

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD082820AR\  
 Data File : FD034558.D  
 Signal(s) : FID2B.CH  
 Acq On : 28 Aug 2020 16:45  
 Operator : DD\AJ  
 Sample : PB131255BS  
 Misc :  
 ALS Vial : 65 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 PB131255BS

Integration File: autoint1.e  
 Quant Time: Aug 31 01:44:54 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 073120.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Aug 03 10:54:15 2020  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...      | 7.692  | 3559280    | 30.444 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 60.89%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.558  | 2416365    | 29.146 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 58.29%       |
| 11) S ortho-Terphenyl (SURR)       | 11.600 | 3570683    | 26.275 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 52.55%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.484  | 3154455    | 24.749 ug/ml |
| 2) T Naphthalene (C11.7)           | 6.028  | 3613036    | 27.006 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.082  | 3809784    | 28.224 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.360  | 3743508    | 28.286 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.656  | 3962662    | 29.465 ug/ml |
| 8) T Flouorene (C16.55)            | 9.438  | 3992701    | 30.039 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.836 | 4030094    | 30.066 ug/ml |
| 10) T Anthracene (C19.43)          | 10.911 | 3975586    | 29.954 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.650 | 3987982    | 29.342 ug/ml |
| 13) T Pyrene (C20.8)               | 12.948 | 3901898    | 29.303 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.819 | 3754432    | 28.606 ug/ml |
| 15) T Chrysene (C27.41)            | 14.863 | 3861484    | 29.452 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.372 | 3904915    | 30.523 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.405 | 3716383    | 30.006 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.750 | 3444212    | 27.509 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.116 | 3696878    | 30.724 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.154 | 3614210    | 30.615 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.372 | 3623205    | 30.578 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

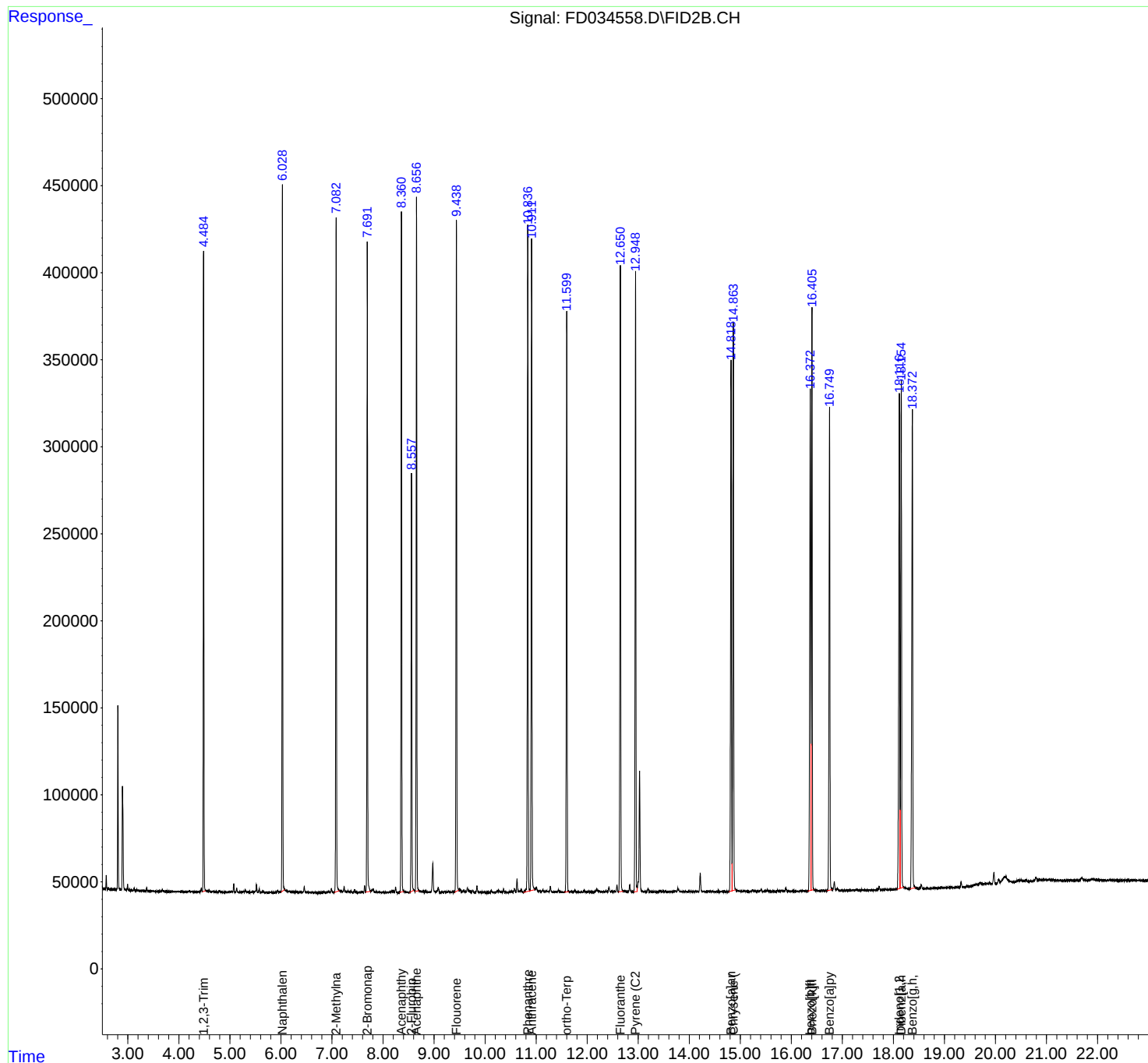
(m)=manual int.

