

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD110824AR\  
 Data File : FD048679.D  
 Signal(s) : FID2B.ch  
 Acq On : 08 Nov 2024 19:57  
 Operator : YP/AJ  
 Sample : P4718-01MSD  
 Misc :  
 ALS Vial : 62 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 WB-307-SB01MSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 11/11/2024  
 Supervised By :Ankita Jodhani 11/11/2024

Integration File: sample.E  
 Quant Time: Nov 09 01:08:18 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 102324.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 23 18:14:59 2024  
 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...      | 7.371  | 9006133    | 59.337 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 118.67%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.220  | 5315948    | 54.138 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 108.28%       |
| 11) S ortho-Terphenyl (SURR)       | 11.255 | 5919615    | 34.752 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 69.50%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.193  | 6568190    | 37.754 ug/mlm |
| 2) T Naphthalene (C11.7)           | 5.710  | 7452378    | 41.765 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.757  | 7223256    | 40.384 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.023  | 8313389    | 47.345 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.319  | 8854960    | 49.926 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.097  | 8796279    | 52.038 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.485 | 8856092    | 53.574 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.561 | 8830937    | 55.224 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.290 | 8895805    | 54.053 ug/mlm |
| 13) T Pyrene (C20.8)               | 12.583 | 8808424    | 54.684 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.452 | 8291503    | 56.707 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.495 | 8219557    | 49.969 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.001 | 8357062    | 54.970 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.035 | 8275011    | 55.055 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.377 | 8013954    | 53.250 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.745 | 8329641    | 63.839 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 17.782 | 8119436    | 49.894 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 17.997 | 8177839    | 53.418 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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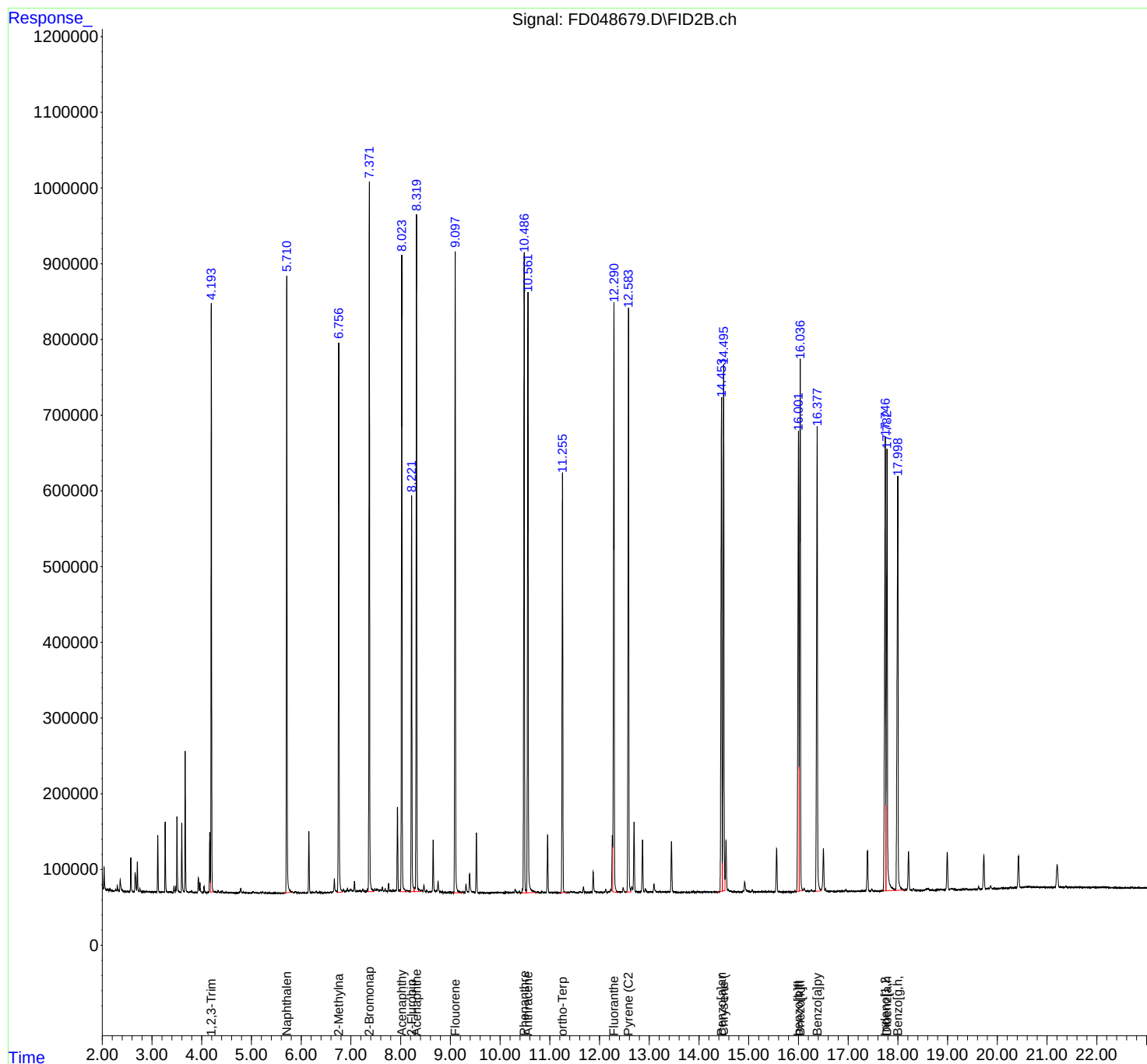
Instrument :  
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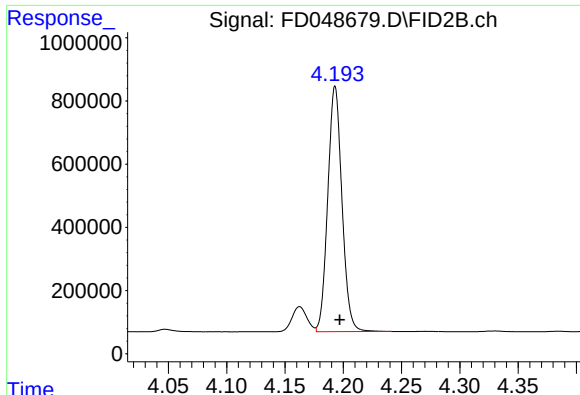
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Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.193 min  
Delta R.T.: -0.004 min  
Response: 6568190  
Conc: 37.75 ug/ml

