

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG082923AL\  
 Data File : FG012818.D  
 Signal(s) : FID1A.ch  
 Acq On : 30 Aug 2023 08:46  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 50 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Aug 30 11:19:34 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 081023.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Aug 10 15:32:13 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

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)    | 11.983 | 2632264    | 19.525 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.05%       |
| 12) S 1-chlorooctadecane (S... | 13.423 | 1989342    | 19.073 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.15%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.344  | 2253328    | 21.693 ug/ml |
| 2) T n-Decane (C10)            | 4.596  | 2282946    | 21.765 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.305  | 2444404    | 21.438 ug/ml |
| 4) T n-Dodecane (C12)          | 6.769  | 2309317    | 21.620 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.404  | 2391471    | 20.885 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.602  | 2290424    | 21.317 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.215 | 2326241    | 21.382 ug/ml |
| 8) T n-Octadecane (C18)        | 11.664 | 2319195    | 21.021 ug/ml |
| 10) T n-Eicosane (C20)         | 12.977 | 2231654    | 20.224 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.590 | 2191823    | 19.860 ug/ml |
| 13) T n-Docosane (C22)         | 14.179 | 2154938    | 19.684 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.284 | 2107255    | 19.529 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.307 | 2010232    | 19.141 ug/ml |
| 16) T n-Octacosane (C28)       | 17.259 | 1931864    | 19.082 ug/ml |
| 17) T n-Tricontane (C30)       | 18.148 | 1920389    | 19.279 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.981 | 1894241    | 19.165 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.765 | 1843013    | 20.030 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.506 | 1850950    | 20.616 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.264 | 1870637    | 22.029 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.209 | 1935817    | 23.714 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

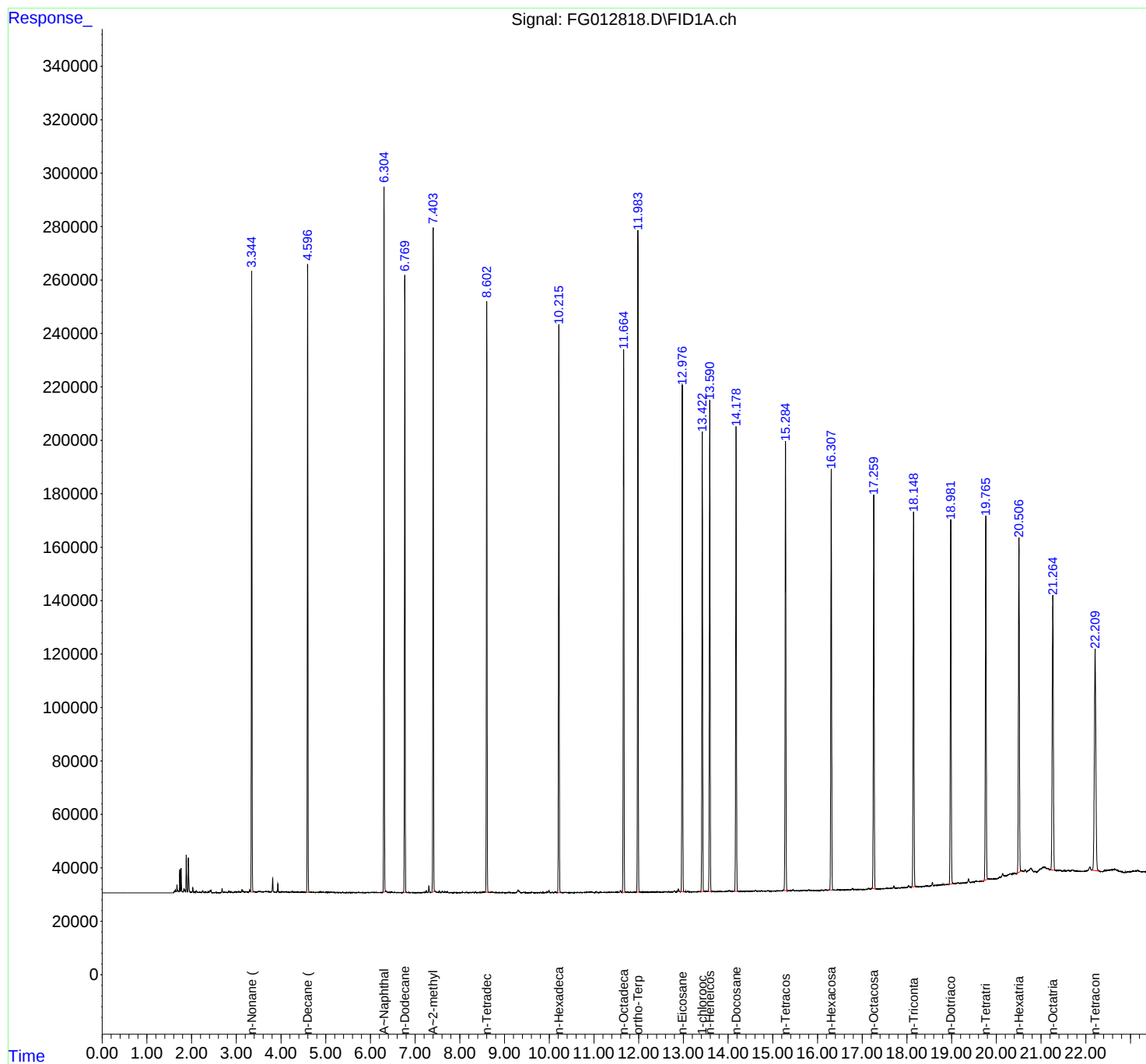
(m)=manual int.

