

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD120122AR\  
 Data File : FD044586.D  
 Signal(s) : FID2B.ch  
 Acq On : 02 Dec 2022 22:08  
 Operator : YP/AJ  
 Sample : PB149398BSD  
 Misc :  
 ALS Vial : 80 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 PB149398BSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 12/05/2022  
 Supervised By :Ankita Jodhani 12/05/2022

Integration File: sample.E  
 Quant Time: Dec 03 01:46:49 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...      | 7.681  | 6835885    | 52.673 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 105.35%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.539  | 4509256    | 51.058 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 102.12%       |
| 11) S ortho-Terphenyl (SURR)       | 11.569 | 6608163    | 40.604 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 81.21%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.497  | 4434925    | 31.078 ug/ml  |
| 2) T Naphthalene (C11.7)           | 6.027  | 6579601    | 43.761 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 7.073  | 5961848    | 39.459 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.344  | 7387259    | 53.140 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.638  | 6207489    | 42.298 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.416  | 7141882    | 49.532 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.806 | 7513722    | 52.690 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.881 | 7340133    | 52.832 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.609 | 7667831    | 53.787 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.905 | 7243397    | 52.047 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.766 | 7416382    | 57.318 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.811 | 7372286    | 54.684 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.309 | 7571798    | 57.528 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.343 | 6990669    | 53.684 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.684 | 6506234    | 50.343 ug/mlm |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.043 | 7360752    | 57.754 ug/mlm |
| 20) T Dibenz[a,h]anthracene...     | 18.083 | 7128899    | 56.658 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.298 | 6887519    | 53.550 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ  
Sample : PB149398BSD  
Misc :  
ALS Vial : 80 Sample Multiplier: 1

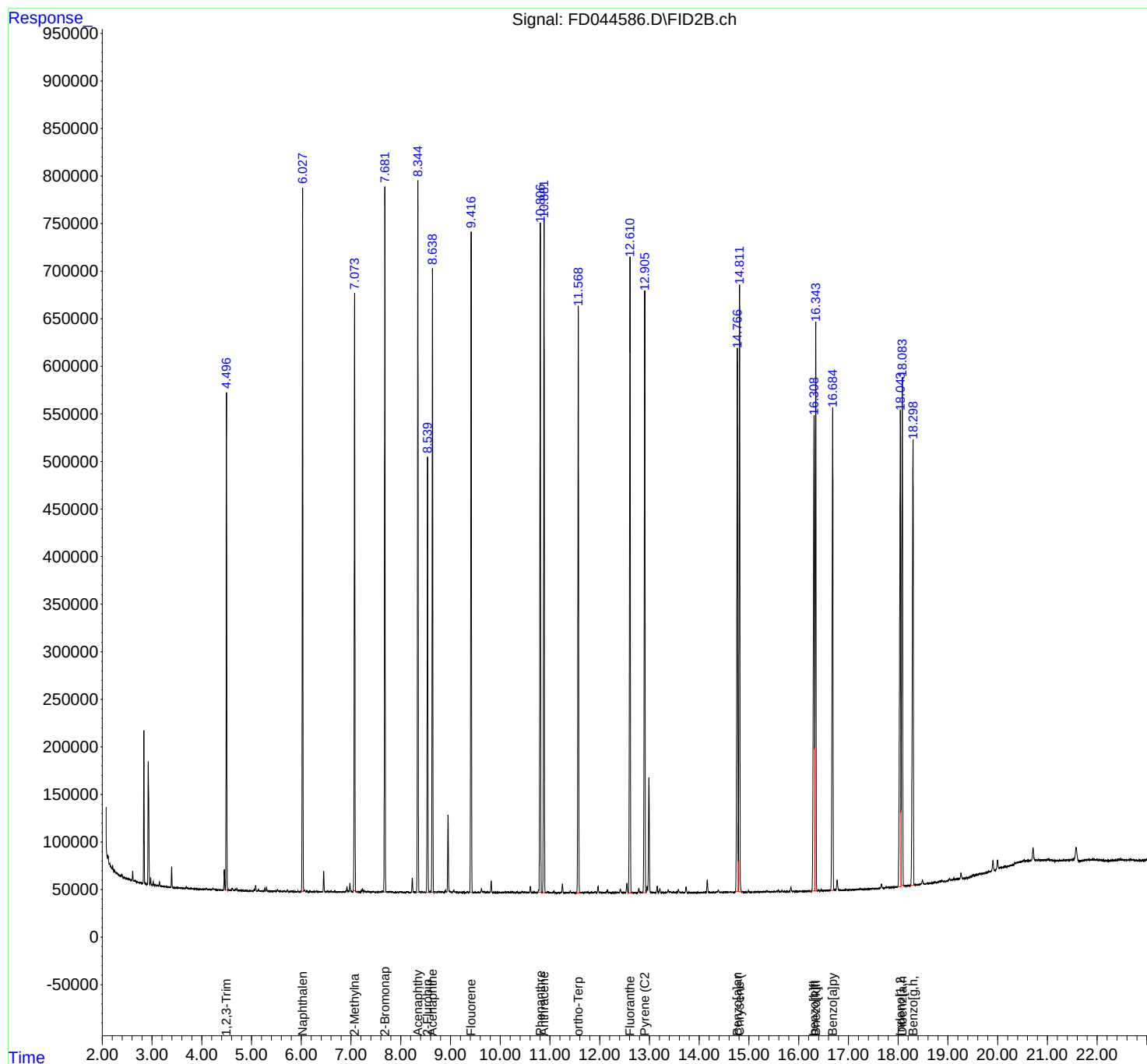
Instrument :  
FID\_D  
ClientSampleId :  
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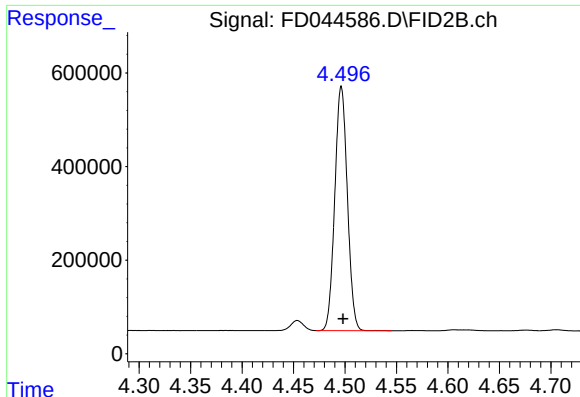
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QLast Update : Tue Nov 29 00:29:41 2022  
Response via : Initial Calibration  
Integrator: ChemStation

