

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD061224AR\  
 Data File : FD047928.D  
 Signal(s) : FID2B.ch  
 Acq On : 13 Jun 2024 03:33  
 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

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/13/2024  
 Supervised By :Ankita Jodhani 06/13/2024

Integration File: autoint1.e  
 Quant Time: Jun 13 05:27:13 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 052124.M  
 Quant Title : GC Extractables  
 QLast Update : Tue May 21 19:00:48 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...      | 7.427  | 3163006    | 22.530 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 45.06%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.279  | 2093705    | 22.607 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 45.21%        |
| 11) S ortho-Terphenyl (SURR)       | 11.316 | 3598995    | 22.510 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 45.02%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.244  | 3493144    | 22.117 ug/ml  |
| 2) T Naphthalene (C11.7)           | 5.766  | 3681553    | 22.555 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.814  | 3711843    | 22.526 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.082  | 3623429    | 22.169 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.377  | 3672441    | 22.492 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.155  | 3552288    | 22.581 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.544 | 3465004    | 22.470 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.618 | 2788619    | 18.550 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.348 | 3466952    | 22.846 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.642 | 3404317    | 22.582 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.511 | 3113463    | 22.712 ug/mlm |
| 15) T Chrysene (C27.41)            | 14.553 | 3232211    | 21.940 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.058 | 3289332    | 23.371 ug/mlm |
| 17) T Bnezo[k]fluoranthene ...     | 16.090 | 3152345    | 23.148 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.434 | 3122262    | 22.557 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.798 | 2719272    | 23.588 ug/mlm |
| 20) T Dibenz[a,h]anthracene...     | 17.837 | 2814531    | 21.107 ug/mlm |
| 21) T Benzo[g,h,i]perylene ...     | 18.048 | 3098137    | 23.296 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 13 Jun 2024 03:33  
Operator : YP/AJ  
Sample : 20 PPM AROMATIC HC STD  
Misc :  
ALS Vial : 52 Sample Multiplier: 1

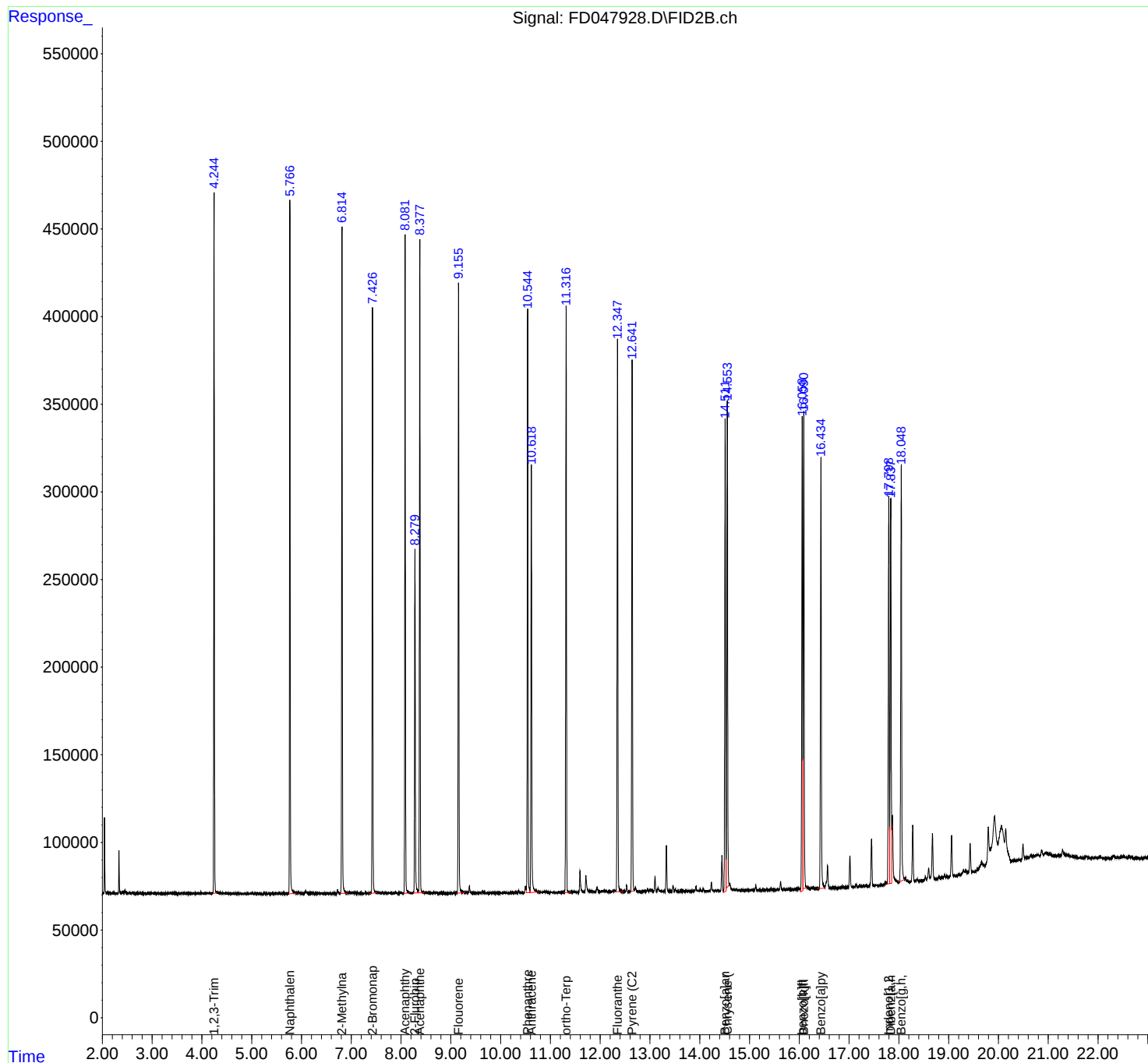
Instrument :  
FID\_D  
ClientSampleId :  
20 PPM AROMATIC HC STD

