

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG012825AL\  
 Data File : FG015187.D  
 Signal(s) : FID1A.ch  
 Acq On : 28 Jan 2025 17:46  
 Operator : YP\AJ  
 Sample : Q1168-01  
 Misc : 4 PPM SOIL LOD  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Jan 29 02:35:46 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 011425.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jan 14 11:45:29 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    |        |            |              |
| 12) S 1-chlorooctadecane (S... | 13.384 | 4279646    | 35.148 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 70.30%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.281  | 296120     | 2.281 ug/ml  |
| 2) T n-Decane (C10)            | 4.540  | 349436     | 2.630 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.719  | 411670     | 3.028 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.555  | 418835     | 3.046 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.170 | 432353     | 2.984 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.620 | 466471     | 3.139 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.935 | 467273     | 3.255 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.550 | 450336     | 3.185 ug/ml  |
| 13) T n-Docosane (C22)         | 14.138 | 446378     | 3.175 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.246 | 440972     | 3.168 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.271 | 425365     | 3.140 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.222 | 417630     | 3.174 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.114 | 423287     | 3.191 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.948 | 420777     | 3.336 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.734 | 405039     | 3.720 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.476 | 385663     | 4.131 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.226 | 376748     | 4.293 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.164 | 352286     | 4.156 ug/ml  |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

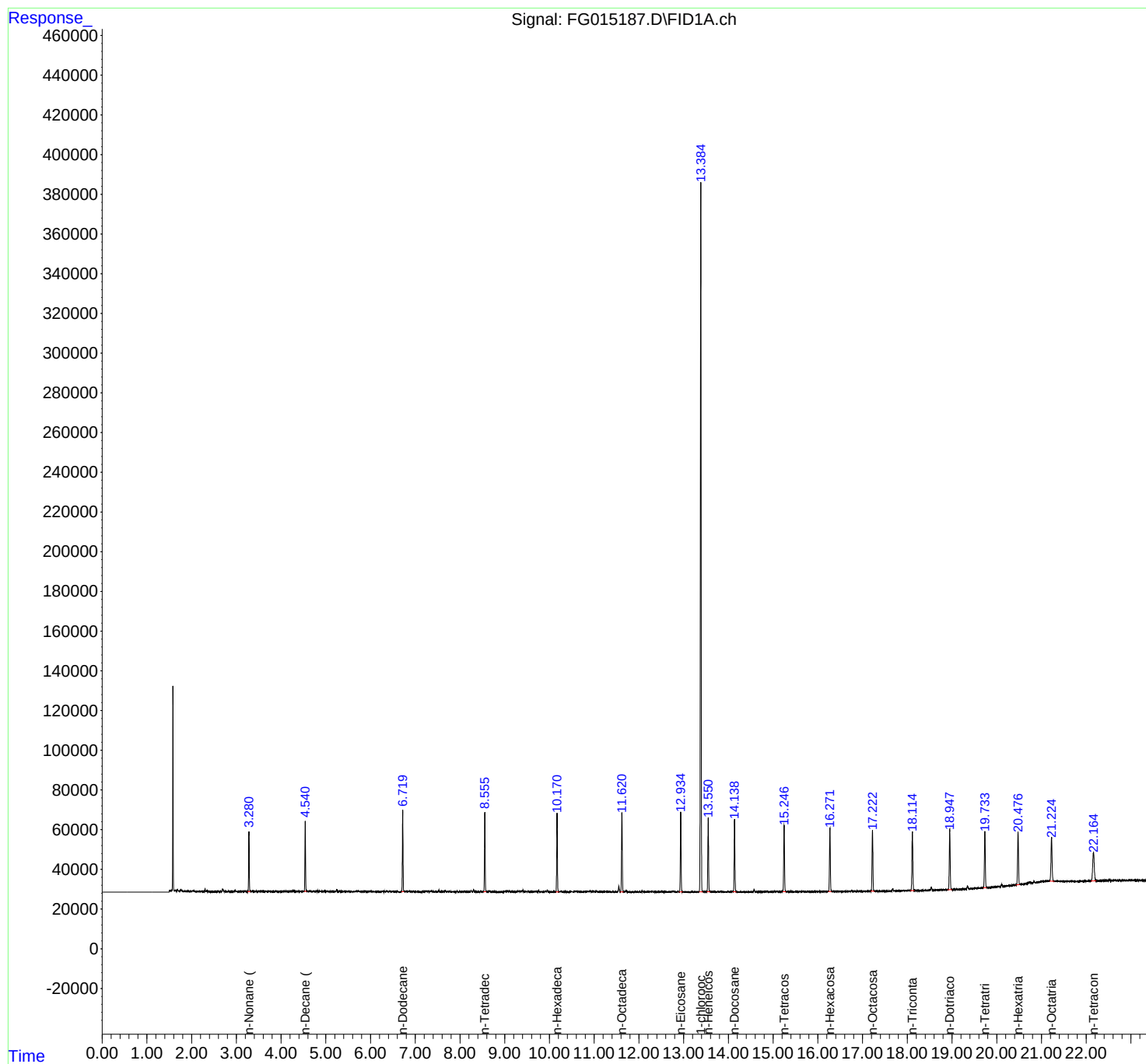
(m)=manual int.

