

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD120622AR\  
 Data File : FD044615.D  
 Signal(s) : FID2B.ch  
 Acq On : 07 Dec 2022 12:54  
 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: Dec 07 17:03:53 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 112922.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Nov 29 00:29:41 2022  
 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...      | 7.677  | 2622296    | 20.206 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 40.41%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.534  | 1784586    | 20.207 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 40.41%       |
| 11) S ortho-Terphenyl (SURR)       | 11.564 | 3326798    | 20.442 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 40.88%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.496  | 2890666    | 20.256 ug/ml |
| 2) T Naphthalene (C11.7)           | 6.025  | 3037281    | 20.201 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.069  | 3033335    | 20.076 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.339  | 2763455    | 19.879 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.633  | 2965248    | 20.205 ug/ml |
| 8) T Flouorene (C16.55)            | 9.409  | 2923217    | 20.274 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.798 | 2867360    | 20.107 ug/ml |
| 10) T Anthracene (C19.43)          | 10.872 | 2534291    | 18.241 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.599 | 2901842    | 20.356 ug/ml |
| 13) T Pyrene (C20.8)               | 12.895 | 2810746    | 20.197 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.754 | 2597878    | 20.078 ug/ml |
| 15) T Chrysene (C27.41)            | 14.796 | 2896627    | 21.486 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.294 | 2665468    | 20.251 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.326 | 2762308    | 21.213 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.669 | 2536765    | 19.629 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.023 | 2509714    | 19.692 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.065 | 2772626    | 22.036 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.277 | 2558671    | 19.893 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

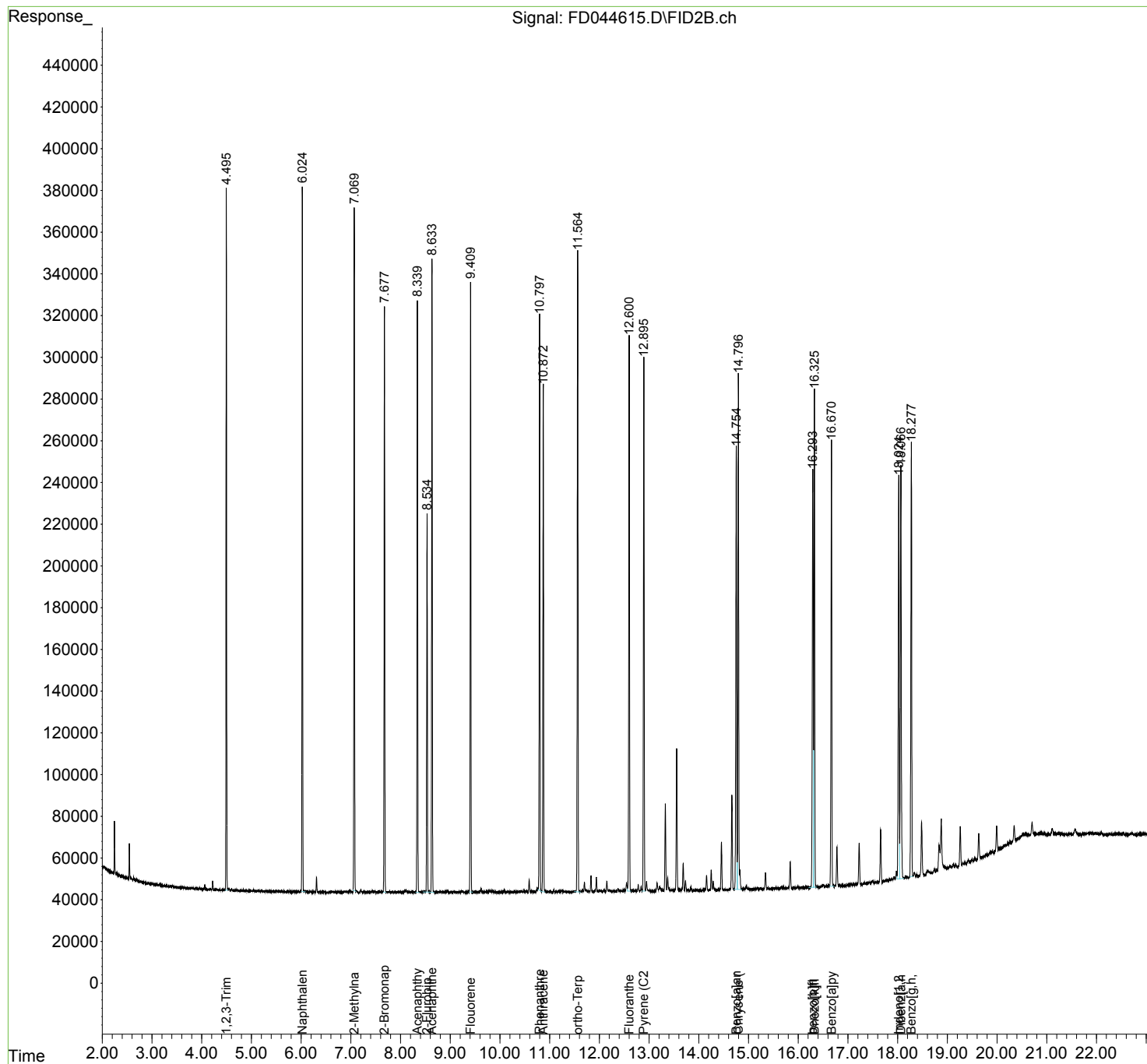
(m)=manual int.