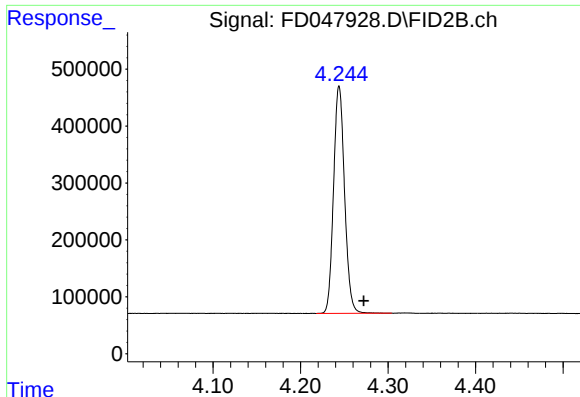
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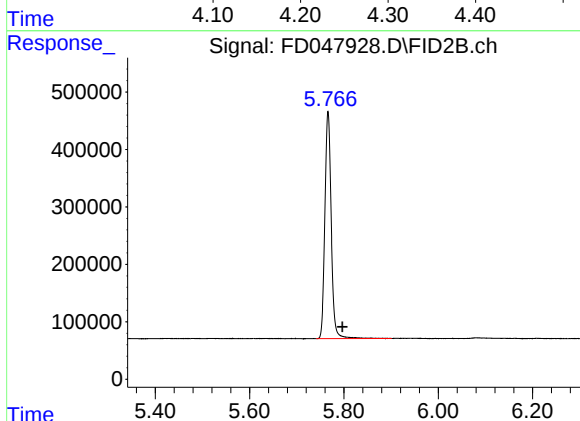
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.244 min  
Delta R.T.: -0.028 min  
Response: 3493144  
Conc: 22.12 ug/ml

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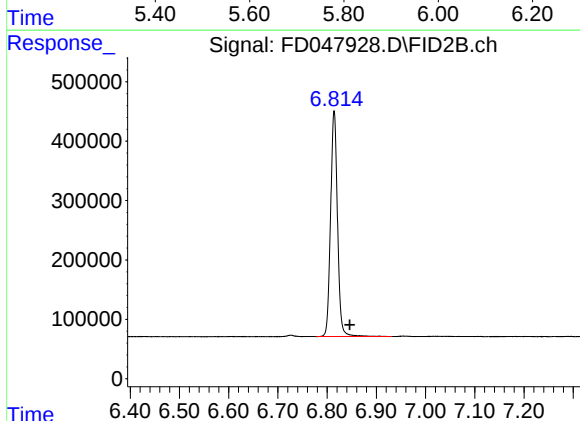
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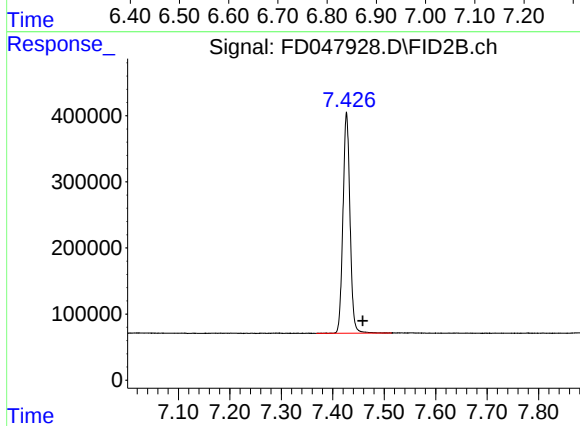
#2 Naphthalene (C11.7)

