

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD090624AR\  
 Data File : FD048285.D  
 Signal(s) : FID2B.ch  
 Acq On : 06 Sep 2024 12:47  
 Operator : YP/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 66 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Sep 06 13:40:50 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 090624.M  
 Quant Title : GC Extractables  
 Qlast Update : Fri Sep 06 11:53:01 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...      | 7.392  | 2934100    | 19.346 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 38.69%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.243  | 1882791    | 19.705 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 39.41%       |
| 11) S ortho-Terphenyl (SURR)       | 11.278 | 3325723    | 19.384 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 38.77%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.212  | 3403499    | 19.293 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.732  | 3526714    | 19.502 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.779  | 3455988    | 19.317 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.045  | 3393291    | 19.422 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.339  | 3449747    | 19.397 ug/ml |
| 8) T Flouorene (C16.55)            | 9.118  | 3265149    | 19.499 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.505 | 3122618    | 19.341 ug/ml |
| 10) T Anthracene (C19.43)          | 10.580 | 3048429    | 19.157 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.309 | 3112686    | 19.201 ug/ml |
| 13) T Pyrene (C20.8)               | 12.602 | 3079020    | 19.203 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.470 | 2745339    | 19.599 ug/ml |
| 15) T Chrysene (C27.41)            | 14.510 | 3130237    | 19.004 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.016 | 2904356    | 19.548 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.046 | 2915017    | 18.927 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.391 | 2882416    | 19.482 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.754 | 2027859    | 17.947 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.795 | 2788931    | 18.275 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.002 | 2710367    | 18.388 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

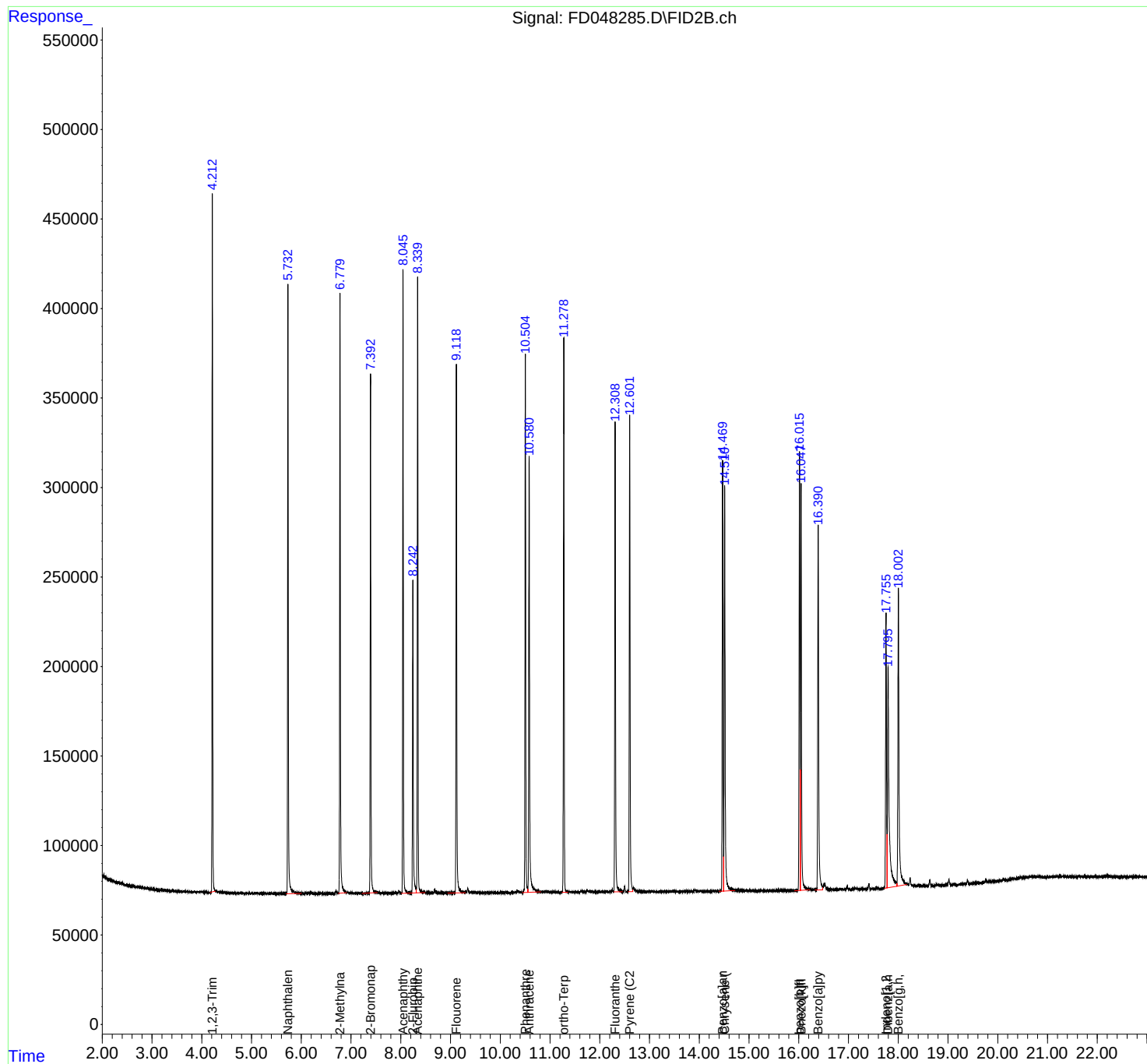
(m)=manual int.