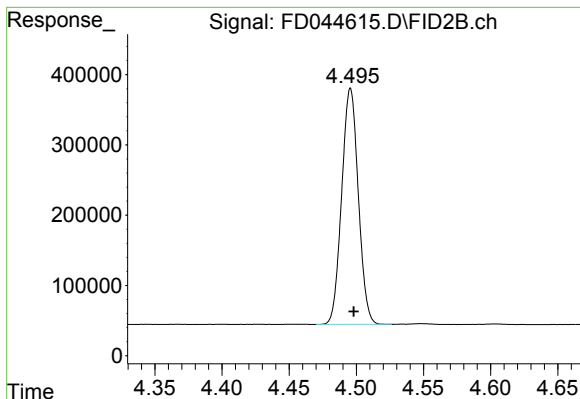
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD120622AR\  
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ALS Vial : 52 Sample Multiplier: 1

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20 PPM AROMATIC HC STD

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Volume Inj. : 1 µl  
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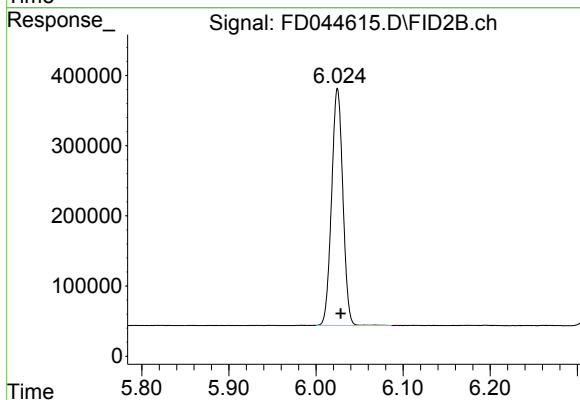




#1 1,2,3-Trimethylbenzene (C10.1)

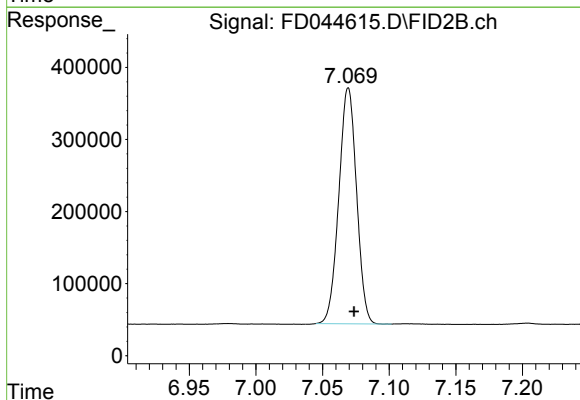
R.T.: 4.496 min  
Delta R.T.: -0.002 min  
Response: 2890666  
Conc: 20.26 ug/ml