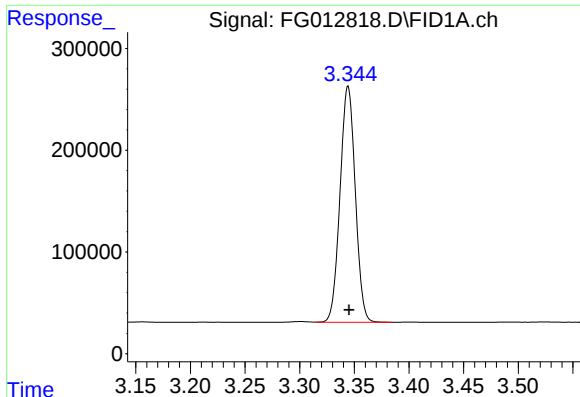
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG082923AL\  
Data File : FG012818.D  
Signal(s) : FID1A.ch  
Acq On : 30 Aug 2023 08:46  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 50 Sample Multiplier: 1

Instrument :  
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Integration File: autoint1.e  
Quant Time: Aug 30 11:19:34 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 081023.M  
Quant Title : GC Extractables  
QLast Update : Thu Aug 10 15:32:13 2023  
Response via : Initial Calibration  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

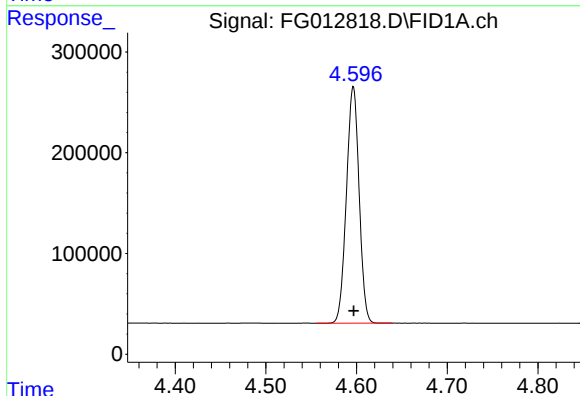




#1 n-Nonane (C9)