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.: 4.497 min  
Delta R.T.: -0.001 min  
Response: 4434925  
Conc: 31.08 ug/ml

Instrument :

FID\_D

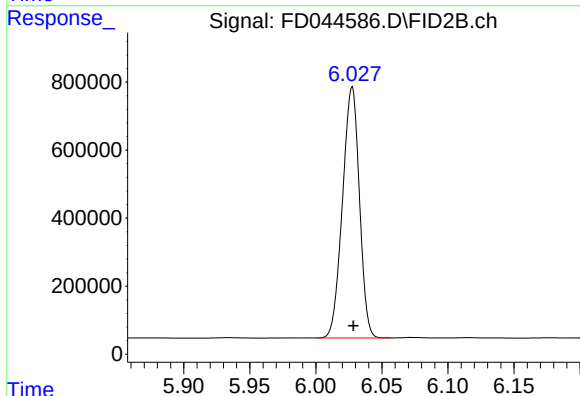
ClientSampleId :

PB149398BSD

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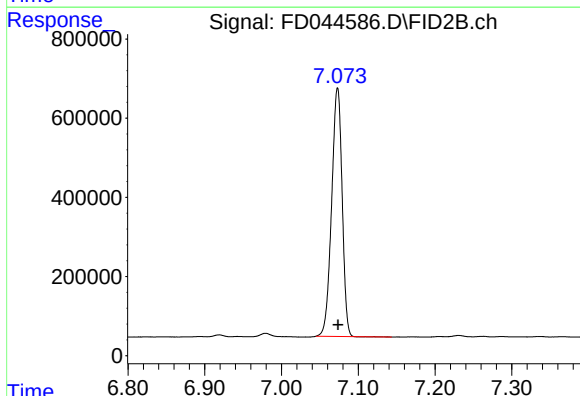
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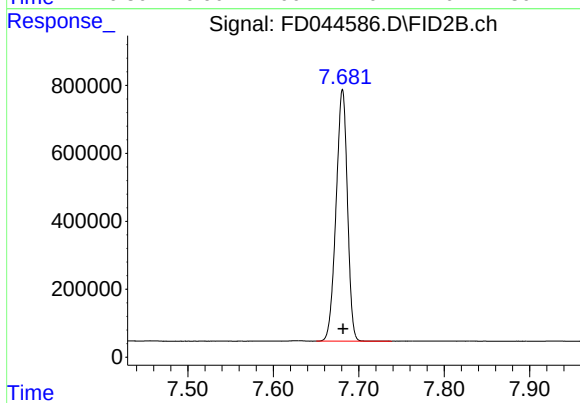
#2 Naphthalene (C11.7)