R.T.: 5.766 min  
Delta R.T.: -0.031 min  
Response: 3681553  
Conc: 22.55 ug/ml



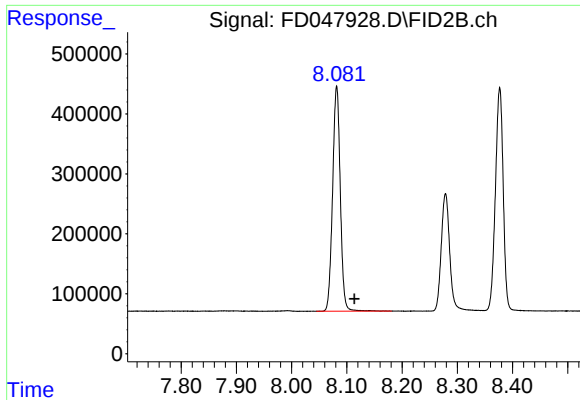
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.814 min  
Delta R.T.: -0.032 min  
Response: 3711843  
Conc: 22.53 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.427 min  
Delta R.T.: -0.031 min  
Response: 3163006  
Conc: 22.53 ug/ml



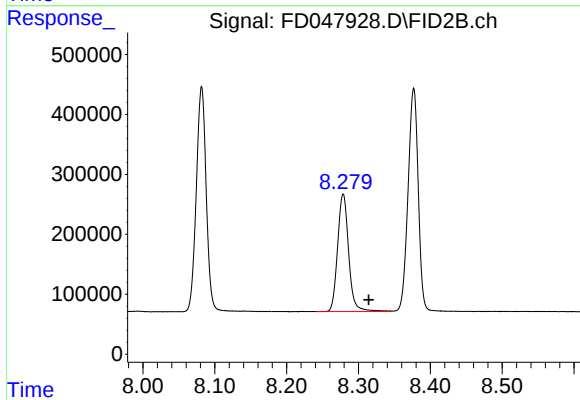
#5 Acenaphthylene (C15.06)

R.T.: 8.082 min  
Delta R.T.: -0.032 min  
Response: 3623429  
Conc: 22.17 ug/ml

Instrument :  
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20 PPM AROMATIC HC STD

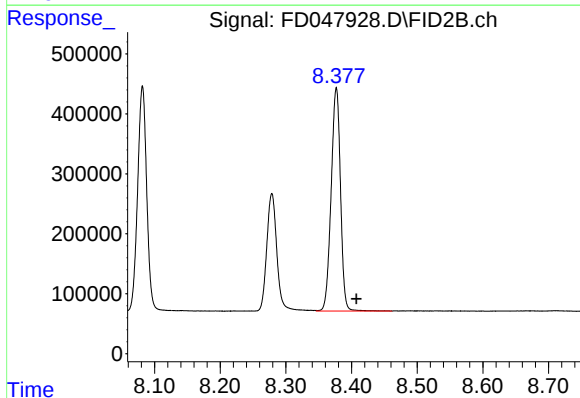
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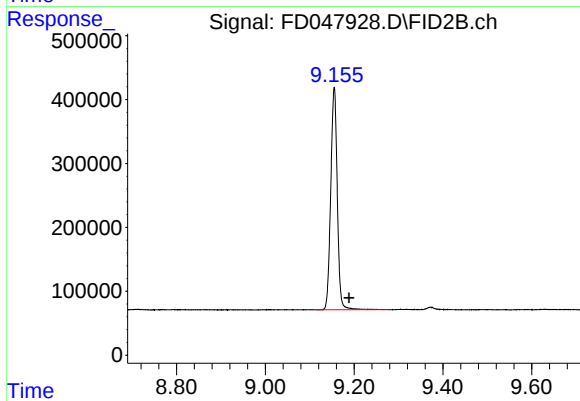
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.279 min  
Delta R.T.: -0.035 min  
Response: 2093705  
Conc: 22.61 ug/ml



