

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD081121AR\  
 Data File : FD038512.D  
 Signal(s) : FID2B.CH  
 Acq On : 12 Aug 2021 00:27  
 Operator : AJ\MA  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Aug 12 03:20:06 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 080321.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Aug 04 10:56:27 2021  
 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...      | 7.475  | 2474007    | 19.521 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 39.04%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.336  | 1649739    | 19.001 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 38.00%       |
| 11) S ortho-Terphenyl (SURR)       | 11.371 | 2567679    | 17.900 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 35.80%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.285  | 2889000    | 20.600 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.815  | 2918902    | 20.043 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.866  | 2860344    | 19.724 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.137  | 2702242    | 18.716 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.433  | 2825019    | 18.873 ug/ml |
| 8) T Flouorene (C16.55)            | 9.213  | 2630069    | 18.458 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.609 | 2467808    | 17.483 ug/ml |
| 10) T Anthracene (C19.43)          | 10.683 | 2263694    | 16.559 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.419 | 2325063    | 16.553 ug/ml |
| 13) T Pyrene (C20.8)               | 12.714 | 2299811    | 16.417 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.589 | 2143187    | 16.738 ug/ml |
| 15) T Chrysene (C27.41)            | 14.631 | 2292156    | 16.596 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.143 | 2229802    | 17.831 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.175 | 2249661    | 17.064 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.523 | 2088880    | 17.478 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.894 | 2188498    | 19.863 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.929 | 2317315    | 18.826 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.148 | 2224070    | 19.416 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

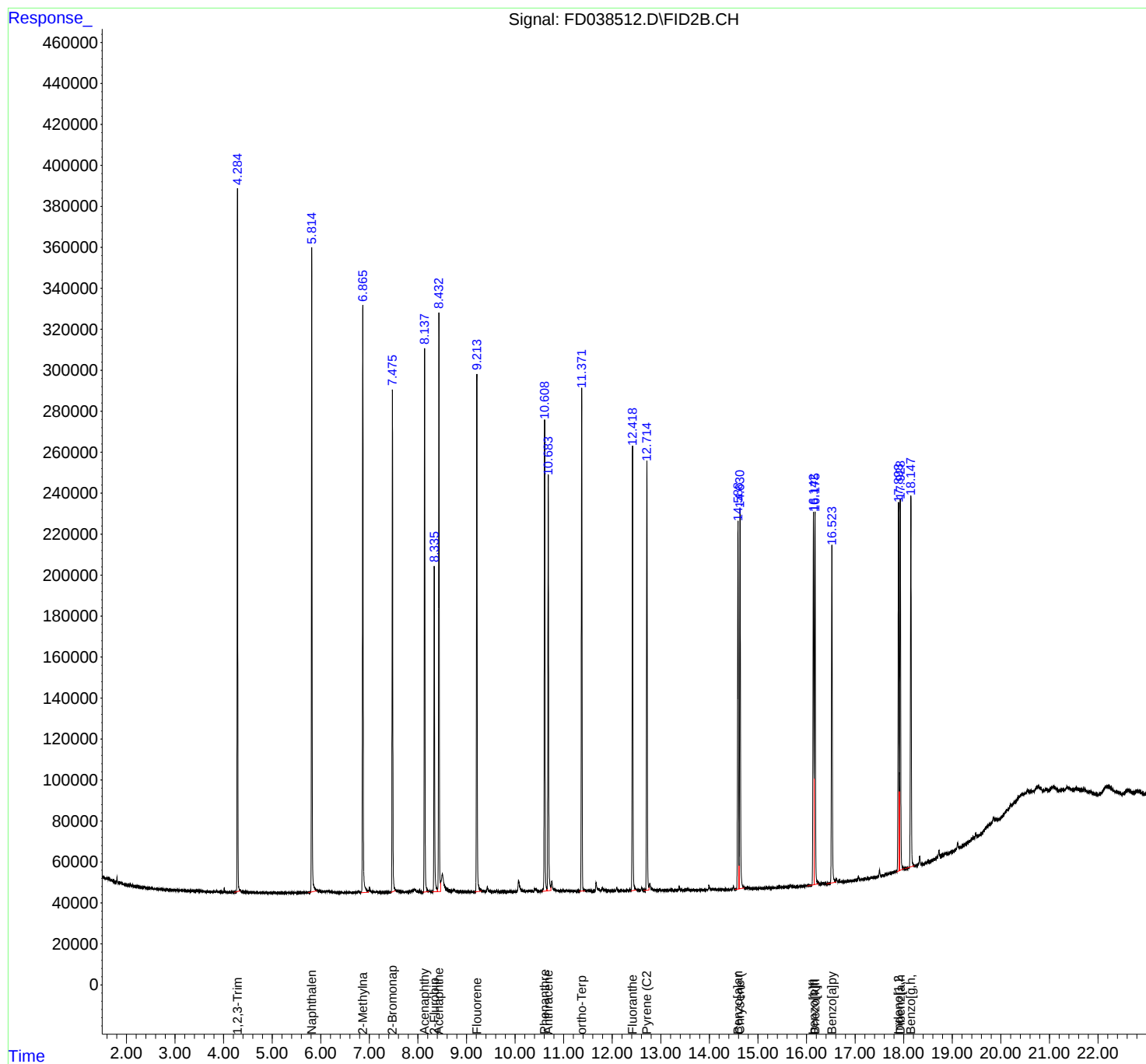
(m)=manual int.

