

Data Path : P:\HPCHEM1\FID\_D\Data\FD051618AR\  
 Data File : FD023703.D  
 Signal(s) : FID2B.CH  
 Acq On : 16 May 2018 14:34  
 Operator : UA/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 20 PPM AROMATIC HC STD

Manual Integrations  
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 5/30/2018 10:22:01 AM

Integration File: autoint1.e  
 Quant Time: May 17 01:32:10 2018  
 Quant Method : P:\HPCHEM1\FID\_D\methods\Aromatic EPH 051418.M  
 Quant Title : GC Extractables  
 QLast Update : Tue May 15 11:41:03 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...      | 7.616  | 1681509    | 17.373 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 34.75%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.476  | 1189816    | 17.253 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 34.51%        |
| 11) S ortho-Terphenyl (SURR)       | 11.528 | 1965420    | 17.239 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 34.48%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.404  | 1791399    | 17.498 ug/ml  |
| 2) T Naphthalene (C11.7)           | 5.948  | 1896766    | 17.359 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 7.003  | 1882965    | 17.353 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.279  | 1833234    | 17.254 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.576  | 1925154    | 17.277 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.357  | 1949763    | 17.273 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.755 | 2026528    | 17.220 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.830 | 2018508    | 17.169 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.570 | 2095052    | 17.099 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.867 | 2105372    | 17.095 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.742 | 2063044    | 17.229 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.784 | 2082532    | 17.164 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.295 | 2046660    | 17.104 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.327 | 2075291    | 17.180 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.672 | 1993788    | 17.125 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.036 | 1408597    | 15.430 ug/mlm |
| 20) T Dibenz[a,h]anthracene...     | 18.079 | 1679350    | 15.565 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.290 | 1471954    | 15.547 ug/mlm |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :  
ALS Vial : 52 Sample Multiplier: 1

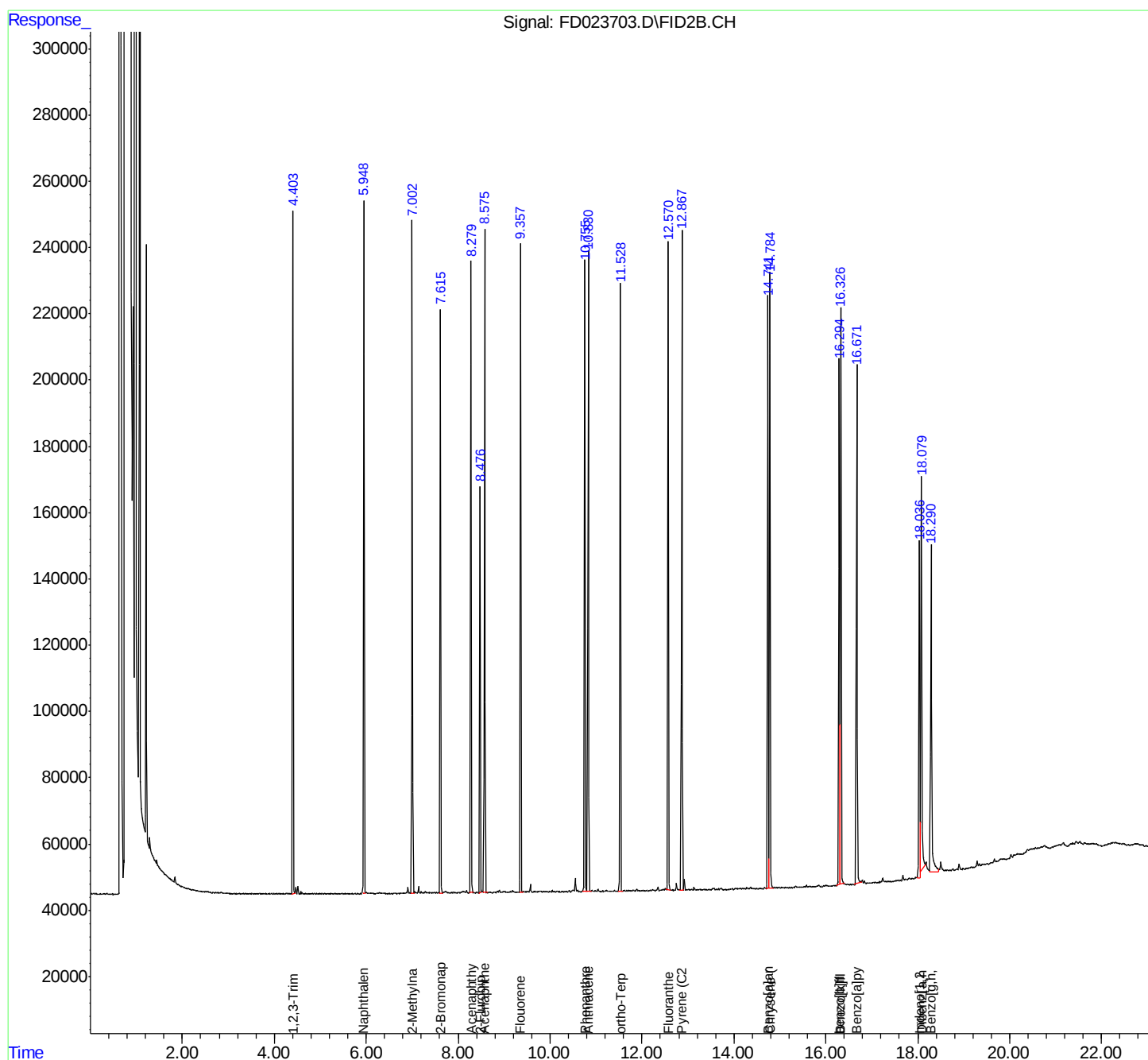
Instrument :  
FID\_D  
ClientSampled :  
20 PPM AROMATIC HC STD