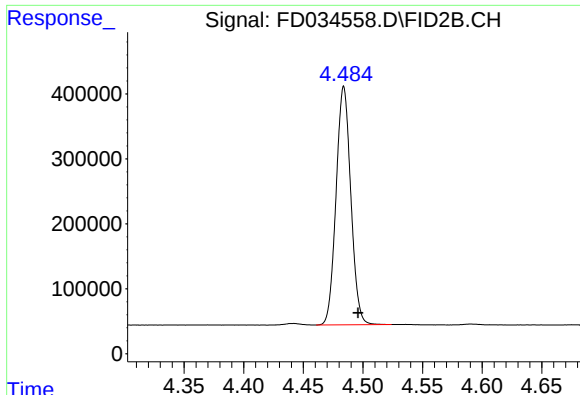
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Volume Inj. : 1 µl  
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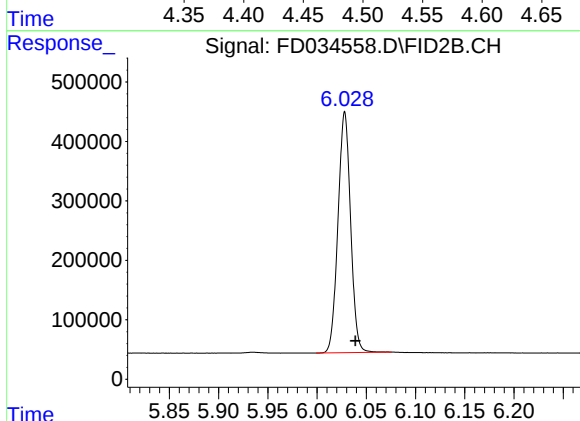




#1 1,2,3-Trimethylbenzene (C10.1)

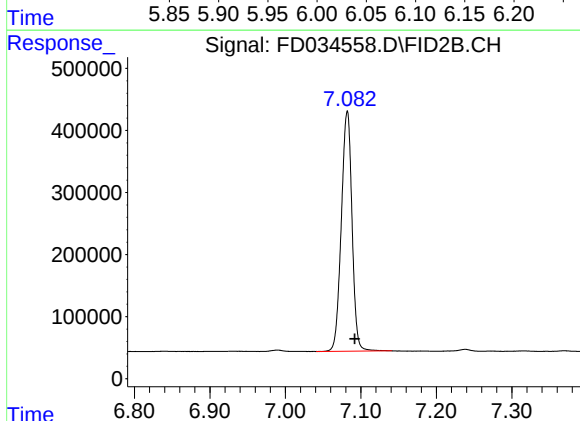
R.T.: 4.484 min  
Delta R.T.: -0.012 min  
Response: 3154455  
Conc: 24.75 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
PB131255BS