R.T.: 6.027 min  
Delta R.T.: -0.001 min  
Response: 6579601  
Conc: 43.76 ug/ml



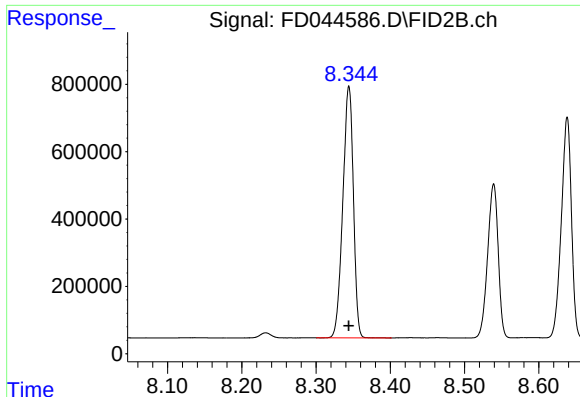
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.073 min  
Delta R.T.: 0.000 min  
Response: 5961848  
Conc: 39.46 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.681 min  
Delta R.T.: 0.000 min  
Response: 6835885  
Conc: 52.67 ug/ml



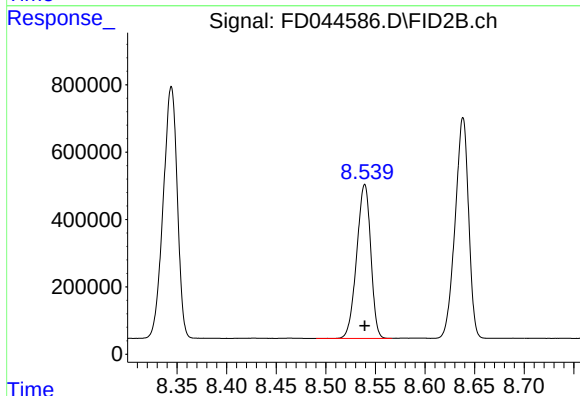
# #5 Acenaphthylene (C15.06)

R.T.: 8.344 min  
Delta R.T.: 0.000 min  
Response: 7387259  
Conc: 53.14 ug/ml

Instrument :  
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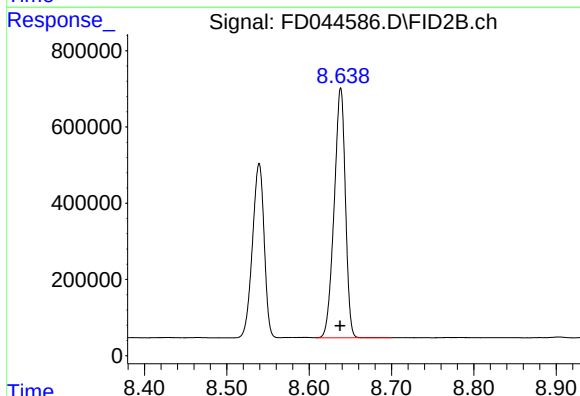
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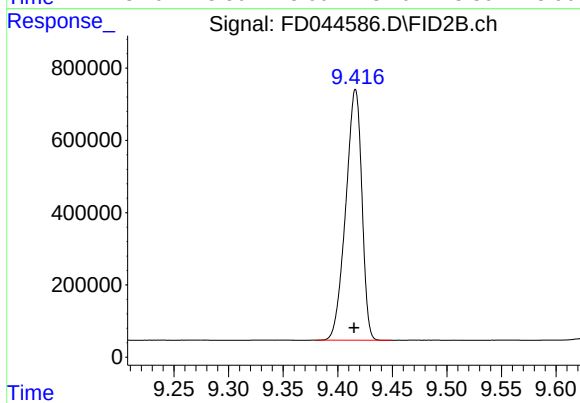
# #6 2-Fluorobiphenyl (SURR)