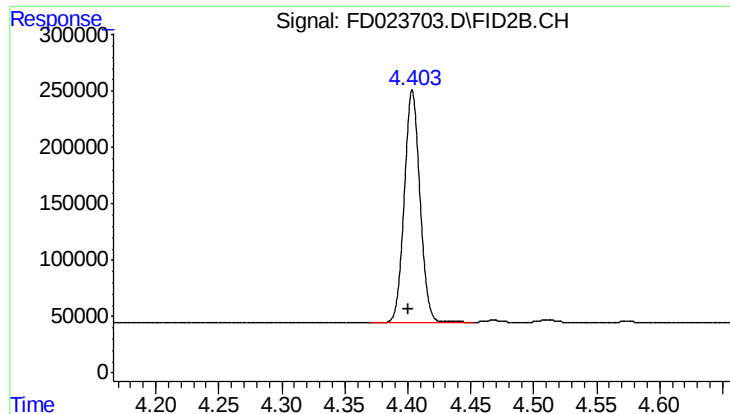
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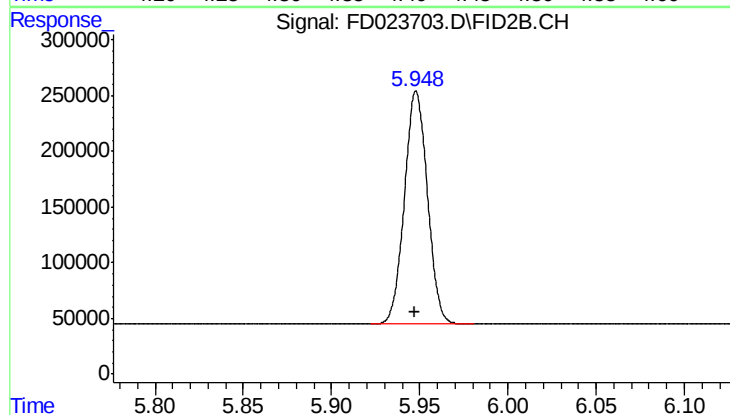
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.404 min  
Delta R.T.: 0.003 min  
Response: 1791399  
Conc: 17.50 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
20 PPM AROMATIC HC STD

