

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD021225AR\  
 Data File : FD049082.D  
 Signal(s) : FID2B.ch  
 Acq On : 12 Feb 2025 10:03  
 Operator : YP/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Feb 13 01:16:28 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 021125.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Feb 12 12:54:29 2025  
 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...      | 7.352  | 2887962    | 20.180 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 40.36%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.202  | 1829328    | 20.809 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 41.62%       |
| 11) S ortho-Terphenyl (SURR)       | 11.233 | 3257866    | 20.138 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 40.28%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.176  | 3216679    | 20.198 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.693  | 3241110    | 20.412 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.739  | 3203601    | 20.576 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.003  | 3255359    | 20.020 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.296  | 3273655    | 19.900 ug/ml |
| 8) T Fluorene (C16.55)             | 9.076  | 3185994    | 20.209 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.463 | 3062364    | 20.321 ug/ml |
| 10) T Anthracene (C19.43)          | 10.539 | 2968402    | 19.655 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.266 | 3172265    | 20.557 ug/ml |
| 13) T Pyrene (C20.8)               | 12.558 | 3083329    | 20.014 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.429 | 2799089    | 21.304 ug/ml |
| 15) T Chrysene (C27.41)            | 14.470 | 3327609    | 20.581 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 15.975 | 2886125    | 20.976 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.007 | 3216548    | 20.365 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.354 | 2810329    | 20.704 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.719 | 2239037    | 20.490 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.757 | 3382110    | 21.800 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 17.966 | 2889934    | 19.937 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

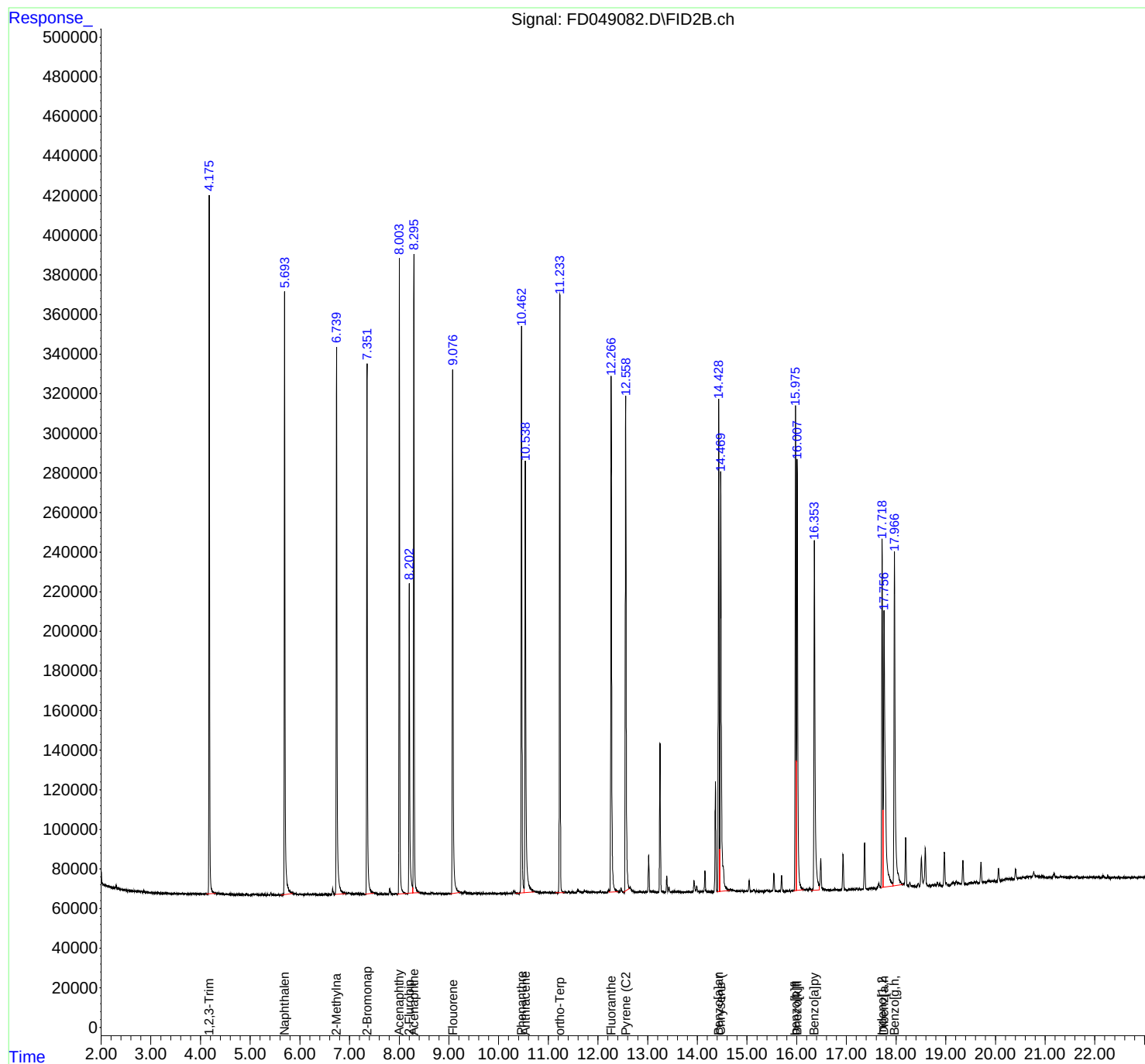
(m)=manual int.

