

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC050520AL\  
 Data File : FC047258.D  
 Signal(s) : FID1A.CH  
 Acq On : 05 May 2020 7:58  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e  
 Quant Time: May 05 13:10:42 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 042320.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Apr 23 16:30:34 2020  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response   | Conc Units   |
|--------------------------------|--------|------------|--------------|
| -----                          |        |            |              |
| System Monitoring Compounds    |        |            |              |
| 9) S ortho-Terphenyl (SURR)    | 11.751 | 2512486    | 22.579 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 45.16%       |
| 12) S 1-chlorooctadecane (S... | 13.165 | 1972487    | 22.087 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 44.17%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.550  | 2293250    | 23.753 ug/ml |
| 2) T n-Decane (C10)            | 4.615  | 2323600    | 24.088 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.214  | 2422373    | 24.046 ug/ml |
| 4) T n-Dodecane (C12)          | 6.618  | 2370461    | 24.110 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.263  | 2455386    | 24.616 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.398  | 2375236    | 24.051 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.987  | 2389327    | 23.699 ug/ml |
| 8) T n-Octadecane (C18)        | 11.419 | 2385878    | 23.111 ug/ml |
| 10) T n-Eicosane (C20)         | 12.719 | 2358252    | 22.475 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.327 | 2358613    | 22.174 ug/ml |
| 13) T n-Docosane (C22)         | 13.910 | 2325654    | 21.856 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.008 | 2307639    | 21.458 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.022 | 2241968    | 20.780 ug/ml |
| 16) T n-Octacosane (C28)       | 16.968 | 2179464    | 20.391 ug/ml |
| 17) T n-Tricontane (C30)       | 17.849 | 2018915    | 20.176 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.677 | 1523803    | 19.997 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.456 | 1109786    | 19.750 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.191 | 928816     | 18.561 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.949 | 821982     | 18.127 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.902 | 834149     | 17.782 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

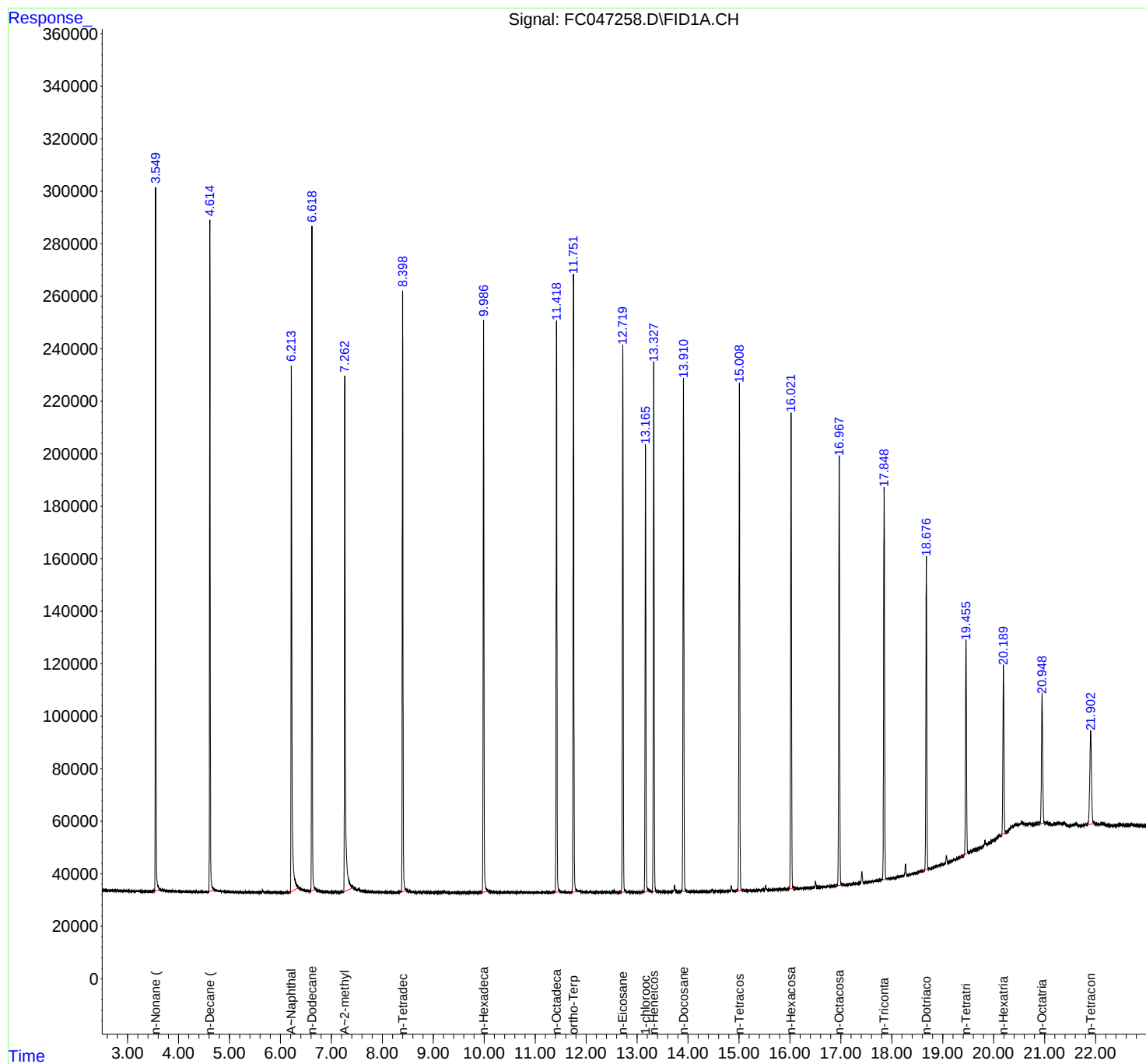
(m)=manual int.