Instrument :

FID\_D

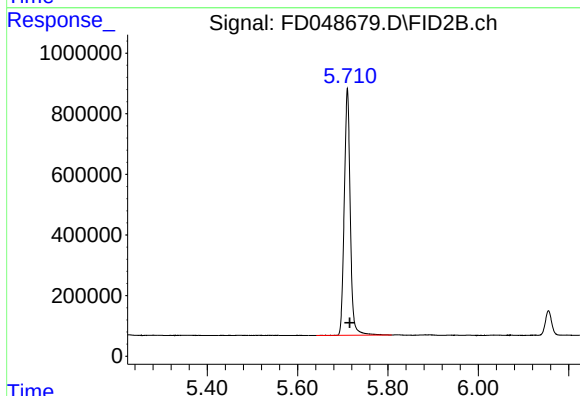
ClientSampleId :

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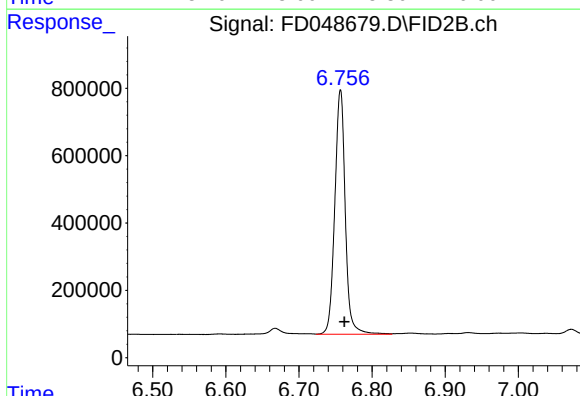
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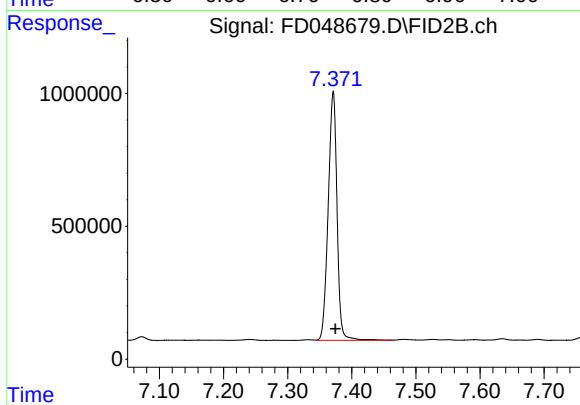
#2 Naphthalene (C11.7)