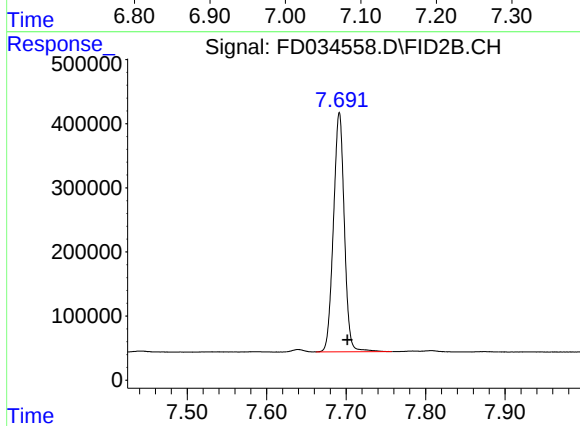
#2 Naphthalene (C11.7)

R.T.: 6.028 min  
Delta R.T.: -0.011 min  
Response: 3613036  
Conc: 27.01 ug/ml



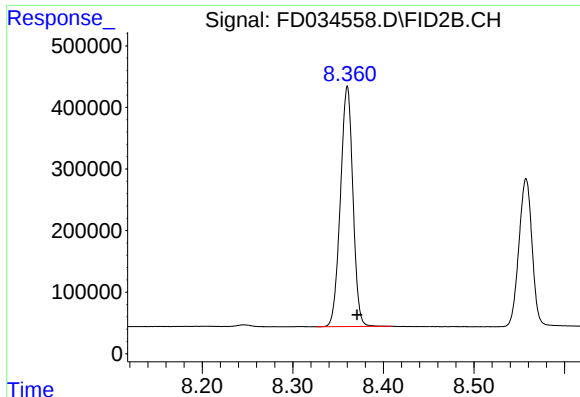
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.082 min  
Delta R.T.: -0.010 min  
Response: 3809784  
Conc: 28.22 ug/ml



#4 2-Bromonaphthalene (SURR)

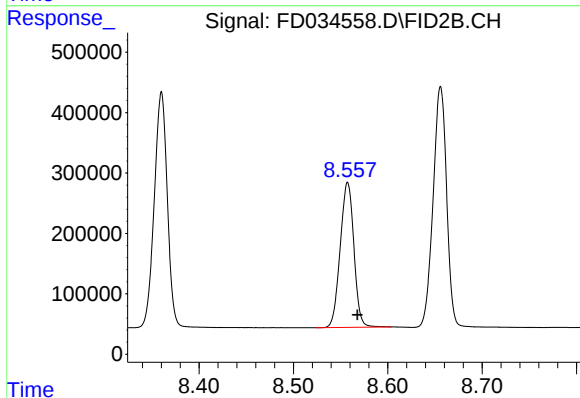
R.T.: 7.692 min  
Delta R.T.: -0.010 min  
Response: 3559280  
Conc: 30.44 ug/ml



#5 Acenaphthylene (C15.06)

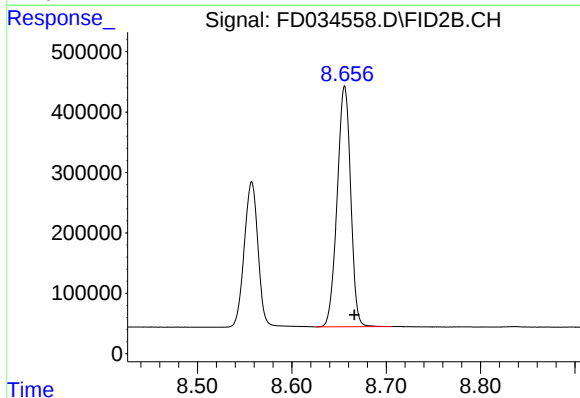
R.T.: 8.360 min  
Delta R.T.: -0.011 min  
Response: 3743508  
Conc: 28.29 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
PB131255BS



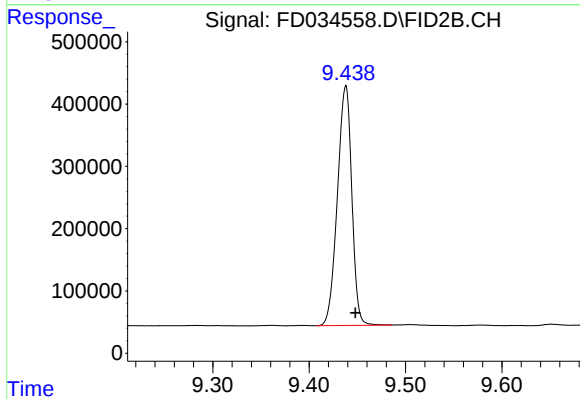
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.558 min  
Delta R.T.: -0.010 min  
Response: 2416365  
Conc: 29.15 ug/ml



