

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD100325AR\  
 Data File : FD049814.D  
 Signal(s) : FID2B.ch  
 Acq On : 03 Oct 2025 10:19  
 Operator : YP/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 53 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Oct 04 04:17:11 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 100225.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Oct 02 17:50:17 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...      | 7.699  | 2515942    | 21.175 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 42.35%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.563  | 1792968    | 21.119 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 42.24%       |
| 11) S ortho-Terphenyl (SURR)       | 11.609 | 3139292    | 21.029 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 42.06%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.492  | 2389570    | 21.027 ug/ml |
| 2) T Naphthalene (C11.7)           | 6.034  | 2781803    | 21.084 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.088  | 2912538    | 21.050 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.367  | 3056804    | 20.922 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.663  | 3064094    | 21.043 ug/ml |
| 8) T Flouorene (C16.55)            | 9.444  | 3067168    | 21.003 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.841 | 3069682    | 20.999 ug/ml |
| 10) T Anthracene (C19.43)          | 10.916 | 2660462    | 19.578 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.655 | 3001748    | 21.070 ug/ml |
| 13) T Pyrene (C20.8)               | 12.953 | 2969937    | 21.127 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.824 | 2617264    | 20.810 ug/ml |
| 15) T Chrysene (C27.41)            | 14.867 | 2700462    | 21.020 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.375 | 2622357    | 21.052 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.407 | 2473488    | 21.057 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.753 | 2515850    | 20.731 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.117 | 2333681    | 20.755 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.158 | 2738700    | 22.401 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.373 | 2487980    | 20.802 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

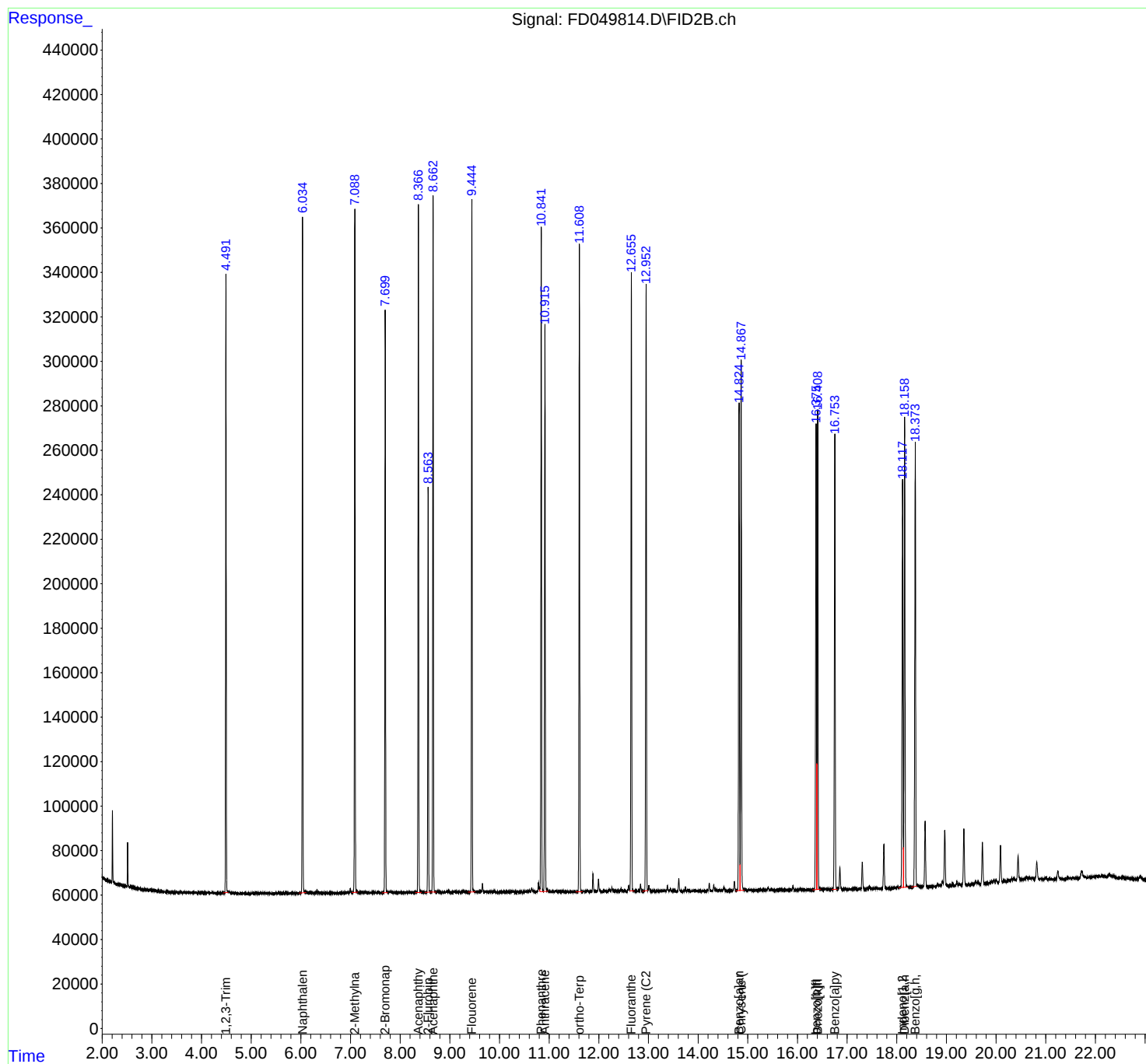
(m)=manual int.

