

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD122322AR\  
 Data File : FD044691.D  
 Signal(s) : FID2B.ch  
 Acq On : 23 Dec 2022 18:58  
 Operator : YP/AJ  
 Sample : PB149876BS  
 Misc :  
 ALS Vial : 60 Sample Multiplier: 1

**Instrument :**

FID\_D

**ClientSampleId :**

PB149876BS

**Manual Integrations****APPROVED**

Reviewed By :Yogesh Patel 12/27/2022

Supervised By :Ankita Jodhani 12/27/2022

Integration File: autoint1.e

Quant Time: Dec 25 14:27:38 2022

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 112922.M

Quant Title : GC Extractables

QLast Update : Tue Nov 29 00:29:41 2022

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...      | 7.683  | 6208174    | 47.836 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 95.67%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.540  | 3950896    | 44.735 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 89.47%        |
| 11) S ortho-Terphenyl (SURR)       | 11.569 | 6337753    | 38.943 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 77.89%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.503  | 4656232    | 32.628 ug/mlm |
| 2) T Naphthalene (C11.7)           | 6.031  | 4701599    | 31.270 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 7.076  | 4901733    | 32.443 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.344  | 4945454    | 35.575 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.639  | 5376440    | 36.635 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.415  | 5152731    | 35.736 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.804 | 5047940    | 35.399 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.878 | 5075366    | 36.531 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.605 | 5049938    | 35.424 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.902 | 5171671    | 37.161 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.762 | 4794184    | 37.052 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.805 | 4860079    | 36.050 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.302 | 4765104    | 36.204 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.336 | 4502093    | 34.573 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.678 | 4319686    | 33.424 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.033 | 4182453    | 32.817 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 18.073 | 3914667    | 31.113 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.287 | 4183609    | 32.527 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta &gt; 1/2 Window

(m)=manual int.

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ALS Vial : 60 Sample Multiplier: 1

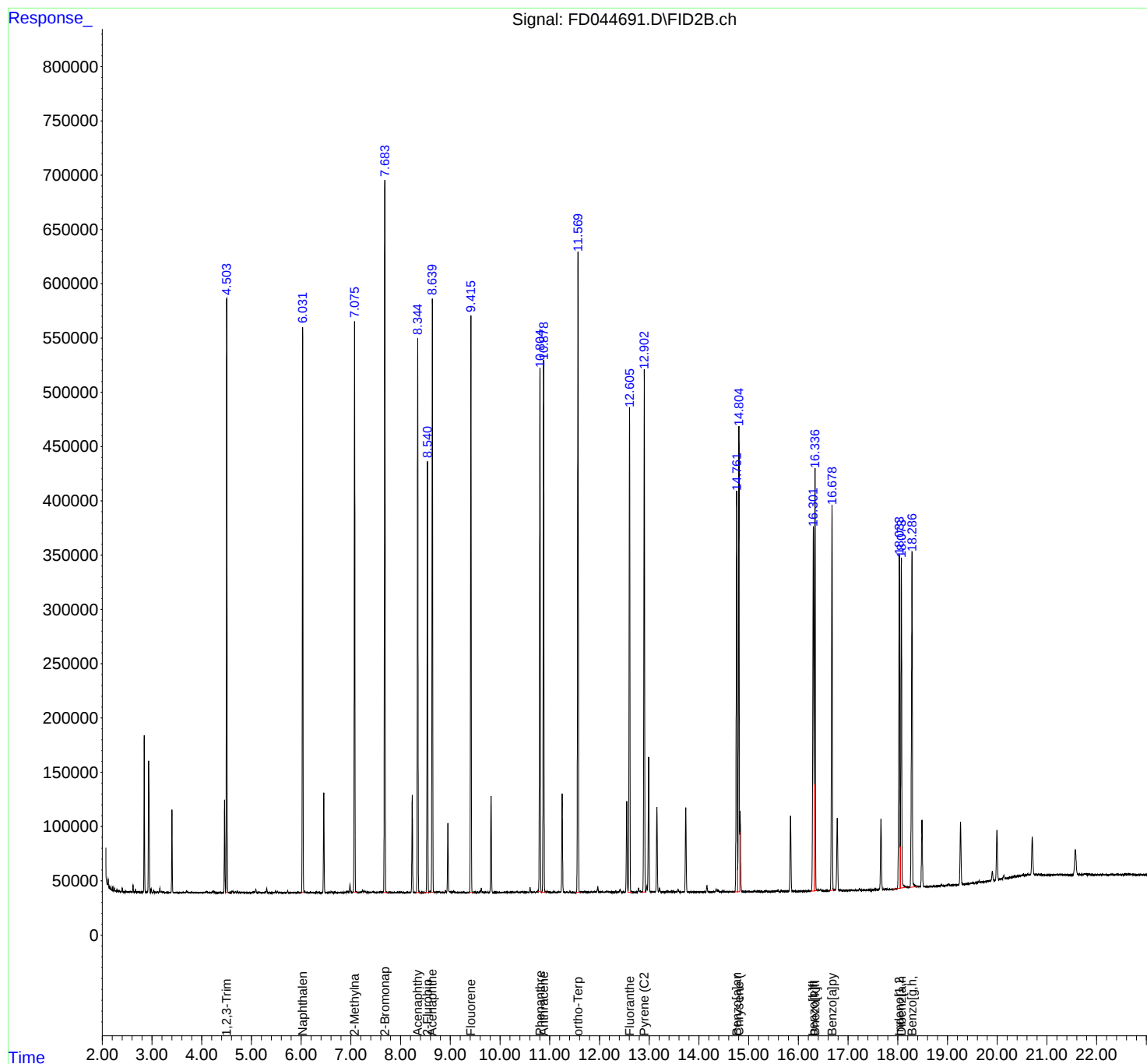
Instrument :  
FID\_D  
ClientSampleId :  
PB149876BS