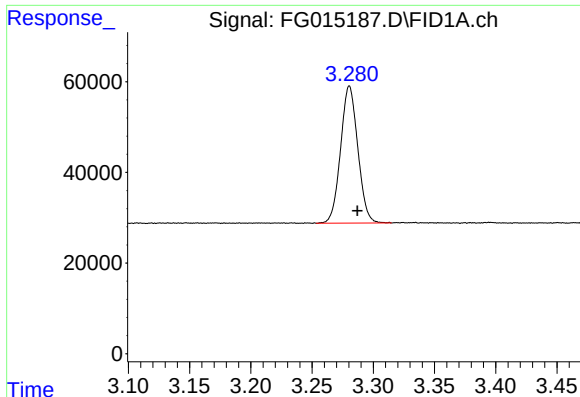
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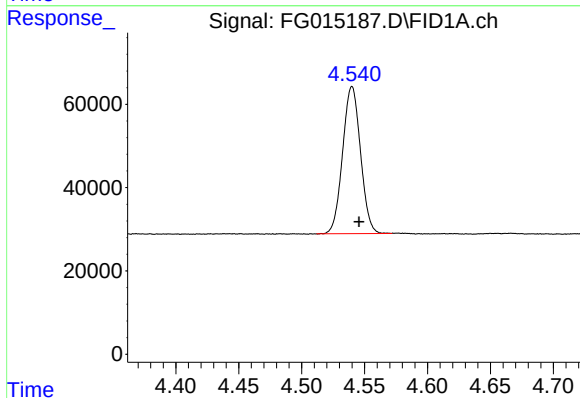




#1 n-Nonane (C9)

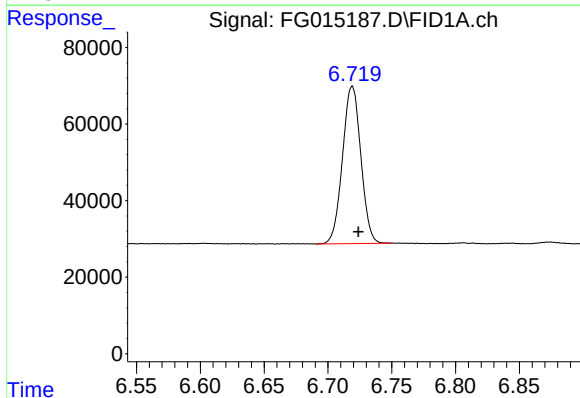
R.T.: 3.281 min  
Delta R.T.: -0.006 min  
Response: 296120  
Conc: 2.28 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



