

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD111224AR\  
 Data File : FD048713.D  
 Signal(s) : FID2B.ch  
 Acq On : 12 Nov 2024 13:43  
 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: Nov 13 13:00:08 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 102324.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 23 18:14:59 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...      | 7.369  | 3186255    | 20.993 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 41.99%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.220  | 2094892    | 21.335 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 42.67%       |
| 11) S ortho-Terphenyl (SURR)       | 11.255 | 3568333    | 20.948 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 41.90%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.192  | 3632571    | 20.880 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.711  | 3751311    | 21.024 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.757  | 3749633    | 20.963 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.023  | 3636976    | 20.713 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.317  | 3697905    | 20.849 ug/ml |
| 8) T Fluorene (C16.55)             | 9.096  | 3585977    | 21.214 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.483 | 3489816    | 21.111 ug/ml |
| 10) T Anthracene (C19.43)          | 10.559 | 3033787    | 18.972 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.287 | 3504795    | 21.296 ug/ml |
| 13) T Pyrene (C20.8)               | 12.580 | 3449255    | 21.414 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.450 | 3200581    | 21.889 ug/ml |
| 15) T Chrysene (C27.41)            | 14.491 | 3327996    | 20.232 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 15.997 | 3342193    | 21.984 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.029 | 3312697    | 22.040 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.373 | 3307696    | 21.979 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.738 | 2942687    | 22.553 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.778 | 3661470    | 22.500 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 17.988 | 3212583    | 20.985 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

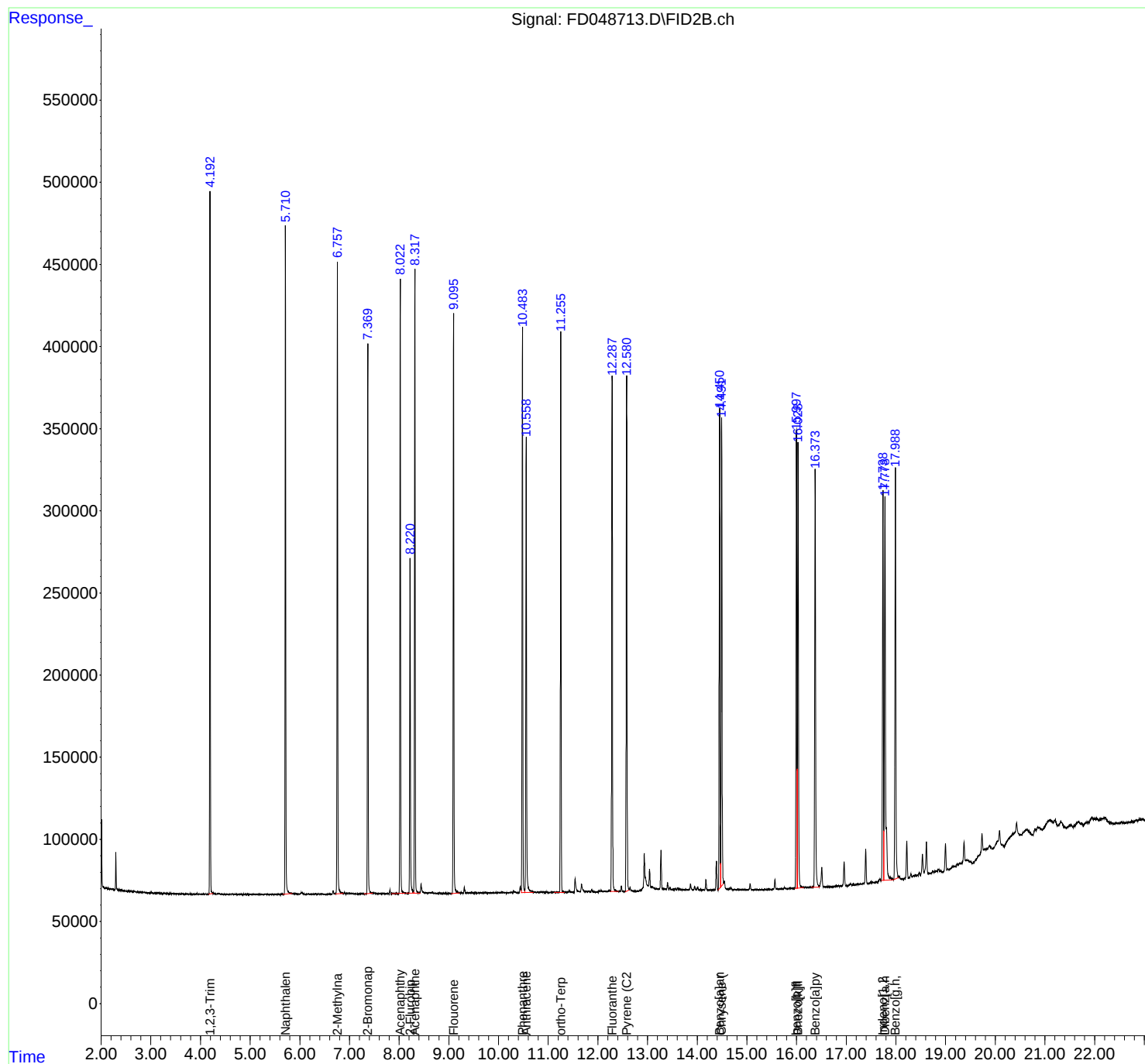
(m)=manual int.