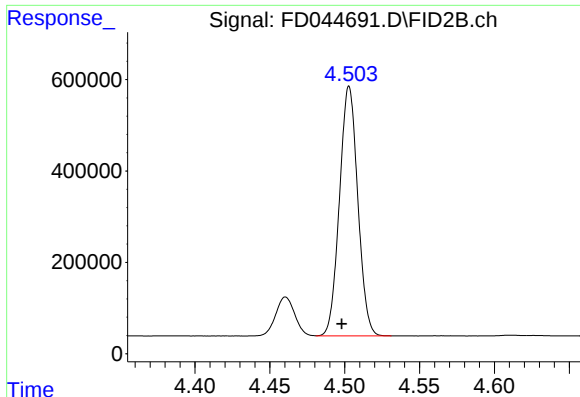
Manual Integrations  
APPROVED

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Supervised By :Ankita Jodhani 12/27/2022

Integration File: autoint1.e  
Quant Time: Dec 25 14:27:38 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 112922.M  
Quant Title : GC Extractables  
QLast Update : Tue Nov 29 00:29:41 2022  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.503 min  
Delta R.T.: 0.005 min  
Response: 4656232  
Conc: 32.63 ug/ml

Instrument :

FID\_D

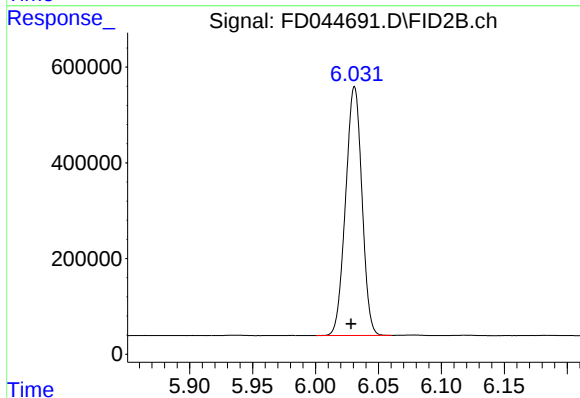
ClientSampleId :

