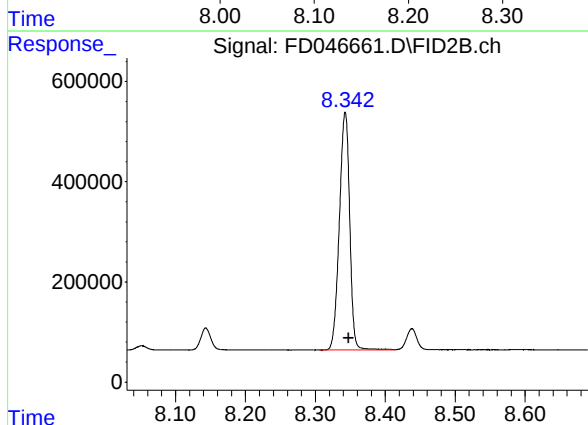
#5 Acenaphthylene (C15.06)

R.T.: 8.143 min
Delta R.T.: -0.008 min
Response: 432795
Conc: 2.45 ug/ml

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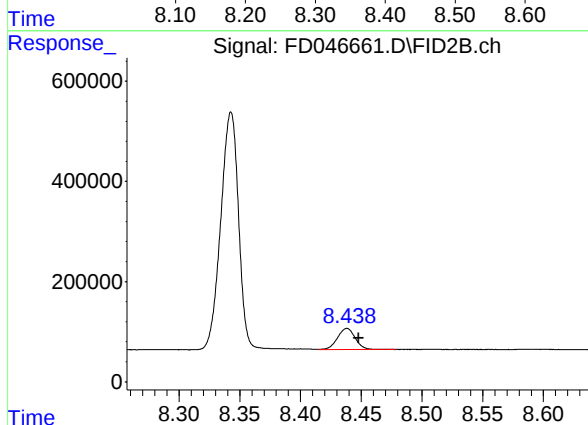
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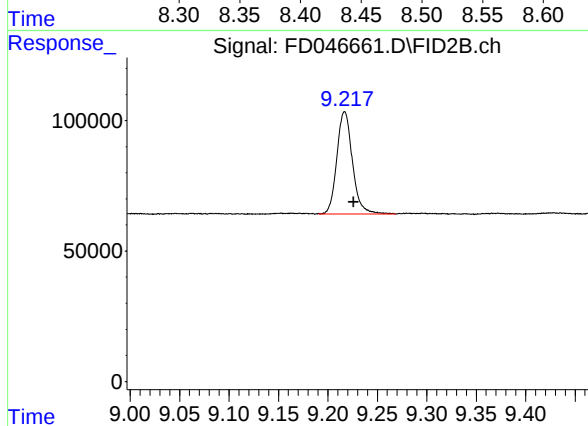
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.343 min
Delta R.T.: -0.005 min
Response: 4875526
Conc: 42.08 ug/ml



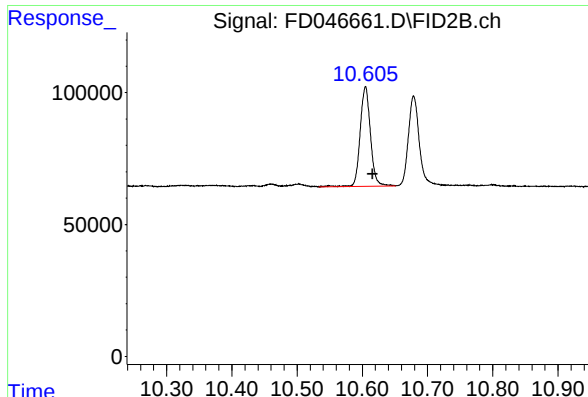
#7 Acenaphthene (C15.5)

R.T.: 8.438 min
Delta R.T.: -0.010 min
Response: 430852
Conc: 2.29 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.217 min
Delta R.T.: -0.009 min
Response: 430374
Conc: 2.39 ug/ml m



#9 Phenanthrene (C19.36)

R.T.: 10.605 min
Delta R.T.: -0.011 min
Response: 414806
Conc: 2.36 ug/ml

Instrument :

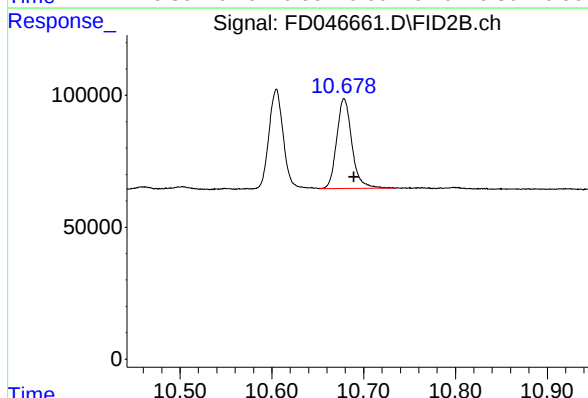
FID_D

ClientSampleId :

