

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD041824AR\  
 Data File : FD047535.D  
 Signal(s) : FID2B.ch  
 Acq On : 18 Apr 2024 19:26  
 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: Apr 19 04:34:23 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 040224.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Apr 01 16:48:10 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...      | 7.461  | 3024814    | 20.233 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 40.47%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.314  | 1981446    | 20.279 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 40.56%       |
| 11) S ortho-Terphenyl (SURR)       | 11.352 | 3470001    | 20.242 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 40.48%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.277  | 3268493    | 20.685 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.801  | 3349189    | 20.467 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.849  | 3352301    | 20.381 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.117  | 3007849    | 19.927 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.412  | 3241205    | 20.237 ug/ml |
| 8) T Flouorene (C16.55)            | 9.190  | 3121137    | 20.175 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.579 | 3011871    | 20.244 ug/ml |
| 10) T Anthracene (C19.43)          | 10.653 | 2295020    | 16.874 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.384 | 2998750    | 20.285 ug/ml |
| 13) T Pyrene (C20.8)               | 12.678 | 2915638    | 20.202 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.545 | 2645258    | 20.114 ug/ml |
| 15) T Chrysene (C27.41)            | 14.587 | 2885584    | 20.464 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.090 | 2853029    | 20.450 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.122 | 2871699    | 20.647 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.466 | 2795411    | 20.359 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.828 | 2544002    | 18.860 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.868 | 2763607    | 20.563 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.078 | 2754889    | 19.849 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

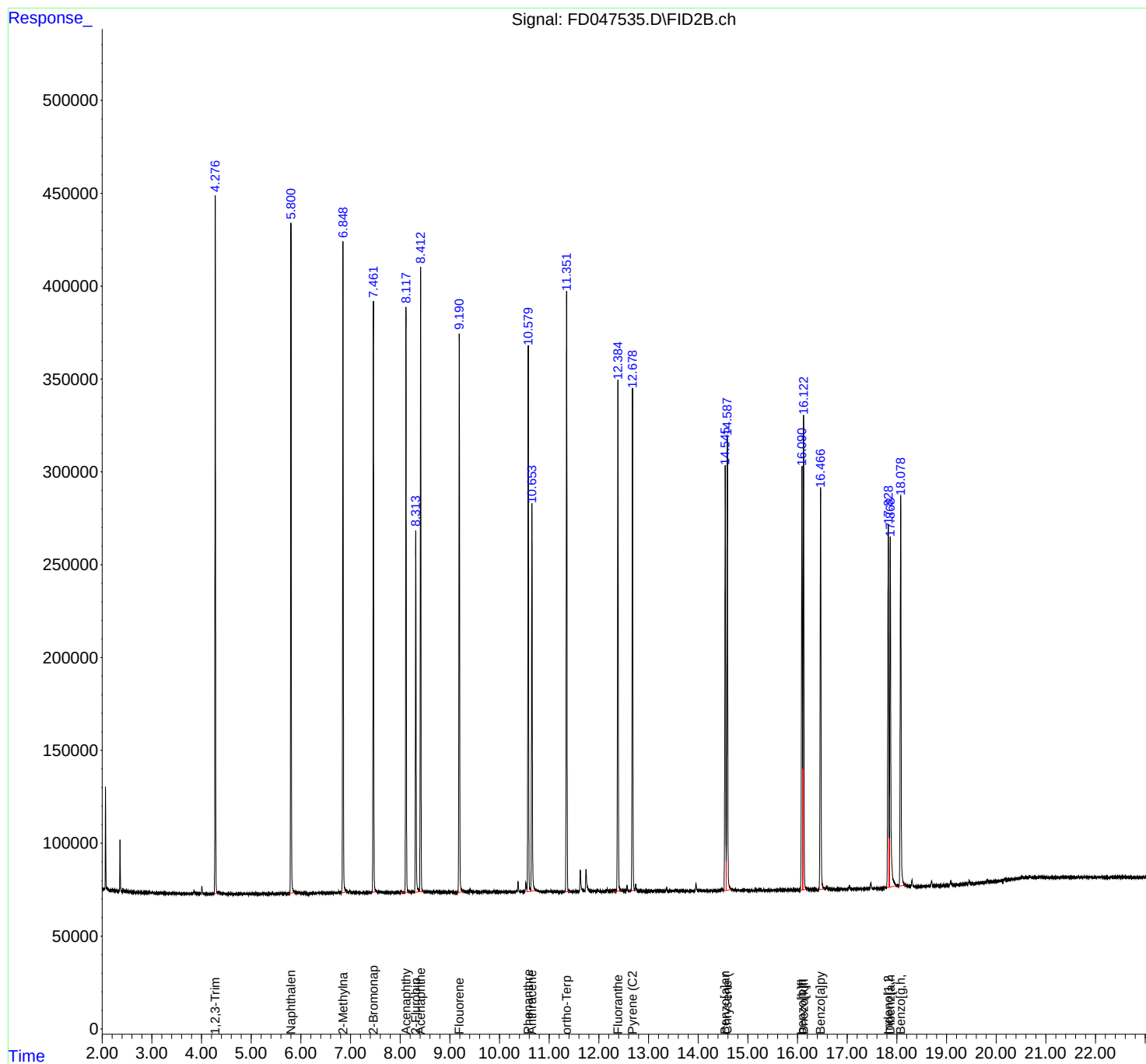
(m)=manual int.