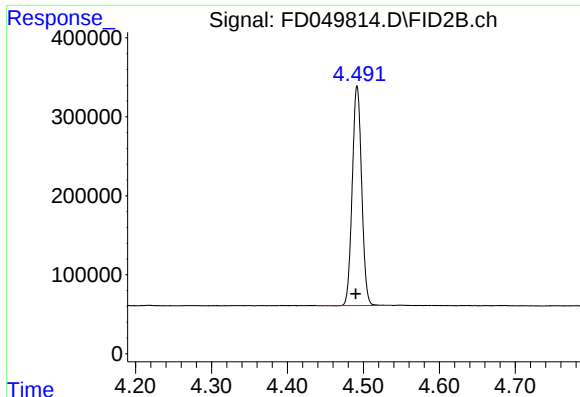
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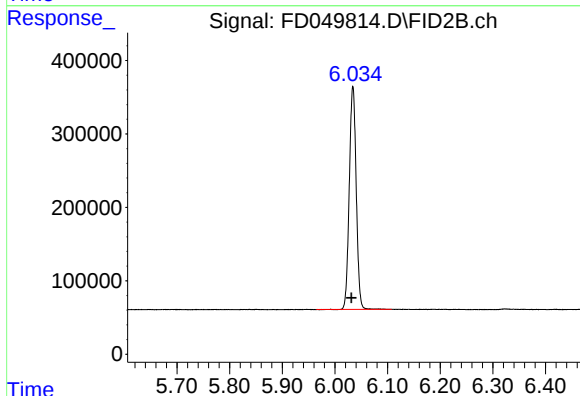




#1 1,2,3-Trimethylbenzene (C10.1)

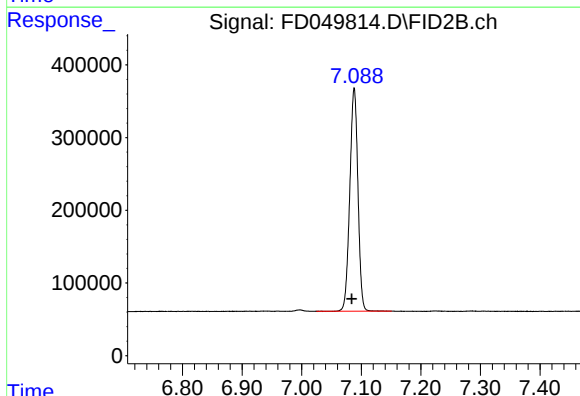
R.T.: 4.492 min  
Delta R.T.: 0.002 min  
Response: 2389570  
Conc: 21.03 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



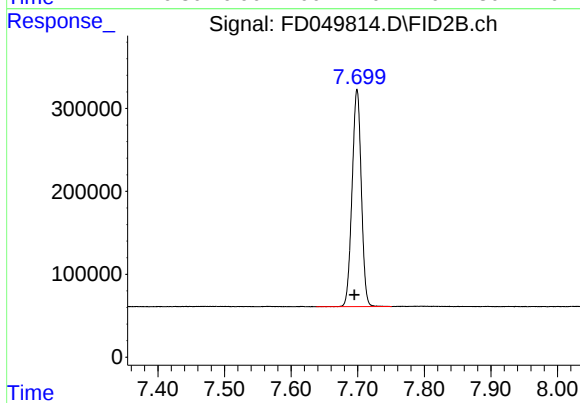
#2 Naphthalene (C11.7)