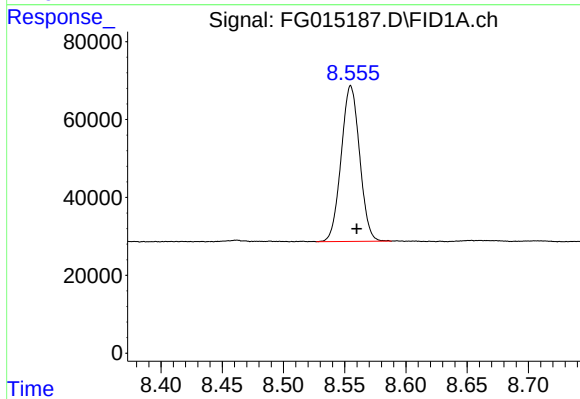
#2 n-Decane (C10)

R.T.: 4.540 min  
Delta R.T.: -0.006 min  
Response: 349436  
Conc: 2.63 ug/ml



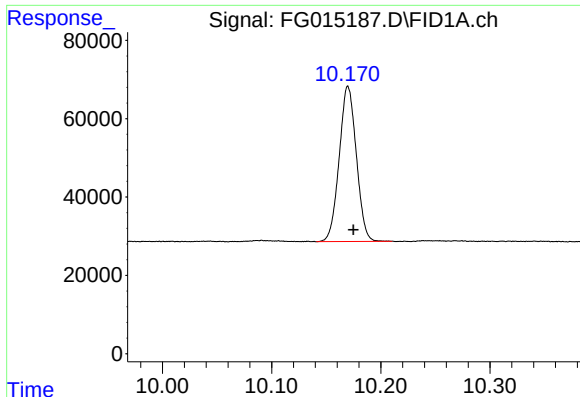
#4 n-Dodecane (C12)

R.T.: 6.719 min  
Delta R.T.: -0.005 min  
Response: 411670  
Conc: 3.03 ug/ml



#6 n-Tetradecane (C14)

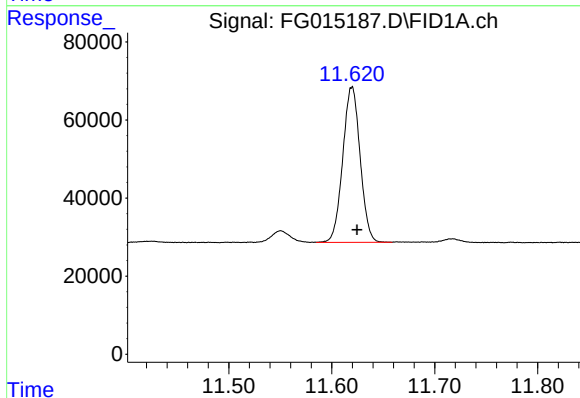
R.T.: 8.555 min  
Delta R.T.: -0.005 min  
Response: 418835  
Conc: 3.05 ug/ml



#7 n-Hexadecane (C16)

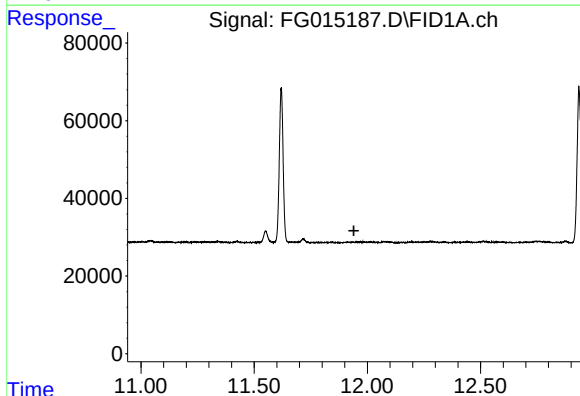
R.T.: 10.170 min  
Delta R.T.: -0.005 min  
Response: 432353  
Conc: 2.98 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



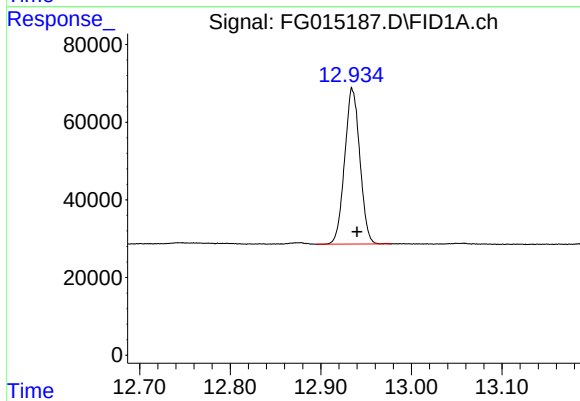
#8 n-Octadecane (C18)