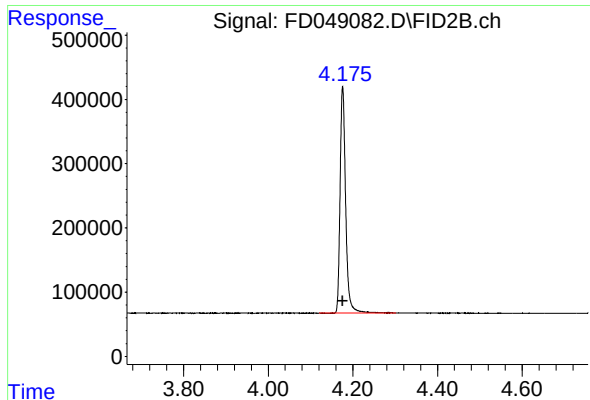
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD021225AR\  
Data File : FD049082.D  
Signal(s) : FID2B.ch  
Acq On : 12 Feb 2025 10:03  
Operator : YP/AJ  
Sample : 20 PPM AROMATIC HC STD  
Misc :  
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20 PPM AROMATIC HC STD

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Quant Title : GC Extractables  
QLast Update : Wed Feb 12 12:54:29 2025  
Response via : Initial Calibration  
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Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm

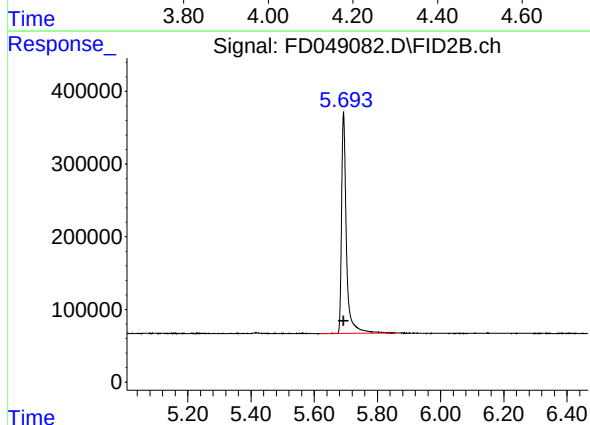




#1 1,2,3-Trimethylbenzene (C10.1)