R.T.: 8.539 min  
Delta R.T.: 0.000 min  
Response: 4509256  
Conc: 51.06 ug/ml



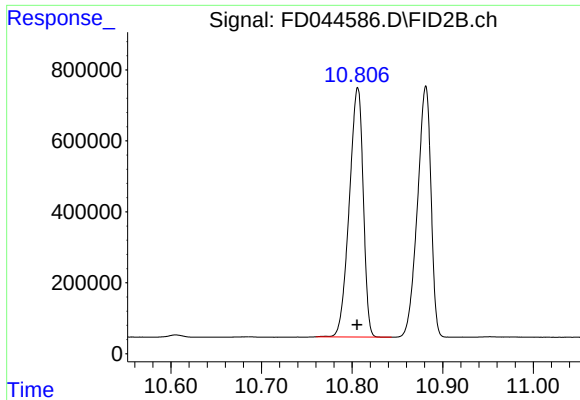
# #7 Acenaphthene (C15.5)

R.T.: 8.638 min  
Delta R.T.: 0.000 min  
Response: 6207489  
Conc: 42.30 ug/ml



# #8 Fluorene (C16.55)

R.T.: 9.416 min  
Delta R.T.: 0.001 min  
Response: 7141882  
Conc: 49.53 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.806 min  
Delta R.T.: 0.000 min  
Response: 7513722  
Conc: 52.69 ug/ml

Instrument :

FID\_D

ClientSampleId :

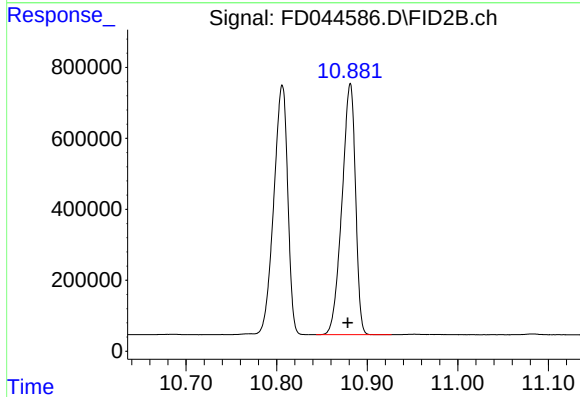
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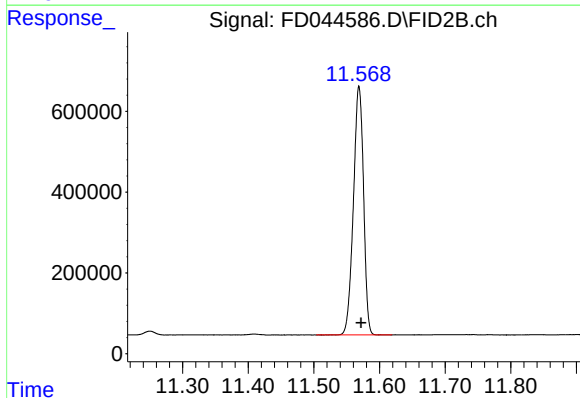
Reviewed By :Yogesh Patel 12/05/2022

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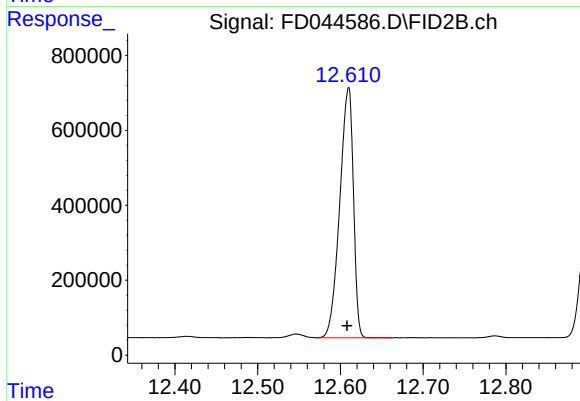
#10 Anthracene (C19.43)