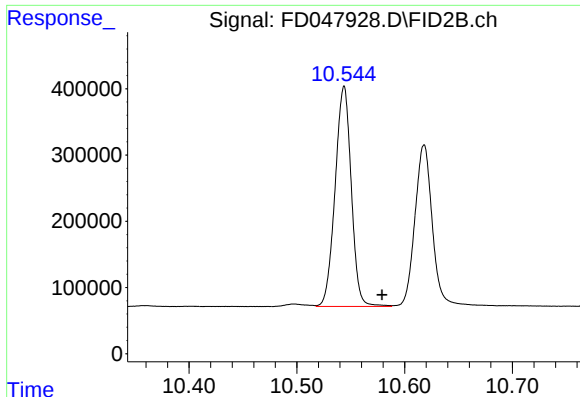
#7 Acenaphthene (C15.5)

R.T.: 8.377 min  
Delta R.T.: -0.031 min  
Response: 3672441  
Conc: 22.49 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.155 min  
Delta R.T.: -0.034 min  
Response: 3552288  
Conc: 22.58 ug/ml



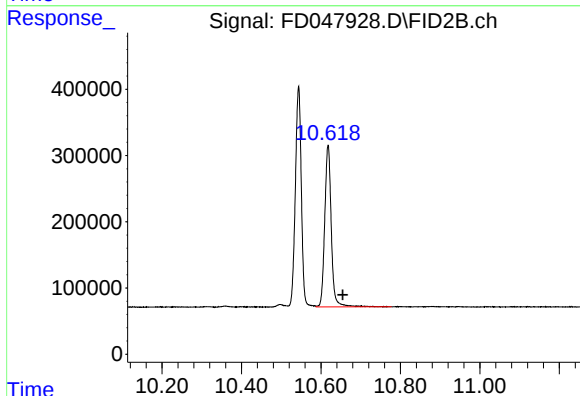
#9 Phenanthrene (C19.36)

R.T.: 10.544 min  
Delta R.T.: -0.035 min  
Response: 3465004  
Conc: 22.47 ug/ml

Instrument :  
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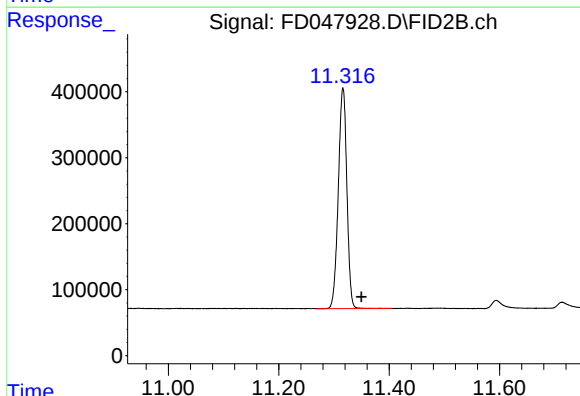
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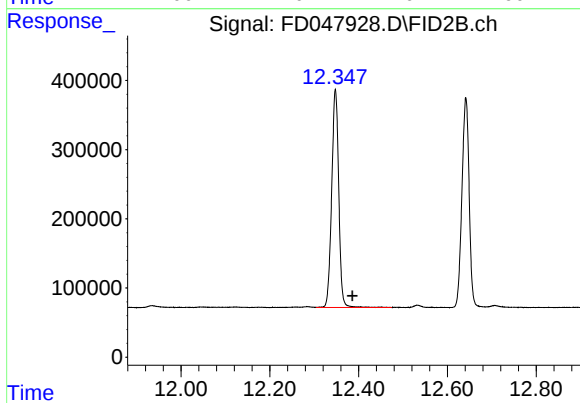
#10 Anthracene (C19.43)

R.T.: 10.618 min  
Delta R.T.: -0.037 min  
Response: 2788619  
Conc: 18.55 ug/ml