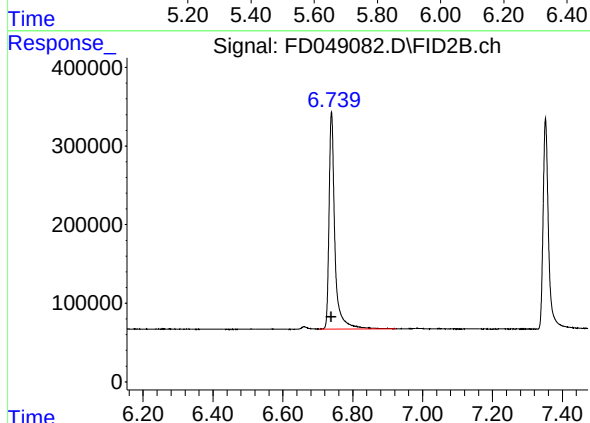
R.T.: 4.176 min  
Delta R.T.: 0.000 min  
Response: 3216679  
Conc: 20.20 ug/ml

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20 PPM AROMATIC HC STD



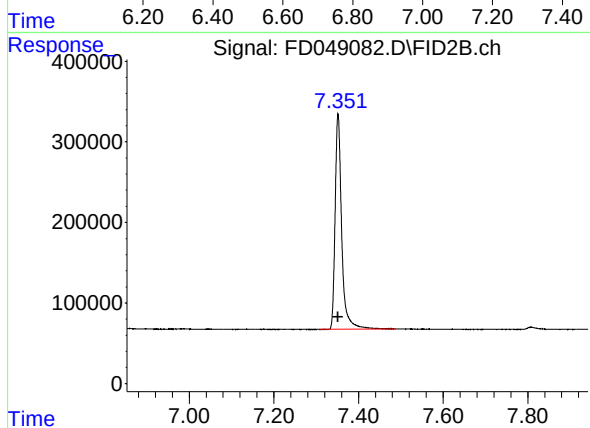
#2 Naphthalene (C11.7)

R.T.: 5.693 min  
Delta R.T.: 0.000 min  
Response: 3241110  
Conc: 20.41 ug/ml



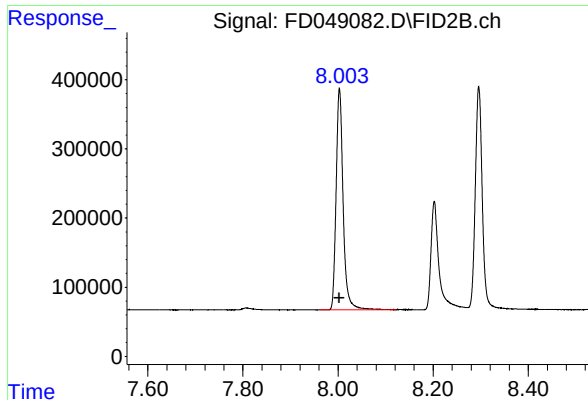
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.739 min  
Delta R.T.: 0.000 min  
Response: 3203601  
Conc: 20.58 ug/ml



#4 2-Bromonaphthalene (SURR)

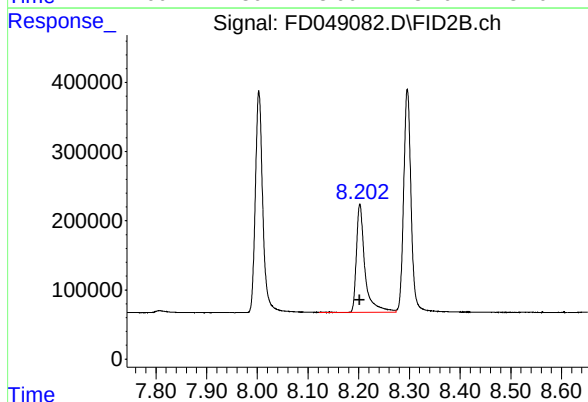
R.T.: 7.352 min  
Delta R.T.: 0.000 min  
Response: 2887962  
Conc: 20.18 ug/ml



