

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG100125AL\  
 Data File : FG016719.D  
 Signal(s) : FID1A.ch  
 Acq On : 01 Oct 2025 10:43  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Oct 01 15:21:41 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 092425.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 24 16:20:58 2025  
 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)    | 12.055 | 2620662    | 18.373 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.75%       |
| 12) S 1-chlorooctadecane (S... | 13.502 | 2029953    | 17.984 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.97%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.373  | 2119915    | 18.681 ug/ml |
| 2) T n-Decane (C10)            | 4.635  | 2170706    | 18.769 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.354  | 2287715    | 18.555 ug/ml |
| 4) T n-Dodecane (C12)          | 6.818  | 2203490    | 18.773 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.458  | 2136442    | 18.469 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.658  | 2196624    | 18.723 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.279 | 2325160    | 18.766 ug/ml |
| 8) T n-Octadecane (C18)        | 11.733 | 2417360    | 18.570 ug/ml |
| 10) T n-Eicosane (C20)         | 13.052 | 2361308    | 18.266 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.669 | 2322833    | 18.089 ug/ml |
| 13) T n-Docosane (C22)         | 14.260 | 2340585    | 18.152 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.371 | 2387252    | 18.304 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.399 | 2323178    | 17.997 ug/ml |
| 16) T n-Octacosane (C28)       | 17.355 | 2287790    | 18.028 ug/ml |
| 17) T n-Tricontane (C30)       | 18.249 | 2418025    | 18.898 ug/ml |
| 18) T n-Dotriacontane (C32)    | 19.086 | 2435219    | 19.884 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.874 | 2152958    | 19.818 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.618 | 1790992    | 19.709 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.398 | 1531768    | 18.808 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.388 | 1400762    | 18.159 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

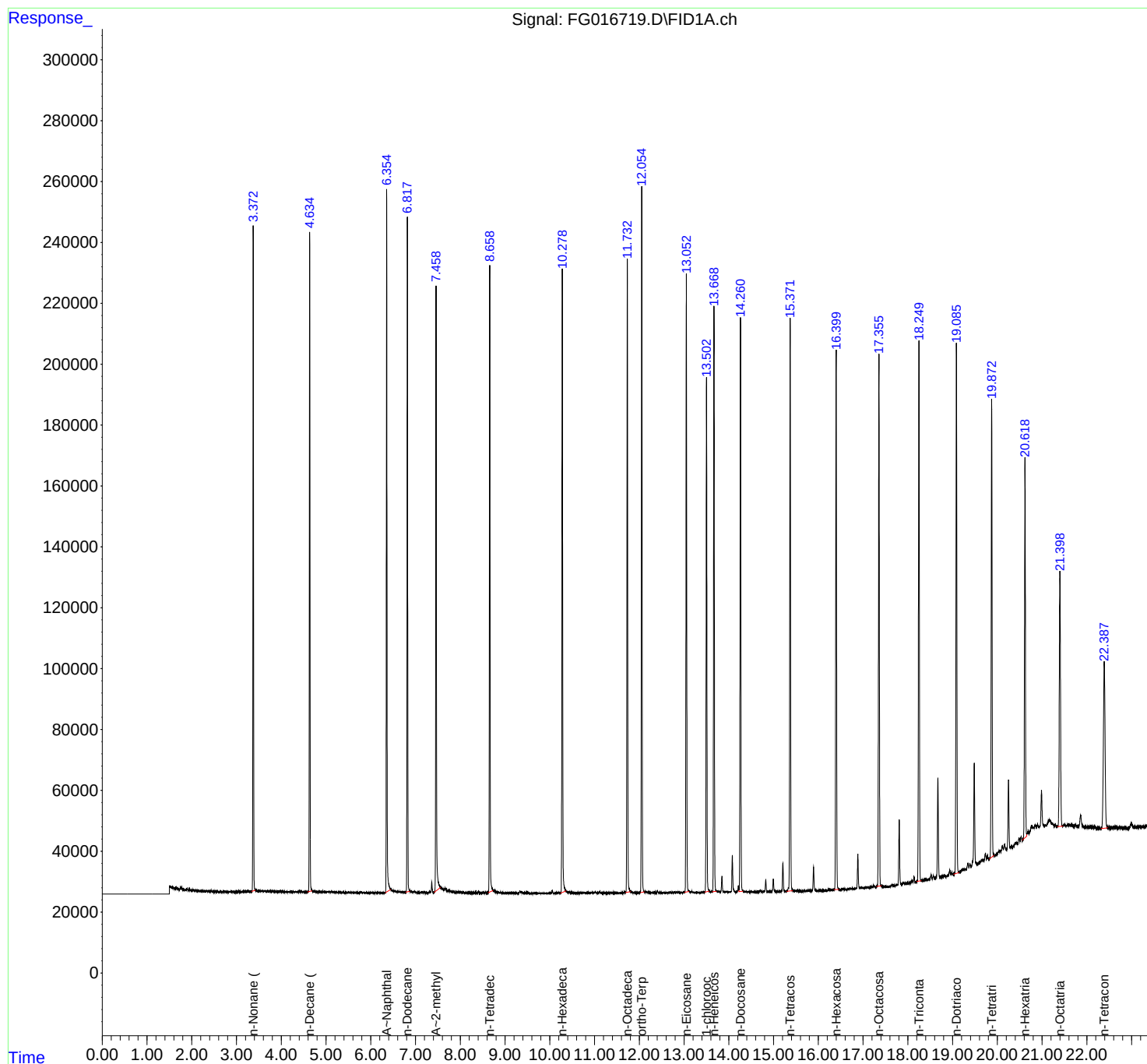
(m)=manual int.