R.T.: 6.034 min  
Delta R.T.: 0.003 min  
Response: 2781803  
Conc: 21.08 ug/ml



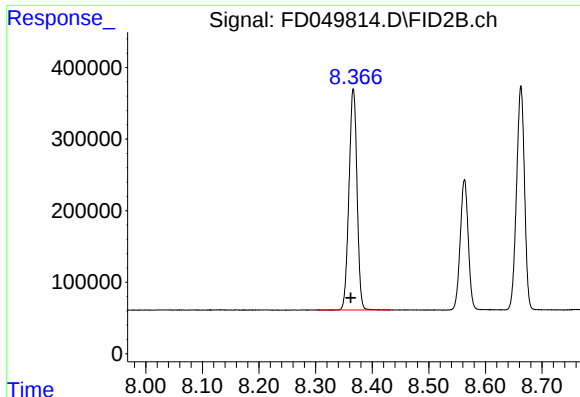
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.088 min  
Delta R.T.: 0.004 min  
Response: 2912538  
Conc: 21.05 ug/ml



#4 2-Bromonaphthalene (SURR)

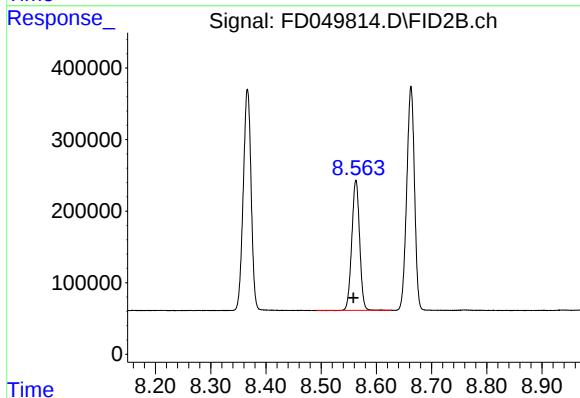
R.T.: 7.699 min  
Delta R.T.: 0.004 min  
Response: 2515942  
Conc: 21.18 ug/ml



#5 Acenaphthylene (C15.06)

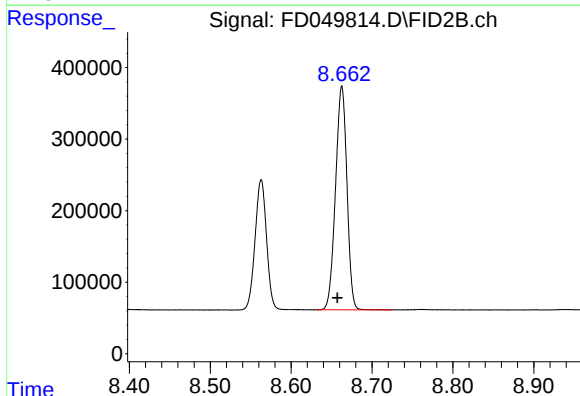
R.T.: 8.367 min  
Delta R.T.: 0.005 min  
Response: 3056804  
Conc: 20.92 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



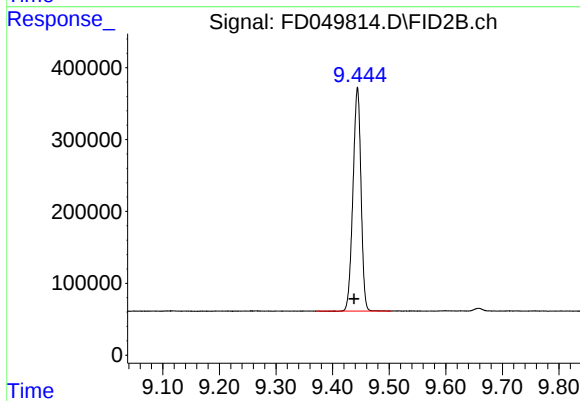
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.563 min  
Delta R.T.: 0.004 min  
Response: 1792968  
Conc: 21.12 ug/ml