#5 Acenaphthylene (C15.06)

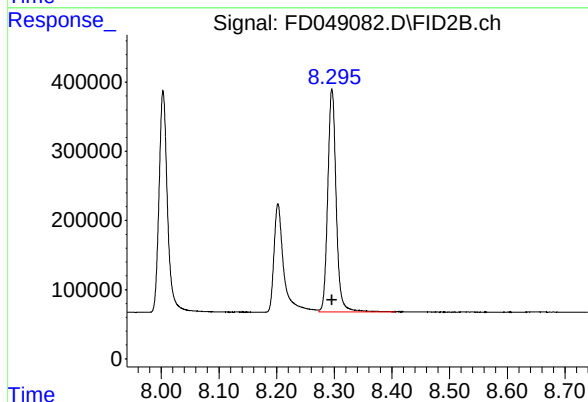
R.T.: 8.003 min  
Delta R.T.: 0.000 min  
Response: 3255359  
Conc: 20.02 ug/ml

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



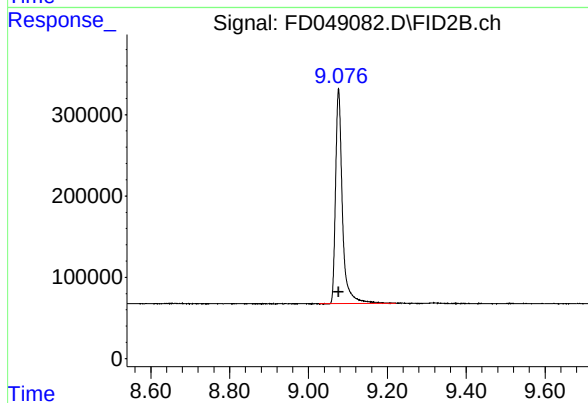
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.202 min  
Delta R.T.: 0.000 min  
Response: 1829328  
Conc: 20.81 ug/ml



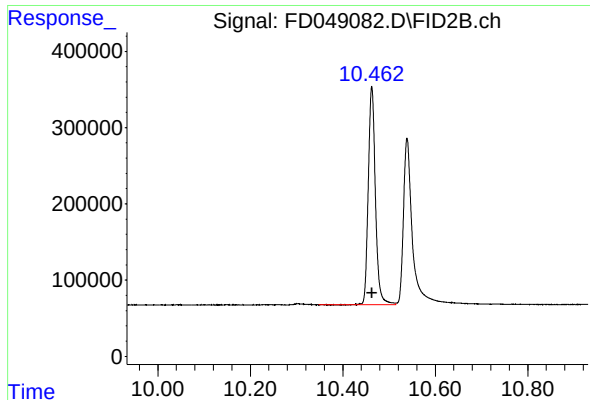
#7 Acenaphthene (C15.5)

R.T.: 8.296 min  
Delta R.T.: 0.000 min  
Response: 3273655  
Conc: 19.90 ug/ml



#8 Flouorene (C16.55)

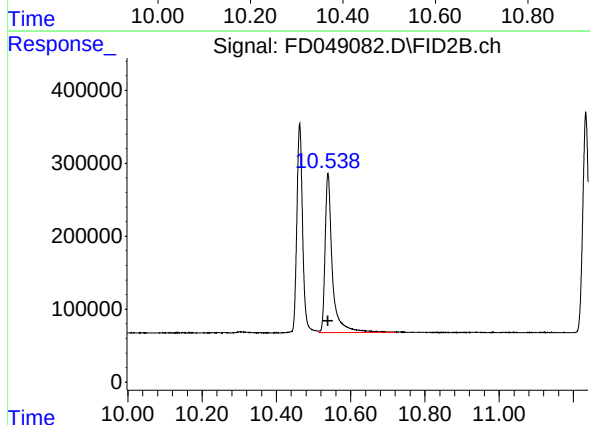
R.T.: 9.076 min  
Delta R.T.: 0.000 min  
Response: 3185994  
Conc: 20.21 ug/ml