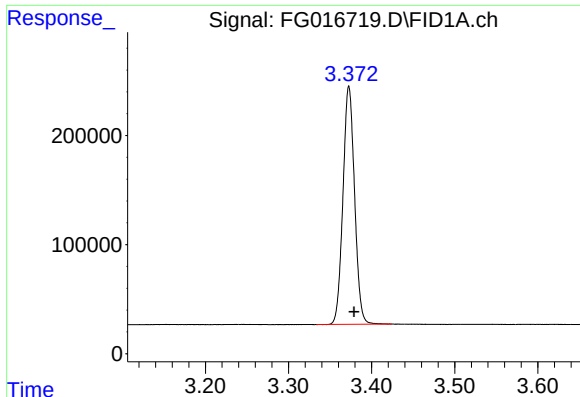
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG100125AL\  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

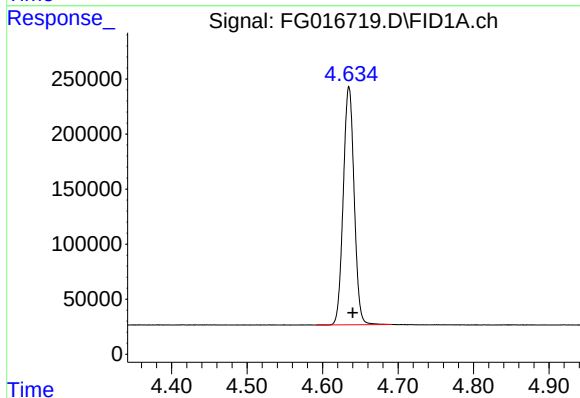




#1 n-Nonane (C9)