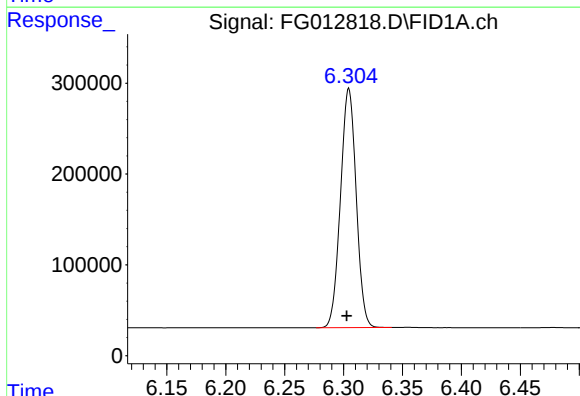
R.T.: 3.344 min  
Delta R.T.: 0.000 min  
Response: 2253328  
Conc: 21.69 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



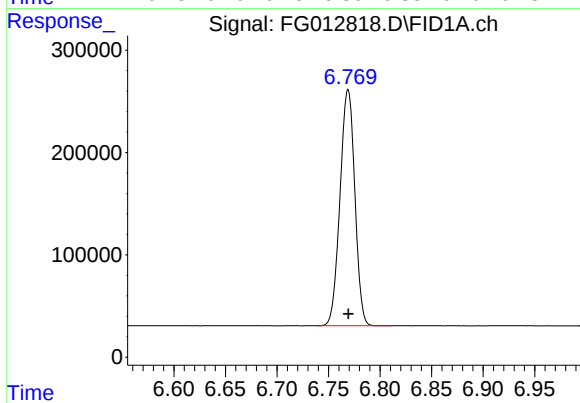
#2 n-Decane (C10)

R.T.: 4.596 min  
Delta R.T.: 0.000 min  
Response: 2282946  
Conc: 21.76 ug/ml



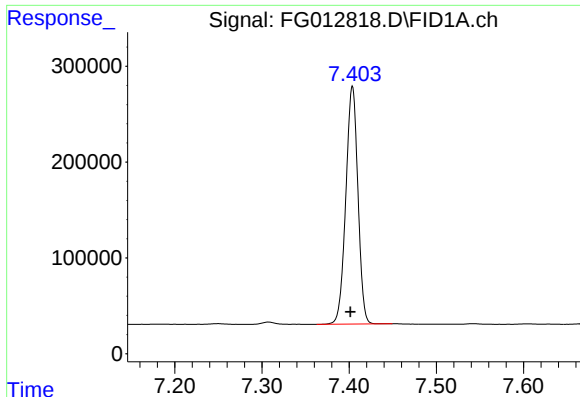
#3 A~Naphthalene (C11.7)

R.T.: 6.305 min  
Delta R.T.: 0.002 min  
Response: 2444404  
Conc: 21.44 ug/ml



#4 n-Dodecane (C12)

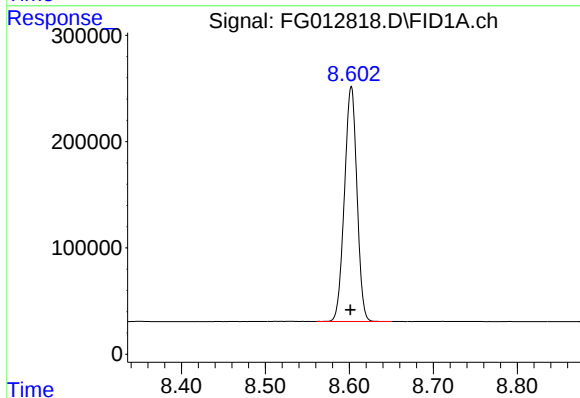
R.T.: 6.769 min  
Delta R.T.: 0.000 min  
Response: 2309317  
Conc: 21.62 ug/ml