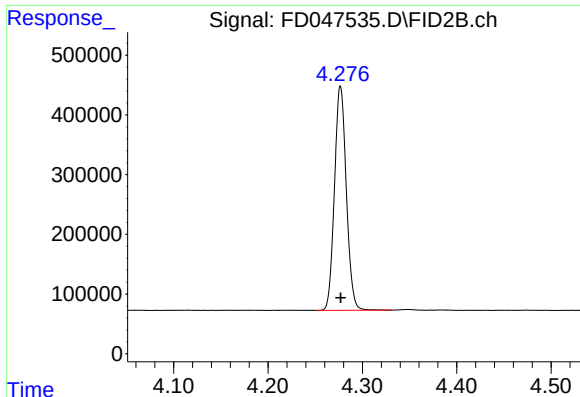
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD041824AR\  
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Volume Inj. : 1 µl  
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Signal Info : 20M x 0.18mm x 0.18µm

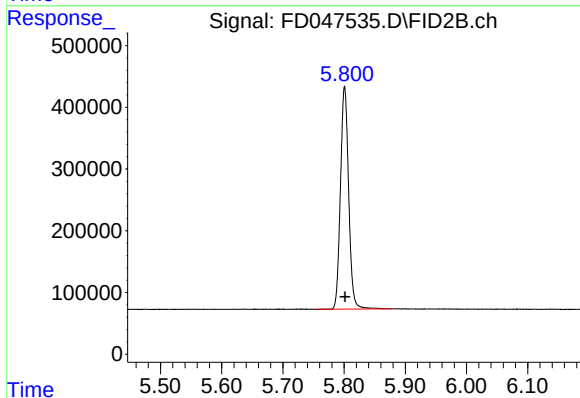




#1 1,2,3-Trimethylbenzene (C10.1)

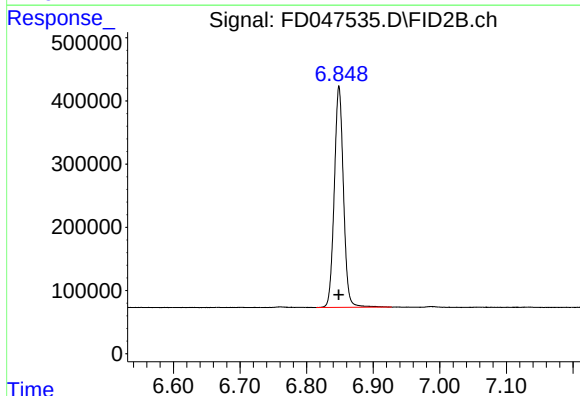
R.T.: 4.277 min  
Delta R.T.: 0.000 min  
Response: 3268493  
Conc: 20.68 ug/ml

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FID\_D  
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20 PPM AROMATIC HC STD