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



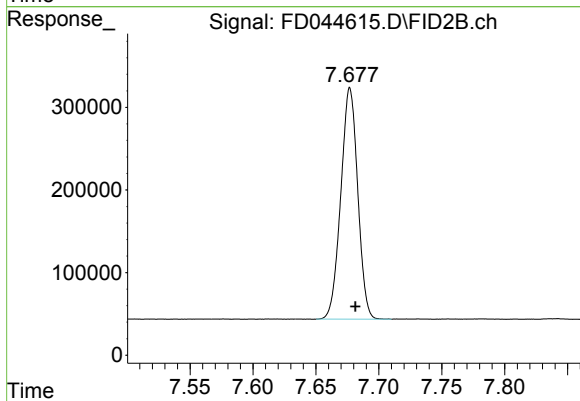
#2 Naphthalene (C11.7)

R.T.: 6.025 min  
Delta R.T.: -0.003 min  
Response: 3037281  
Conc: 20.20 ug/ml



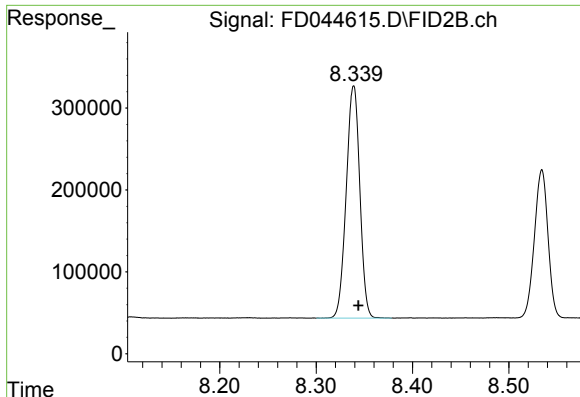
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.069 min  
Delta R.T.: -0.004 min  
Response: 3033335  
Conc: 20.08 ug/ml



#4 2-Bromonaphthalene (SURR)

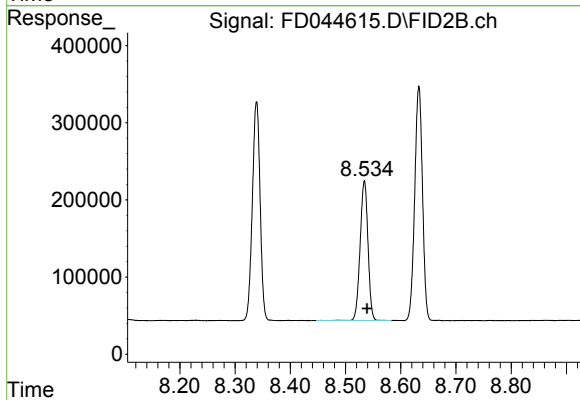
R.T.: 7.677 min  
Delta R.T.: -0.004 min  
Response: 2622296  
Conc: 20.21 ug/ml



#5 Acenaphthylene (C15.06)

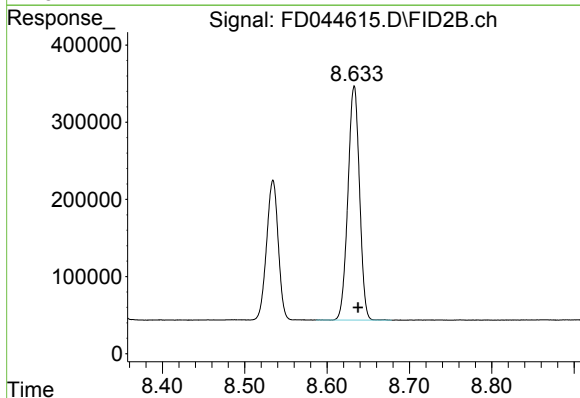
R.T.: 8.339 min  
Delta R.T.: -0.005 min  
Response: 2763455  
Conc: 19.88 ug/ml

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



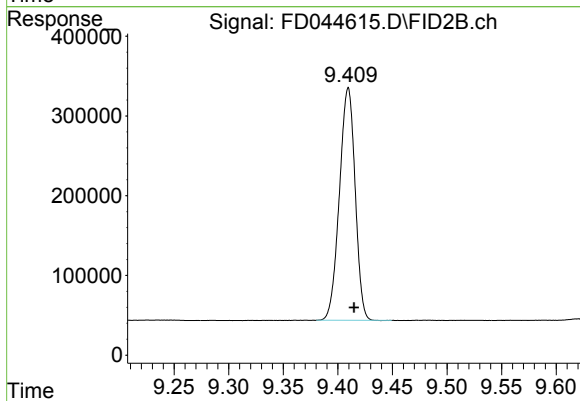
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.534 min  
Delta R.T.: -0.005 min  
Response: 1784586  
Conc: 20.21 ug/ml