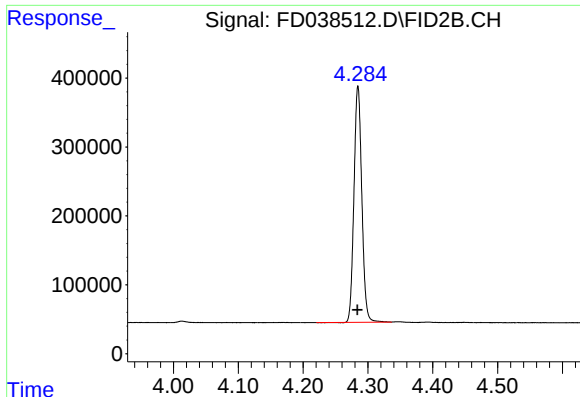
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD081121AR\  
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Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm

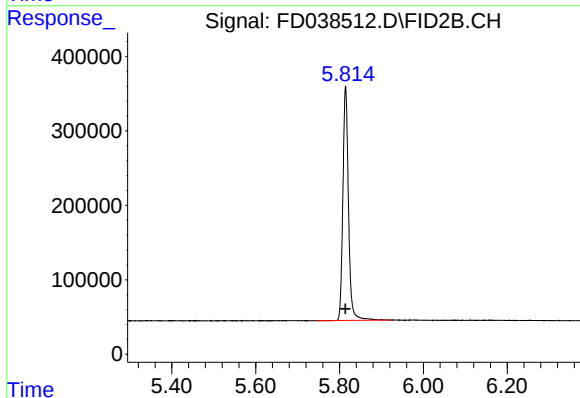




#1 1,2,3-Trimethylbenzene (C10.1)

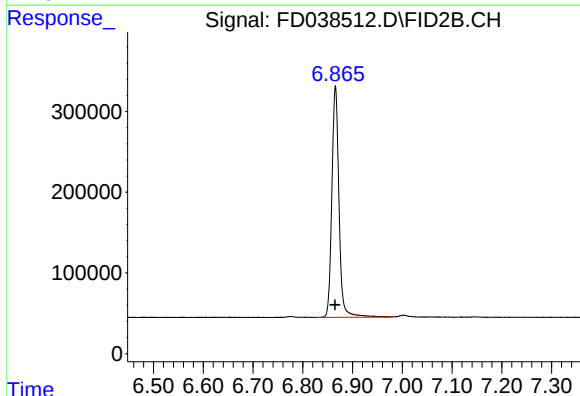
R.T.: 4.285 min  
Delta R.T.: 0.000 min  
Response: 2889000  
Conc: 20.60 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



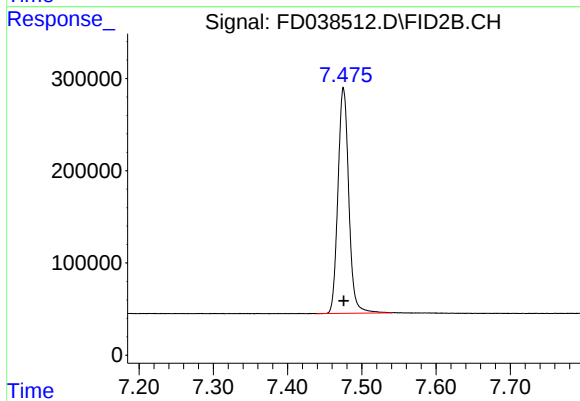
#2 Naphthalene (C11.7)