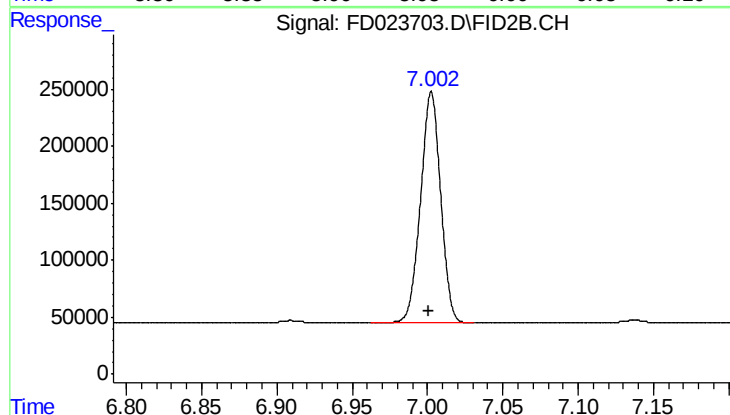
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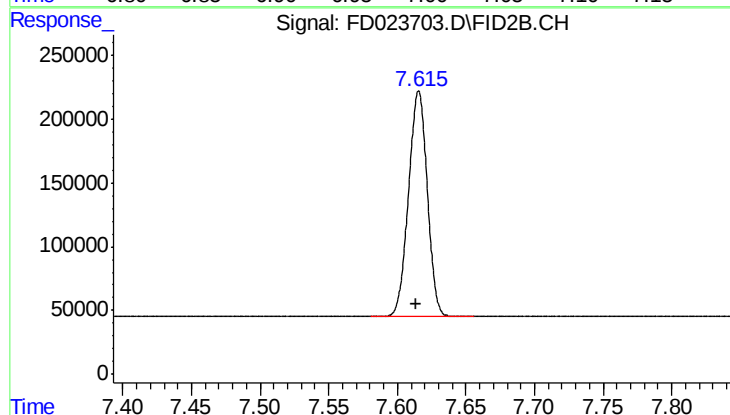
#2 Naphthalene (C11.7)

R.T.: 5.948 min  
Delta R.T.: 0.001 min  
Response: 1896766  
Conc: 17.36 ug/ml



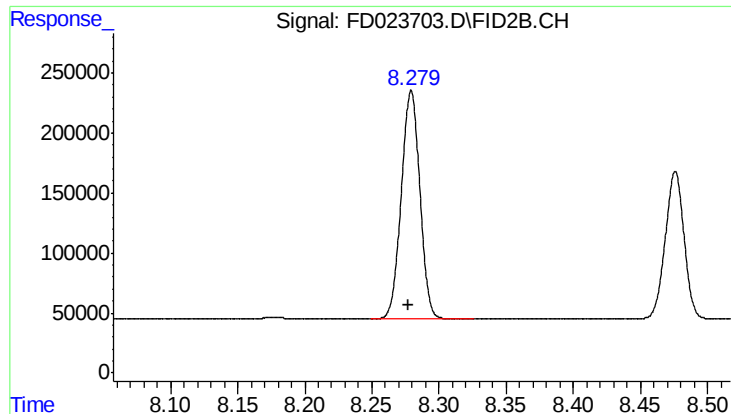
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.003 min  
Delta R.T.: 0.002 min  
Response: 1882965  
Conc: 17.35 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.616 min  
Delta R.T.: 0.002 min  
Response: 1681509  
Conc: 17.37 ug/ml



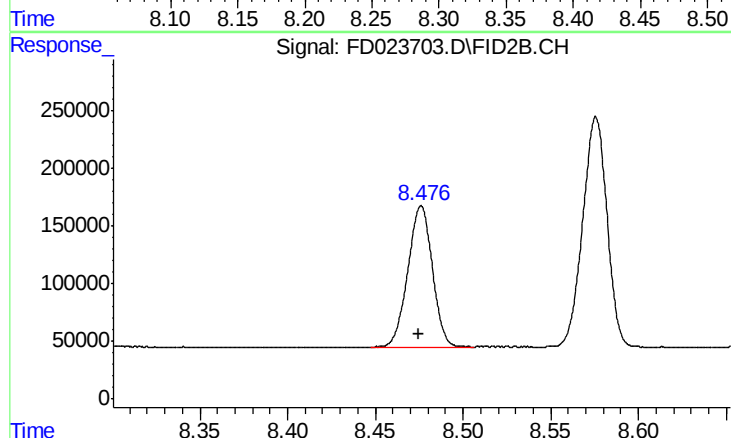
#5 Acenaphthylene (C15.06)