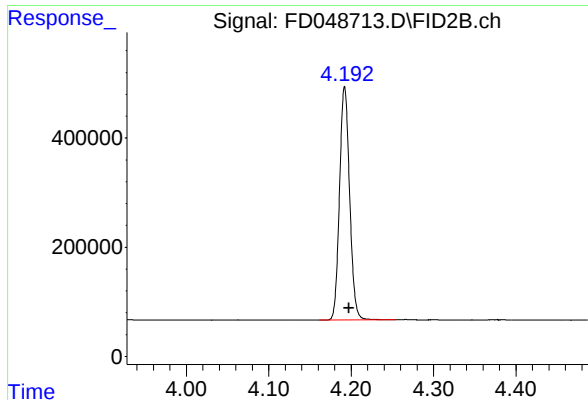
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD111224AR\  
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Volume Inj. : 1 µl  
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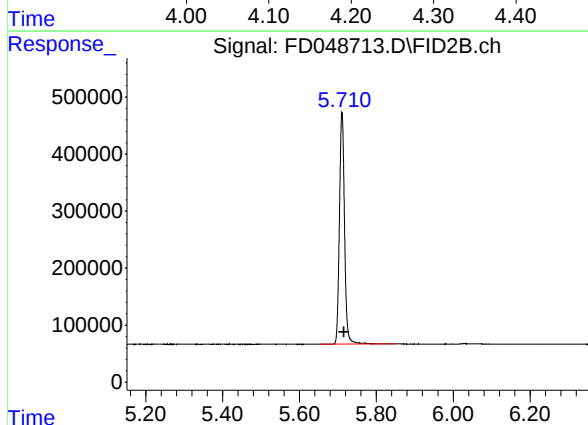




#1 1,2,3-Trimethylbenzene (C10.1)

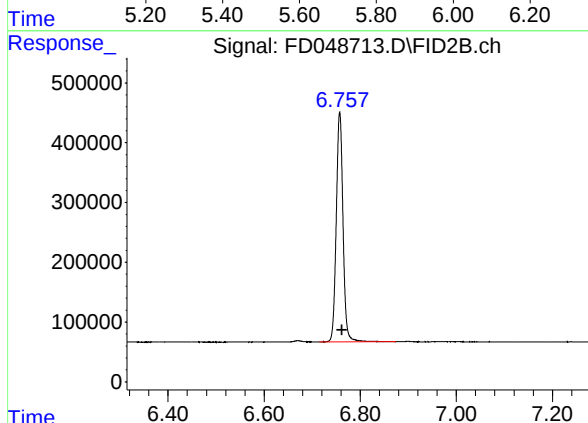
R.T.: 4.192 min  
Delta R.T.: -0.005 min  
Response: 3632571  
Conc: 20.88 ug/ml

Instrument :  
FID\_D  
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20 PPM AROMATIC HC STD



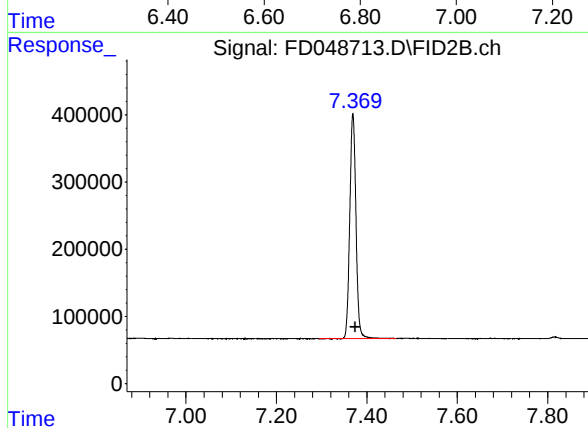
#2 Naphthalene (C11.7)