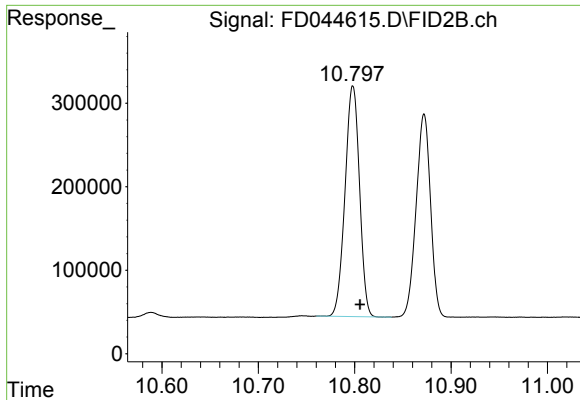
#7 Acenaphthene (C15.5)

R.T.: 8.633 min  
Delta R.T.: -0.005 min  
Response: 2965248  
Conc: 20.21 ug/ml



#8 Fluorene (C16.55)

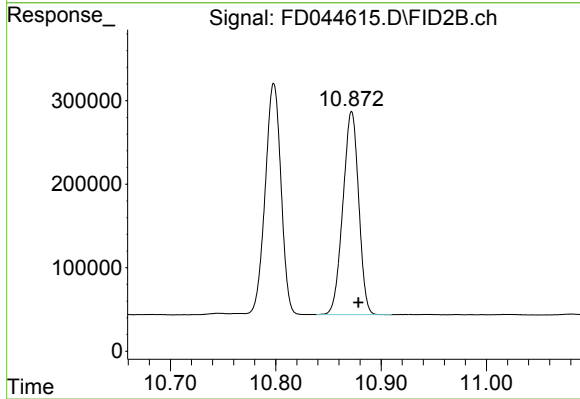
R.T.: 9.409 min  
Delta R.T.: -0.006 min  
Response: 2923217  
Conc: 20.27 ug/ml



#9 Phenanthrene (C19.36)

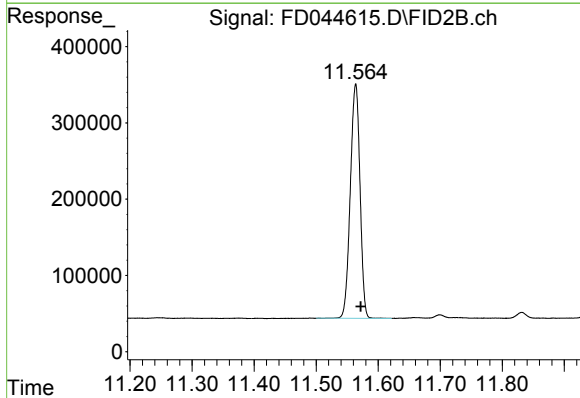
R.T.: 10.798 min  
Delta R.T.: -0.007 min  
Response: 2867360  
Conc: 20.11 ug/ml

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



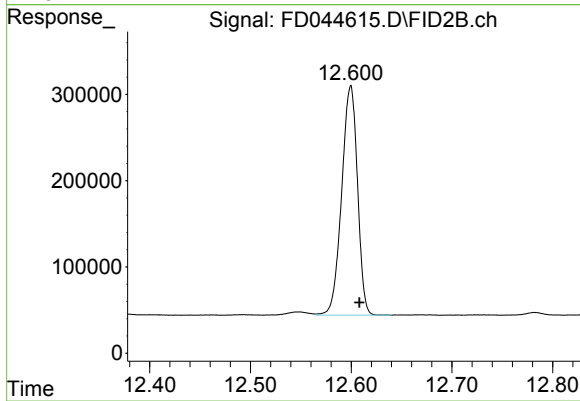
#10 Anthracene (C19.43)

R.T.: 10.872 min  
Delta R.T.: -0.006 min  
Response: 2534291  
Conc: 18.24 ug/ml



