

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG021224AL\  
 Data File : FG013496.D  
 Signal(s) : FID1A.ch  
 Acq On : 12 Feb 2024 18:18  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 66 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Feb 12 22:43:46 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 021224.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Feb 12 22:40:01 2024  
 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)    | 11.966 | 2832685    | 19.691 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.38%       |
| 12) S 1-chlorooctadecane (S... | 13.408 | 2159976    | 19.798 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.60%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.329  | 2555750    | 19.766 ug/ml |
| 2) T n-Decane (C10)            | 4.582  | 2617297    | 19.794 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.288  | 2863007    | 19.764 ug/ml |
| 4) T n-Dodecane (C12)          | 6.752  | 2646326    | 19.755 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.386  | 2770857    | 19.748 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.585  | 2627257    | 19.730 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.198 | 2707190    | 19.700 ug/ml |
| 8) T n-Octadecane (C18)        | 11.646 | 2727825    | 19.707 ug/ml |
| 10) T n-Eicosane (C20)         | 12.961 | 2609123    | 19.734 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.576 | 2558696    | 19.746 ug/ml |
| 13) T n-Docosane (C22)         | 14.164 | 2535879    | 19.759 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.272 | 2494792    | 19.803 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.297 | 2420120    | 19.829 ug/ml |
| 16) T n-Octacosane (C28)       | 17.250 | 2333766    | 19.854 ug/ml |
| 17) T n-Tricontane (C30)       | 18.142 | 2323338    | 19.802 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.977 | 2241211    | 19.803 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.763 | 2156313    | 19.846 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.506 | 2070091    | 19.910 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.261 | 2059061    | 19.906 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.203 | 2042533    | 19.999 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

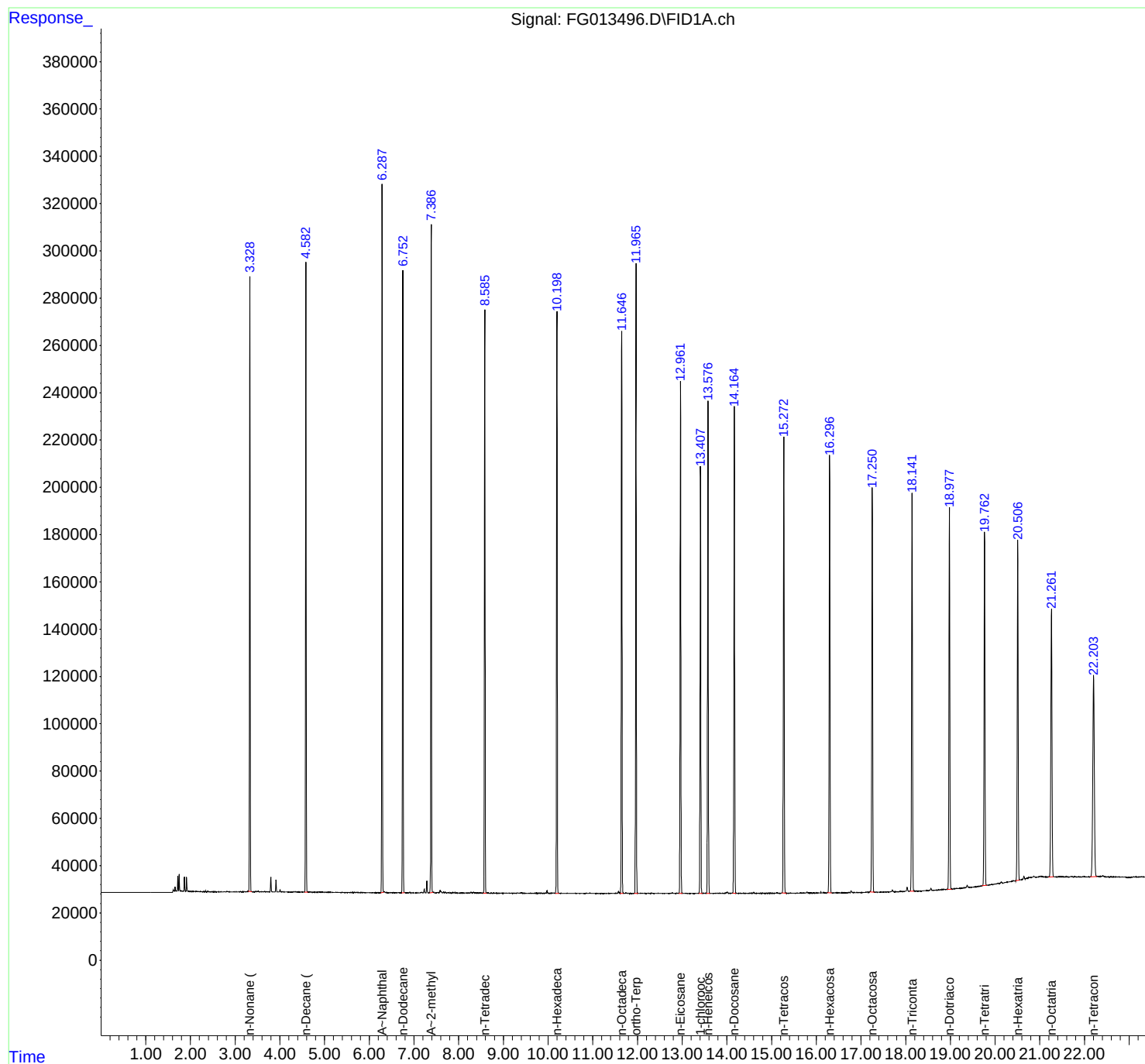
(m)=manual int.