PB149876BS

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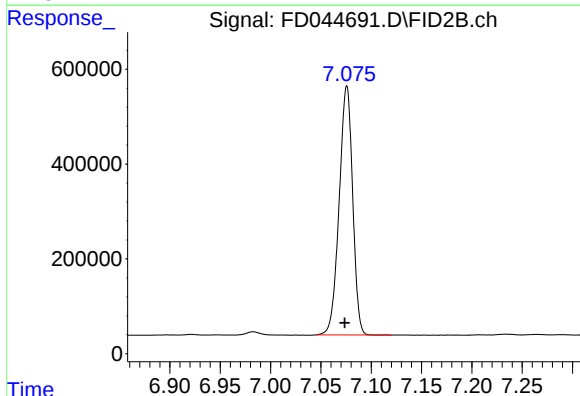
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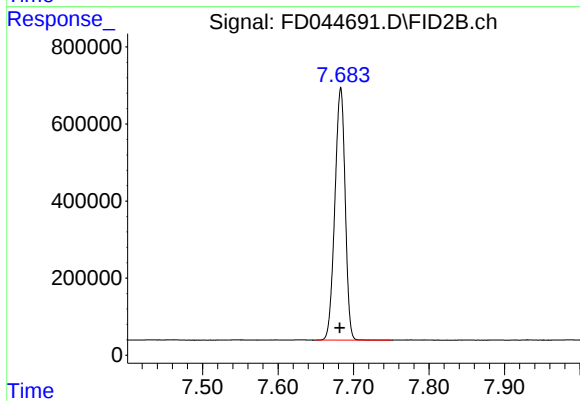
#2 Naphthalene (C11.7)

R.T.: 6.031 min  
Delta R.T.: 0.003 min  
Response: 4701599  
Conc: 31.27 ug/ml



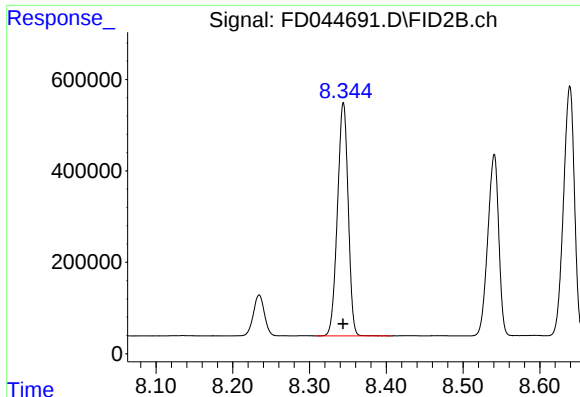
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.076 min  
Delta R.T.: 0.002 min  
Response: 4901733  
Conc: 32.44 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.683 min  
Delta R.T.: 0.001 min  
Response: 6208174  
Conc: 47.84 ug/ml



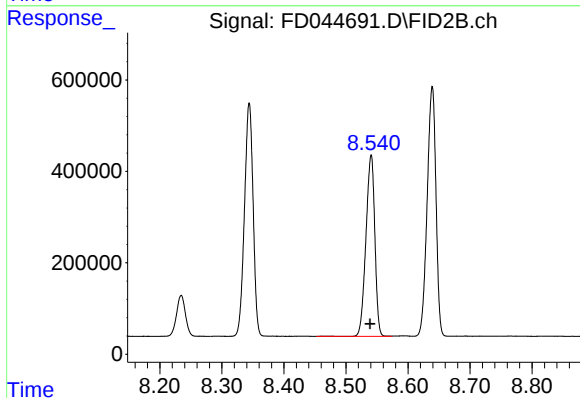
#5 Acenaphthylene (C15.06)

R.T.: 8.344 min  
Delta R.T.: 0.000 min  
Response: 4945454  
Conc: 35.57 ug/ml

Instrument :  
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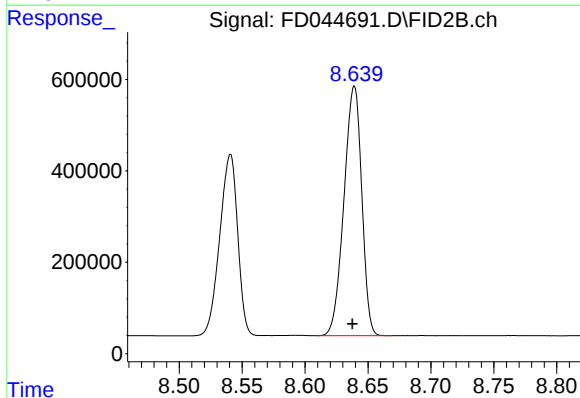
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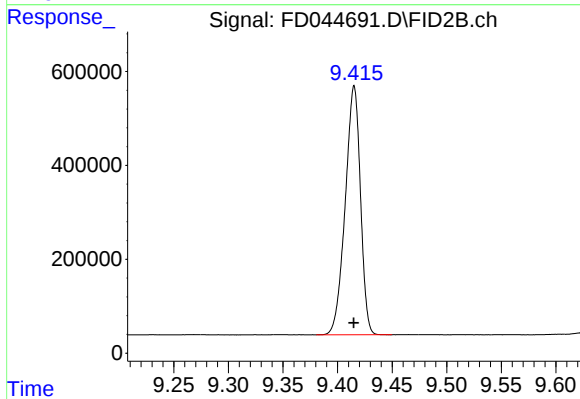
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.540 min  
Delta R.T.: 0.001 min  
Response: 3950896  
Conc: 44.74 ug/ml