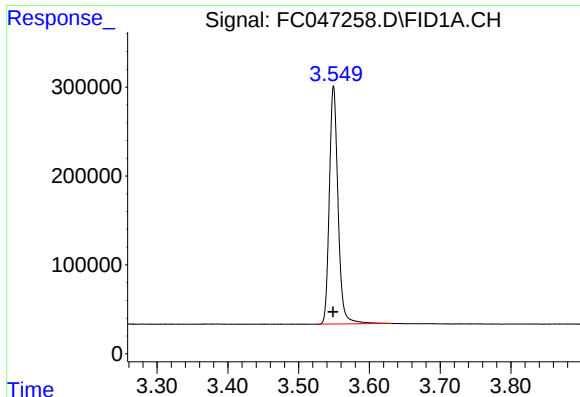
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC050520AL\  
Data File : FC047258.D  
Signal(s) : FID1A.CH  
Acq On : 05 May 2020 7:58  
Operator : DD\AJ  
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Misc :  
ALS Vial : 2 Sample Multiplier: 1

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20 PPM ALIPHATIC HC STD

Integration File: autoint1.e  
Quant Time: May 05 13:10:42 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 042320.M  
Quant Title : GC Extractables  
QLast Update : Thu Apr 23 16:30:34 2020  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

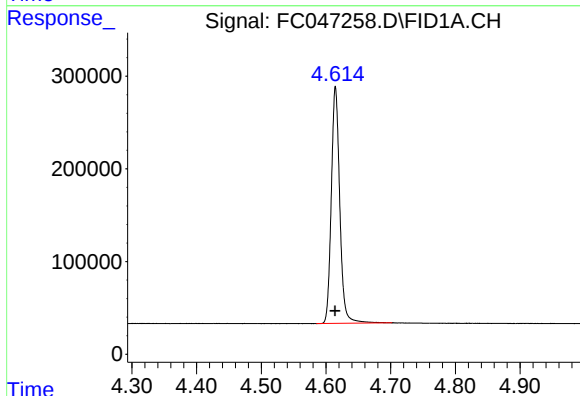




#1 n-Nonane (C9)