R.T.: 11.620 min  
Delta R.T.: -0.005 min  
Response: 466471  
Conc: 3.14 ug/ml



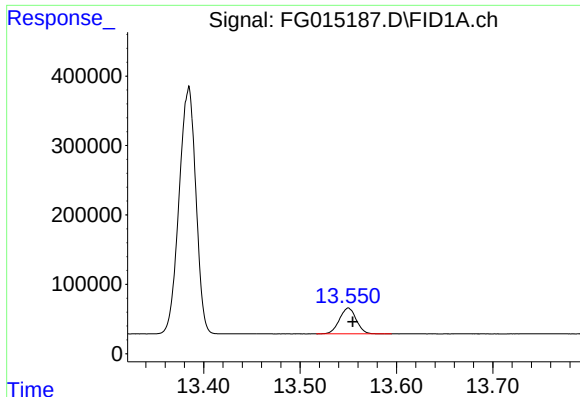
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min  
Exp R.T. : 11.940 min  
Response: 0  
Conc: N.D.



#10 n-Eicosane (C20)

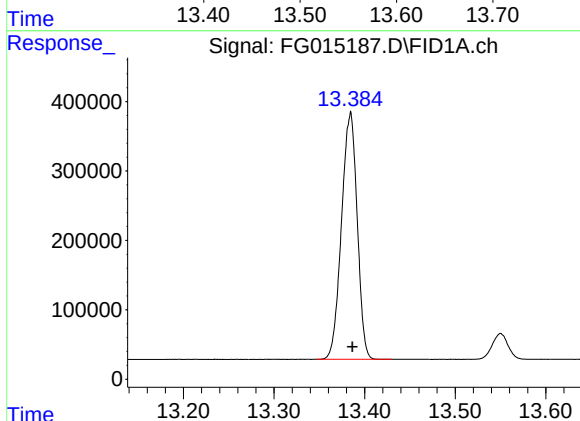
R.T.: 12.935 min  
Delta R.T.: -0.005 min  
Response: 467273  
Conc: 3.26 ug/ml



#11 n-Heneicosane (C21)

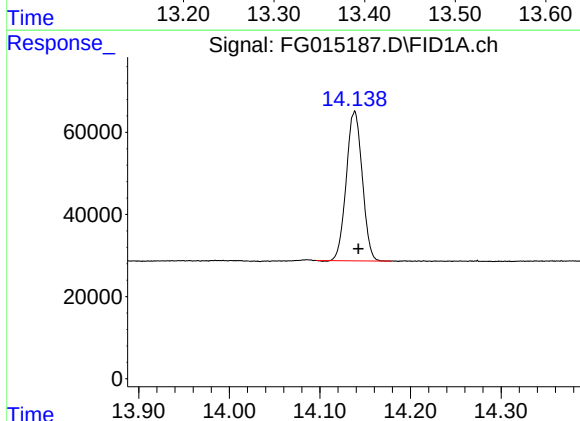
R.T.: 13.550 min  
Delta R.T.: -0.004 min  
Response: 450336  
Conc: 3.18 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



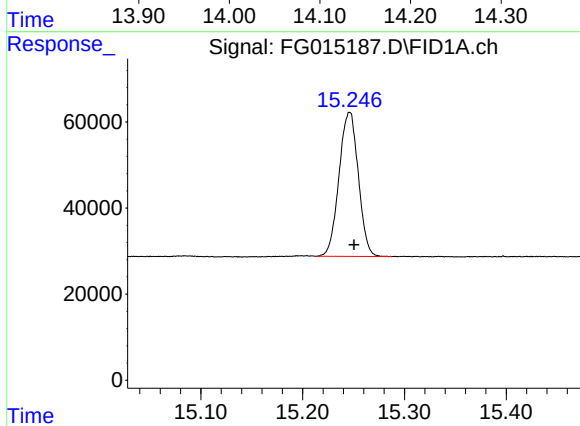
#12 1-chlorooctadecane (SURR)