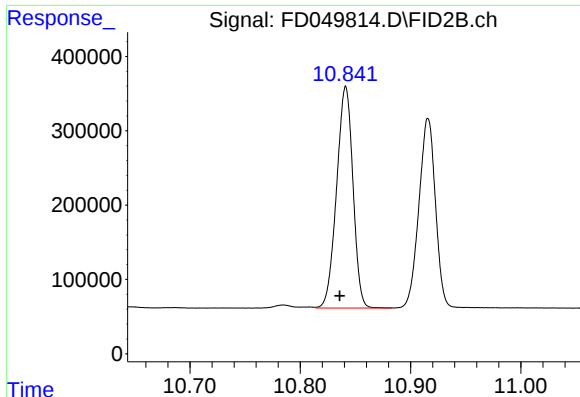
#7 Acenaphthene (C15.5)

R.T.: 8.663 min  
Delta R.T.: 0.006 min  
Response: 3064094  
Conc: 21.04 ug/ml



#8 Fluorene (C16.55)

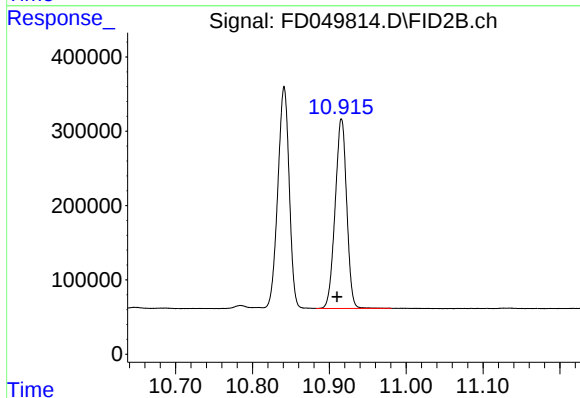
R.T.: 9.444 min  
Delta R.T.: 0.006 min  
Response: 3067168  
Conc: 21.00 ug/ml



#9 Phenanthrene (C19.36)

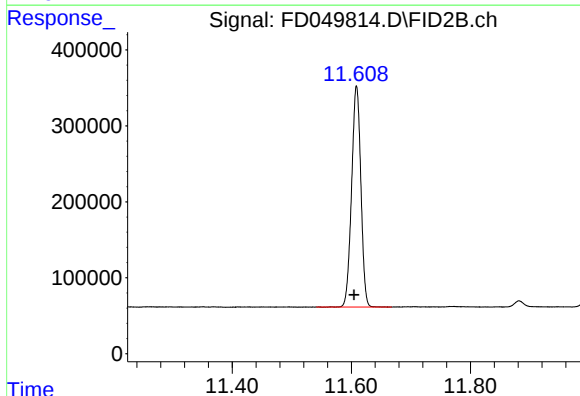
R.T.: 10.841 min  
Delta R.T.: 0.005 min  
Response: 3069682  
Conc: 21.00 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



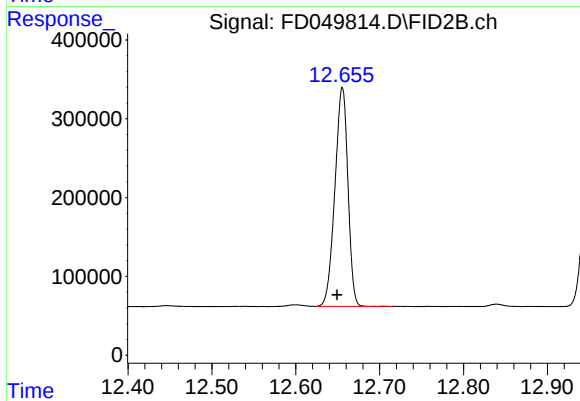
#10 Anthracene (C19.43)