#9 Phenanthrene (C19.36)

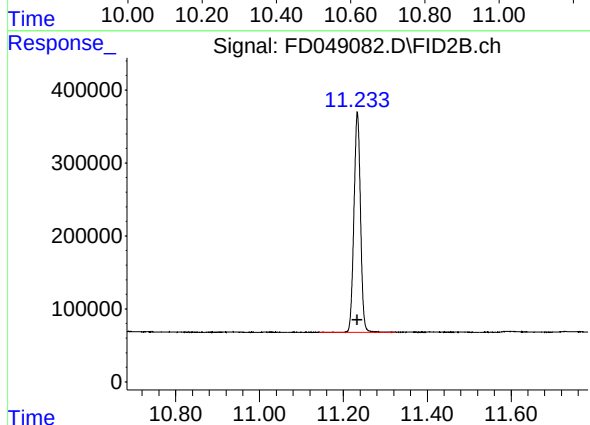
R.T.: 10.463 min  
Delta R.T.: 0.000 min  
Response: 3062364  
Conc: 20.32 ug/ml

Instrument :  
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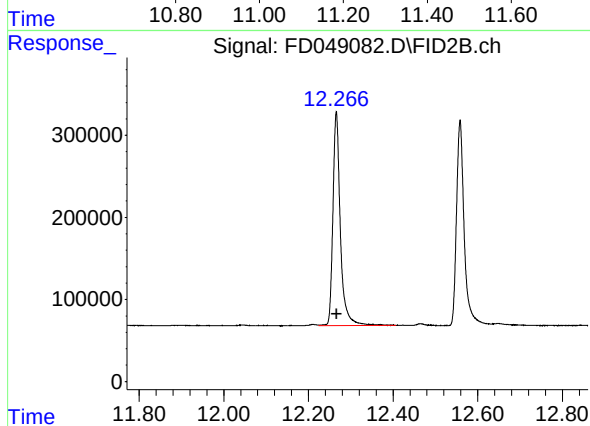
#10 Anthracene (C19.43)

R.T.: 10.539 min  
Delta R.T.: 0.000 min  
Response: 2968402  
Conc: 19.65 ug/ml



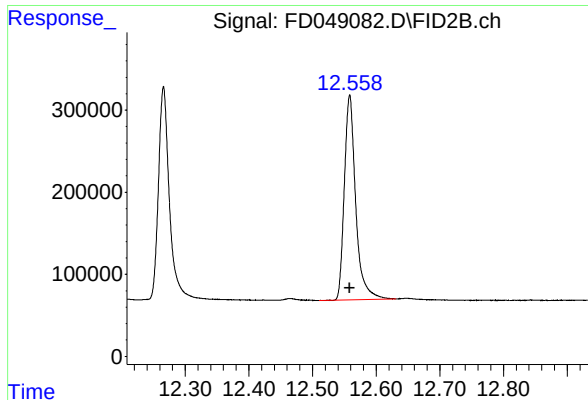
#11 ortho-Terphenyl (SURR)

R.T.: 11.233 min  
Delta R.T.: 0.000 min  
Response: 3257866  
Conc: 20.14 ug/ml



#12 Fluoranthene (C21.85)

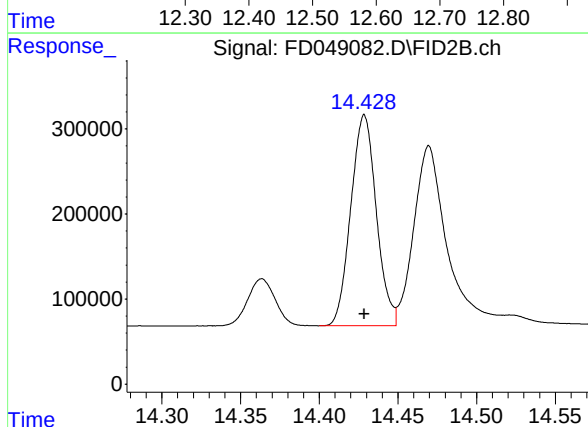
R.T.: 12.266 min  
Delta R.T.: 0.000 min  
Response: 3172265  
Conc: 20.56 ug/ml