R.T.: 5.815 min  
Delta R.T.: 0.000 min  
Response: 2918902  
Conc: 20.04 ug/ml



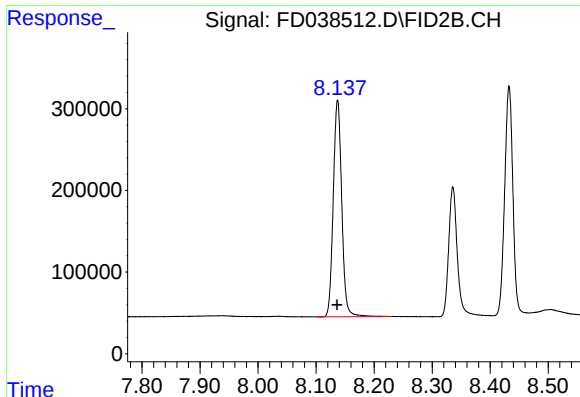
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.866 min  
Delta R.T.: 0.000 min  
Response: 2860344  
Conc: 19.72 ug/ml



#4 2-Bromonaphthalene (SURR)

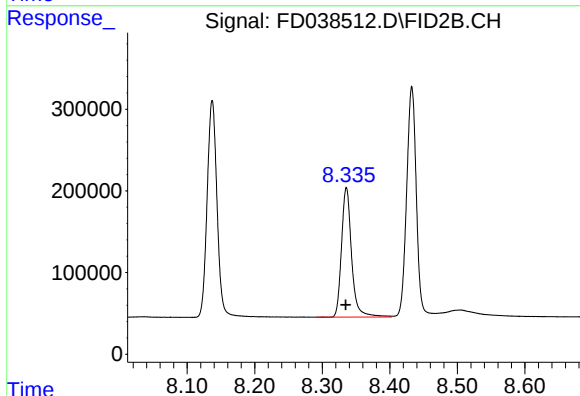
R.T.: 7.475 min  
Delta R.T.: 0.000 min  
Response: 2474007  
Conc: 19.52 ug/ml



#5 Acenaphthylene (C15.06)

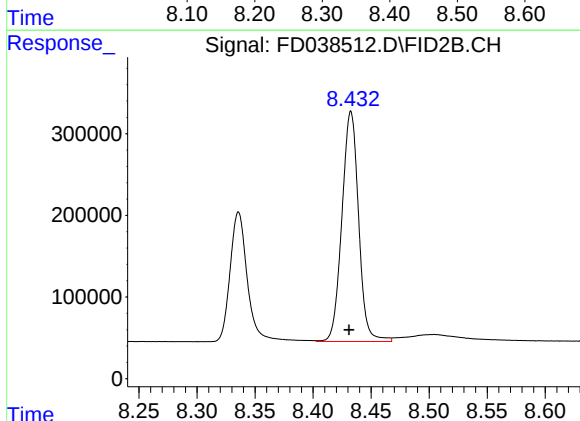
R.T.: 8.137 min  
Delta R.T.: 0.001 min  
Response: 2702242  
Conc: 18.72 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



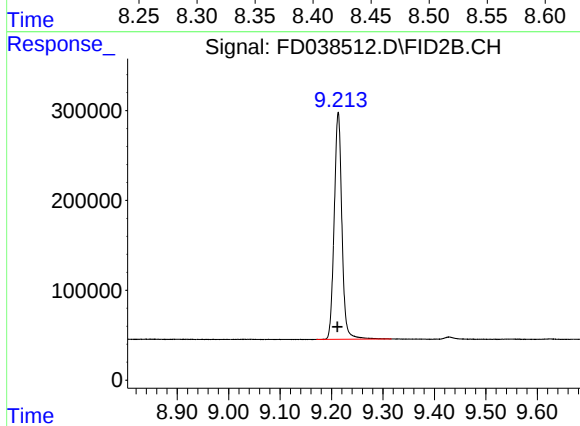
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.336 min  
Delta R.T.: 0.000 min  
Response: 1649739  
Conc: 19.00 ug/ml