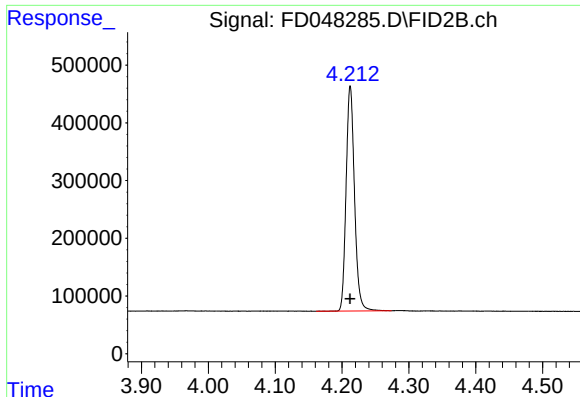
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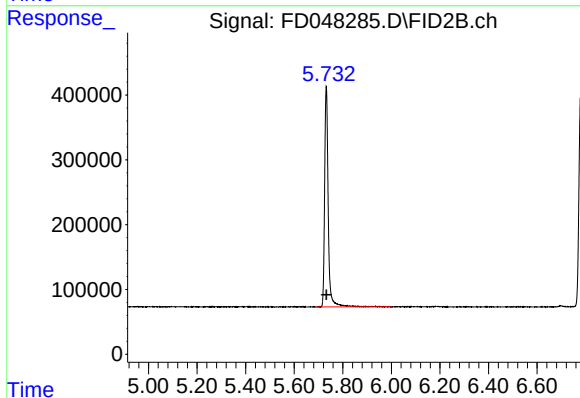




#1 1,2,3-Trimethylbenzene (C10.1)

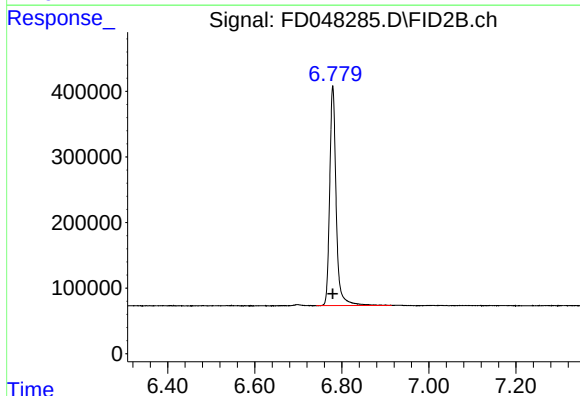
R.T.: 4.212 min  
Delta R.T.: 0.000 min  
Response: 3403499  
Conc: 19.29 ug/ml

Instrument :  
FID\_D  
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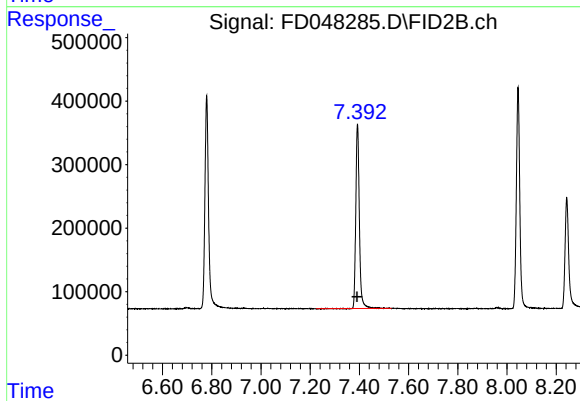
#2 Naphthalene (C11.7)