R.T.: 10.916 min  
Delta R.T.: 0.006 min  
Response: 2660462  
Conc: 19.58 ug/ml



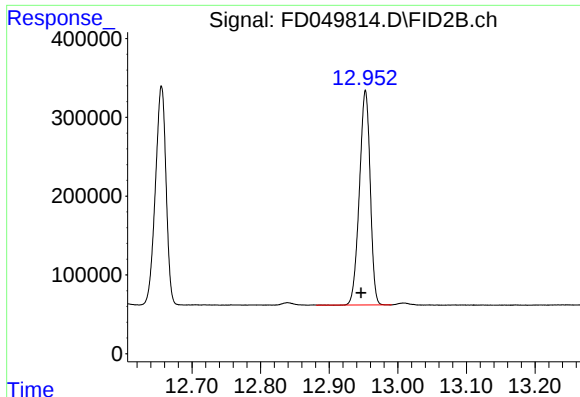
#11 ortho-Terphenyl (SURR)

R.T.: 11.609 min  
Delta R.T.: 0.004 min  
Response: 3139292  
Conc: 21.03 ug/ml



#12 Fluoranthene (C21.85)

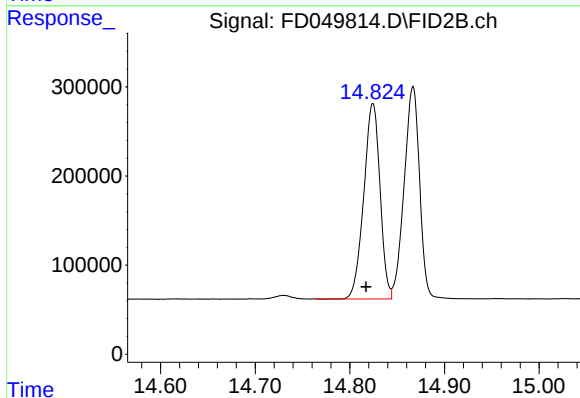
R.T.: 12.655 min  
Delta R.T.: 0.006 min  
Response: 3001748  
Conc: 21.07 ug/ml



#13 Pyrene (C20.8)

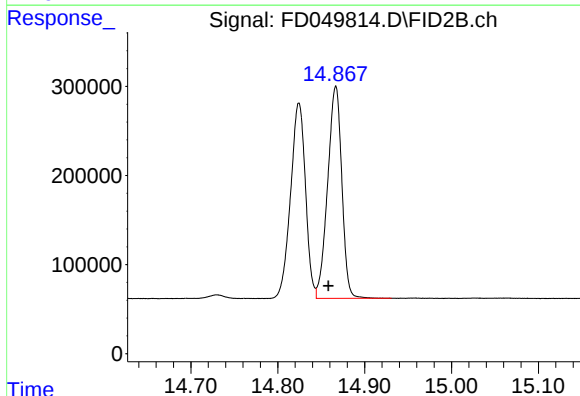
R.T.: 12.953 min  
Delta R.T.: 0.006 min  
Response: 2969937  
Conc: 21.13 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



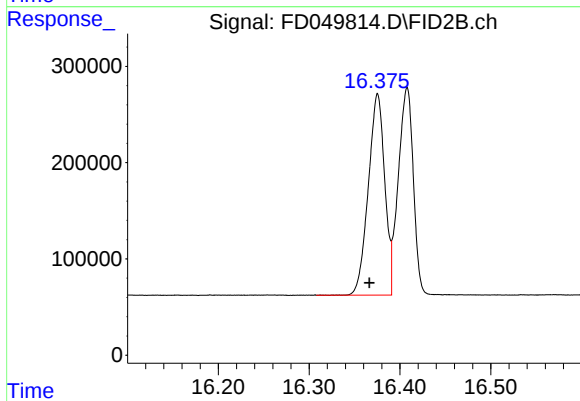
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.824 min  
Delta R.T.: 0.007 min  
Response: 2617264  
Conc: 20.81 ug/ml



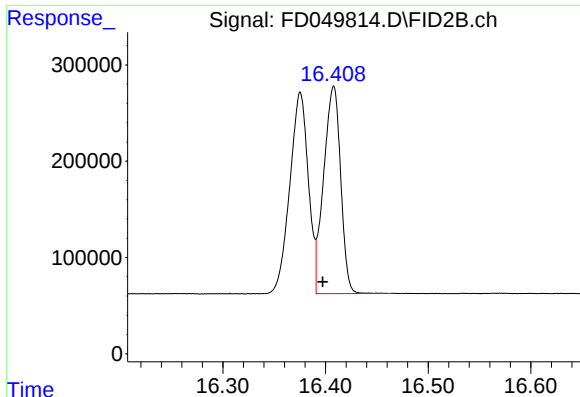
#15 Chrysene (C27.41)