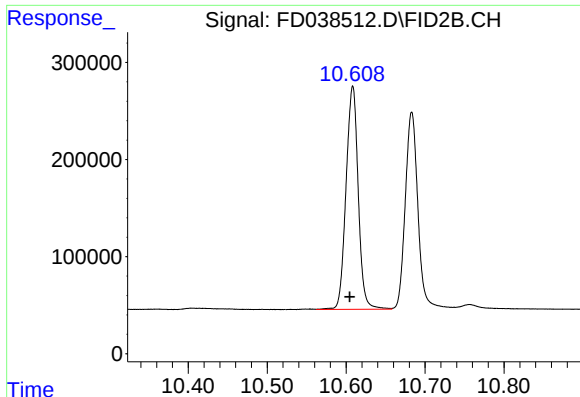
#7 Acenaphthene (C15.5)

R.T.: 8.433 min  
Delta R.T.: 0.002 min  
Response: 2825019  
Conc: 18.87 ug/ml



#8 Flouorene (C16.55)

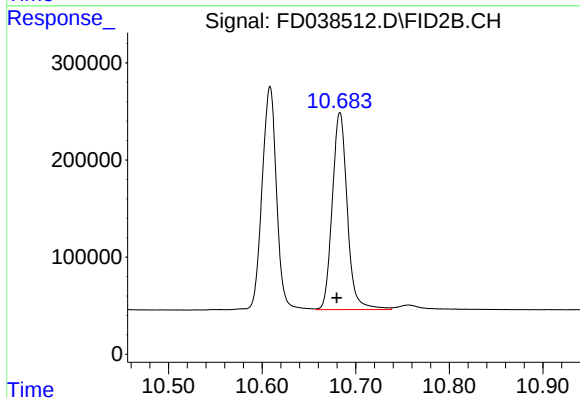
R.T.: 9.213 min  
Delta R.T.: 0.002 min  
Response: 2630069  
Conc: 18.46 ug/ml



#9 Phenanthrene (C19.36)

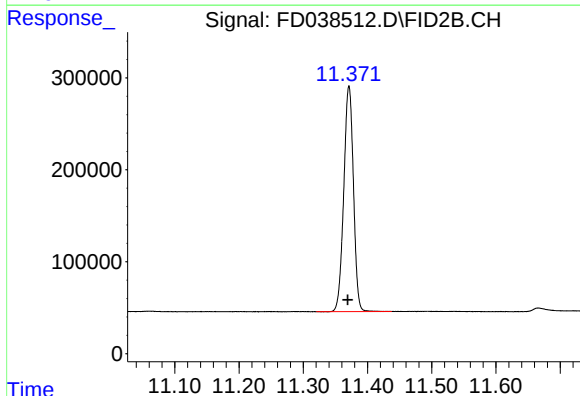
R.T.: 10.609 min  
Delta R.T.: 0.004 min  
Response: 2467808  
Conc: 17.48 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



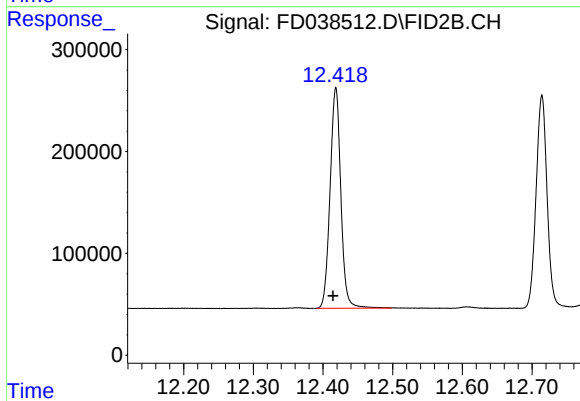
#10 Anthracene (C19.43)