R.T.: 5.711 min  
Delta R.T.: -0.005 min  
Response: 3751311  
Conc: 21.02 ug/ml



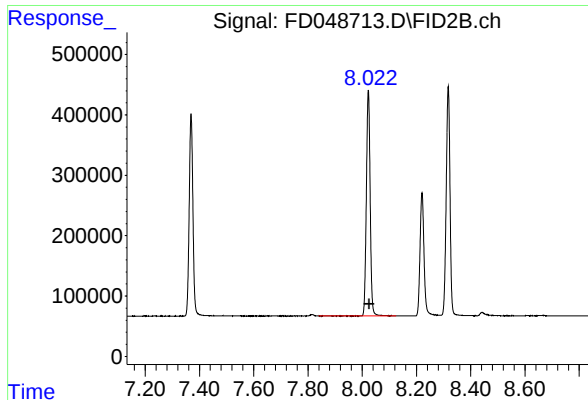
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.757 min  
Delta R.T.: -0.005 min  
Response: 3749633  
Conc: 20.96 ug/ml



#4 2-Bromonaphthalene (SURR)

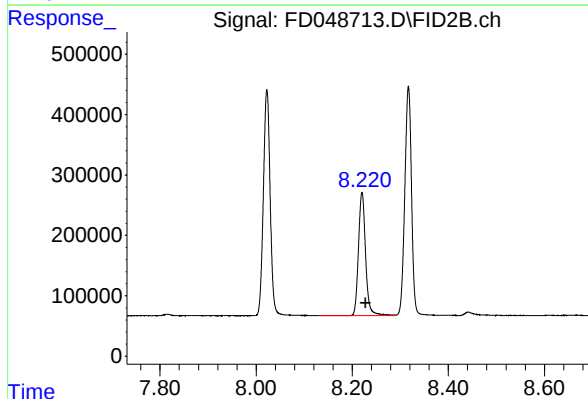
R.T.: 7.369 min  
Delta R.T.: -0.005 min  
Response: 3186255  
Conc: 20.99 ug/ml



#5 Acenaphthylene (C15.06)

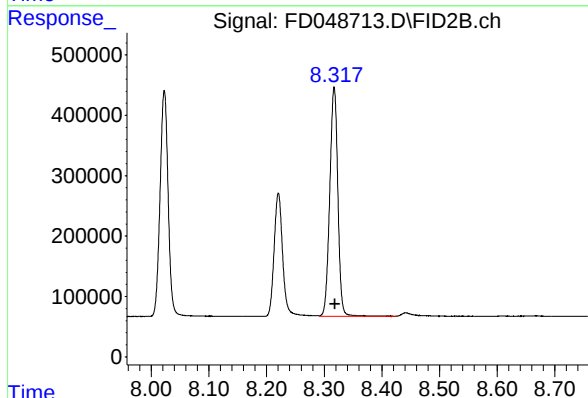
R.T.: 8.023 min  
Delta R.T.: -0.004 min  
Response: 3636976  
Conc: 20.71 ug/ml

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



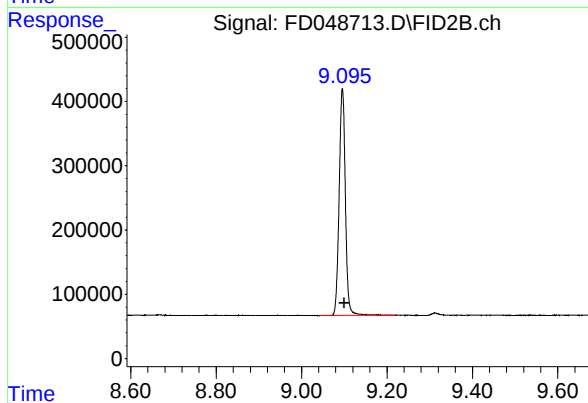
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.220 min  
Delta R.T.: -0.008 min  
Response: 2094892  
Conc: 21.33 ug/ml