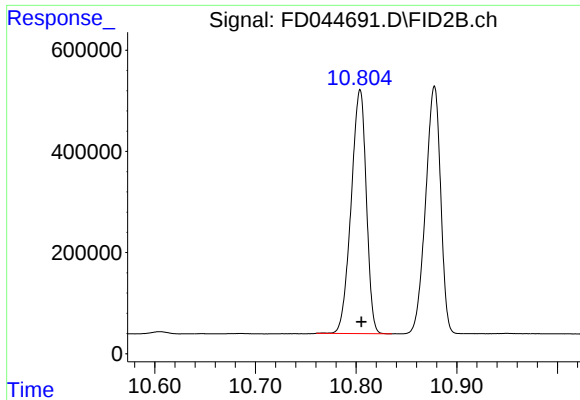
#7 Acenaphthene (C15.5)

R.T.: 8.639 min  
Delta R.T.: 0.001 min  
Response: 5376440  
Conc: 36.64 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.415 min  
Delta R.T.: 0.000 min  
Response: 5152731  
Conc: 35.74 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.804 min  
Delta R.T.: -0.002 min  
Response: 5047940  
Conc: 35.40 ug/ml

Instrument :

FID\_D

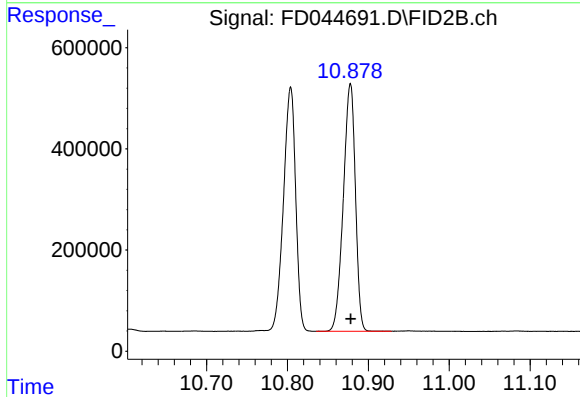
ClientSampleId :

PB149876BS

Manual Integrations

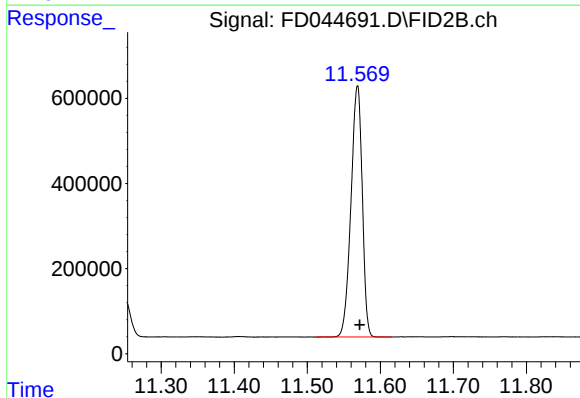
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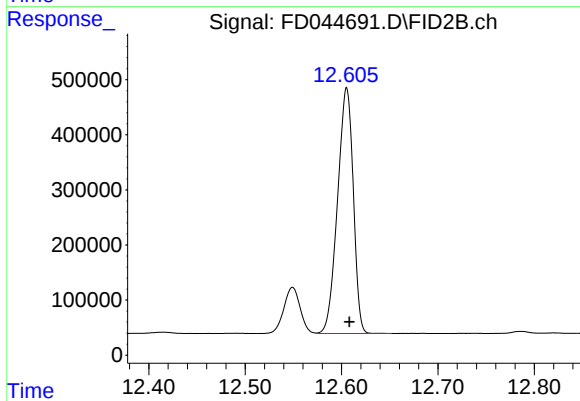
#10 Anthracene (C19.43)