R.T.: 8.279 min  
Delta R.T.: 0.002 min  
Response: 1833234  
Conc: 17.25 ug/ml

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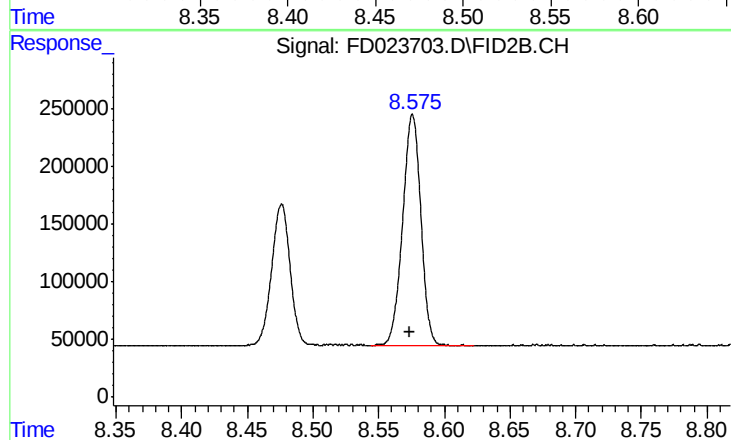
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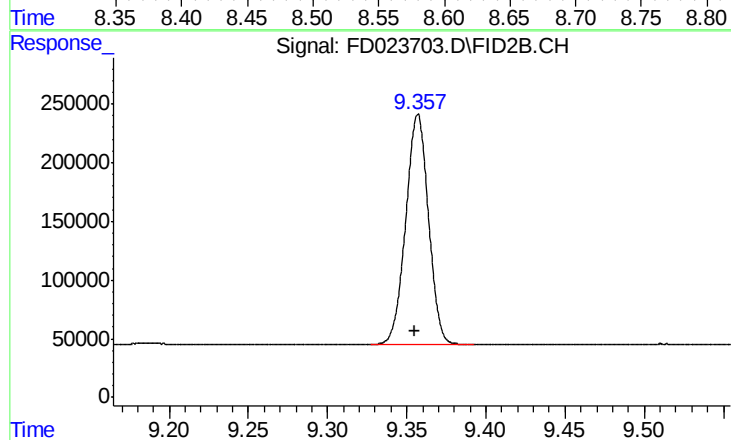
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.476 min  
Delta R.T.: 0.002 min  
Response: 1189816  
Conc: 17.25 ug/ml



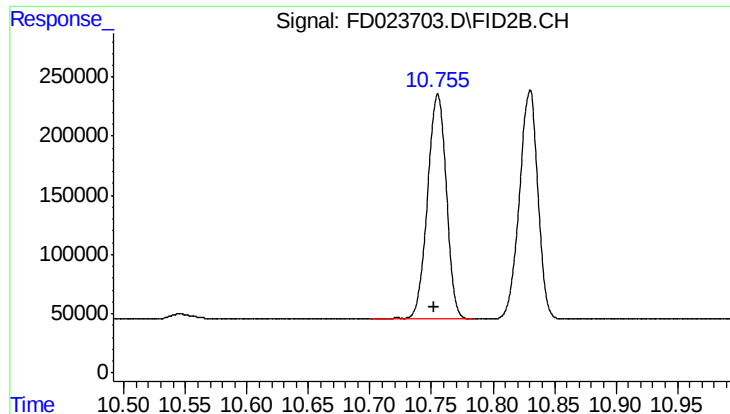
#7 Acenaphthene (C15.5)

R.T.: 8.576 min  
Delta R.T.: 0.003 min  
Response: 1925154  
Conc: 17.28 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.357 min  
Delta R.T.: 0.002 min  
Response: 1949763  
Conc: 17.27 ug/ml



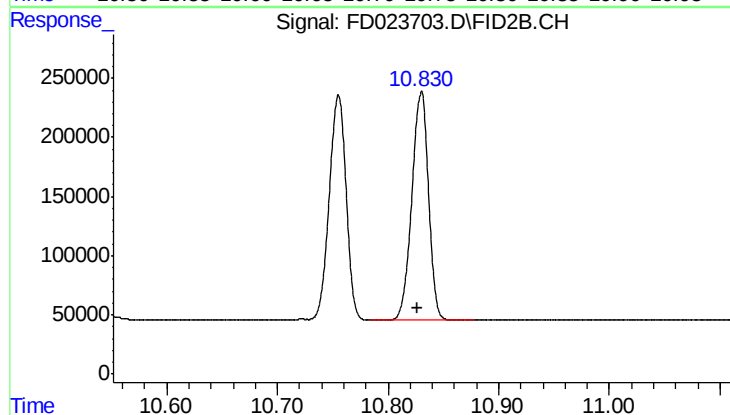
#9 Phenanthrene (C19.36)