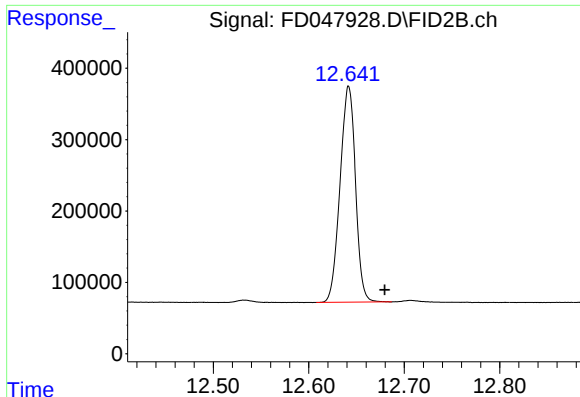
#11 ortho-Terphenyl (SURR)

R.T.: 11.316 min  
Delta R.T.: -0.034 min  
Response: 3598995  
Conc: 22.51 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.348 min  
Delta R.T.: -0.038 min  
Response: 3466952  
Conc: 22.85 ug/ml



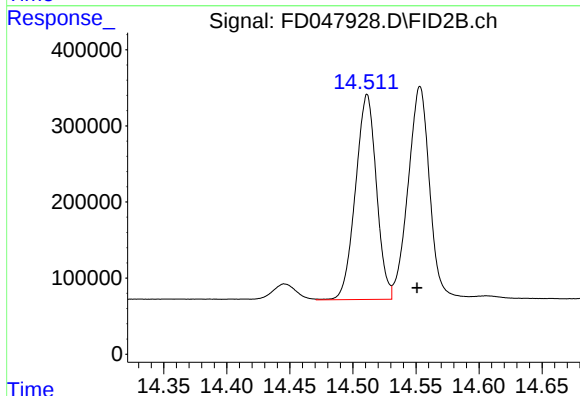
#13 Pyrene (C20.8)

R.T.: 12.642 min  
Delta R.T.: -0.038 min  
Response: 3404317  
Conc: 22.58 ug/ml

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

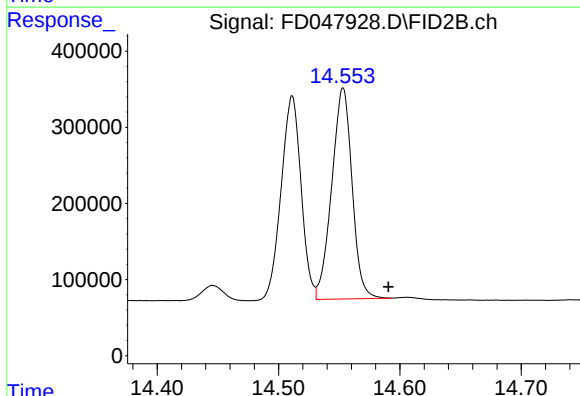
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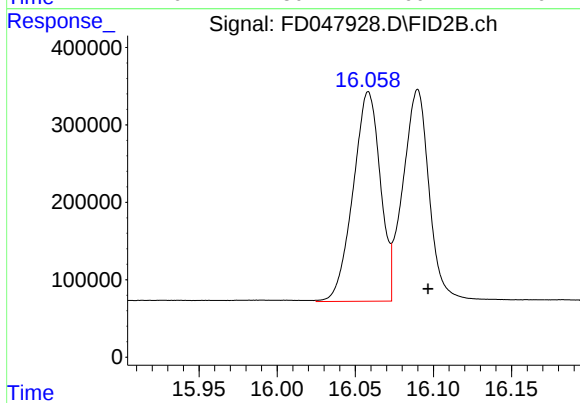
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.511 min  
Delta R.T.: -0.040 min  
Response: 3113463  
Conc: 22.71 ug/ml m



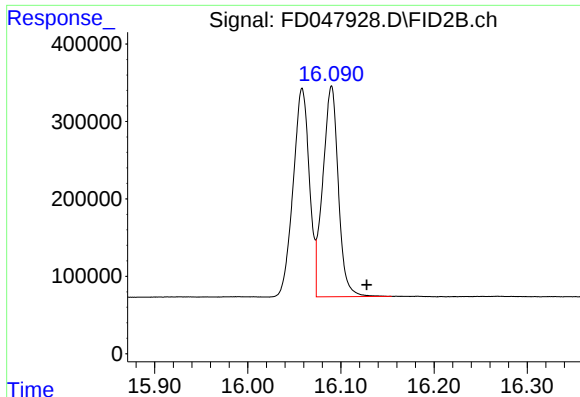
#15 Chrysene (C27.41)