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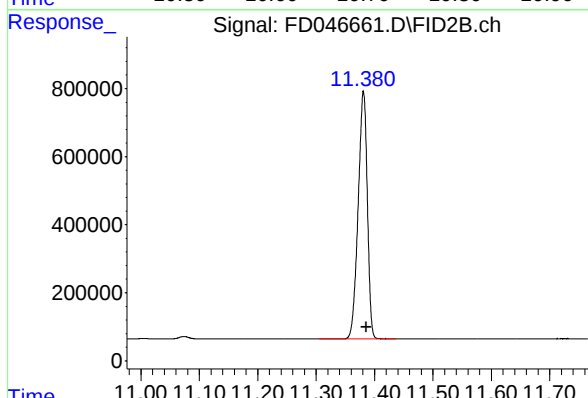
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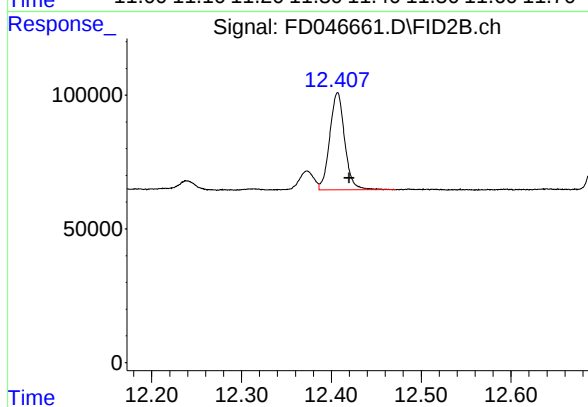
#10 Anthracene (C19.43)

R.T.: 10.679 min
Delta R.T.: -0.011 min
Response: 393376
Conc: 2.56 ug/ml



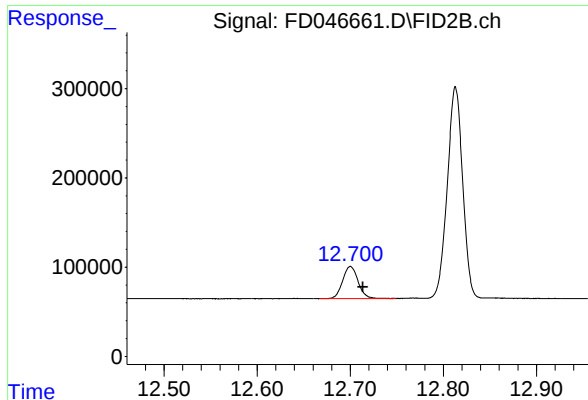
#11 ortho-Terphenyl (SURR)

R.T.: 11.381 min
Delta R.T.: -0.005 min
Response: 7925381
Conc: 38.90 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.407 min
Delta R.T.: -0.013 min
Response: 419993
Conc: 2.46 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.700 min
Delta R.T.: -0.013 min
Response: 419469
Conc: 2.56 ug/ml

Instrument :

FID_D

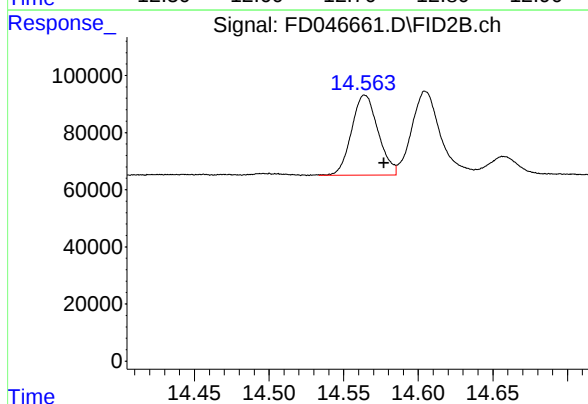
ClientSampleId :

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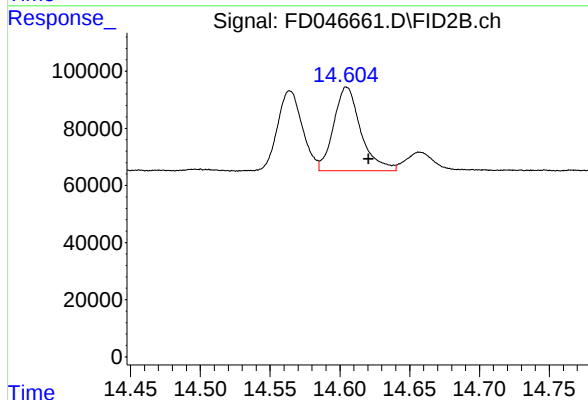
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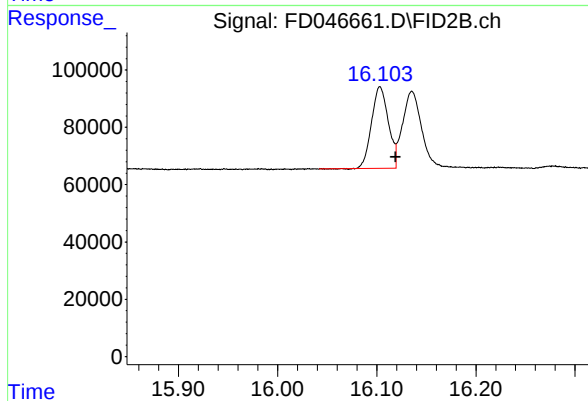
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.564 min
Delta R.T.: -0.013 min
Response: 346864
Conc: 2.48 ug/ml