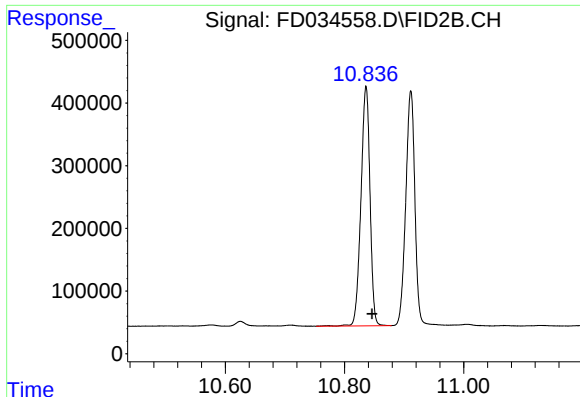
#7 Acenaphthene (C15.5)

R.T.: 8.656 min  
Delta R.T.: -0.010 min  
Response: 3962662  
Conc: 29.46 ug/ml



#8 Flouorene (C16.55)

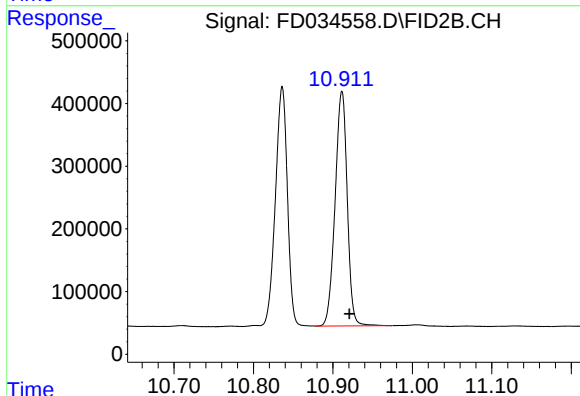
R.T.: 9.438 min  
Delta R.T.: -0.010 min  
Response: 3992701  
Conc: 30.04 ug/ml



#9 Phenanthrene (C19.36)

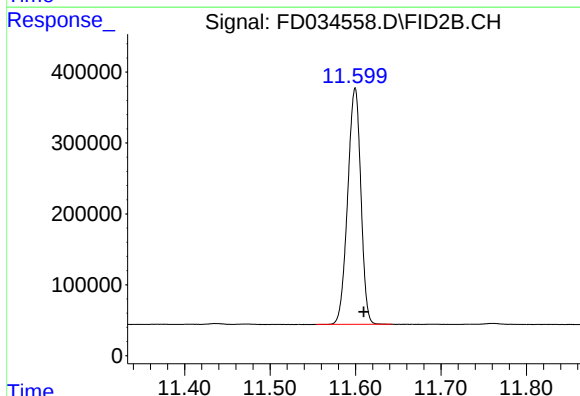
R.T.: 10.836 min  
Delta R.T.: -0.010 min  
Response: 4030094  
Conc: 30.07 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
PB131255BS



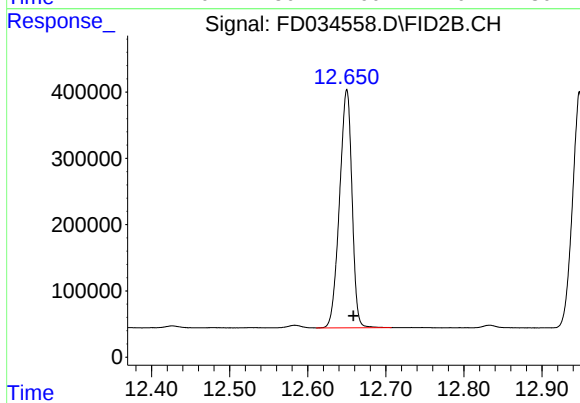
#10 Anthracene (C19.43)

R.T.: 10.911 min  
Delta R.T.: -0.009 min  
Response: 3975586  
Conc: 29.95 ug/ml