R.T.: 10.683 min  
Delta R.T.: 0.003 min  
Response: 2263694  
Conc: 16.56 ug/ml



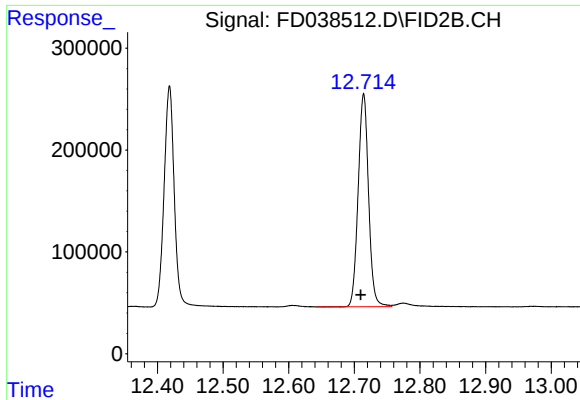
#11 ortho-Terphenyl (SURR)

R.T.: 11.371 min  
Delta R.T.: 0.002 min  
Response: 2567679  
Conc: 17.90 ug/ml



#12 Fluoranthene (C21.85)

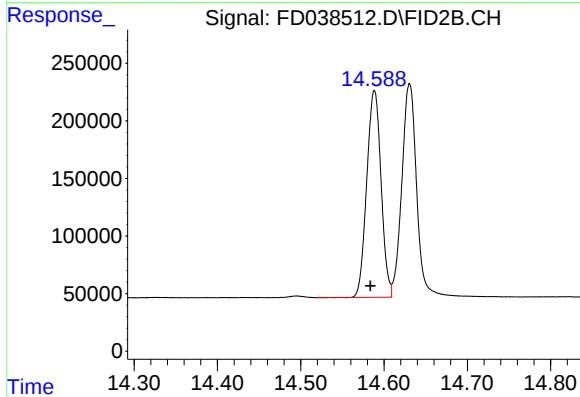
R.T.: 12.419 min  
Delta R.T.: 0.004 min  
Response: 2325063  
Conc: 16.55 ug/ml



#13 Pyrene (C20.8)

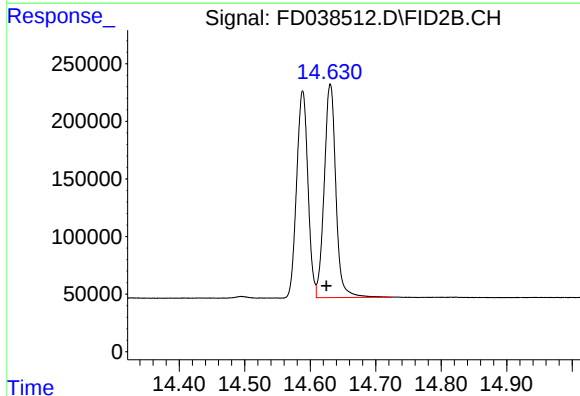
R.T.: 12.714 min  
Delta R.T.: 0.004 min  
Response: 2299811  
Conc: 16.42 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



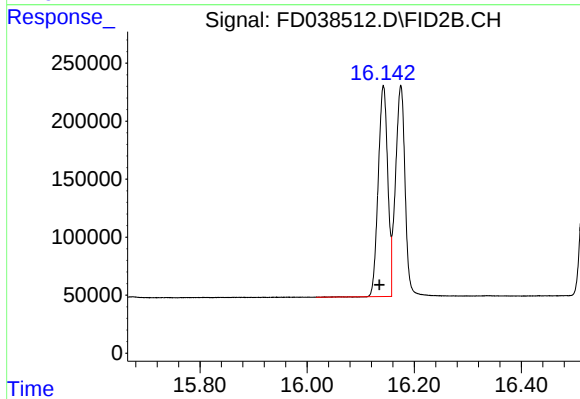
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.589 min  
Delta R.T.: 0.005 min  
Response: 2143187  
Conc: 16.74 ug/ml



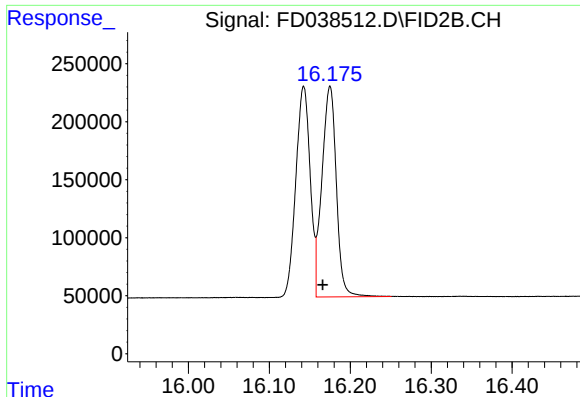
#15 Chrysene (C27.41)