R.T.: 5.732 min  
Delta R.T.: 0.000 min  
Response: 3526714  
Conc: 19.50 ug/ml



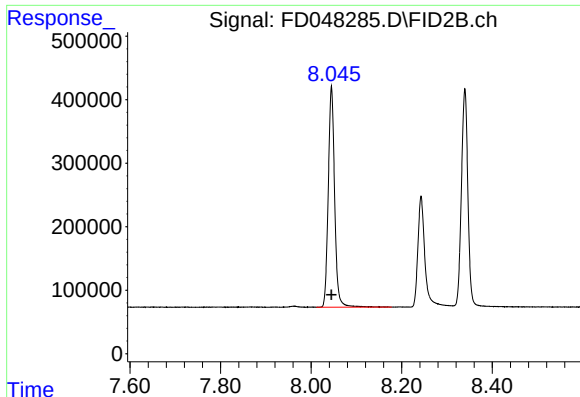
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.779 min  
Delta R.T.: 0.000 min  
Response: 3455988  
Conc: 19.32 ug/ml



#4 2-Bromonaphthalene (SURR)

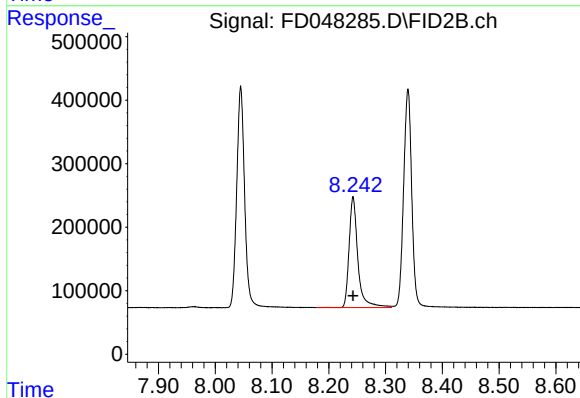
R.T.: 7.392 min  
Delta R.T.: 0.000 min  
Response: 2934100  
Conc: 19.35 ug/ml



#5 Acenaphthylene (C15.06)

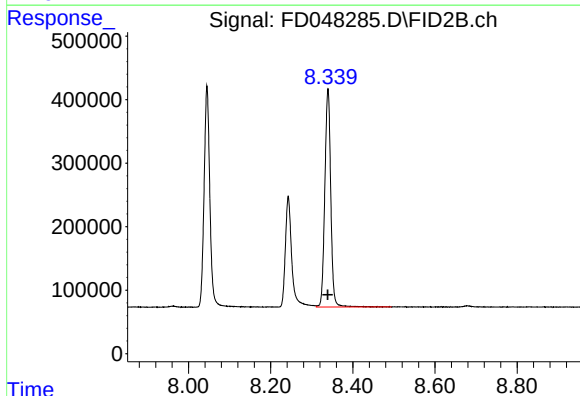
R.T.: 8.045 min  
Delta R.T.: 0.000 min  
Response: 3393291  
Conc: 19.42 ug/ml

Instrument :  
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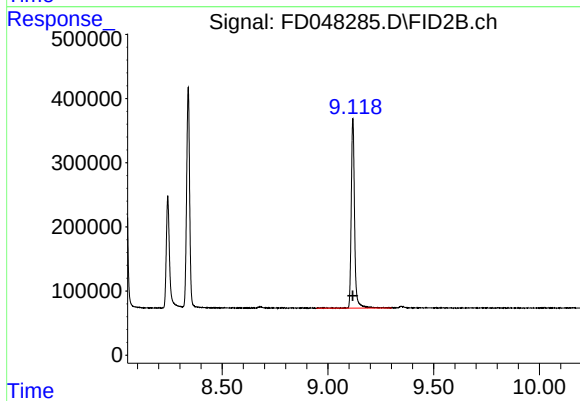
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.243 min  
Delta R.T.: 0.000 min  
Response: 1882791  
Conc: 19.70 ug/ml