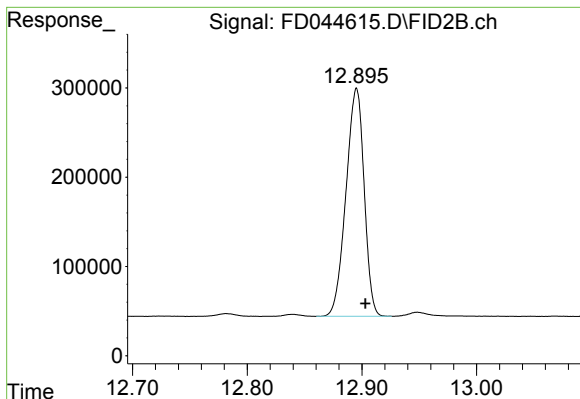
#11 ortho-Terphenyl (SURR)

R.T.: 11.564 min  
Delta R.T.: -0.008 min  
Response: 3326798  
Conc: 20.44 ug/ml



#12 Fluoranthene (C21.85)

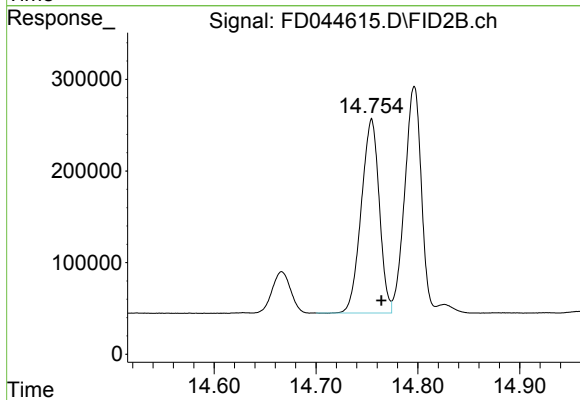
R.T.: 12.599 min  
Delta R.T.: -0.009 min  
Response: 2901842  
Conc: 20.36 ug/ml



#13 Pyrene (C20.8)

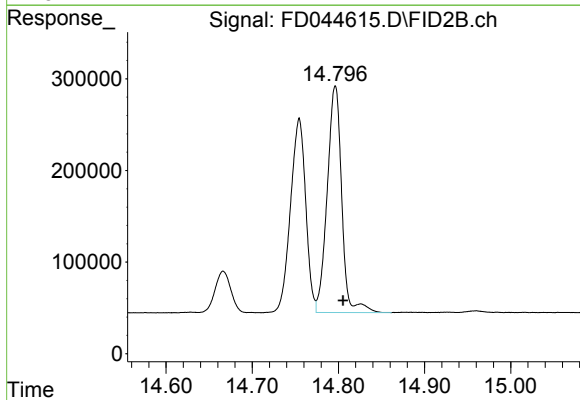
R.T.: 12.895 min  
Delta R.T.: -0.008 min  
Response: 2810746  
Conc: 20.20 ug/ml

Instrument :  
FID\_D  
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20 PPM AROMATIC HC STD



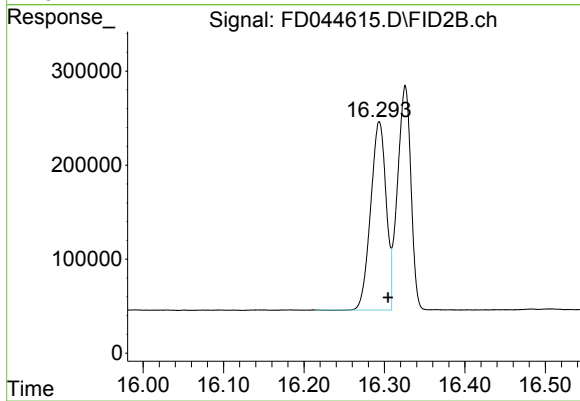
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.754 min  
Delta R.T.: -0.010 min  
Response: 2597878  
Conc: 20.08 ug/ml



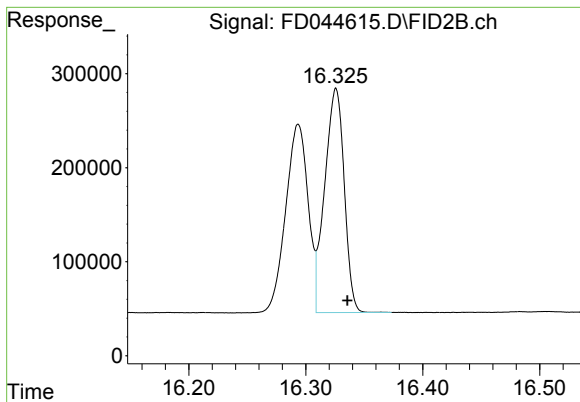
#15 Chrysene (C27.41)