R.T.: 14.631 min  
Delta R.T.: 0.006 min  
Response: 2292156  
Conc: 16.60 ug/ml



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

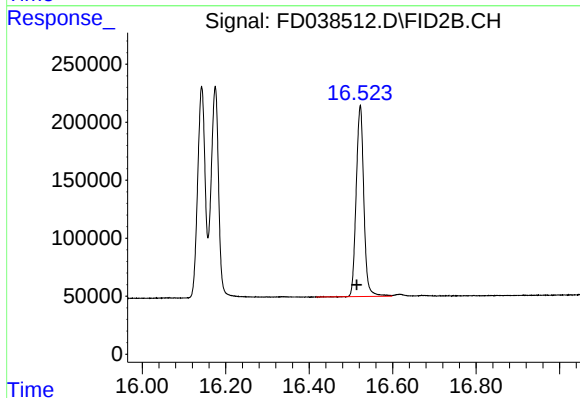
R.T.: 16.143 min  
Delta R.T.: 0.008 min  
Response: 2229802  
Conc: 17.83 ug/ml



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

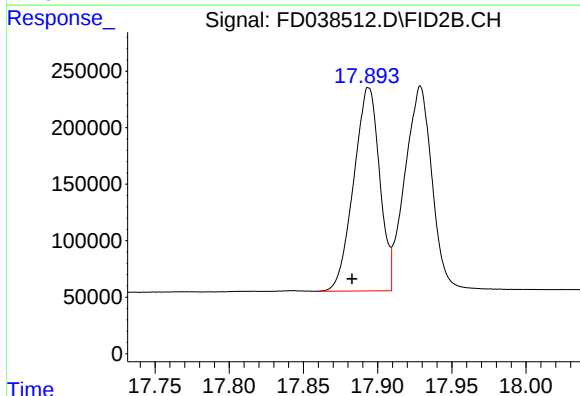
R.T.: 16.175 min  
Delta R.T.: 0.009 min  
Response: 2249661  
Conc: 17.06 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



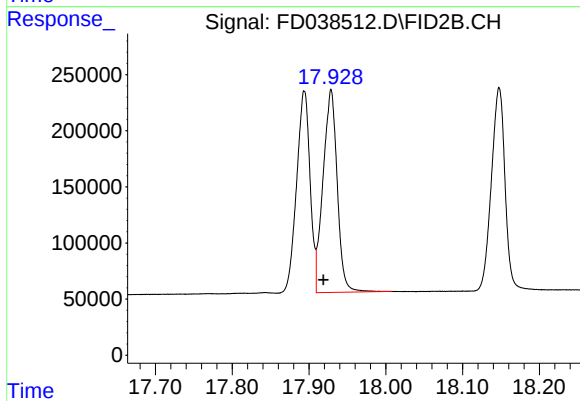
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.523 min  
Delta R.T.: 0.009 min  
Response: 2088880  
Conc: 17.48 ug/ml



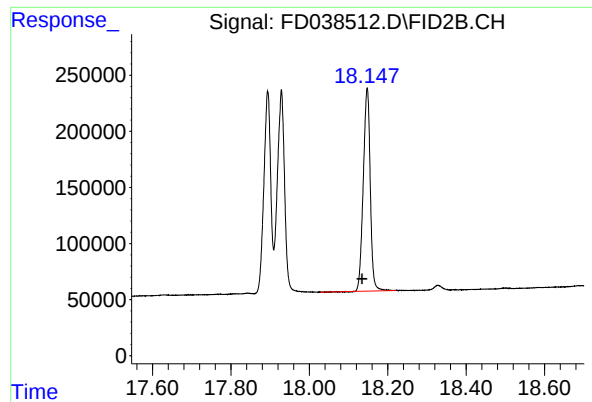
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.894 min  
Delta R.T.: 0.011 min  
Response: 2188498  
Conc: 19.86 ug/ml



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

R.T.: 17.929 min  
Delta R.T.: 0.010 min  
Response: 2317315  
Conc: 18.83 ug/ml



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

R.T.: 18.148 min  
Delta R.T.: 0.013 min  
Response: 2224070  
Conc: 19.42 ug/ml

Instrument :  
FID\_D  
ClientSampleId :