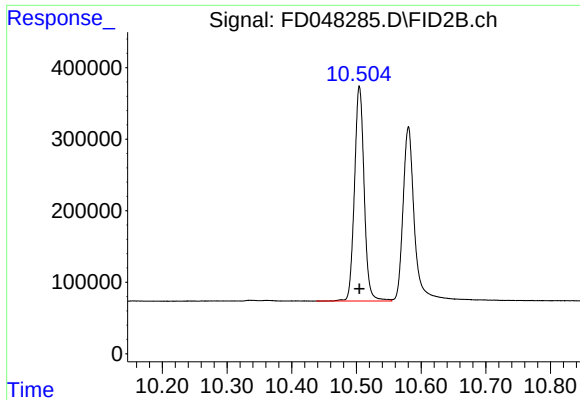
#7 Acenaphthene (C15.5)

R.T.: 8.339 min  
Delta R.T.: 0.000 min  
Response: 3449747  
Conc: 19.40 ug/ml



#8 Fluorene (C16.55)

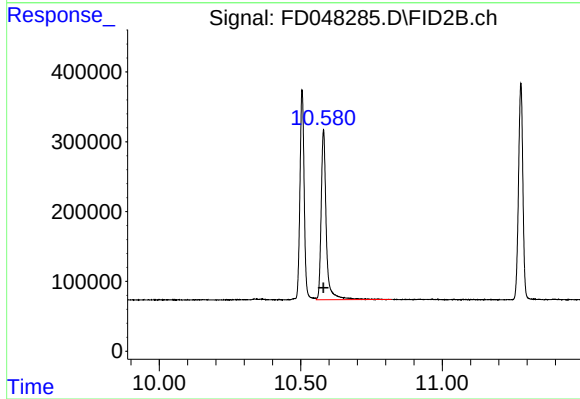
R.T.: 9.118 min  
Delta R.T.: 0.000 min  
Response: 3265149  
Conc: 19.50 ug/ml



#9 Phenanthrene (C19.36)

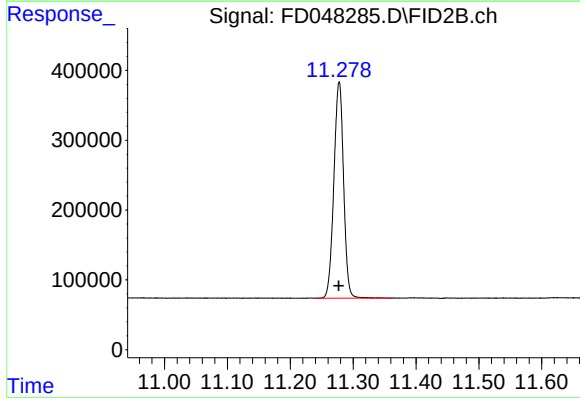
R.T.: 10.505 min  
Delta R.T.: 0.000 min  
Response: 3122618  
Conc: 19.34 ug/ml

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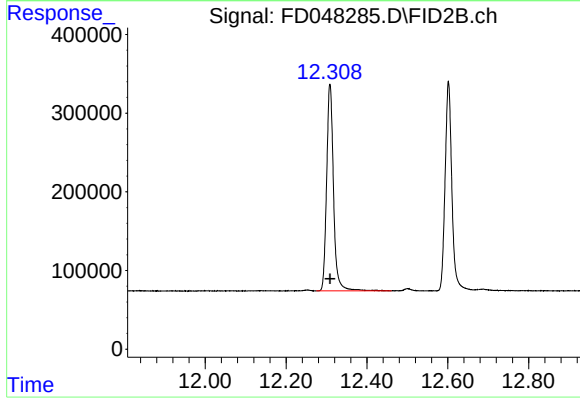
#10 Anthracene (C19.43)

R.T.: 10.580 min  
Delta R.T.: 0.000 min  
Response: 3048429  
Conc: 19.16 ug/ml



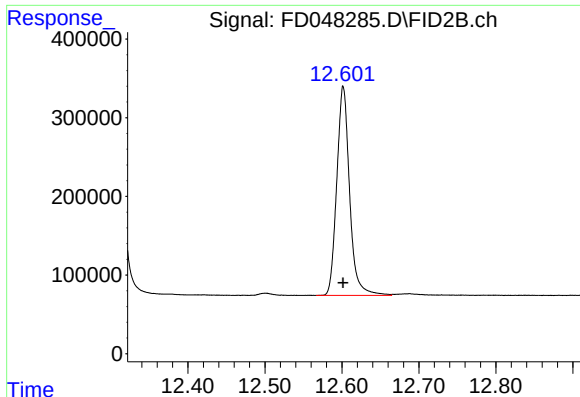
#11 ortho-Terphenyl (SURR)