R.T.: 10.755 min  
Delta R.T.: 0.003 min  
Response: 2026528  
Conc: 17.22 ug/ml

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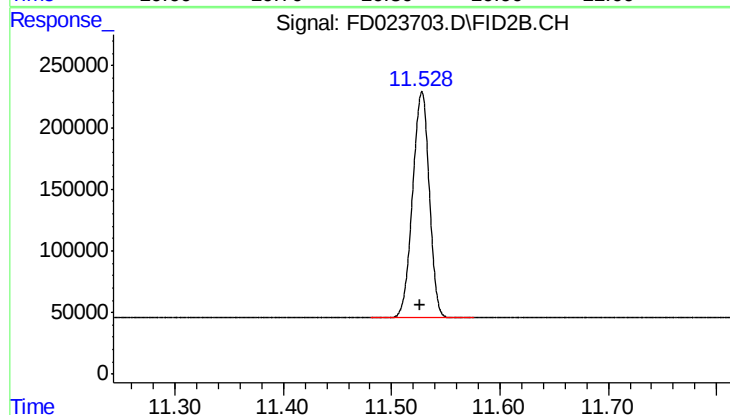
Manual Integrations  
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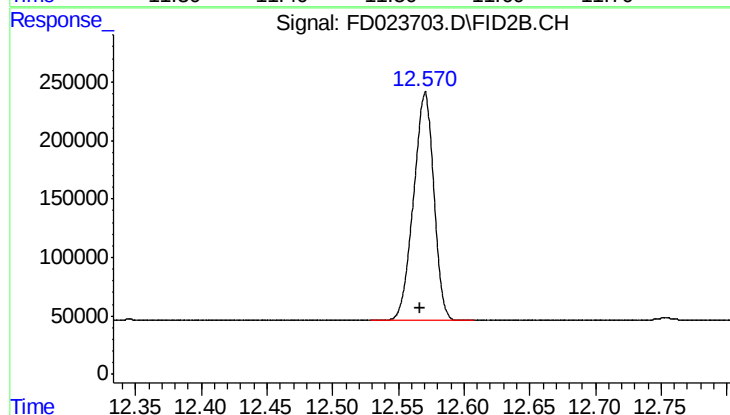
#10 Anthracene (C19.43)

R.T.: 10.830 min  
Delta R.T.: 0.004 min  
Response: 2018508  
Conc: 17.17 ug/ml



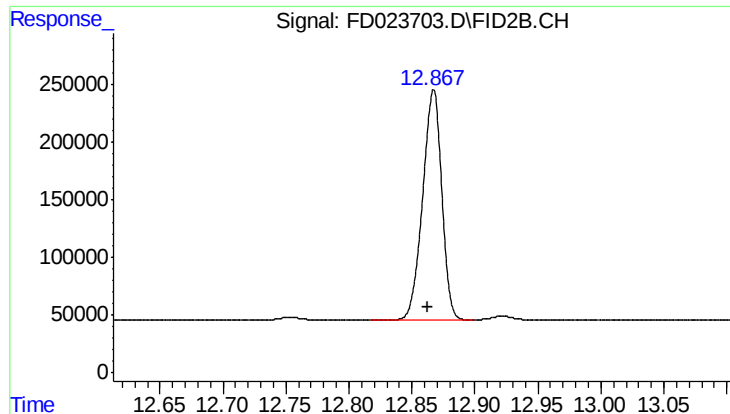
#11 ortho-Terphenyl (SURRE)

R.T.: 11.528 min  
Delta R.T.: 0.002 min  
Response: 1965420  
Conc: 17.24 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.570 min  
Delta R.T.: 0.004 min  
Response: 2095052  
Conc: 17.10 ug/ml



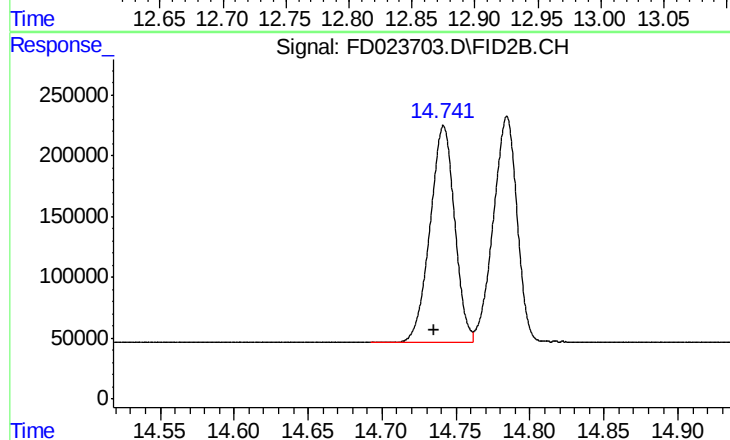
#13 Pyrene (C20.8)