R.T.: 5.710 min  
Delta R.T.: -0.005 min  
Response: 7452378  
Conc: 41.77 ug/ml



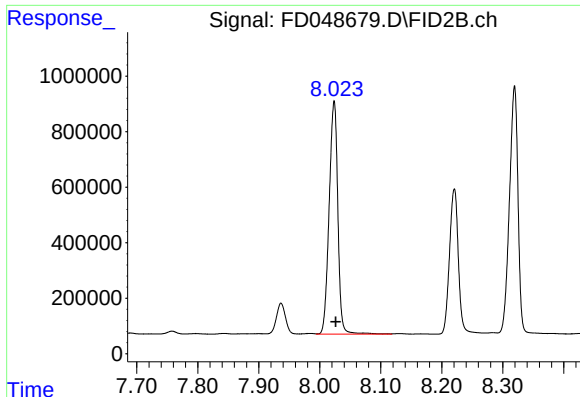
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.757 min  
Delta R.T.: -0.005 min  
Response: 7223256  
Conc: 40.38 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.371 min  
Delta R.T.: -0.004 min  
Response: 9006133  
Conc: 59.34 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.023 min  
Delta R.T.: -0.003 min  
Response: 8313389  
Conc: 47.35 ug/ml

Instrument :

FID\_D

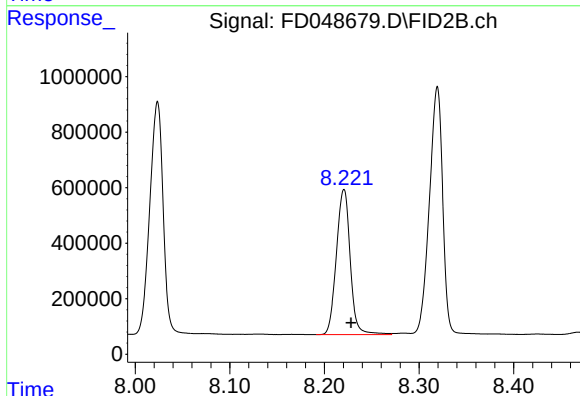
ClientSampleId :

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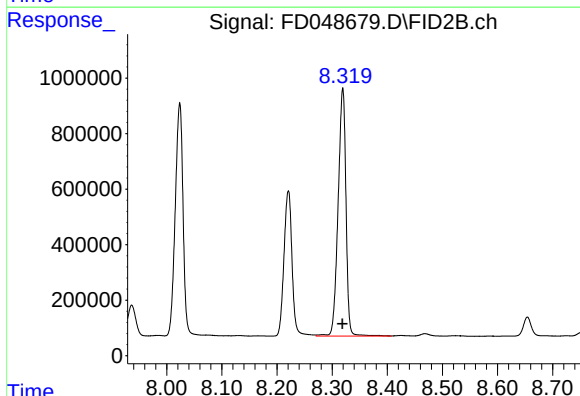
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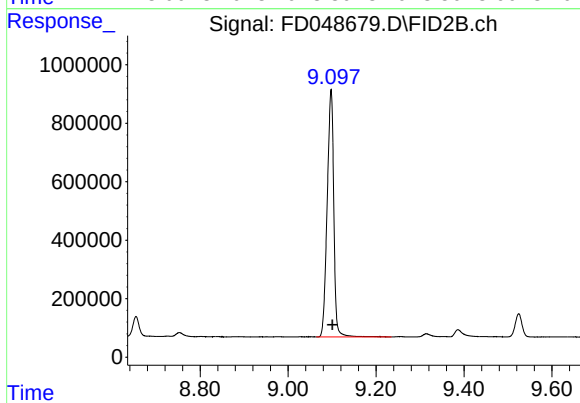
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.220 min  
Delta R.T.: -0.008 min  
Response: 5315948  
Conc: 54.14 ug/ml