R.T.: 11.278 min  
Delta R.T.: 0.000 min  
Response: 3325723  
Conc: 19.38 ug/ml



#12 Fluoranthene (C21.85)

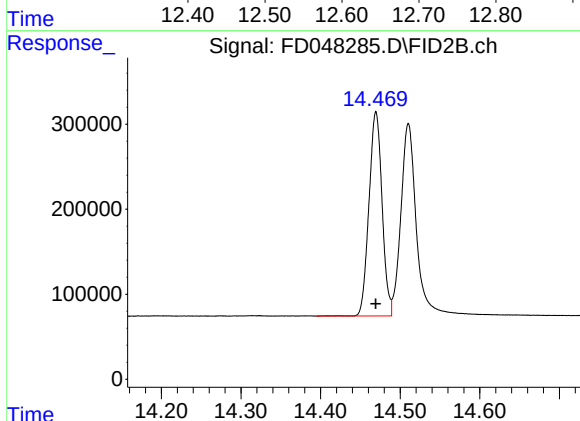
R.T.: 12.309 min  
Delta R.T.: 0.000 min  
Response: 3112686  
Conc: 19.20 ug/ml



#13 Pyrene (C20.8)

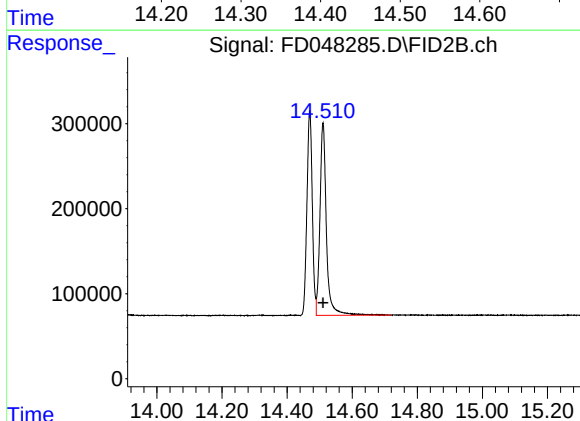
R.T.: 12.602 min  
Delta R.T.: 0.000 min  
Response: 3079020  
Conc: 19.20 ug/ml

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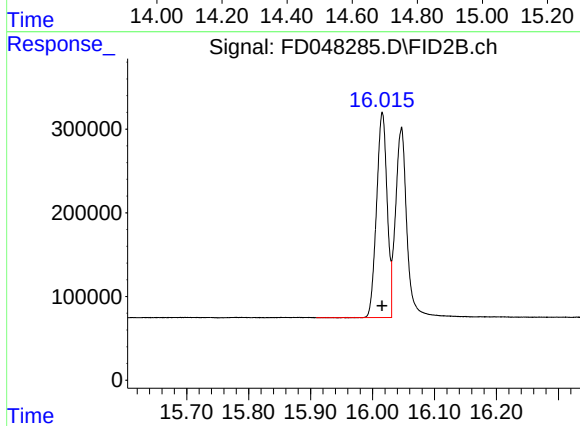
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.470 min  
Delta R.T.: 0.000 min  
Response: 2745339  
Conc: 19.60 ug/ml



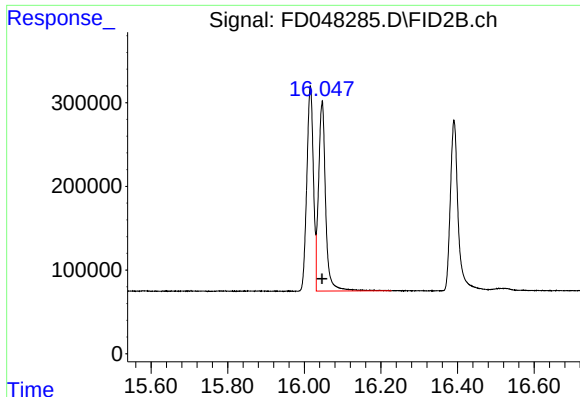
#15 Chrysene (C27.41)