R.T.: 14.867 min  
Delta R.T.: 0.008 min  
Response: 2700462  
Conc: 21.02 ug/ml



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

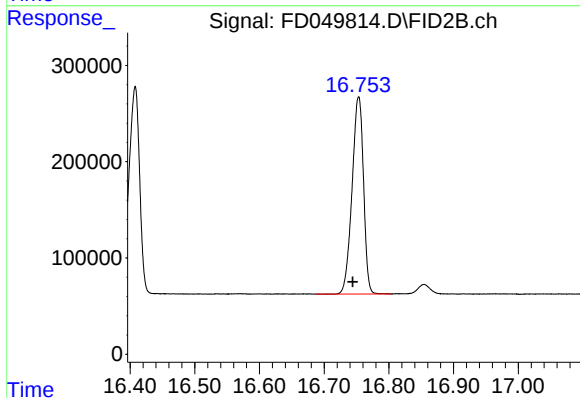
R.T.: 16.375 min  
Delta R.T.: 0.009 min  
Response: 2622357  
Conc: 21.05 ug/ml



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

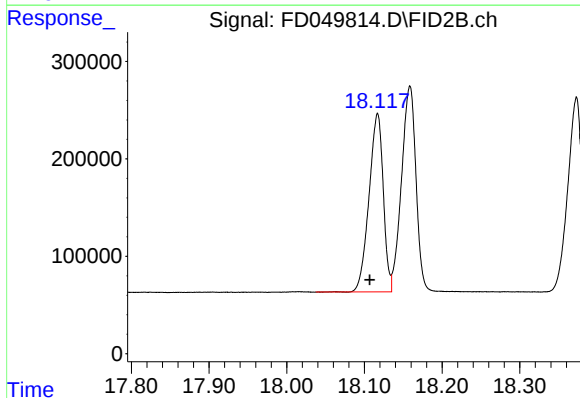
R.T.: 16.407 min  
Delta R.T.: 0.010 min  
Response: 2473488  
Conc: 21.06 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



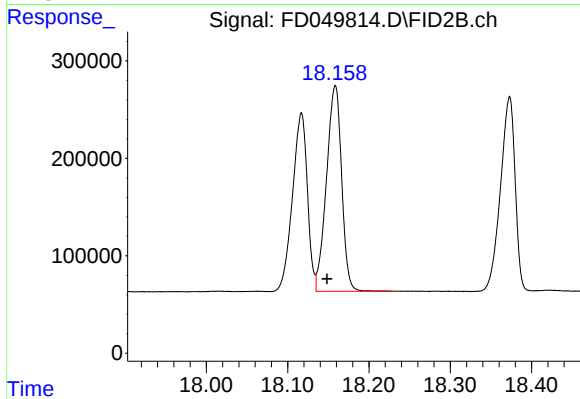
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.753 min  
Delta R.T.: 0.009 min  
Response: 2515850  
Conc: 20.73 ug/ml



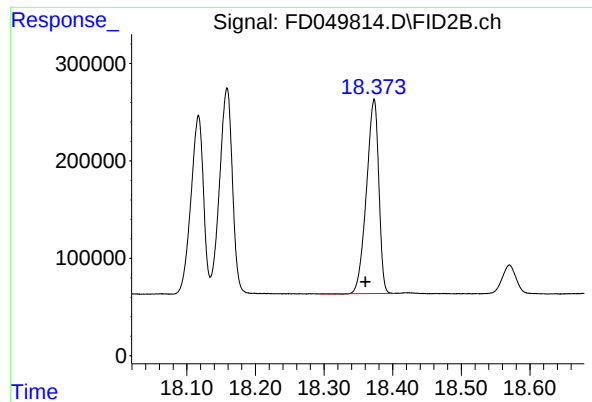
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.117 min  
Delta R.T.: 0.010 min  
Response: 2333681  
Conc: 20.76 ug/ml



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

R.T.: 18.158 min  
Delta R.T.: 0.010 min  
Response: 2738700  
Conc: 22.40 ug/ml



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

R.T.: 18.373 min  
Delta R.T.: 0.013 min  
Response: 2487980  
Conc: 20.80 ug/ml

Instrument :

FID\_E

ClientSampleId :