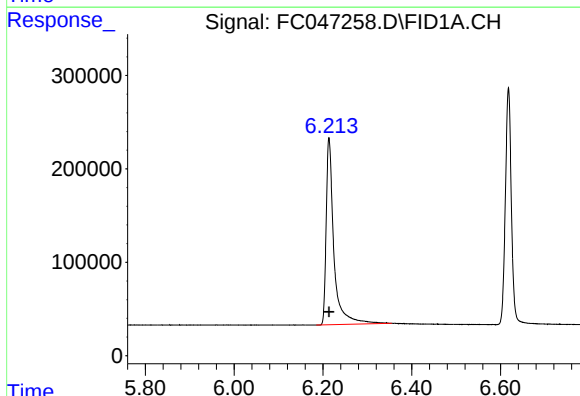
R.T.: 3.550 min  
Delta R.T.: 0.000 min  
Response: 2293250  
Conc: 23.75 ug/ml

Instrument :  
FID\_C  
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20 PPM ALIPHATIC HC STD



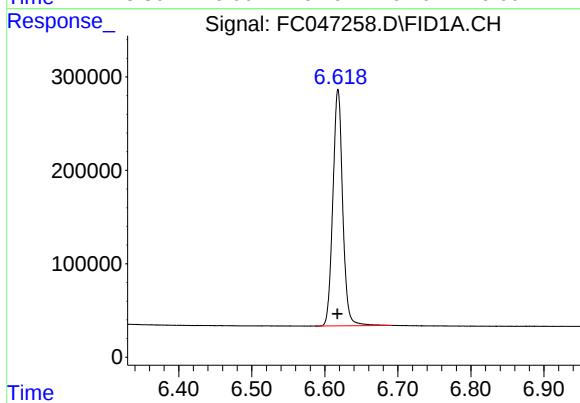
#2 n-Decane (C10)

R.T.: 4.615 min  
Delta R.T.: 0.000 min  
Response: 2323600  
Conc: 24.09 ug/ml



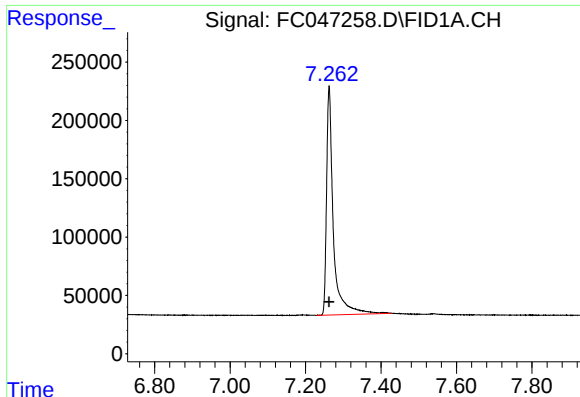
#3 A~Naphthalene (C11.7)

R.T.: 6.214 min  
Delta R.T.: 0.000 min  
Response: 2422373  
Conc: 24.05 ug/ml



#4 n-Dodecane (C12)

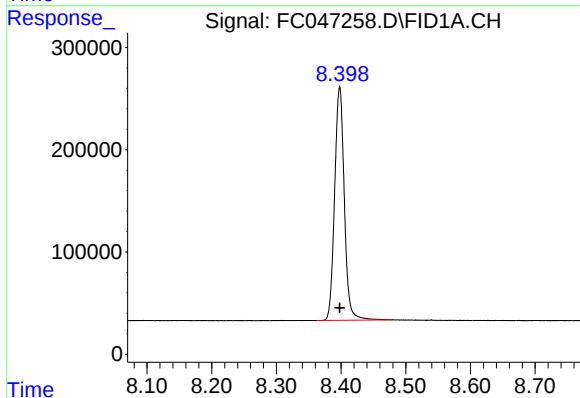
R.T.: 6.618 min  
Delta R.T.: 0.000 min  
Response: 2370461  
Conc: 24.11 ug/ml



#5 A~2-methylnaphthalene (C12.89)