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

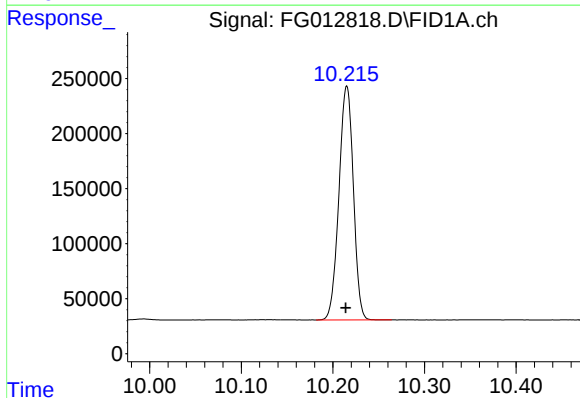
R.T.: 7.404 min  
Delta R.T.: 0.002 min  
Response: 2391471  
Conc: 20.89 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



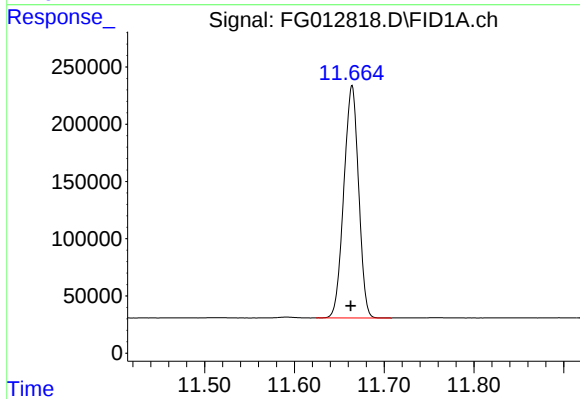
#6 n-Tetradecane (C14)

R.T.: 8.602 min  
Delta R.T.: 0.001 min  
Response: 2290424  
Conc: 21.32 ug/ml



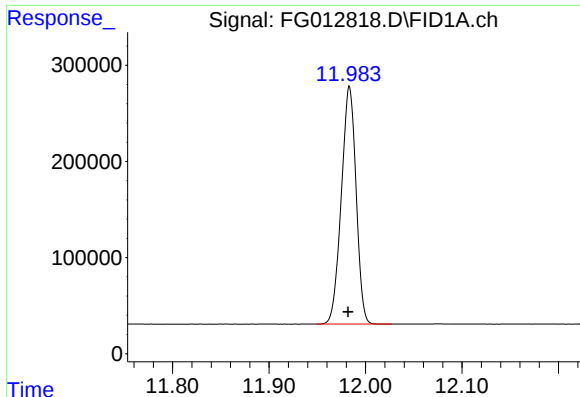
#7 n-Hexadecane (C16)

R.T.: 10.215 min  
Delta R.T.: 0.001 min  
Response: 2326241  
Conc: 21.38 ug/ml



#8 n-Octadecane (C18)

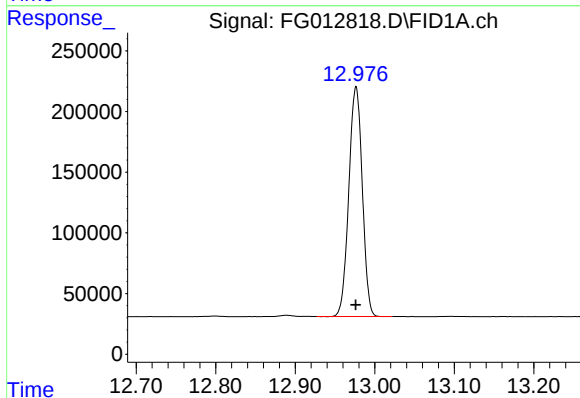
R.T.: 11.664 min  
Delta R.T.: 0.002 min  
Response: 2319195  
Conc: 21.02 ug/ml



#9 ortho-Terphenyl (SURR)