R.T.: 14.510 min  
Delta R.T.: 0.000 min  
Response: 3130237  
Conc: 19.00 ug/ml



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

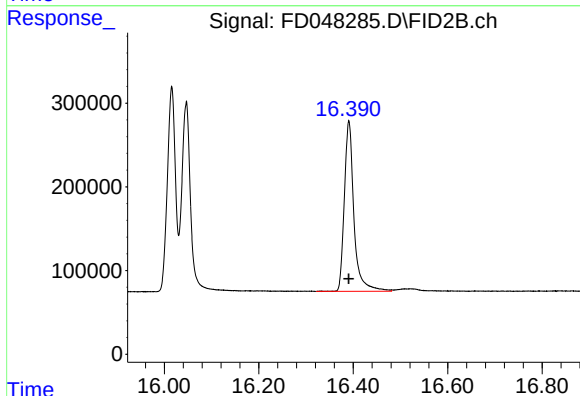
R.T.: 16.016 min  
Delta R.T.: 0.000 min  
Response: 2904356  
Conc: 19.55 ug/ml



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

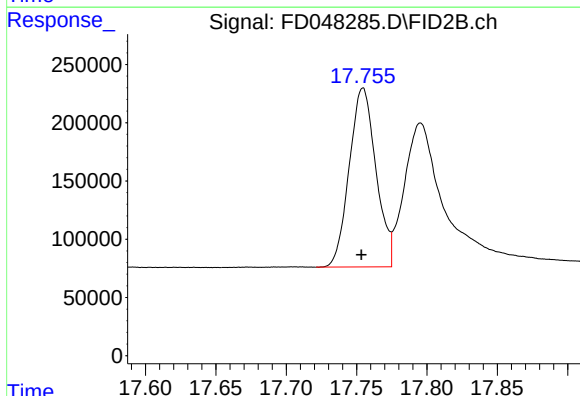
R.T.: 16.046 min  
Delta R.T.: 0.000 min  
Response: 2915017  
Conc: 18.93 ug/ml

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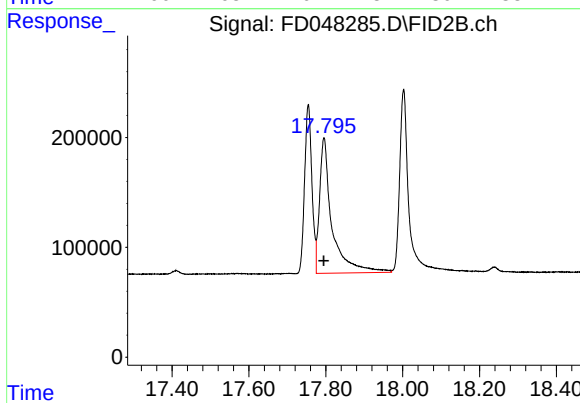
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.391 min  
Delta R.T.: 0.000 min  
Response: 2882416  
Conc: 19.48 ug/ml



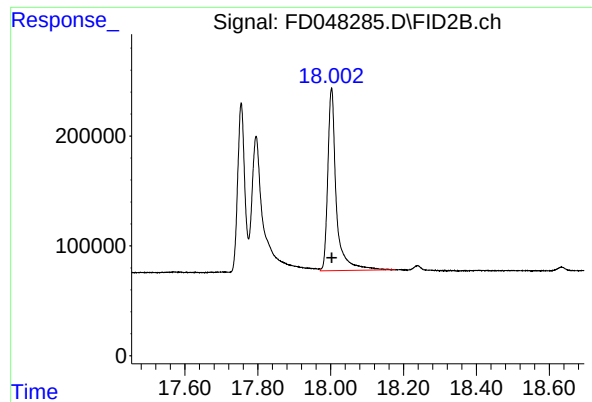
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.754 min  
Delta R.T.: 0.001 min  
Response: 2027859  
Conc: 17.95 ug/ml



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

R.T.: 17.795 min  
Delta R.T.: 0.000 min  
Response: 2788931  
Conc: 18.27 ug/ml



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

R.T.: 18.002 min  
Delta R.T.: 0.000 min  
Response: 2710367  
Conc: 18.39 ug/ml

Instrument :

FID\_D

ClientSampleId :

20 PPM AROMATIC HC STD