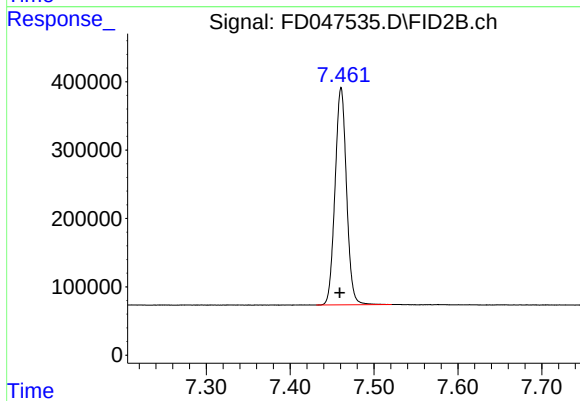
#2 Naphthalene (C11.7)

R.T.: 5.801 min  
Delta R.T.: 0.000 min  
Response: 3349189  
Conc: 20.47 ug/ml



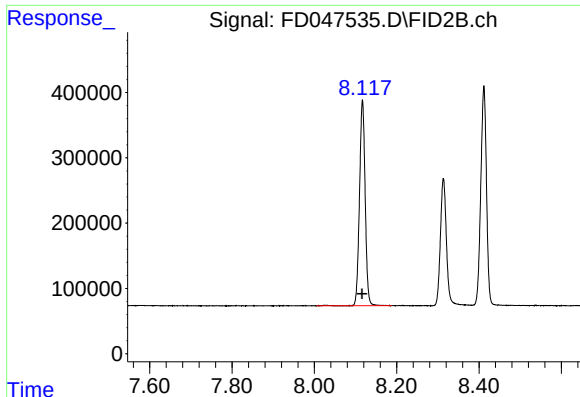
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.849 min  
Delta R.T.: 0.000 min  
Response: 3352301  
Conc: 20.38 ug/ml



#4 2-Bromonaphthalene (SURR)

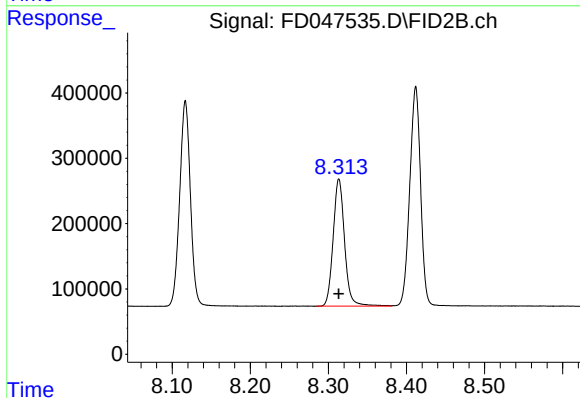
R.T.: 7.461 min  
Delta R.T.: 0.002 min  
Response: 3024814  
Conc: 20.23 ug/ml



#5 Acenaphthylene (C15.06)

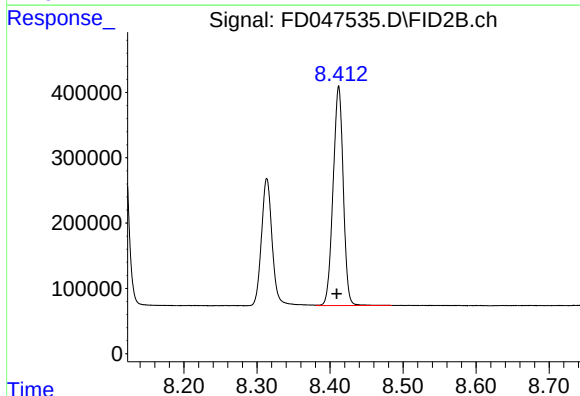
R.T.: 8.117 min  
Delta R.T.: 0.001 min  
Response: 3007849  
Conc: 19.93 ug/ml

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



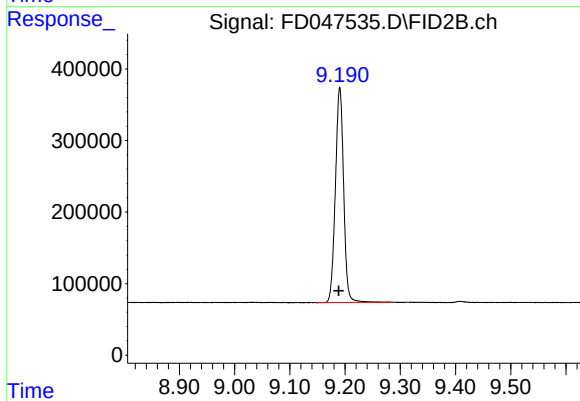
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.314 min  
Delta R.T.: 0.000 min  
Response: 1981446  
Conc: 20.28 ug/ml