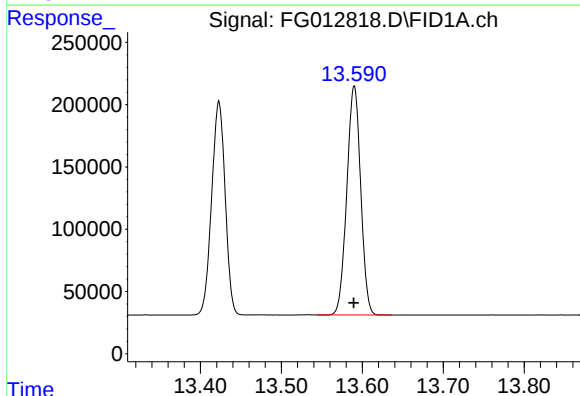
R.T.: 11.983 min  
Delta R.T.: 0.002 min  
Response: 2632264  
Conc: 19.53 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



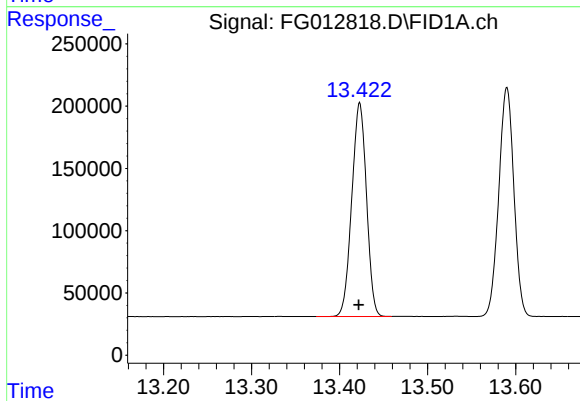
#10 n-Eicosane (C20)

R.T.: 12.977 min  
Delta R.T.: 0.000 min  
Response: 2231654  
Conc: 20.22 ug/ml



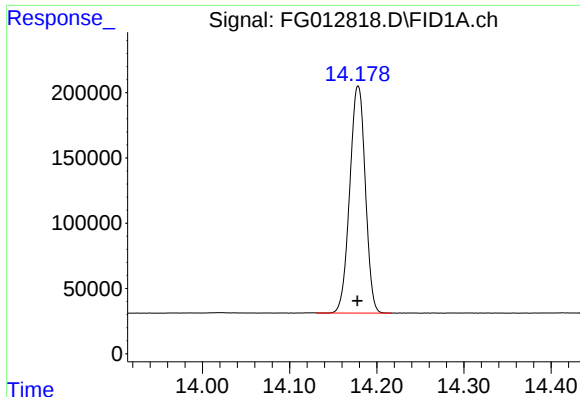
#11 n-Heneicosane (C21)

R.T.: 13.590 min  
Delta R.T.: 0.000 min  
Response: 2191823  
Conc: 19.86 ug/ml



#12 1-chlorooctadecane (SURR)

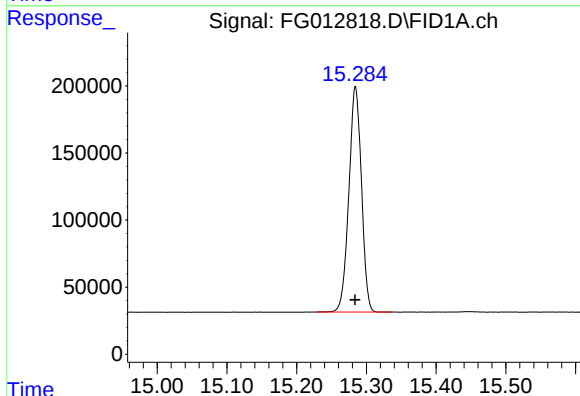
R.T.: 13.423 min  
Delta R.T.: 0.000 min  
Response: 1989342  
Conc: 19.07 ug/ml



#13 n-Docosane (C22)