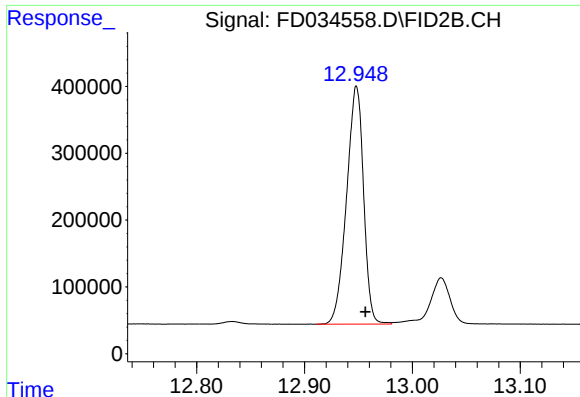
#11 ortho-Terphenyl (SURR)

R.T.: 11.600 min  
Delta R.T.: -0.010 min  
Response: 3570683  
Conc: 26.28 ug/ml



#12 Fluoranthene (C21.85)

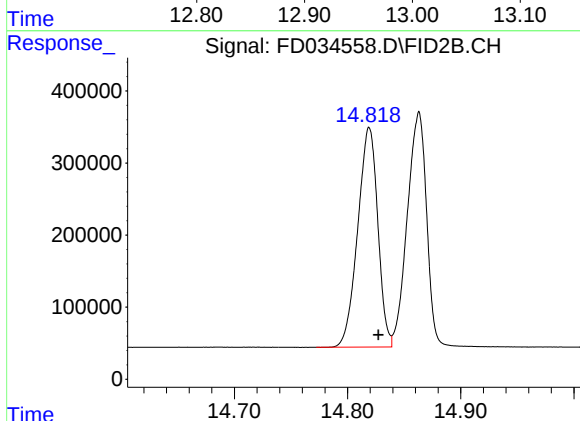
R.T.: 12.650 min  
Delta R.T.: -0.009 min  
Response: 3987982  
Conc: 29.34 ug/ml



#13 Pyrene (C20.8)

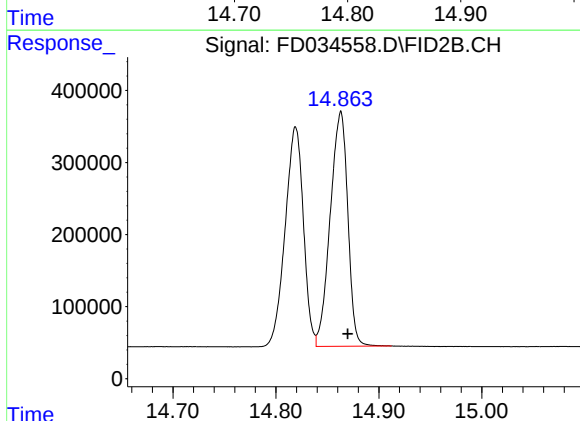
R.T.: 12.948 min  
Delta R.T.: -0.008 min  
Response: 3901898  
Conc: 29.30 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
PB131255BS



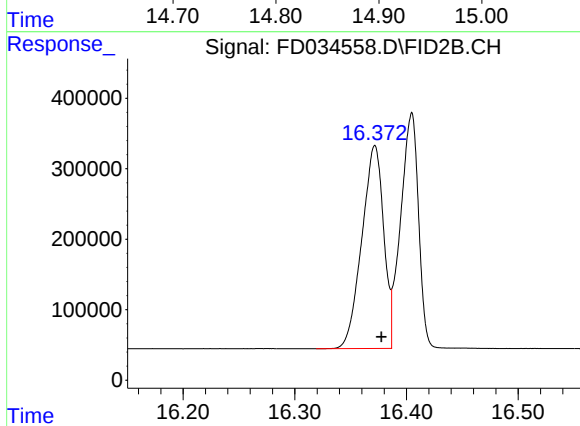
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.819 min  
Delta R.T.: -0.008 min  
Response: 3754432  
Conc: 28.61 ug/ml



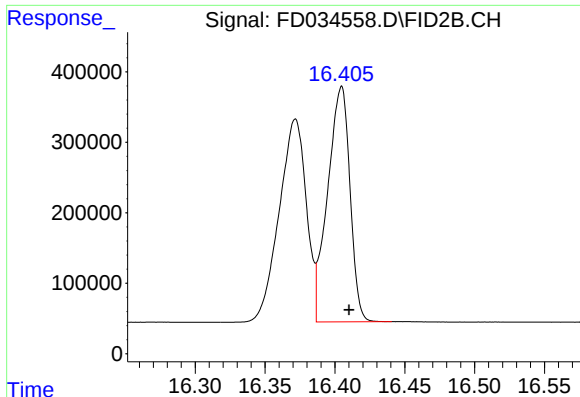
#15 Chrysene (C27.41)