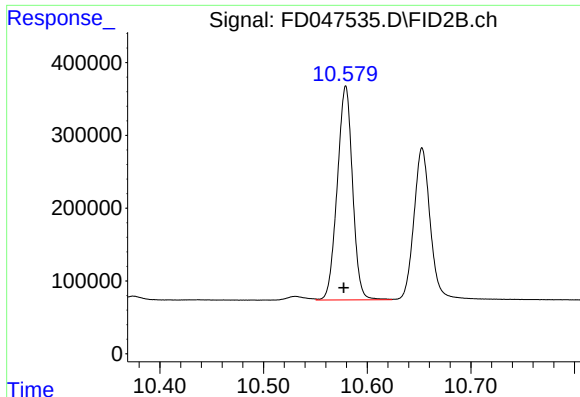
#7 Acenaphthene (C15.5)

R.T.: 8.412 min  
Delta R.T.: 0.002 min  
Response: 3241205  
Conc: 20.24 ug/ml



#8 Fluorene (C16.55)

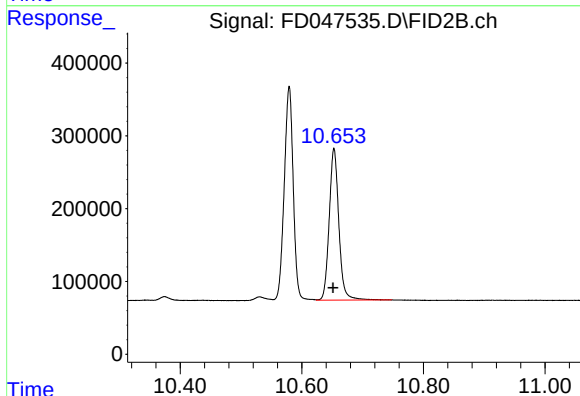
R.T.: 9.190 min  
Delta R.T.: 0.002 min  
Response: 3121137  
Conc: 20.18 ug/ml



#9 Phenanthrene (C19.36)

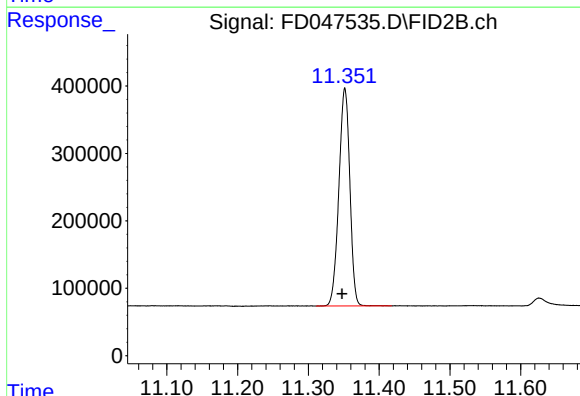
R.T.: 10.579 min  
Delta R.T.: 0.002 min  
Response: 3011871  
Conc: 20.24 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
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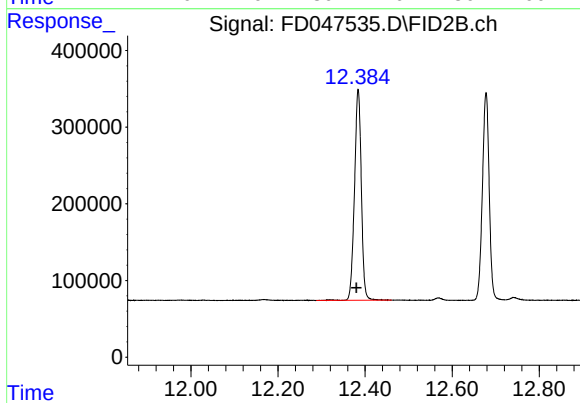
#10 Anthracene (C19.43)