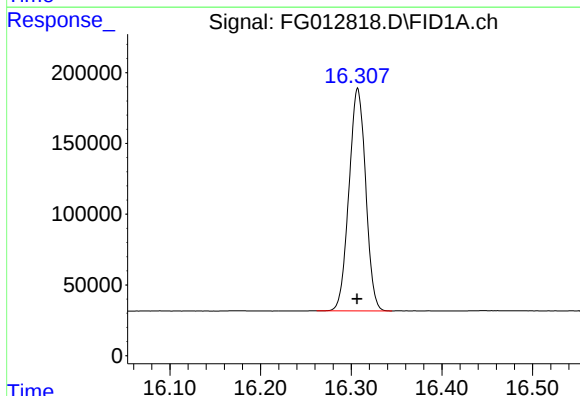
R.T.: 14.179 min  
Delta R.T.: 0.000 min  
Response: 2154938  
Conc: 19.68 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



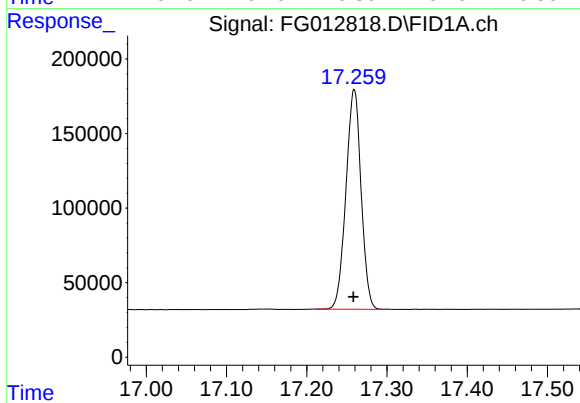
#14 n-Tetracosane (C24)

R.T.: 15.284 min  
Delta R.T.: 0.000 min  
Response: 2107255  
Conc: 19.53 ug/ml



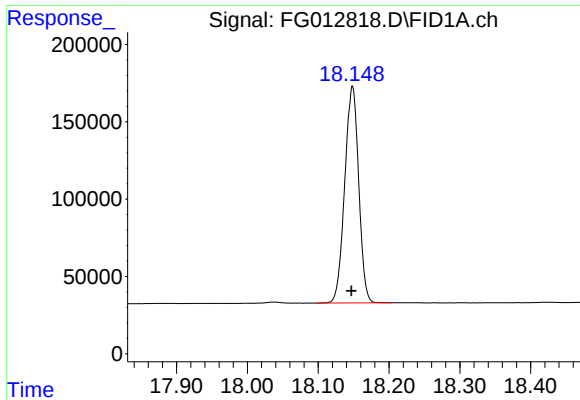
#15 n-Hexacosane (C26)

R.T.: 16.307 min  
Delta R.T.: 0.000 min  
Response: 2010232  
Conc: 19.14 ug/ml



#16 n-Octacosane (C28)

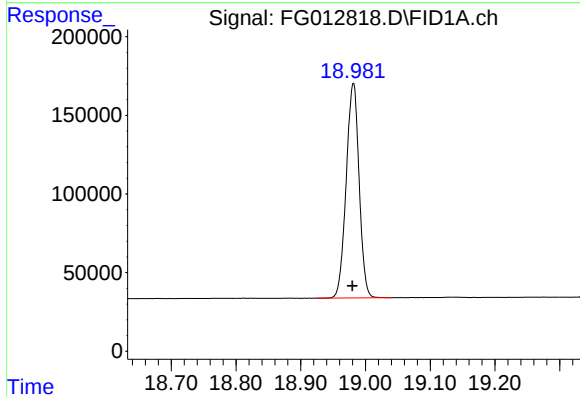
R.T.: 17.259 min  
Delta R.T.: 0.001 min  
Response: 1931864  
Conc: 19.08 ug/ml



#17 n-Tricontane (C30)