R.T.: 10.881 min  
Delta R.T.: 0.003 min  
Response: 7340133  
Conc: 52.83 ug/ml



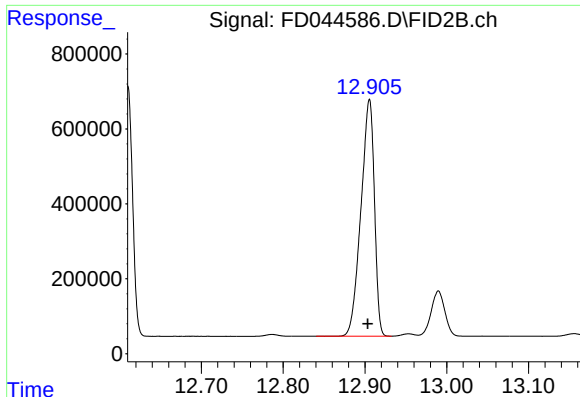
#11 ortho-Terphenyl (SURR)

R.T.: 11.569 min  
Delta R.T.: -0.003 min  
Response: 6608163  
Conc: 40.60 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.609 min  
Delta R.T.: 0.001 min  
Response: 7667831  
Conc: 53.79 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.905 min  
Delta R.T.: 0.002 min  
Response: 7243397  
Conc: 52.05 ug/ml

Instrument :

FID\_D

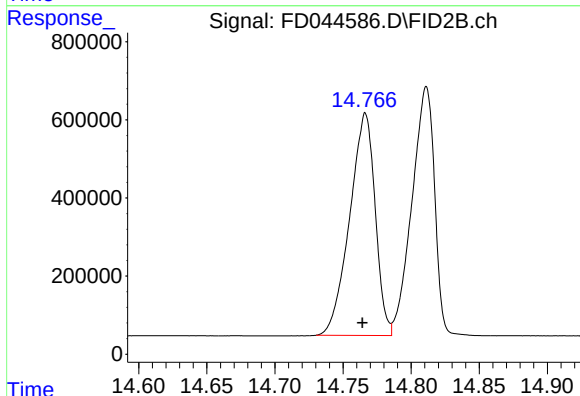
ClientSampleId :

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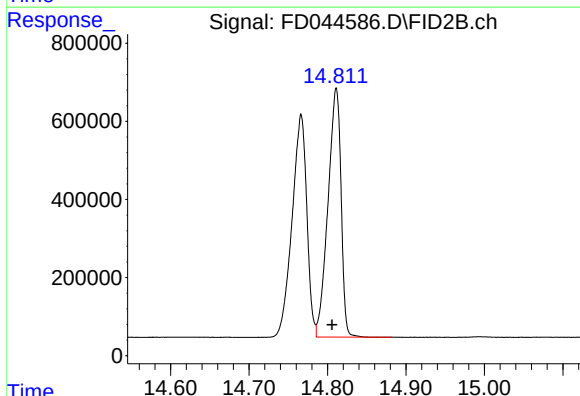
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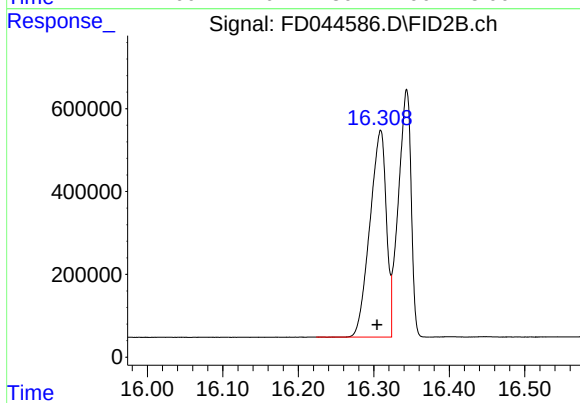
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.766 min  
Delta R.T.: 0.002 min  
Response: 7416382  
Conc: 57.32 ug/ml



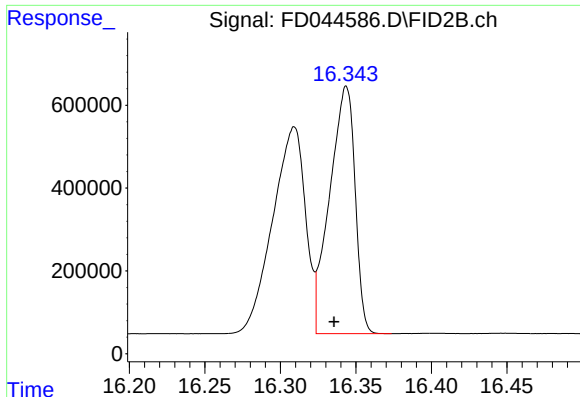
#15 Chrysene (C27.41)