R.T.: 10.653 min  
Delta R.T.: 0.002 min  
Response: 2295020  
Conc: 16.87 ug/ml



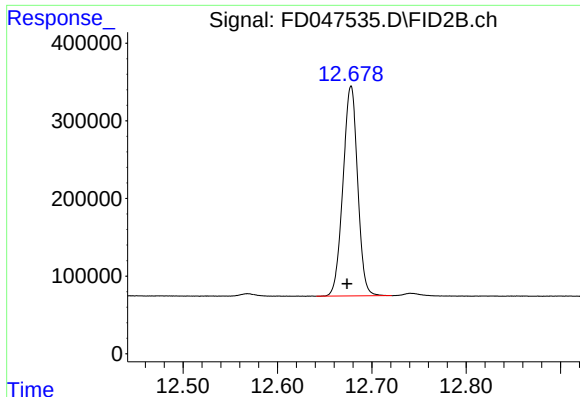
#11 ortho-Terphenyl (SURR)

R.T.: 11.352 min  
Delta R.T.: 0.004 min  
Response: 3470001  
Conc: 20.24 ug/ml



#12 Fluoranthene (C21.85)

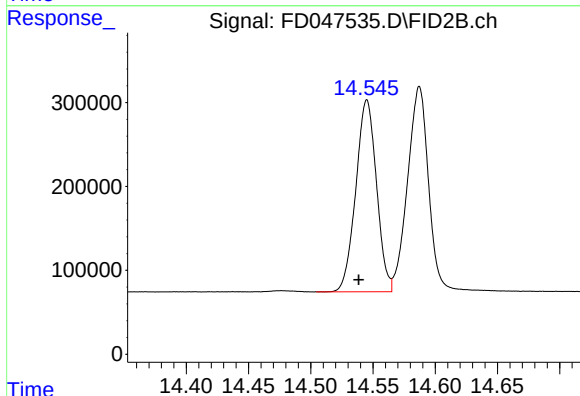
R.T.: 12.384 min  
Delta R.T.: 0.004 min  
Response: 2998750  
Conc: 20.29 ug/ml



#13 Pyrene (C20.8)

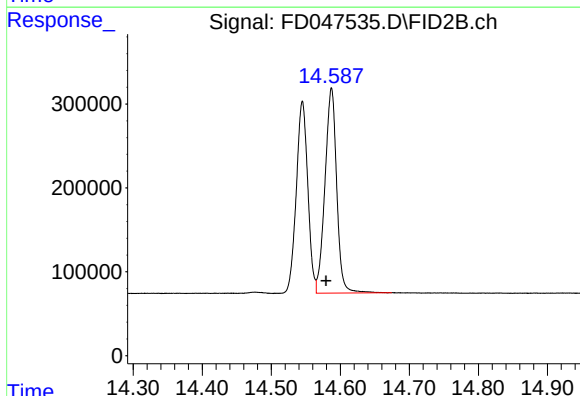
R.T.: 12.678 min  
Delta R.T.: 0.004 min  
Response: 2915638  
Conc: 20.20 ug/ml

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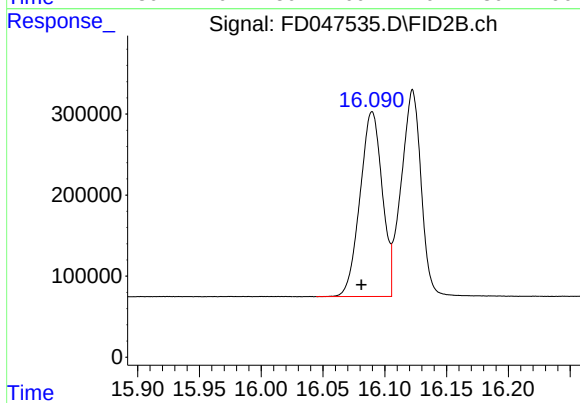
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.545 min  
Delta R.T.: 0.007 min  
Response: 2645258  
Conc: 20.11 ug/ml



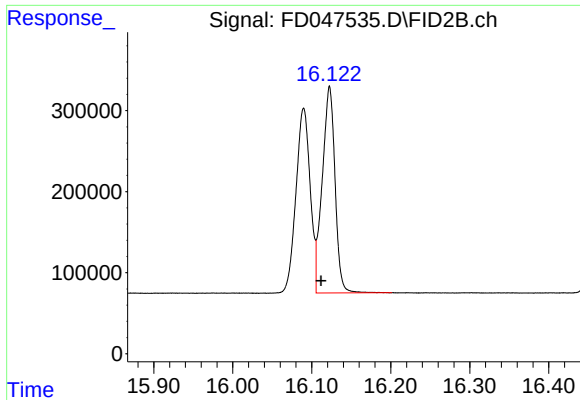
#15 Chrysene (C27.41)