R.T.: 12.867 min  
Delta R.T.: 0.005 min  
Response: 2105372  
Conc: 17.10 ug/ml

Instrument :  
FID\_D  
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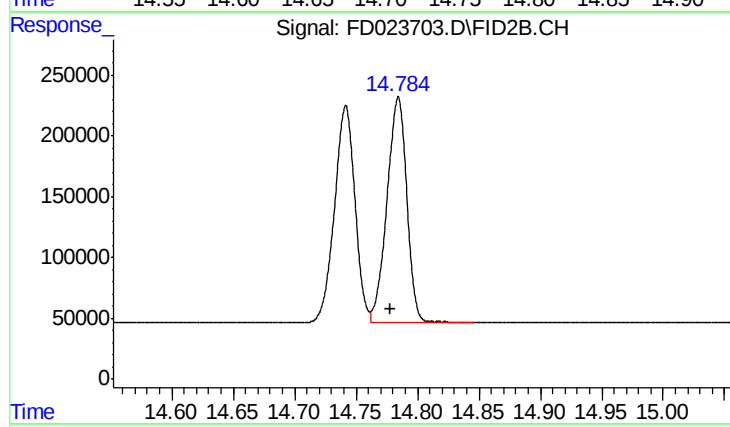
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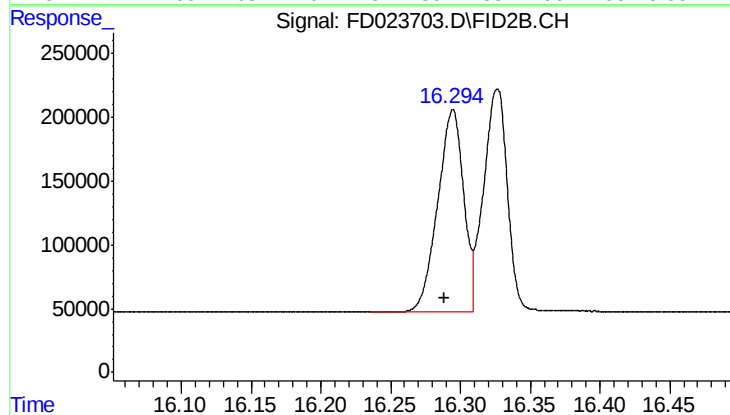
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.742 min  
Delta R.T.: 0.006 min  
Response: 2063044  
Conc: 17.23 ug/ml



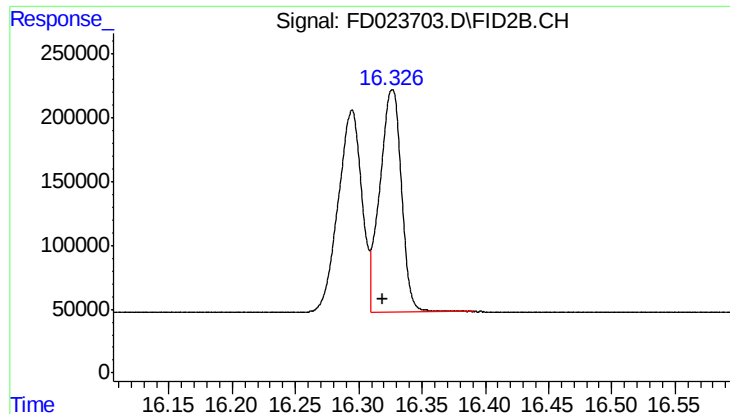
#15 Chrysene (C27.41)