R.T.: 14.863 min  
Delta R.T.: -0.007 min  
Response: 3861484  
Conc: 29.45 ug/ml



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

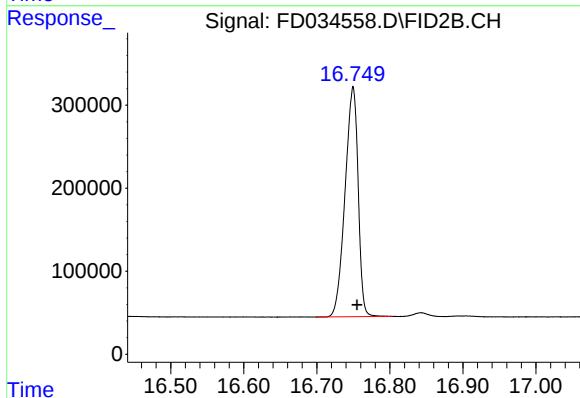
R.T.: 16.372 min  
Delta R.T.: -0.006 min  
Response: 3904915  
Conc: 30.52 ug/ml



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

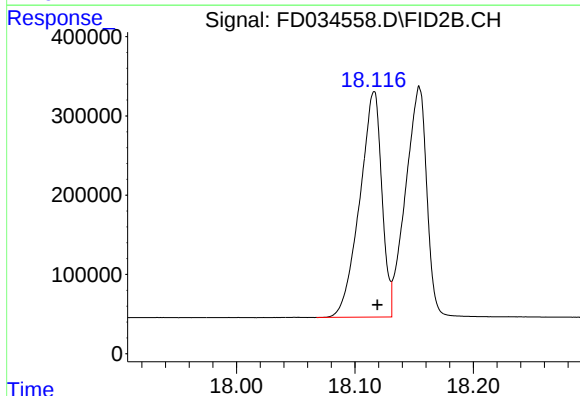
R.T.: 16.405 min  
Delta R.T.: -0.005 min  
Response: 3716383  
Conc: 30.01 ug/ml

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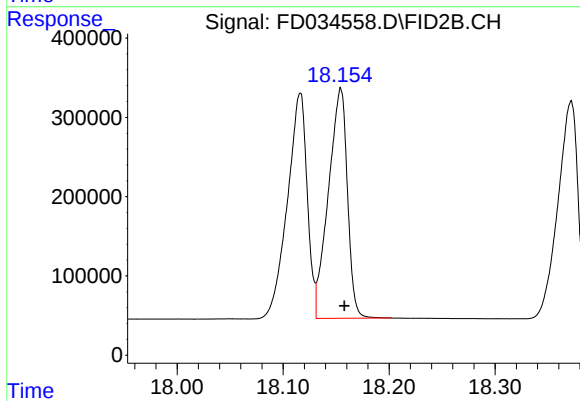
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.750 min  
Delta R.T.: -0.006 min  
Response: 3444212  
Conc: 27.51 ug/ml



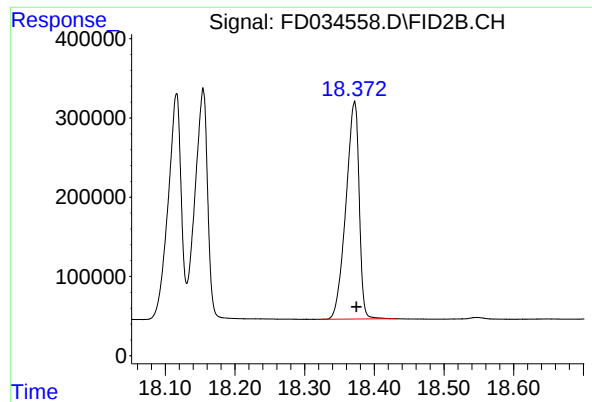
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.116 min  
Delta R.T.: -0.003 min  
Response: 3696878  
Conc: 30.72 ug/ml



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

R.T.: 18.154 min  
Delta R.T.: -0.003 min  
Response: 3614210  
Conc: 30.62 ug/ml



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

R.T.: 18.372 min  
Delta R.T.: -0.003 min  
Response: 3623205  
Conc: 30.58 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
PB131255BS