#13 Pyrene (C20.8)

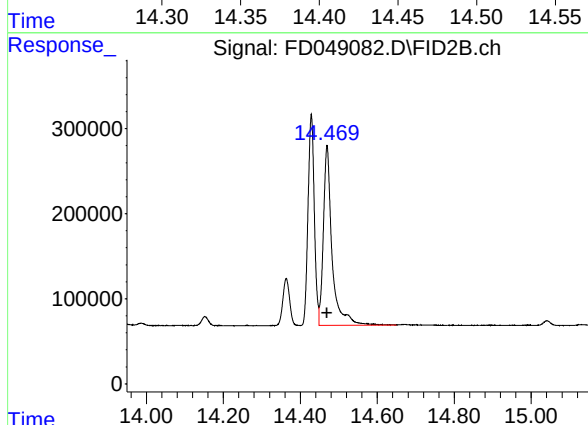
R.T.: 12.558 min  
Delta R.T.: 0.000 min  
Response: 3083329  
Conc: 20.01 ug/ml

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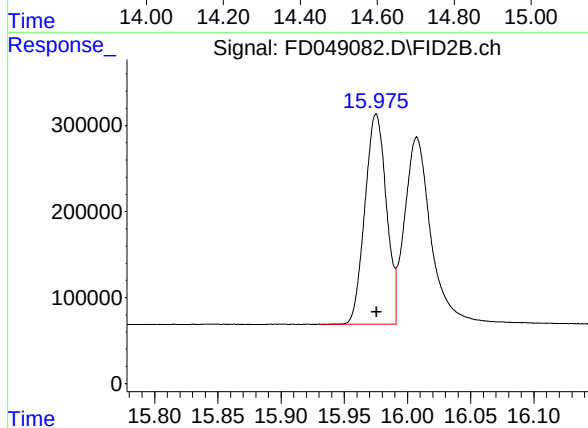
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.429 min  
Delta R.T.: 0.000 min  
Response: 2799089  
Conc: 21.30 ug/ml



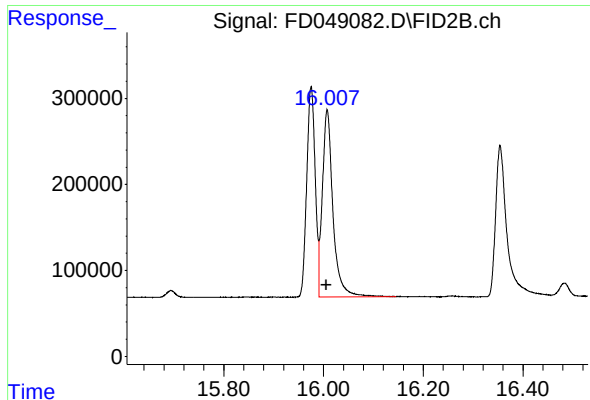
#15 Chrysene (C27.41)

R.T.: 14.470 min  
Delta R.T.: 0.000 min  
Response: 3327609  
Conc: 20.58 ug/ml



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

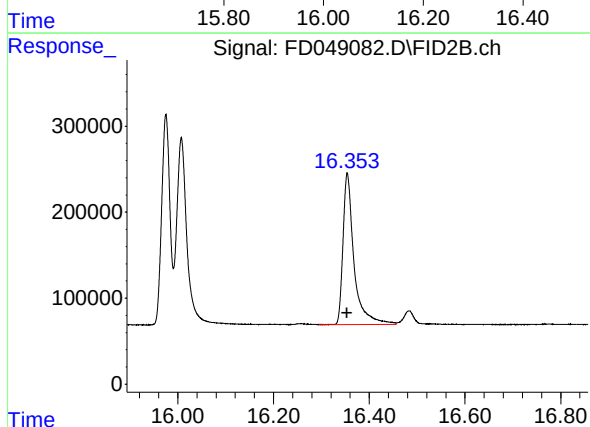
R.T.: 15.975 min  
Delta R.T.: 0.000 min  
Response: 2886125  
Conc: 20.98 ug/ml