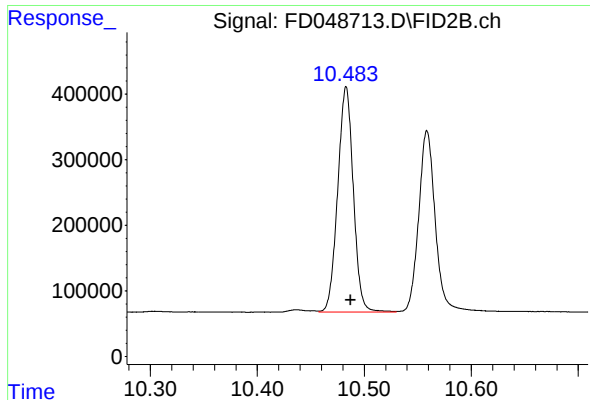
#7 Acenaphthene (C15.5)

R.T.: 8.317 min  
Delta R.T.: -0.001 min  
Response: 3697905  
Conc: 20.85 ug/ml



#8 Fluorene (C16.55)

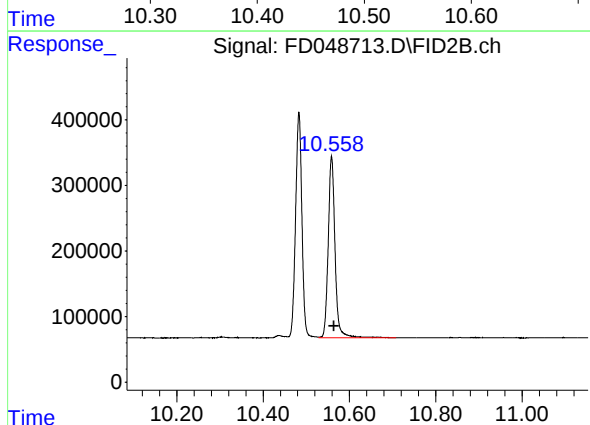
R.T.: 9.096 min  
Delta R.T.: -0.005 min  
Response: 3585977  
Conc: 21.21 ug/ml



#9 Phenanthrene (C19.36)

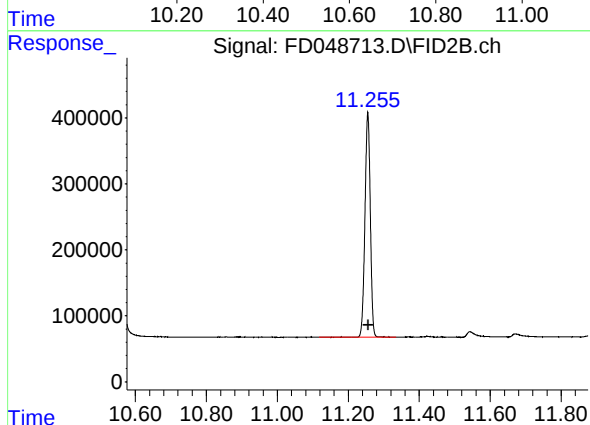
R.T.: 10.483 min  
Delta R.T.: -0.004 min  
Response: 3489816  
Conc: 21.11 ug/ml

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



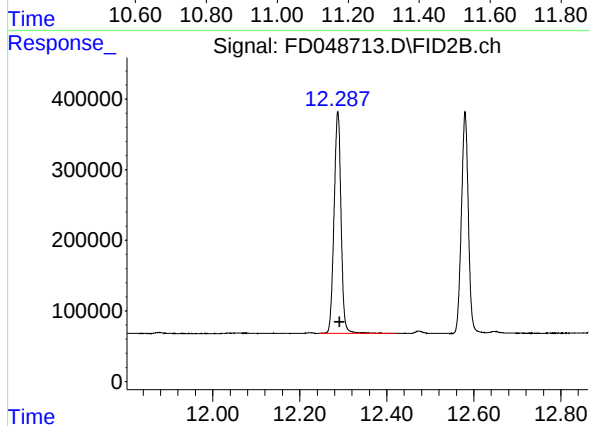
#10 Anthracene (C19.43)

R.T.: 10.559 min  
Delta R.T.: -0.006 min  
Response: 3033787  
Conc: 18.97 ug/ml



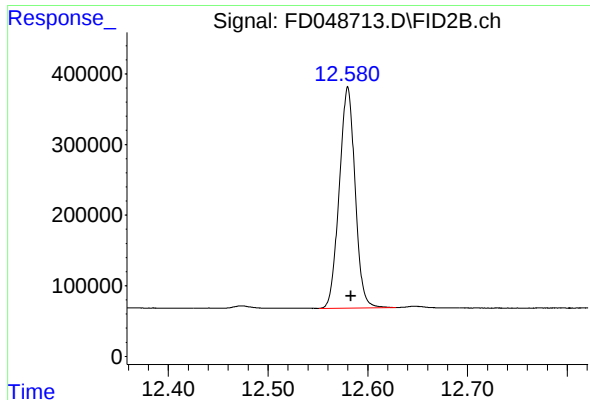
#11 ortho-Terphenyl (SURR)