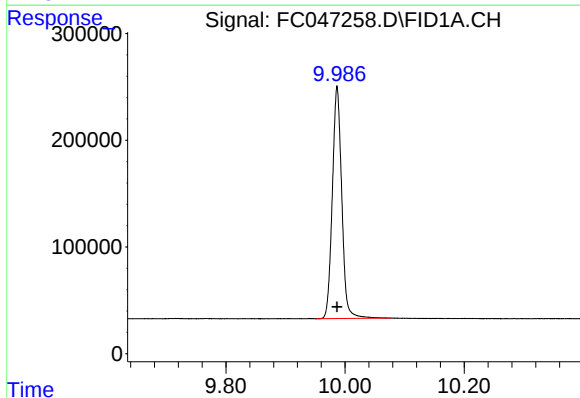
R.T.: 7.263 min  
Delta R.T.: 0.000 min  
Response: 2455386  
Conc: 24.62 ug/ml

Instrument :  
FID\_C  
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20 PPM ALIPHATIC HC STD



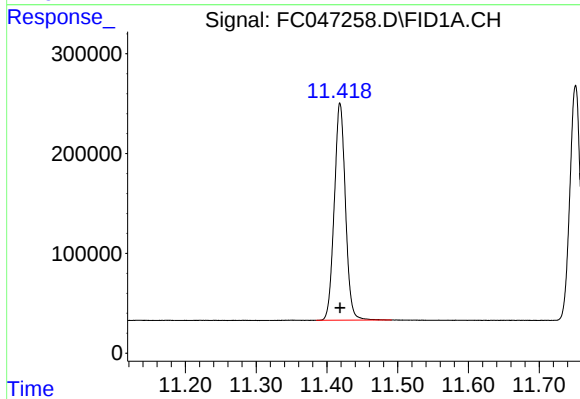
#6 n-Tetradecane (C14)

R.T.: 8.398 min  
Delta R.T.: 0.000 min  
Response: 2375236  
Conc: 24.05 ug/ml



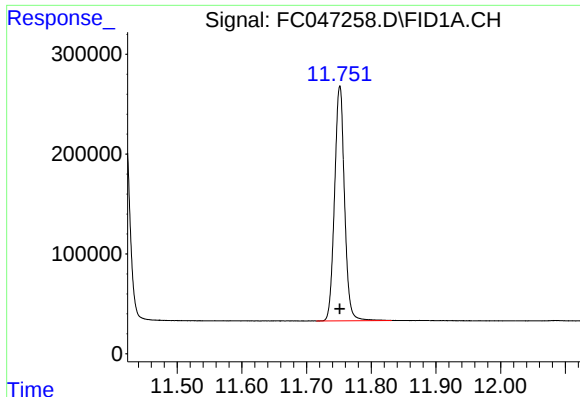
#7 n-Hexadecane (C16)

R.T.: 9.987 min  
Delta R.T.: 0.000 min  
Response: 2389327  
Conc: 23.70 ug/ml



#8 n-Octadecane (C18)

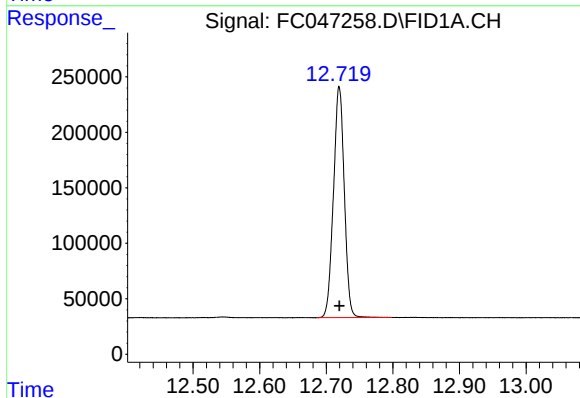
R.T.: 11.419 min  
Delta R.T.: 0.000 min  
Response: 2385878  
Conc: 23.11 ug/ml



#9 ortho-Terphenyl (SURR)