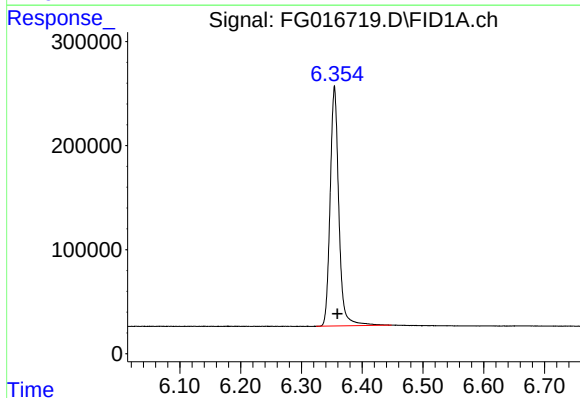
R.T.: 3.373 min  
Delta R.T.: -0.006 min  
Response: 2119915  
Conc: 18.68 ug/ml

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



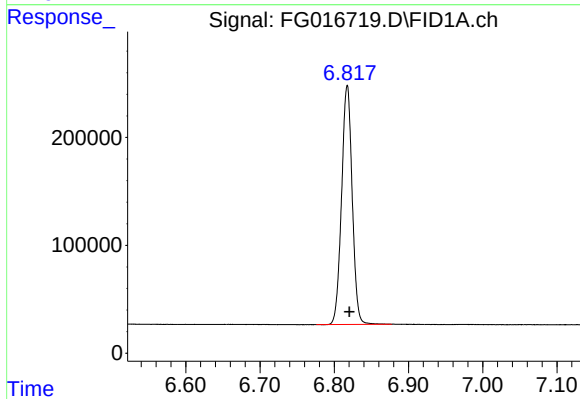
#2 n-Decane (C10)

R.T.: 4.635 min  
Delta R.T.: -0.005 min  
Response: 2170706  
Conc: 18.77 ug/ml



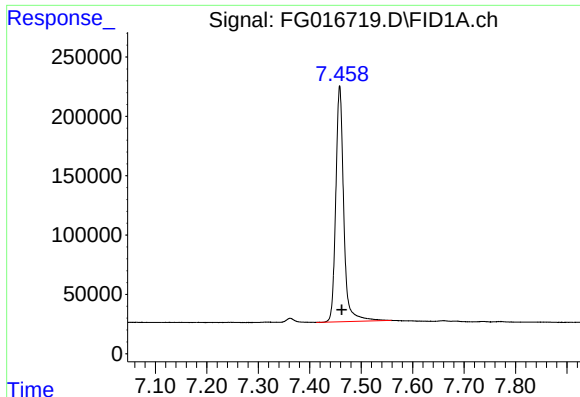
#3 A~Naphthalene (C11.7)

R.T.: 6.354 min  
Delta R.T.: -0.005 min  
Response: 2287715  
Conc: 18.56 ug/ml



#4 n-Dodecane (C12)

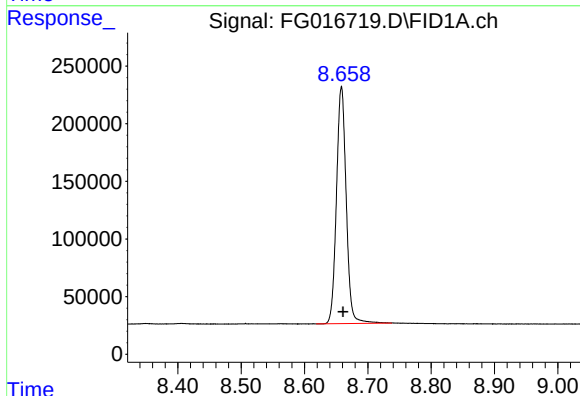
R.T.: 6.818 min  
Delta R.T.: -0.003 min  
Response: 2203490  
Conc: 18.77 ug/ml