R.T.: 11.255 min  
Delta R.T.: -0.002 min  
Response: 3568333  
Conc: 20.95 ug/ml



#12 Fluoranthene (C21.85)

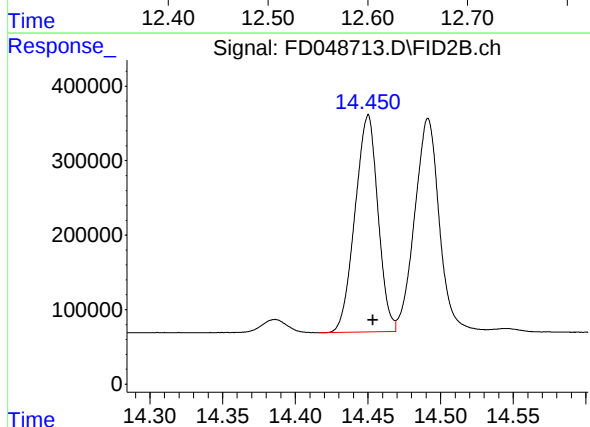
R.T.: 12.287 min  
Delta R.T.: -0.004 min  
Response: 3504795  
Conc: 21.30 ug/ml



#13 Pyrene (C20.8)

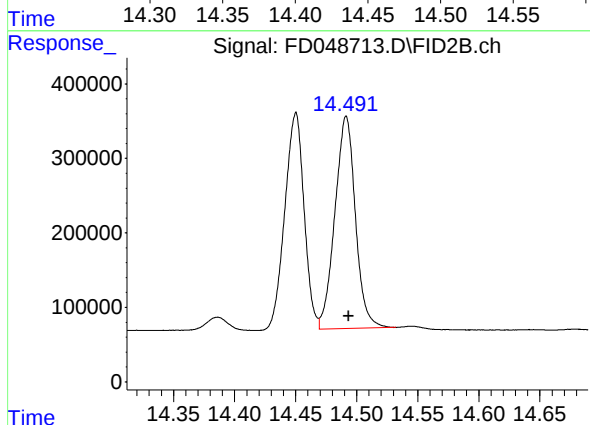
R.T.: 12.580 min  
Delta R.T.: -0.003 min  
Response: 3449255  
Conc: 21.41 ug/ml

Instrument :  
FID\_D  
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20 PPM AROMATIC HC STD



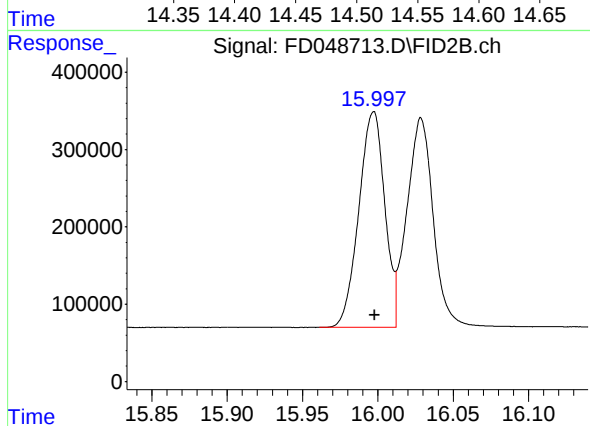
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.450 min  
Delta R.T.: -0.003 min  
Response: 3200581  
Conc: 21.89 ug/ml



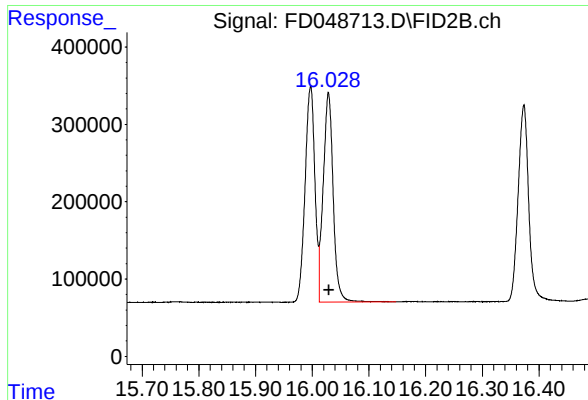
#15 Chrysene (C27.41)