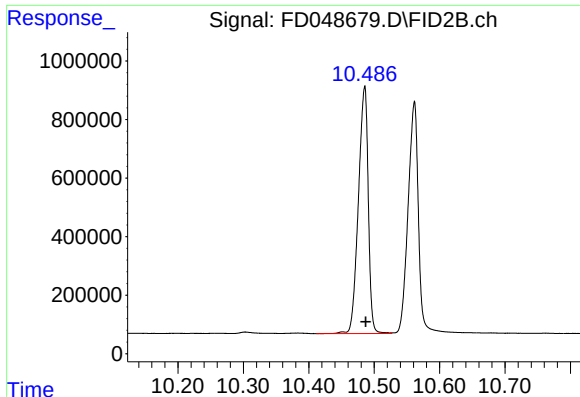
#7 Acenaphthene (C15.5)

R.T.: 8.319 min  
Delta R.T.: 0.000 min  
Response: 8854960  
Conc: 49.93 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.097 min  
Delta R.T.: -0.003 min  
Response: 8796279  
Conc: 52.04 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.485 min  
Delta R.T.: -0.003 min  
Response: 8856092  
Conc: 53.57 ug/ml

Instrument :

FID\_D

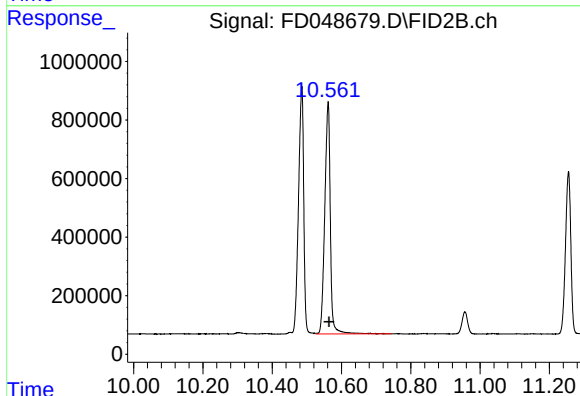
ClientSampleId :

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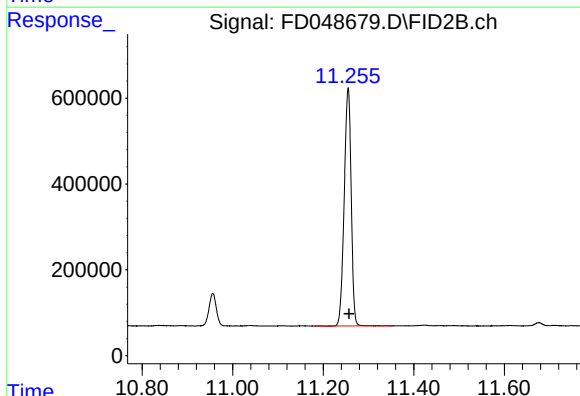
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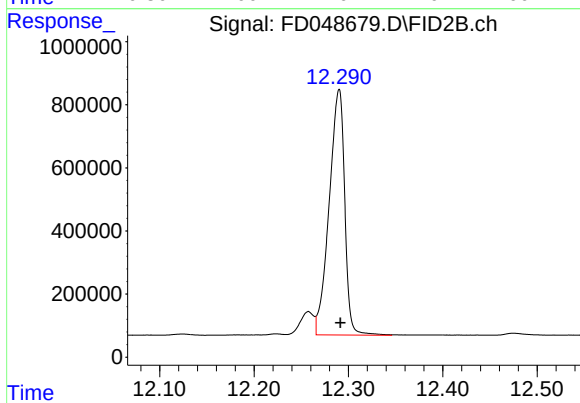
#10 Anthracene (C19.43)

R.T.: 10.561 min  
Delta R.T.: -0.004 min  
Response: 8830937  
Conc: 55.22 ug/ml