R.T.: 13.384 min  
Delta R.T.: -0.002 min  
Response: 4279646  
Conc: 35.15 ug/ml



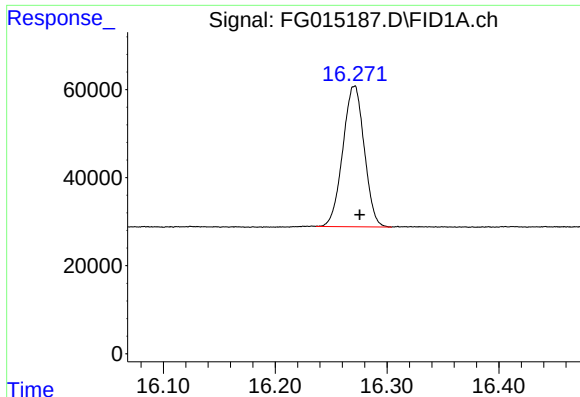
#13 n-Docosane (C22)

R.T.: 14.138 min  
Delta R.T.: -0.004 min  
Response: 446378  
Conc: 3.17 ug/ml



#14 n-Tetracosane (C24)

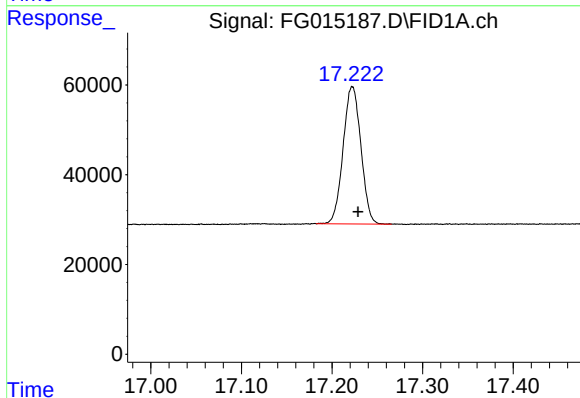
R.T.: 15.246 min  
Delta R.T.: -0.004 min  
Response: 440972  
Conc: 3.17 ug/ml



#15 n-Hexacosane (C26)

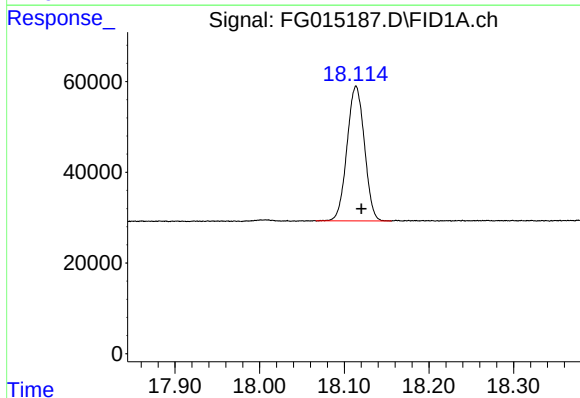
R.T.: 16.271 min  
Delta R.T.: -0.005 min  
Response: 425365  
Conc: 3.14 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



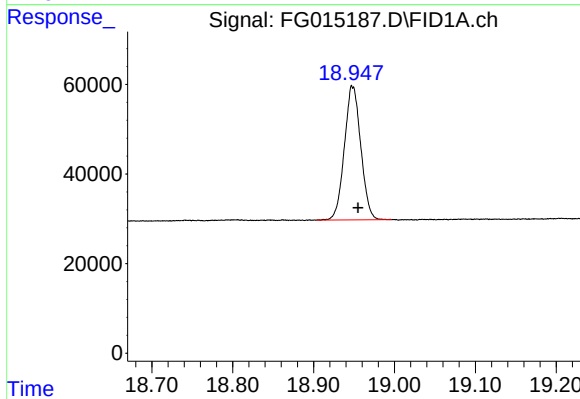
#16 n-Octacosane (C28)