R.T.: 14.784 min  
Delta R.T.: 0.006 min  
Response: 2082532  
Conc: 17.16 ug/ml



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

R.T.: 16.295 min  
Delta R.T.: 0.007 min  
Response: 2046660  
Conc: 17.10 ug/ml



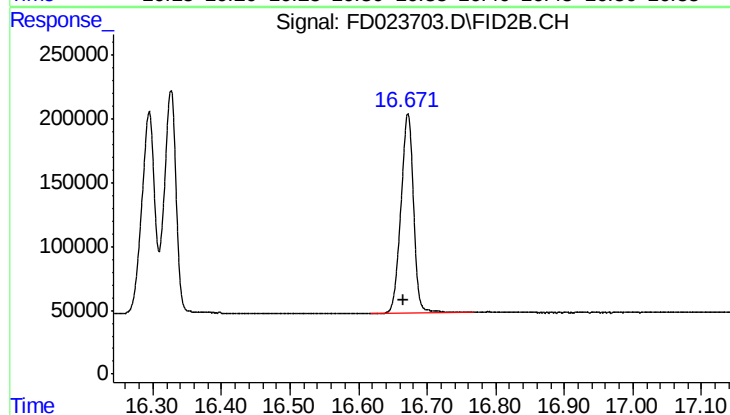
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.327 min  
Delta R.T.: 0.008 min  
Response: 2075291  
Conc: 17.18 ug/ml

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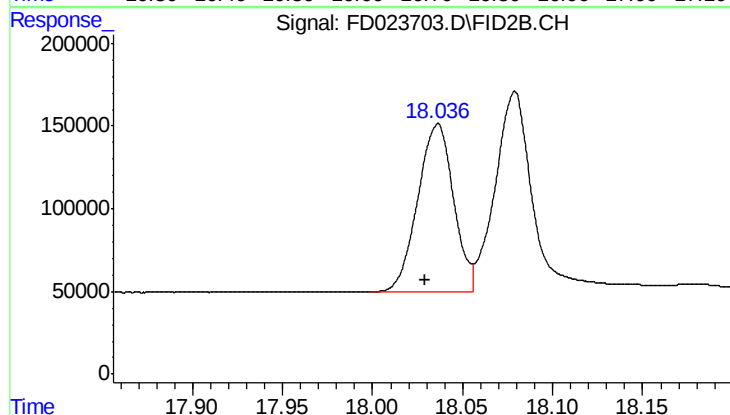
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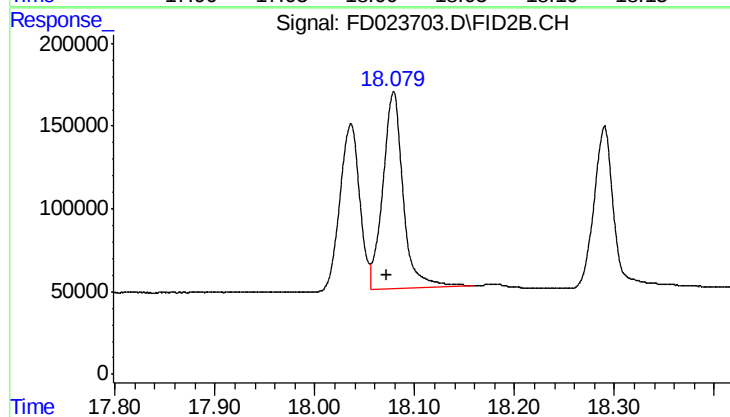
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.672 min  
Delta R.T.: 0.007 min  
Response: 1993788  
Conc: 17.13 ug/ml



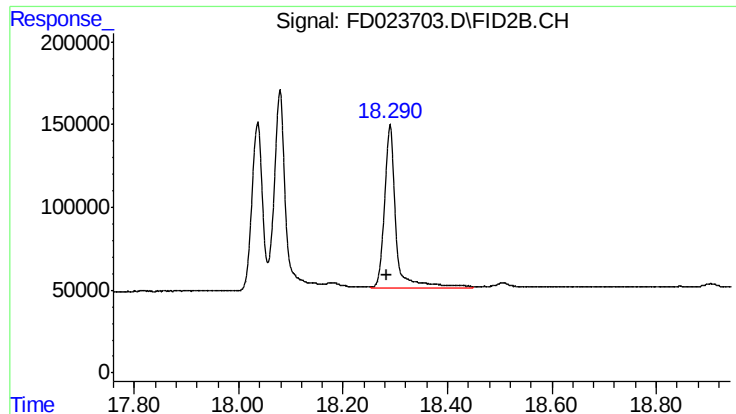
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.036 min  
Delta R.T.: 0.007 min  
Response: 1408597  
Conc: 15.43 ug/ml m



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

R.T.: 18.079 min  
Delta R.T.: 0.008 min  
Response: 1679350  
Conc: 15.56 ug/ml



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

R.T.: 18.290 min  
Delta R.T.: 0.007 min  
Response: 1471954  
Conc: 15.55 ug/ml

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