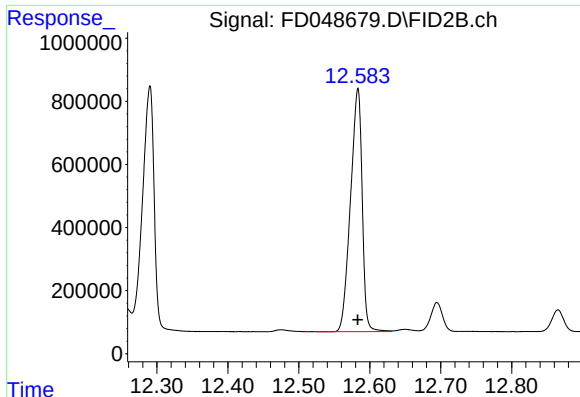
#11 ortho-Terphenyl (SURR)

R.T.: 11.255 min  
Delta R.T.: -0.002 min  
Response: 5919615  
Conc: 34.75 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.290 min  
Delta R.T.: -0.001 min  
Response: 8895805  
Conc: 54.05 ug/ml m



#13 Pyrene (C20.8)

R.T.: 12.583 min  
Delta R.T.: 0.000 min  
Response: 8808424  
Conc: 54.68 ug/ml

Instrument :

FID\_D

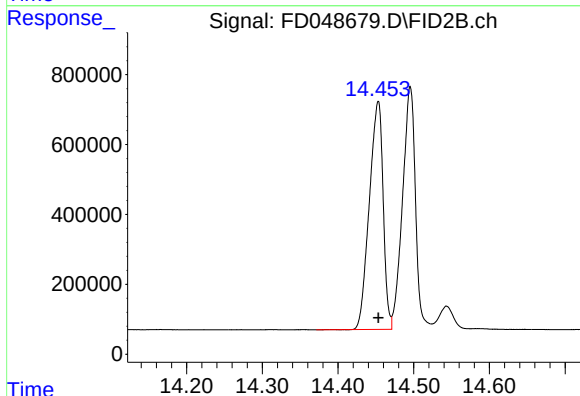
ClientSampleId :

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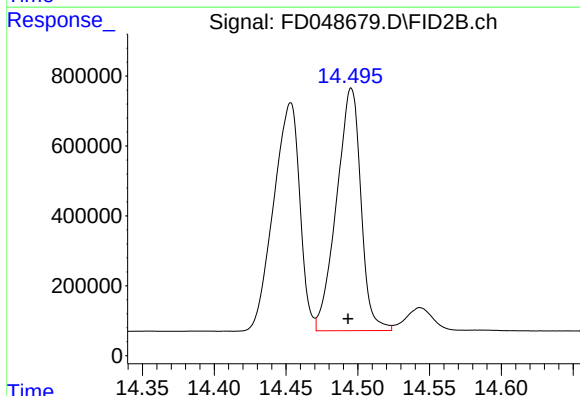
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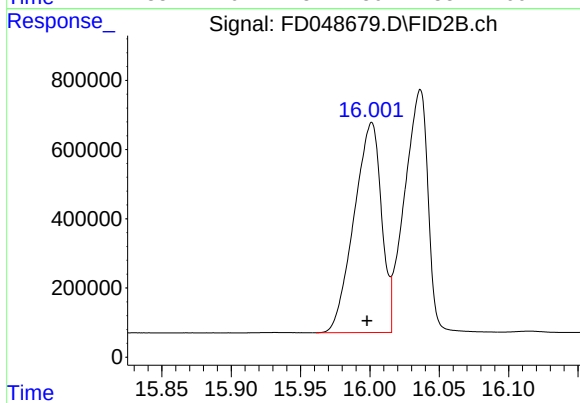
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.452 min  
Delta R.T.: 0.000 min  
Response: 8291503  
Conc: 56.71 ug/ml



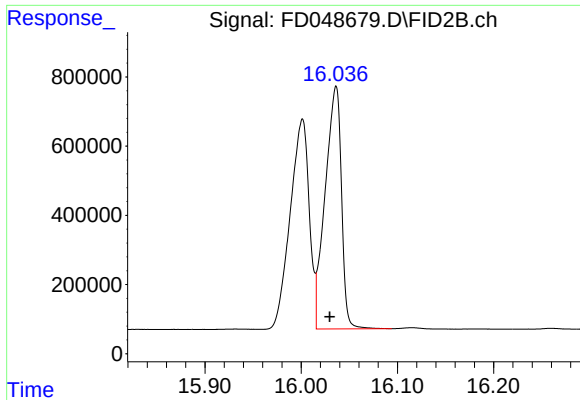
#15 Chrysene (C27.41)