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

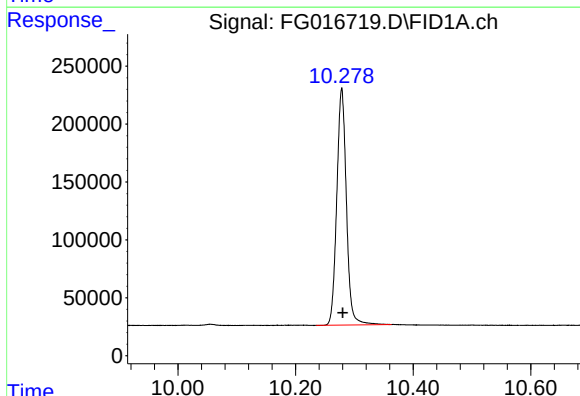
R.T.: 7.458 min  
Delta R.T.: -0.004 min  
Response: 2136442  
Conc: 18.47 ug/ml

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



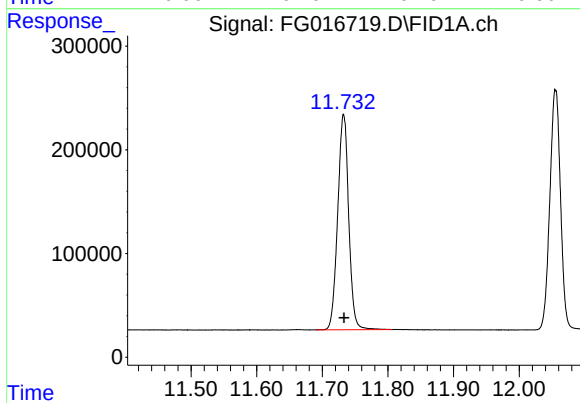
#6 n-Tetradecane (C14)

R.T.: 8.658 min  
Delta R.T.: -0.002 min  
Response: 2196624  
Conc: 18.72 ug/ml



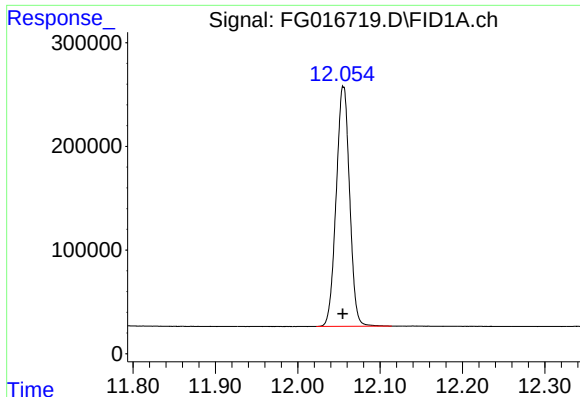
#7 n-Hexadecane (C16)

R.T.: 10.279 min  
Delta R.T.: -0.002 min  
Response: 2325160  
Conc: 18.77 ug/ml



#8 n-Octadecane (C18)

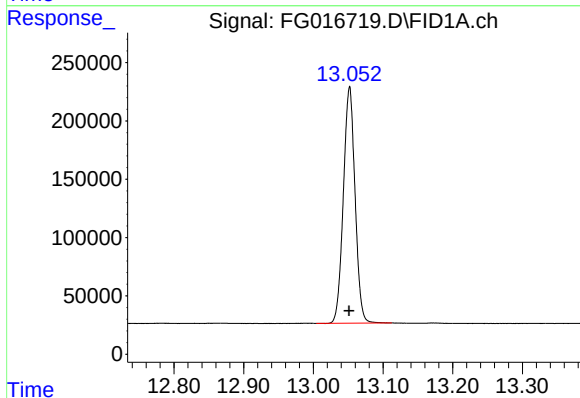
R.T.: 11.733 min  
Delta R.T.: 0.000 min  
Response: 2417360  
Conc: 18.57 ug/ml



#9 ortho-Terphenyl (SURR)