R.T.: 14.491 min  
Delta R.T.: -0.002 min  
Response: 3327996  
Conc: 20.23 ug/ml



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

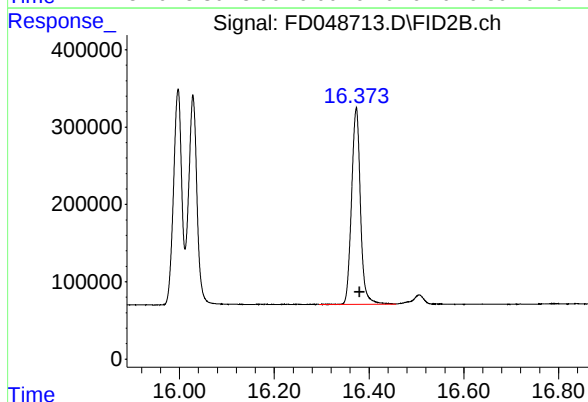
R.T.: 15.997 min  
Delta R.T.: -0.001 min  
Response: 3342193  
Conc: 21.98 ug/ml



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

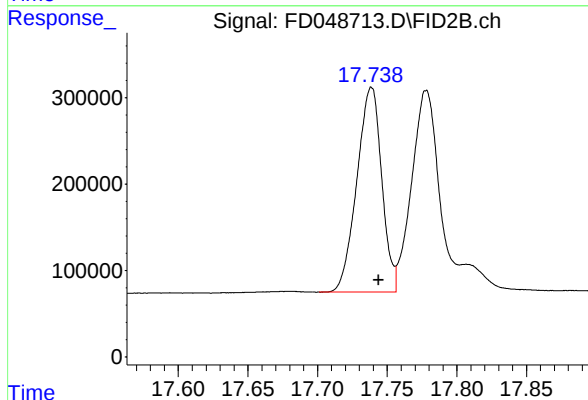
R.T.: 16.029 min  
Delta R.T.: -0.001 min  
Response: 3312697  
Conc: 22.04 ug/ml

Instrument :  
FID\_D  
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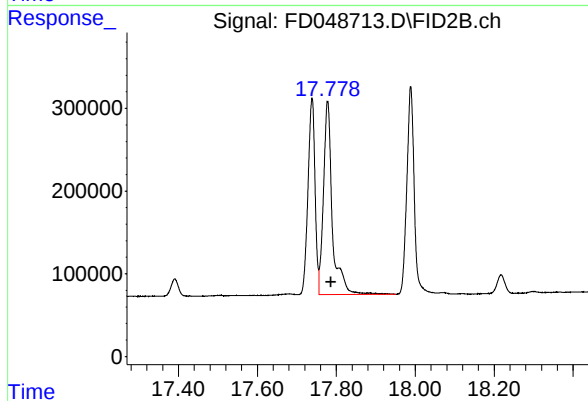
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.373 min  
Delta R.T.: -0.008 min  
Response: 3307696  
Conc: 21.98 ug/ml



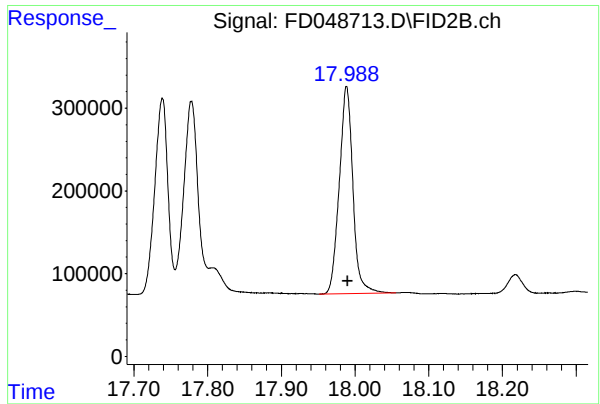
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.738 min  
Delta R.T.: -0.006 min  
Response: 2942687  
Conc: 22.55 ug/ml



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

R.T.: 17.778 min  
Delta R.T.: -0.009 min  
Response: 3661470  
Conc: 22.50 ug/ml



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

R.T.: 17.988 min  
Delta R.T.: -0.001 min  
Response: 3212583  
Conc: 20.98 ug/ml

Instrument :

FID\_D

ClientSampleId :

20 PPM AROMATIC HC STD