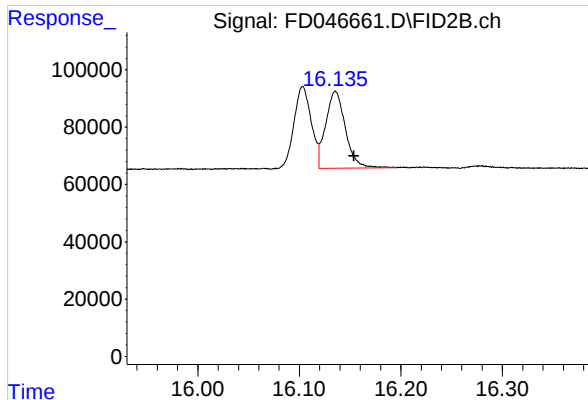
#15 Chrysene (C27.41)

R.T.: 14.605 min
Delta R.T.: -0.016 min
Response: 396254
Conc: 2.61 ug/ml



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

R.T.: 16.103 min
Delta R.T.: -0.016 min
Response: 336249
Conc: 2.45 ug/ml



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

R.T.: 16.136 min
Delta R.T.: -0.018 min
Response: 361199
Conc: 2.61 ug/ml

Instrument :

FID_D

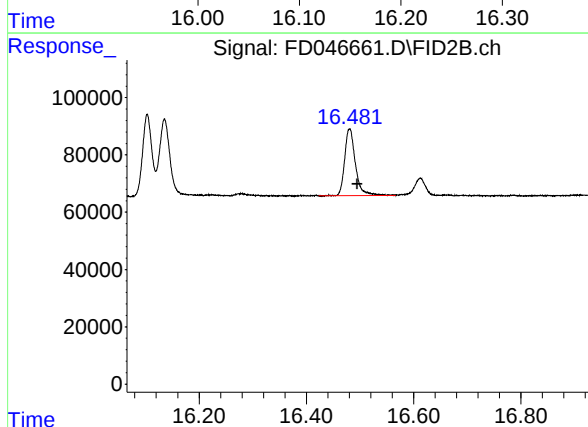
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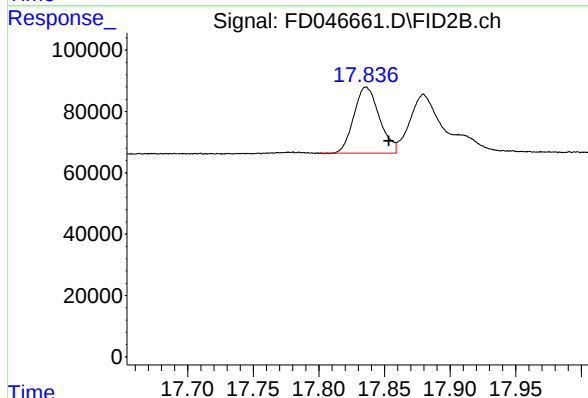
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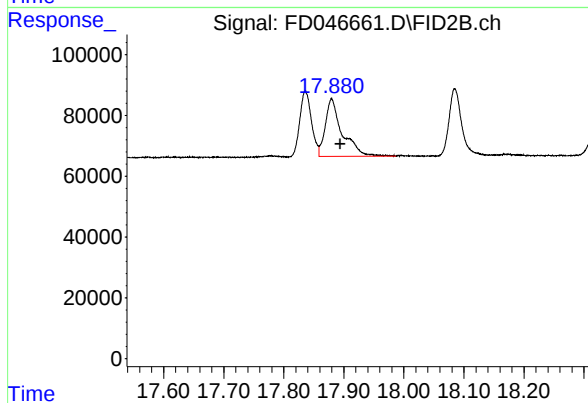
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.481 min
Delta R.T.: -0.014 min
Response: 322902
Conc: 2.41 ug/ml



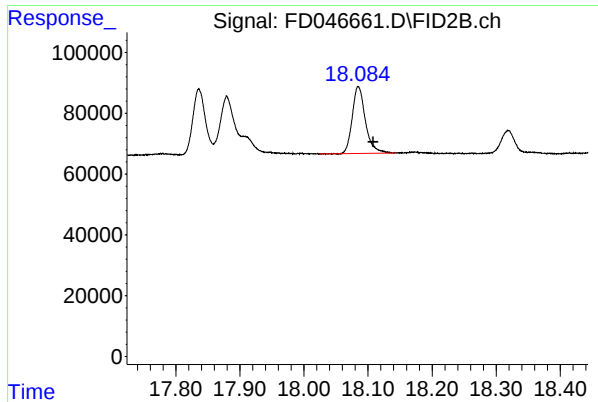
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.836 min
Delta R.T.: -0.017 min
Response: 290435
Conc: 2.32 ug/ml



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

R.T.: 17.880 min
Delta R.T.: -0.014 min
Response: 372504
Conc: 2.80 ug/ml



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

R.T.: 18.085 min
Delta R.T.: -0.023 min
Response: 312324
Conc: 2.37 ug/ml

Instrument :

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