R.T.: 10.878 min  
Delta R.T.: 0.000 min  
Response: 5075366  
Conc: 36.53 ug/ml



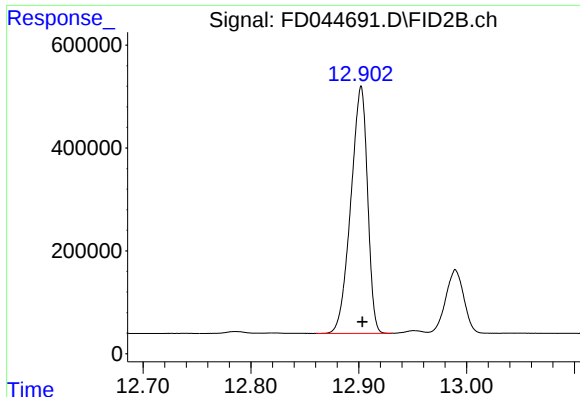
#11 ortho-Terphenyl (SURR)

R.T.: 11.569 min  
Delta R.T.: -0.003 min  
Response: 6337753  
Conc: 38.94 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.605 min  
Delta R.T.: -0.003 min  
Response: 5049938  
Conc: 35.42 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.902 min  
Delta R.T.: -0.001 min  
Response: 5171671  
Conc: 37.16 ug/ml

Instrument :

FID\_D

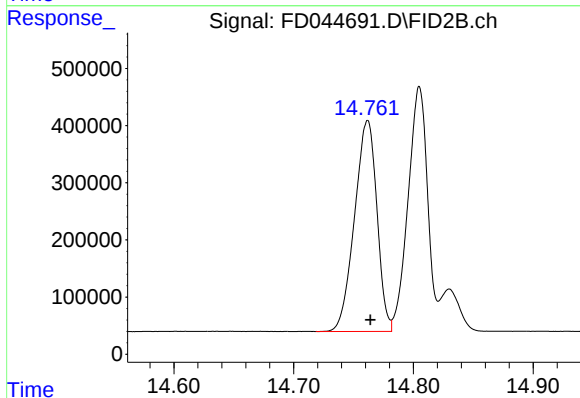
ClientSampleId :

PB149876BS

Manual Integrations

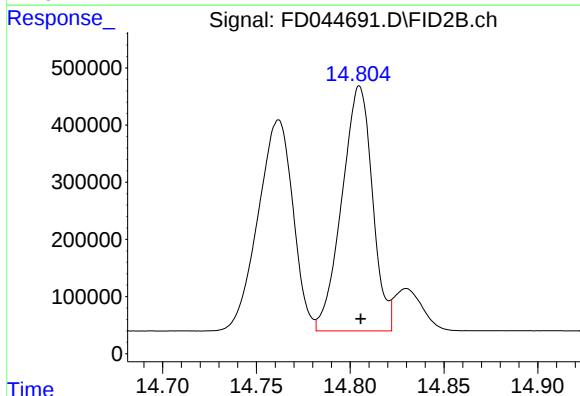
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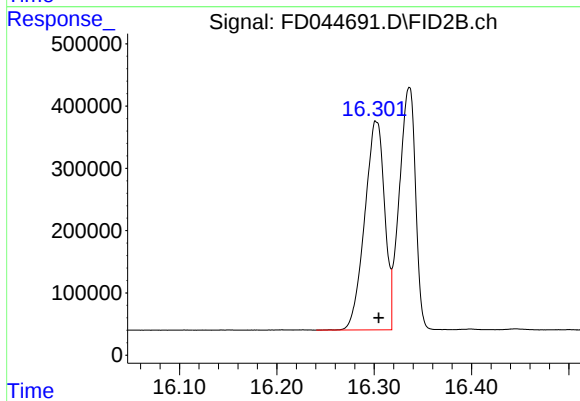
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.762 min  
Delta R.T.: -0.003 min  
Response: 4794184  
Conc: 37.05 ug/ml



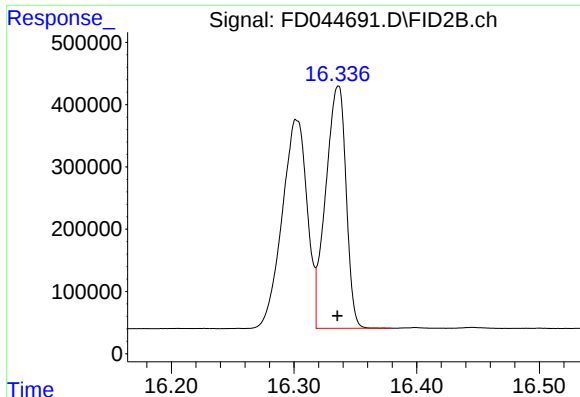
#15 Chrysene (C27.41)