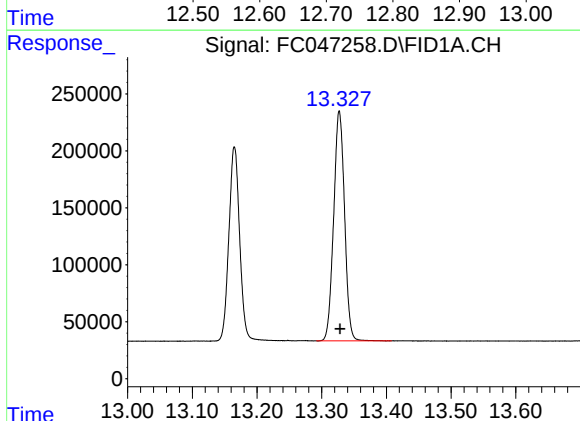
R.T.: 11.751 min  
Delta R.T.: 0.000 min  
Response: 2512486  
Conc: 22.58 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



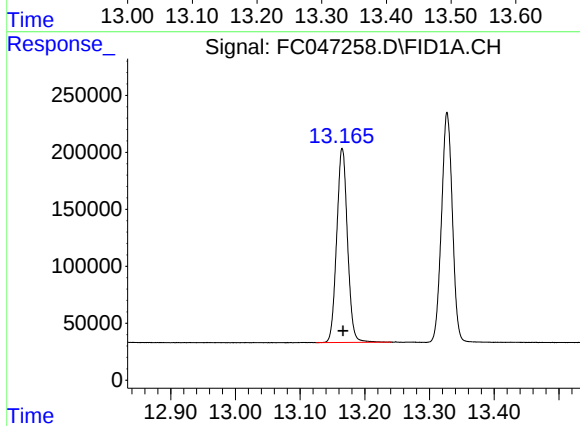
#10 n-Eicosane (C20)

R.T.: 12.719 min  
Delta R.T.: 0.000 min  
Response: 2358252  
Conc: 22.47 ug/ml



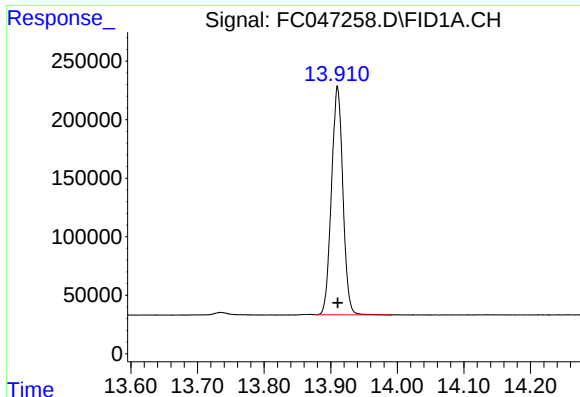
#11 n-Heneicosane (C21)

R.T.: 13.327 min  
Delta R.T.: 0.000 min  
Response: 2358613  
Conc: 22.17 ug/ml



#12 1-chlorooctadecane (SURR)

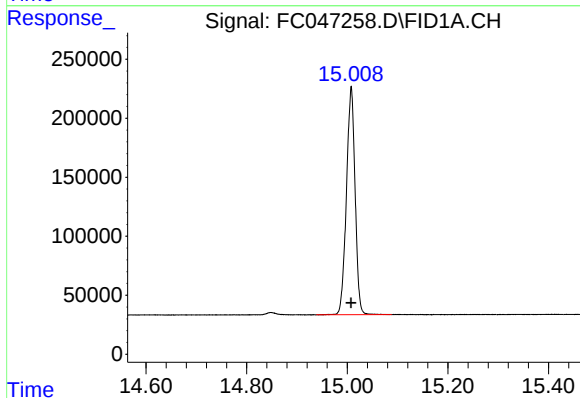
R.T.: 13.165 min  
Delta R.T.: -0.001 min  
Response: 1972487  
Conc: 22.09 ug/ml



#13 n-Docosane (C22)