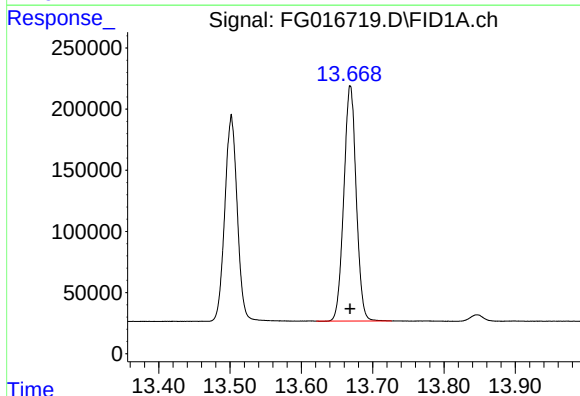
R.T.: 12.055 min  
Delta R.T.: 0.000 min  
Response: 2620662  
Conc: 18.37 ug/ml

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



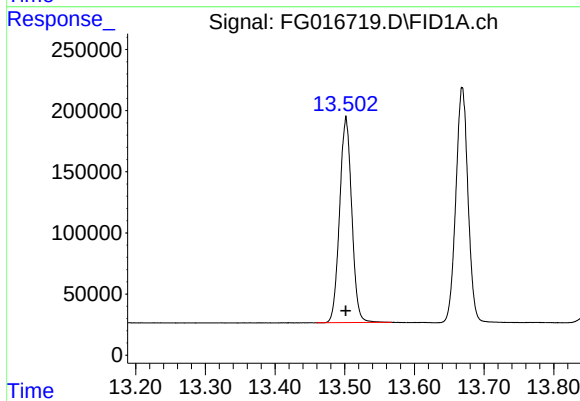
#10 n-Eicosane (C20)

R.T.: 13.052 min  
Delta R.T.: 0.000 min  
Response: 2361308  
Conc: 18.27 ug/ml



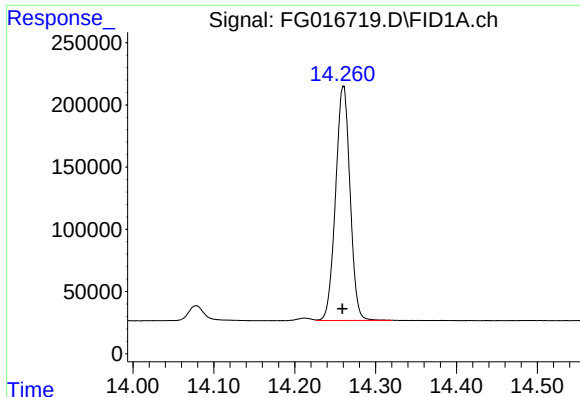
#11 n-Heneicosane (C21)

R.T.: 13.669 min  
Delta R.T.: 0.000 min  
Response: 2322833  
Conc: 18.09 ug/ml



#12 1-chlorooctadecane (SURR)

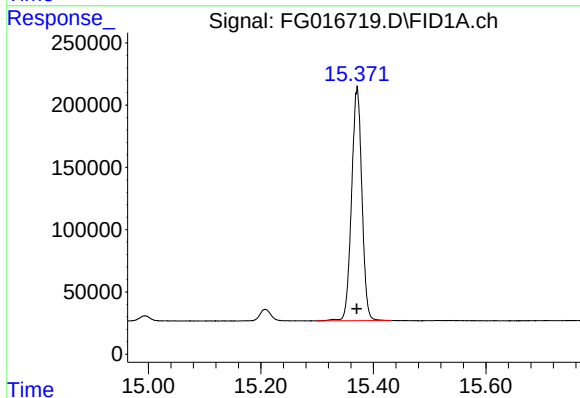
R.T.: 13.502 min  
Delta R.T.: 0.000 min  
Response: 2029953  
Conc: 17.98 ug/ml



#13 n-Docosane (C22)