R.T.: 14.553 min  
Delta R.T.: -0.037 min  
Response: 3232211  
Conc: 21.94 ug/ml



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

R.T.: 16.058 min  
Delta R.T.: -0.038 min  
Response: 3289332  
Conc: 23.37 ug/ml m



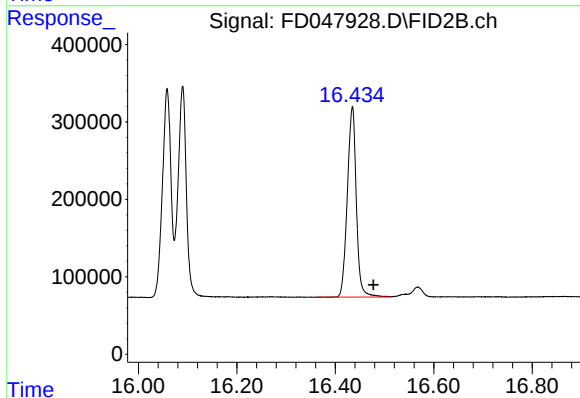
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.090 min  
Delta R.T.: -0.038 min  
Response: 3152345  
Conc: 23.15 ug/ml

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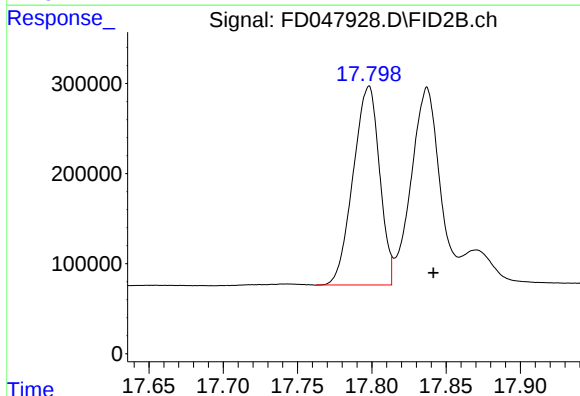
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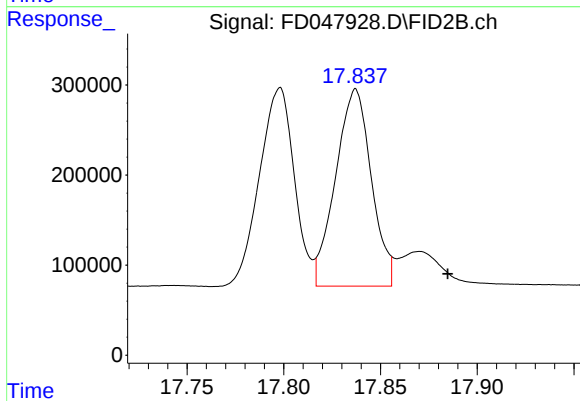
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.434 min  
Delta R.T.: -0.043 min  
Response: 3122262  
Conc: 22.56 ug/ml



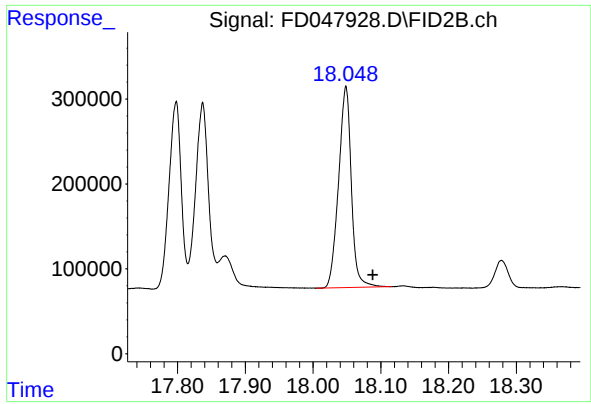
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.798 min  
Delta R.T.: -0.043 min  
Response: 2719272  
Conc: 23.59 ug/ml m



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

R.T.: 17.837 min  
Delta R.T.: -0.048 min  
Response: 2814531  
Conc: 21.11 ug/ml m



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

R.T.: 18.048 min  
Delta R.T.: -0.040 min  
Response: 3098137  
Conc: 23.30 ug/ml

Instrument :

FID\_D

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