R.T.: 14.805 min  
Delta R.T.: 0.000 min  
Response: 4860079  
Conc: 36.05 ug/ml



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

R.T.: 16.302 min  
Delta R.T.: -0.002 min  
Response: 4765104  
Conc: 36.20 ug/ml



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

R.T.: 16.336 min  
Delta R.T.: 0.000 min  
Response: 4502093  
Conc: 34.57 ug/ml

Instrument :

FID\_D

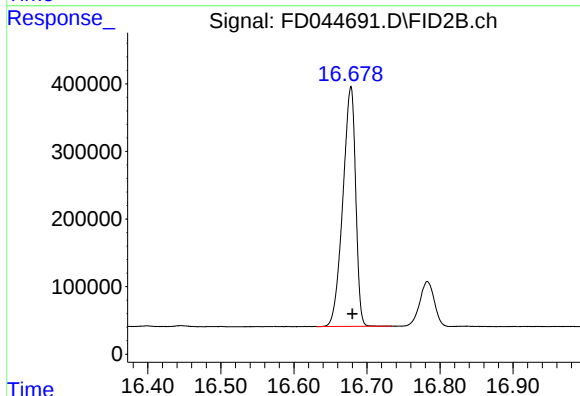
ClientSampleId :

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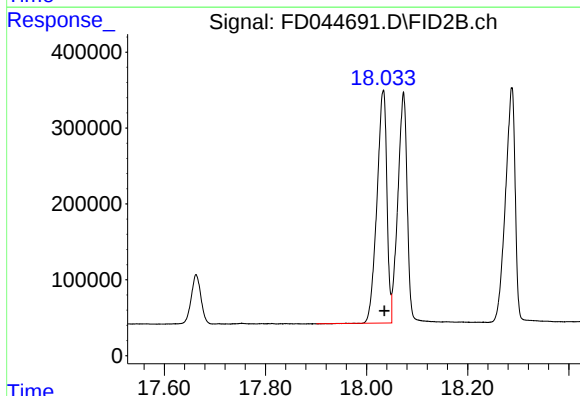
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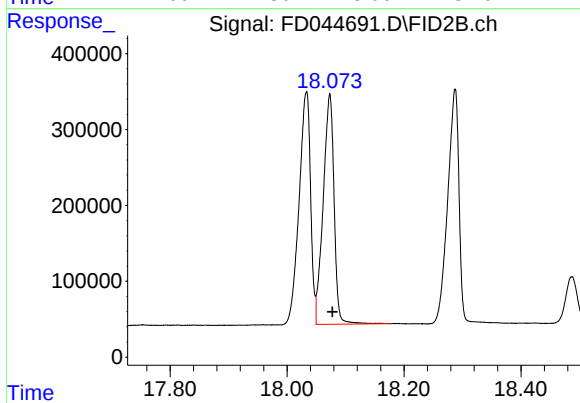
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.678 min  
Delta R.T.: -0.003 min  
Response: 4319686  
Conc: 33.42 ug/ml



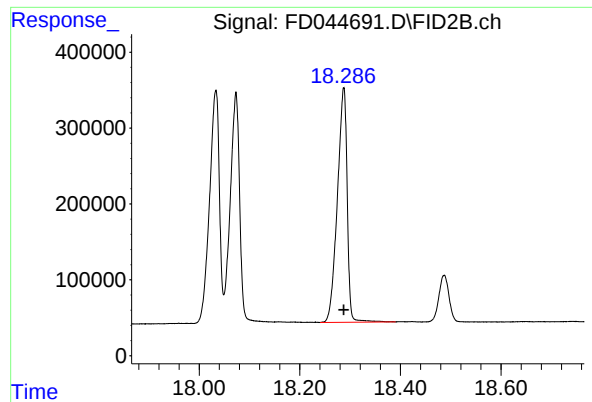
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.033 min  
Delta R.T.: -0.002 min  
Response: 4182453  
Conc: 32.82 ug/ml



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

R.T.: 18.073 min  
Delta R.T.: -0.005 min  
Response: 3914667  
Conc: 31.11 ug/ml



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

R.T.: 18.287 min  
Delta R.T.: 0.000 min  
Response: 4183609  
Conc: 32.53 ug/ml

Instrument :

FID\_D

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