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

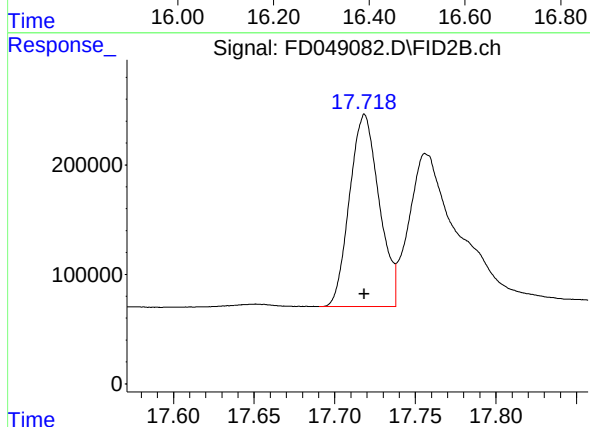
R.T.: 16.007 min  
Delta R.T.: 0.001 min  
Response: 3216548  
Conc: 20.37 ug/ml

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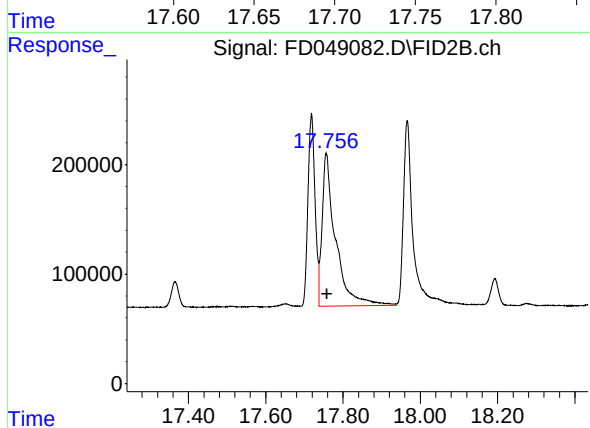
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.354 min  
Delta R.T.: 0.000 min  
Response: 2810329  
Conc: 20.70 ug/ml



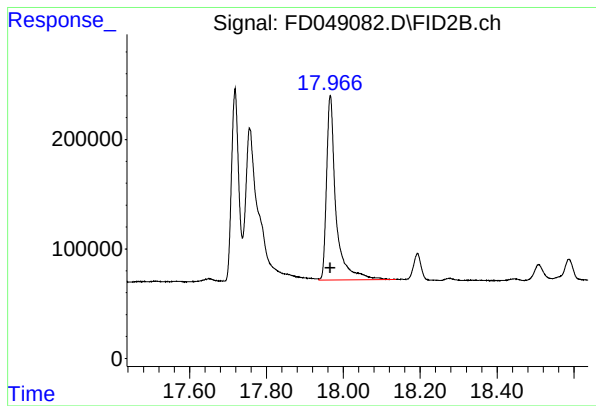
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.719 min  
Delta R.T.: 0.000 min  
Response: 2239037  
Conc: 20.49 ug/ml



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

R.T.: 17.757 min  
Delta R.T.: -0.002 min  
Response: 3382110  
Conc: 21.80 ug/ml



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

R.T.: 17.966 min  
Delta R.T.: 0.000 min  
Response: 2889934  
Conc: 19.94 ug/ml

Instrument :

FID\_D

ClientSampleId :

20 PPM AROMATIC HC STD