R.T.: 14.587 min  
Delta R.T.: 0.008 min  
Response: 2885584  
Conc: 20.46 ug/ml



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

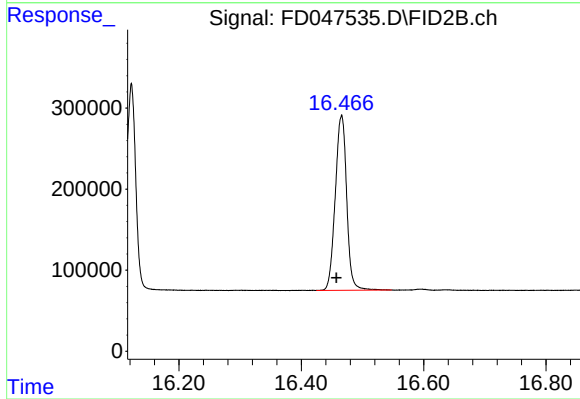
R.T.: 16.090 min  
Delta R.T.: 0.009 min  
Response: 2853029  
Conc: 20.45 ug/ml



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

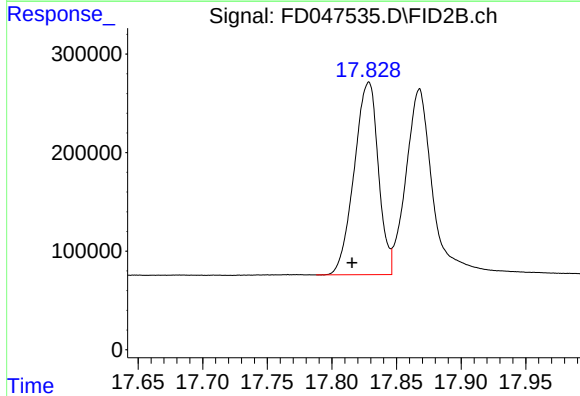
R.T.: 16.122 min  
Delta R.T.: 0.011 min  
Response: 2871699  
Conc: 20.65 ug/ml

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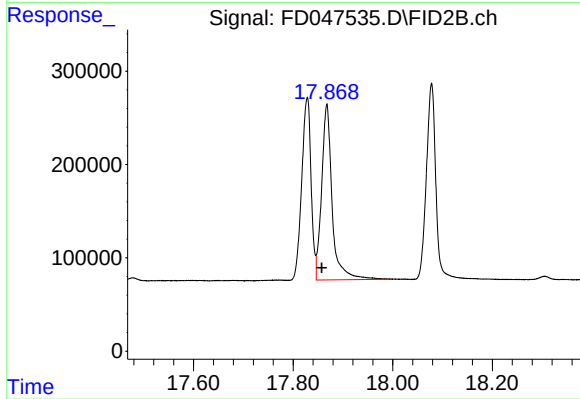
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.466 min  
Delta R.T.: 0.008 min  
Response: 2795411  
Conc: 20.36 ug/ml



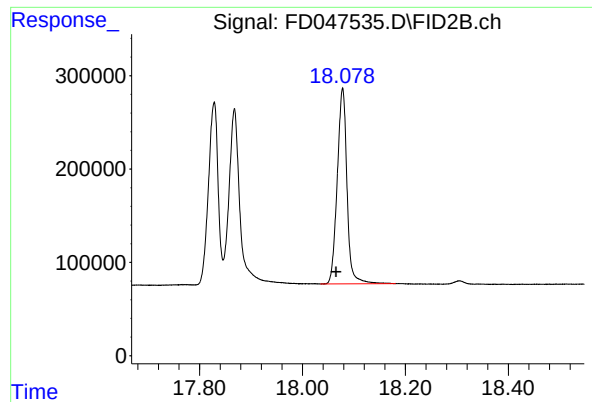
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.828 min  
Delta R.T.: 0.012 min  
Response: 2544002  
Conc: 18.86 ug/ml



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

R.T.: 17.868 min  
Delta R.T.: 0.010 min  
Response: 2763607  
Conc: 20.56 ug/ml



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

R.T.: 18.078 min  
Delta R.T.: 0.012 min  
Response: 2754889  
Conc: 19.85 ug/ml

Instrument :

FID\_D

ClientSampleId :

20 PPM AROMATIC HC STD