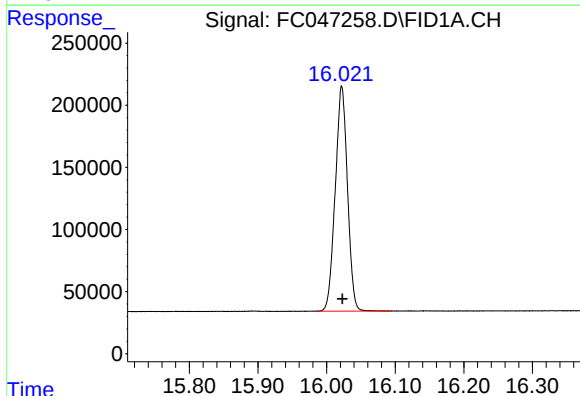
R.T.: 13.910 min  
Delta R.T.: 0.000 min  
Response: 2325654  
Conc: 21.86 ug/ml

Instrument :  
FID\_C  
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20 PPM ALIPHATIC HC STD



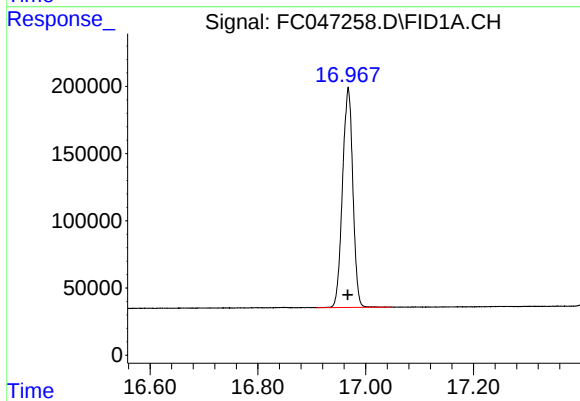
#14 n-Tetracosane (C24)

R.T.: 15.008 min  
Delta R.T.: 0.000 min  
Response: 2307639  
Conc: 21.46 ug/ml



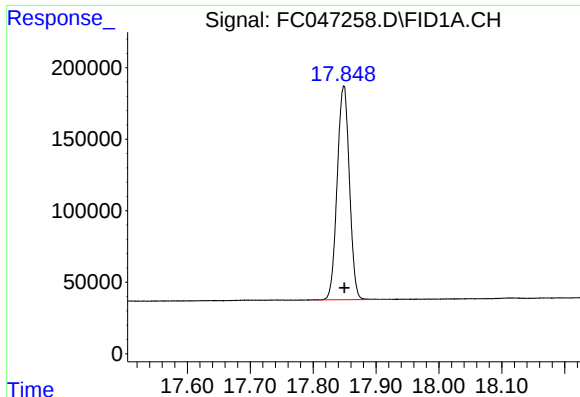
#15 n-Hexacosane (C26)

R.T.: 16.022 min  
Delta R.T.: 0.000 min  
Response: 2241968  
Conc: 20.78 ug/ml



#16 n-Octacosane (C28)

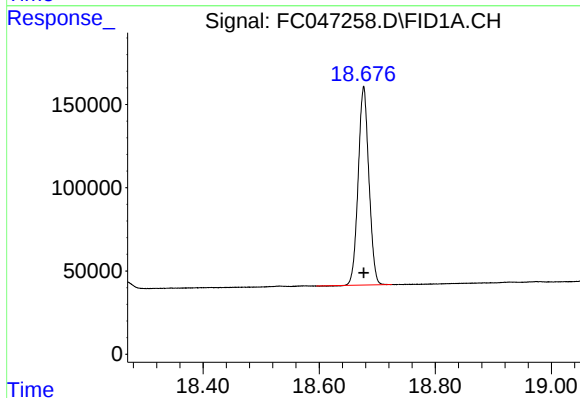
R.T.: 16.968 min  
Delta R.T.: 0.000 min  
Response: 2179464  
Conc: 20.39 ug/ml



#17 n-Tricontane (C30)