R.T.: 17.222 min  
Delta R.T.: -0.006 min  
Response: 417630  
Conc: 3.17 ug/ml



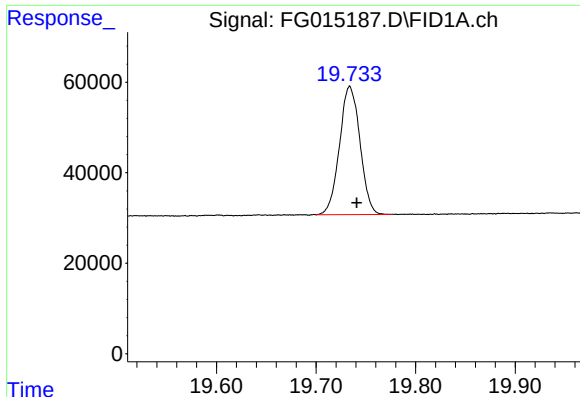
#17 n-Tricontane (C30)

R.T.: 18.114 min  
Delta R.T.: -0.006 min  
Response: 423287  
Conc: 3.19 ug/ml



#18 n-Dotriacontane (C32)

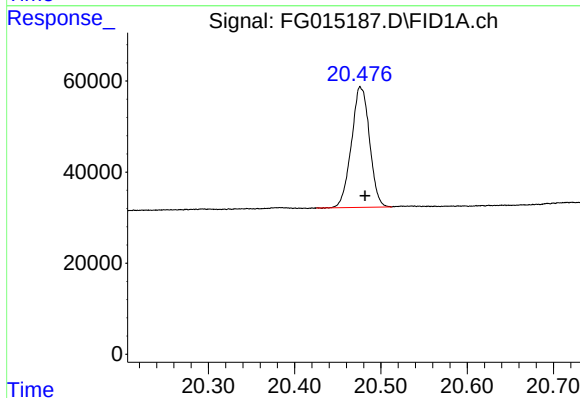
R.T.: 18.948 min  
Delta R.T.: -0.007 min  
Response: 420777  
Conc: 3.34 ug/ml



#19 n-Tetratriacontane (C34)

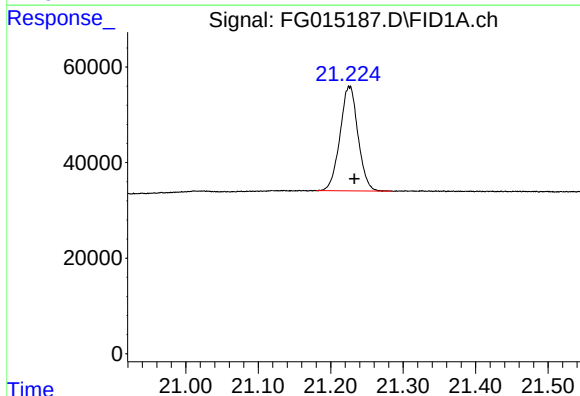
R.T.: 19.734 min  
Delta R.T.: -0.007 min  
Response: 405039  
Conc: 3.72 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



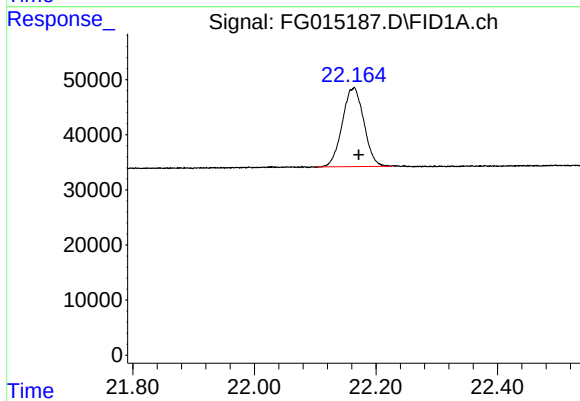
#20 n-Hexatriacontane (C36)

R.T.: 20.476 min  
Delta R.T.: -0.005 min  
Response: 385663  
Conc: 4.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.226 min  
Delta R.T.: -0.007 min  
Response: 376748  
Conc: 4.29 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.164 min  
Delta R.T.: -0.007 min  
Response: 352286  
Conc: 4.16 ug/ml