R.T.: 14.495 min  
Delta R.T.: 0.002 min  
Response: 8219557  
Conc: 49.97 ug/ml



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

R.T.: 16.001 min  
Delta R.T.: 0.003 min  
Response: 8357062  
Conc: 54.97 ug/ml



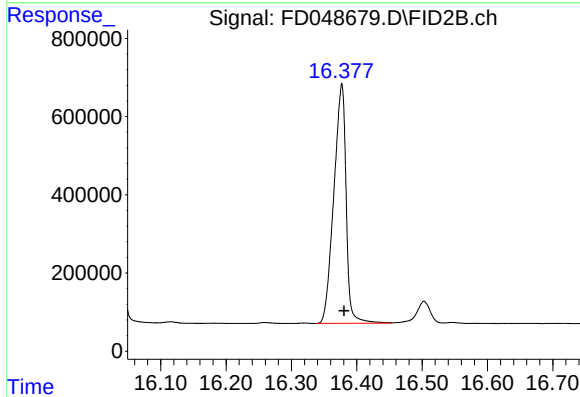
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.035 min  
Delta R.T.: 0.006 min  
Response: 8275011  
Conc: 55.06 ug/ml

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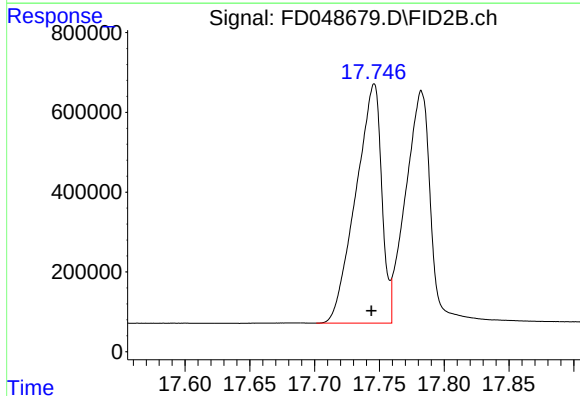
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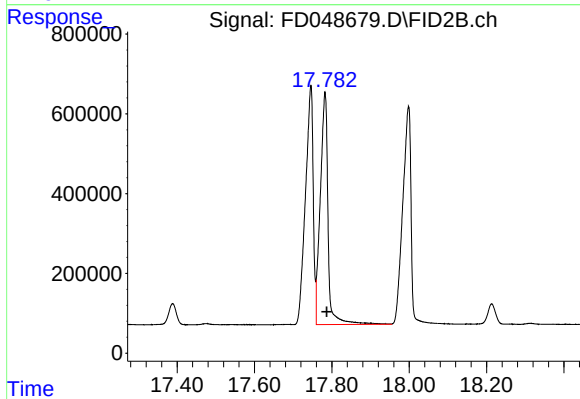
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.377 min  
Delta R.T.: -0.004 min  
Response: 8013954  
Conc: 53.25 ug/ml



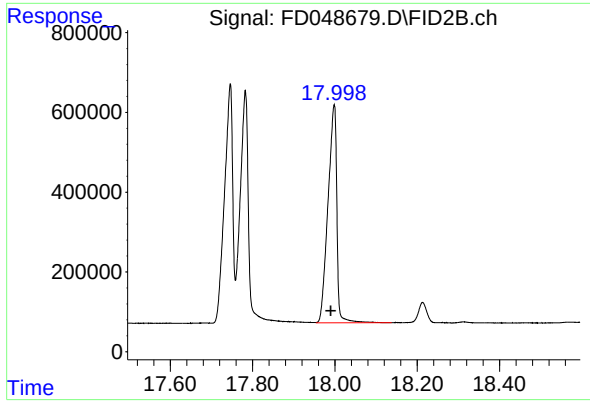
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.745 min  
Delta R.T.: 0.001 min  
Response: 8329641  
Conc: 63.84 ug/ml



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

R.T.: 17.782 min  
Delta R.T.: -0.005 min  
Response: 8119436  
Conc: 49.89 ug/ml



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

R.T.: 17.997 min  
Delta R.T.: 0.008 min  
Response: 8177839  
Conc: 53.42 ug/ml

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