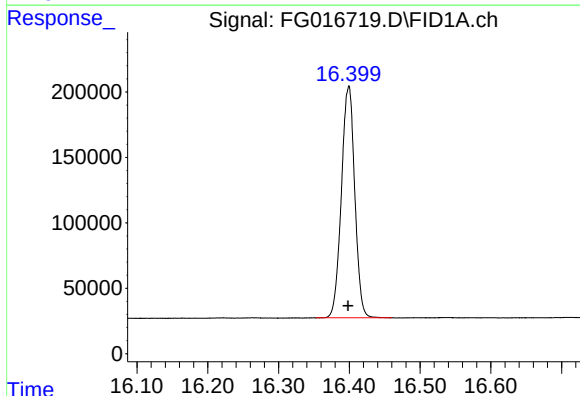
R.T.: 14.260 min  
Delta R.T.: 0.001 min  
Response: 2340585  
Conc: 18.15 ug/ml

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



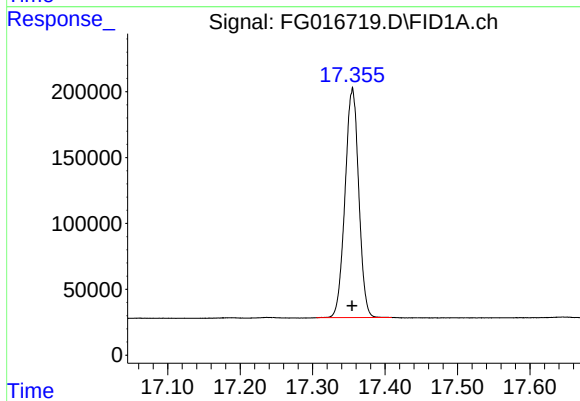
#14 n-Tetracosane (C24)

R.T.: 15.371 min  
Delta R.T.: 0.000 min  
Response: 2387252  
Conc: 18.30 ug/ml



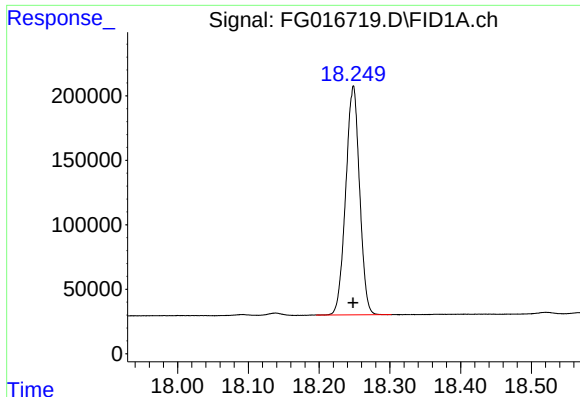
#15 n-Hexacosane (C26)

R.T.: 16.399 min  
Delta R.T.: 0.001 min  
Response: 2323178  
Conc: 18.00 ug/ml



#16 n-Octacosane (C28)

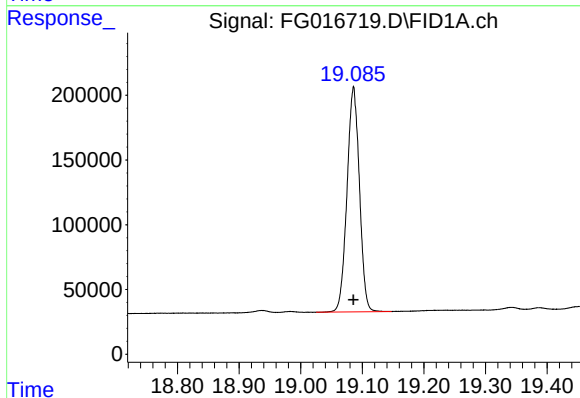
R.T.: 17.355 min  
Delta R.T.: 0.000 min  
Response: 2287790  
Conc: 18.03 ug/ml



#17 n-Tricontane (C30)