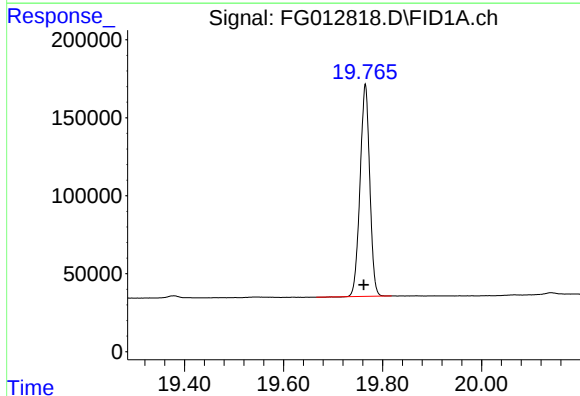
R.T.: 18.148 min  
Delta R.T.: 0.001 min  
Response: 1920389  
Conc: 19.28 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



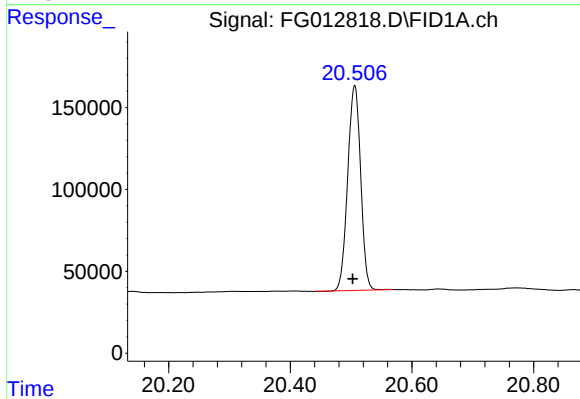
#18 n-Dotriacontane (C32)

R.T.: 18.981 min  
Delta R.T.: 0.001 min  
Response: 1894241  
Conc: 19.16 ug/ml



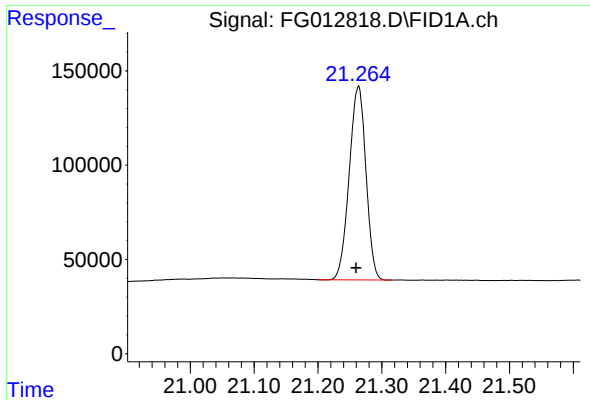
#19 n-Tetratriacontane (C34)

R.T.: 19.765 min  
Delta R.T.: 0.003 min  
Response: 1843013  
Conc: 20.03 ug/ml



#20 n-Hexatriacontane (C36)

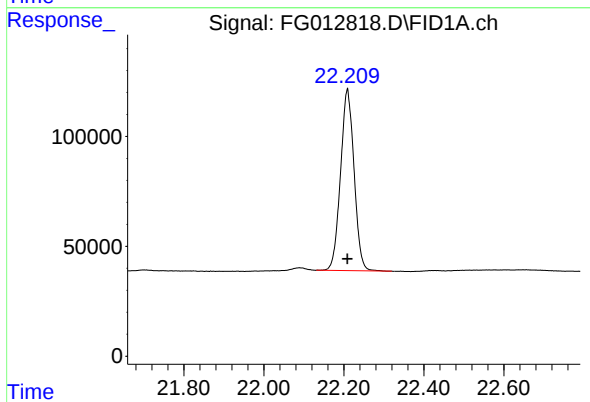
R.T.: 20.506 min  
Delta R.T.: 0.003 min  
Response: 1850950  
Conc: 20.62 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.264 min  
Delta R.T.: 0.004 min  
Response: 1870637  
Conc: 22.03 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.209 min  
Delta R.T.: 0.000 min  
Response: 1935817  
Conc: 23.71 ug/ml