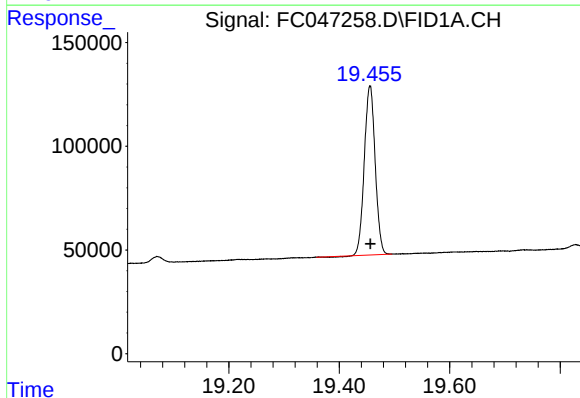
R.T.: 17.849 min  
Delta R.T.: -0.001 min  
Response: 2018915  
Conc: 20.18 ug/ml

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FID\_C  
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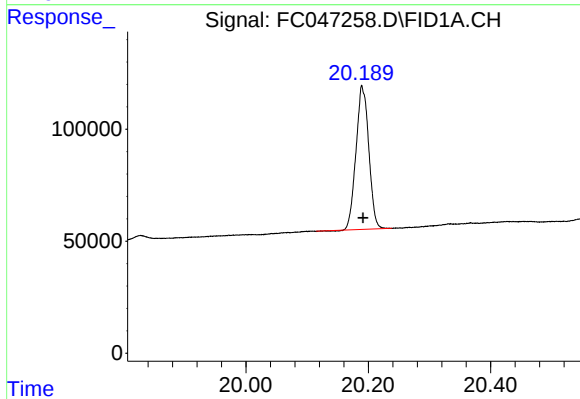
#18 n-Dotriacontane (C32)

R.T.: 18.677 min  
Delta R.T.: 0.000 min  
Response: 1523803  
Conc: 20.00 ug/ml



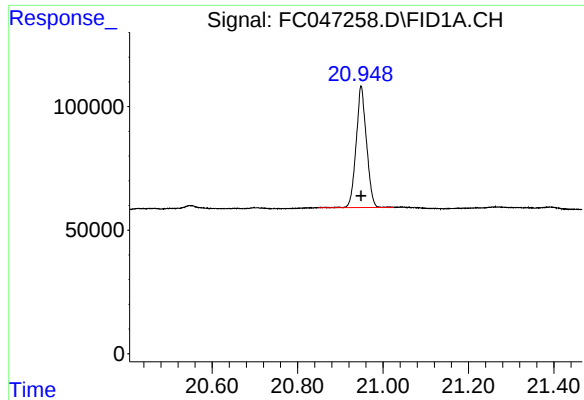
#19 n-Tetratriacontane (C34)

R.T.: 19.456 min  
Delta R.T.: 0.000 min  
Response: 1109786  
Conc: 19.75 ug/ml



#20 n-Hexatriacontane (C36)

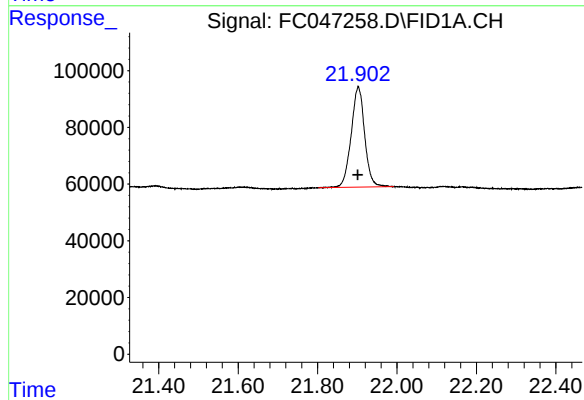
R.T.: 20.191 min  
Delta R.T.: 0.000 min  
Response: 928816  
Conc: 18.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.949 min  
Delta R.T.: 0.000 min  
Response: 821982  
Conc: 18.13 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.902 min  
Delta R.T.: 0.001 min  
Response: 834149  
Conc: 17.78 ug/ml