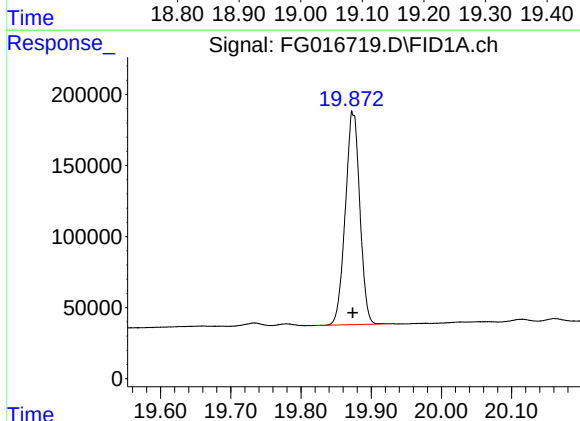
R.T.: 18.249 min  
Delta R.T.: 0.000 min  
Response: 2418025  
Conc: 18.90 ug/ml

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



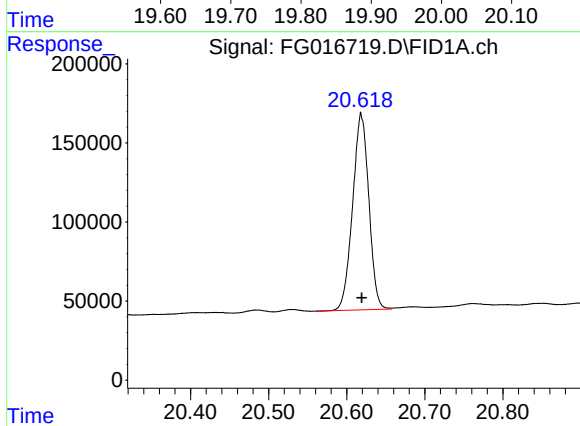
#18 n-Dotriacontane (C32)

R.T.: 19.086 min  
Delta R.T.: 0.000 min  
Response: 2435219  
Conc: 19.88 ug/ml



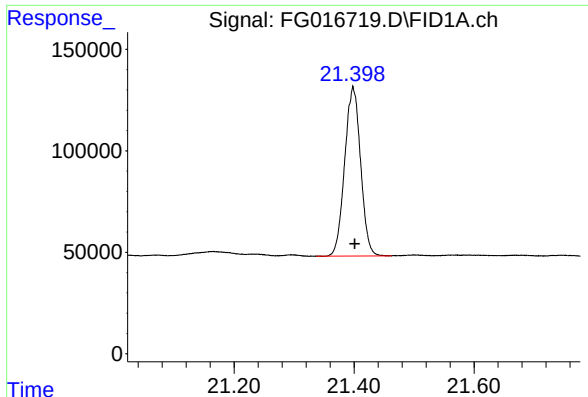
#19 n-Tetratriacontane (C34)

R.T.: 19.874 min  
Delta R.T.: 0.000 min  
Response: 2152958  
Conc: 19.82 ug/ml



#20 n-Hexatriacontane (C36)

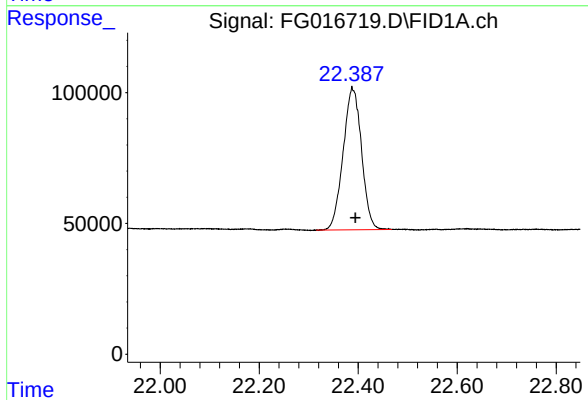
R.T.: 20.618 min  
Delta R.T.: 0.000 min  
Response: 1790992  
Conc: 19.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.398 min  
Delta R.T.: -0.003 min  
Response: 1531768  
Conc: 18.81 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
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#22 n-Tetracontane (C40)

R.T.: 22.388 min  
Delta R.T.: -0.006 min  
Response: 1400762  
Conc: 18.16 ug/ml