R.T.: 14.811 min  
Delta R.T.: 0.005 min  
Response: 7372286  
Conc: 54.68 ug/ml



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

R.T.: 16.309 min  
Delta R.T.: 0.004 min  
Response: 7571798  
Conc: 57.53 ug/ml



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

R.T.: 16.343 min  
Delta R.T.: 0.008 min  
Response: 6990669  
Conc: 53.68 ug/ml

Instrument :

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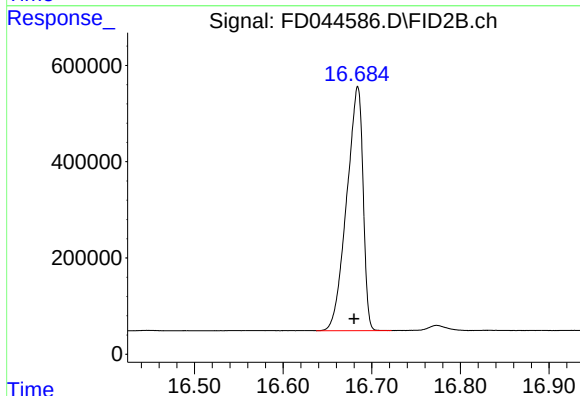
ClientSampleId :

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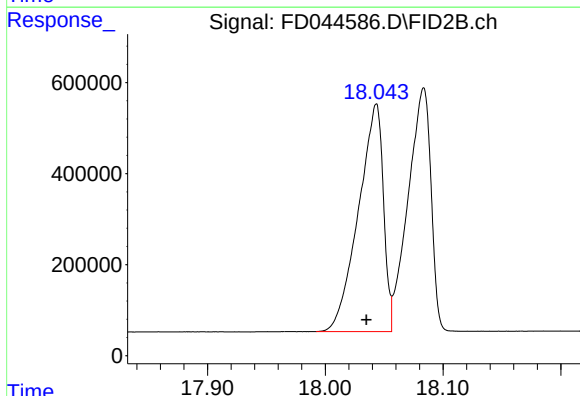
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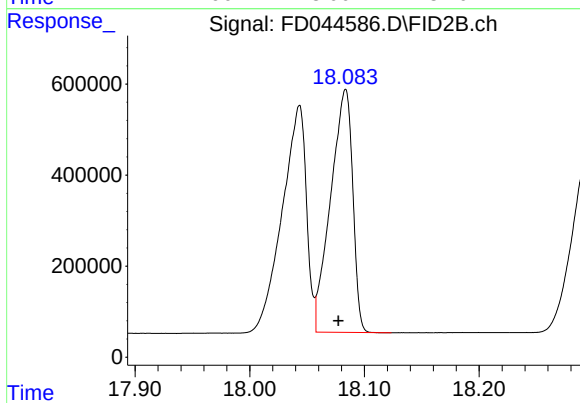
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.684 min  
Delta R.T.: 0.003 min  
Response: 6506234  
Conc: 50.34 ug/ml m



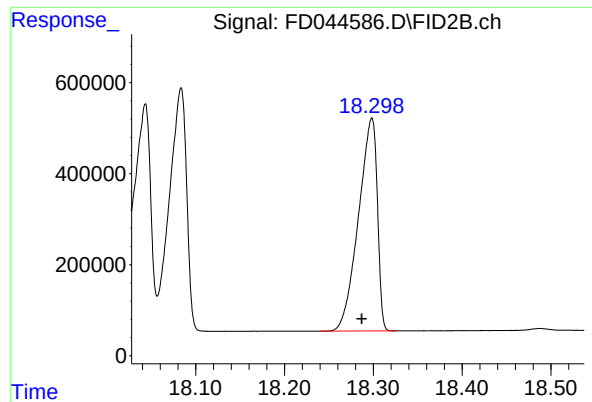
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.043 min  
Delta R.T.: 0.009 min  
Response: 7360752  
Conc: 57.75 ug/ml m



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

R.T.: 18.083 min  
Delta R.T.: 0.005 min  
Response: 7128899  
Conc: 56.66 ug/ml



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

R.T.: 18.298 min  
Delta R.T.: 0.011 min  
Response: 6887519  
Conc: 53.55 ug/ml

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