R.T.: 14.796 min  
Delta R.T.: -0.009 min  
Response: 2896627  
Conc: 21.49 ug/ml



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

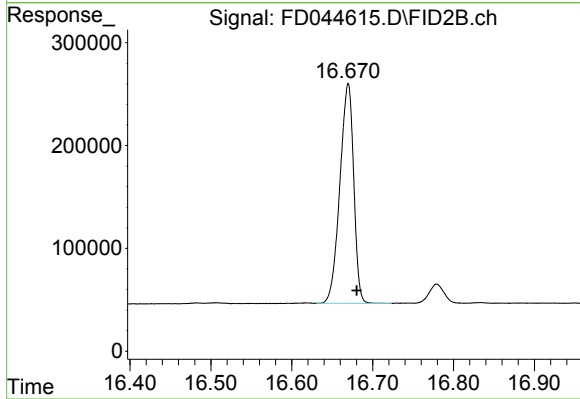
R.T.: 16.294 min  
Delta R.T.: -0.011 min  
Response: 2665468  
Conc: 20.25 ug/ml



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

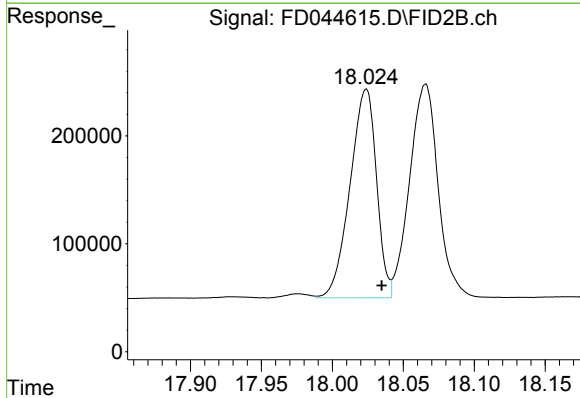
R.T.: 16.326 min  
Delta R.T.: -0.010 min  
Response: 2762308  
Conc: 21.21 ug/ml

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



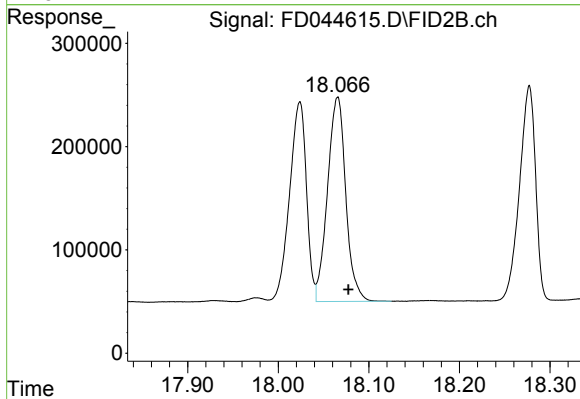
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.669 min  
Delta R.T.: -0.011 min  
Response: 2536765  
Conc: 19.63 ug/ml



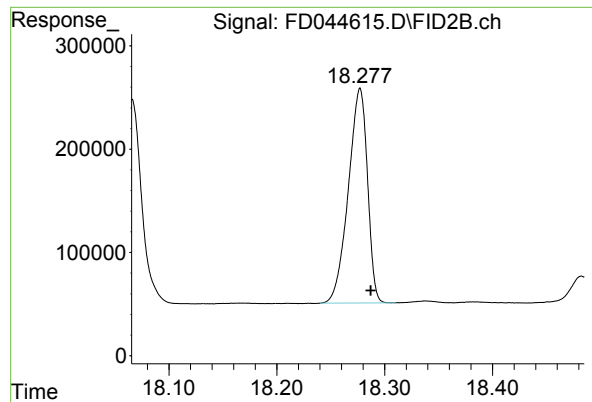
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.023 min  
Delta R.T.: -0.011 min  
Response: 2509714  
Conc: 19.69 ug/ml



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

R.T.: 18.065 min  
Delta R.T.: -0.012 min  
Response: 2772626  
Conc: 22.04 ug/ml



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

R.T.: 18.277 min  
Delta R.T.: -0.010 min  
Response: 2558671  
Conc: 19.89 ug/ml

Instrument :

FID\_D

ClientSampleId :

20 PPM AROMATIC HC STD