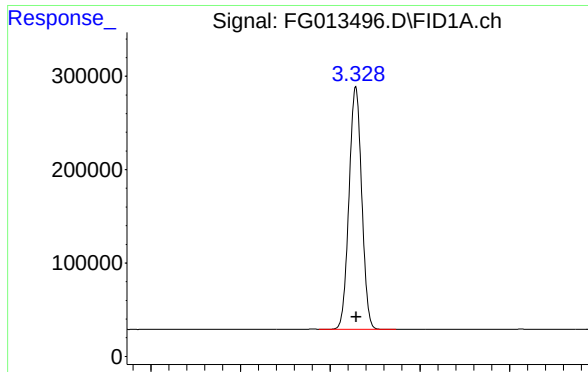
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG021224AL\  
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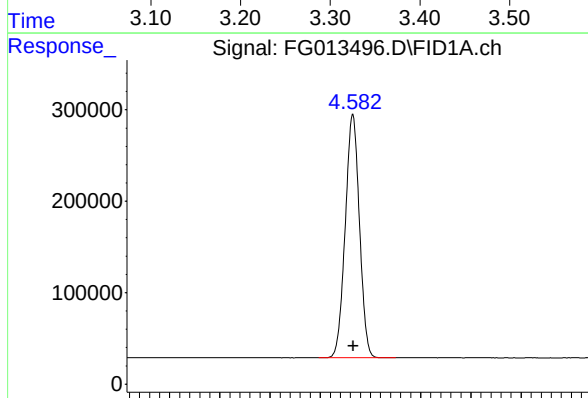




#1 n-Nonane (C9)

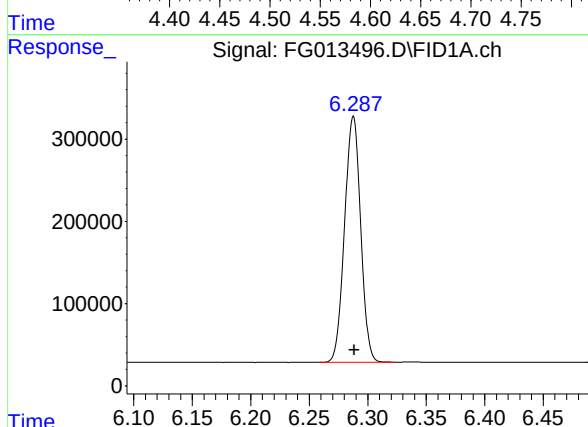
R.T.: 3.329 min  
Delta R.T.: 0.000 min  
Response: 2555750  
Conc: 19.77 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



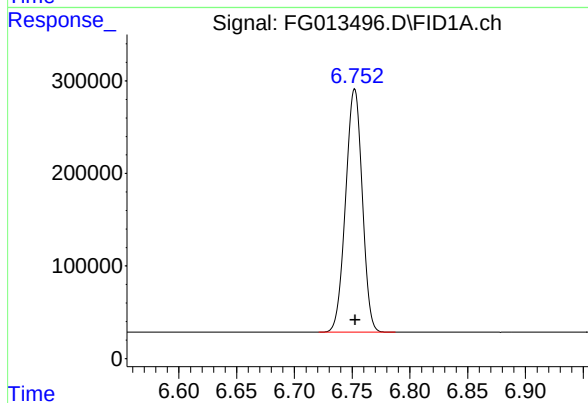
#2 n-Decane (C10)

R.T.: 4.582 min  
Delta R.T.: 0.000 min  
Response: 2617297  
Conc: 19.79 ug/ml



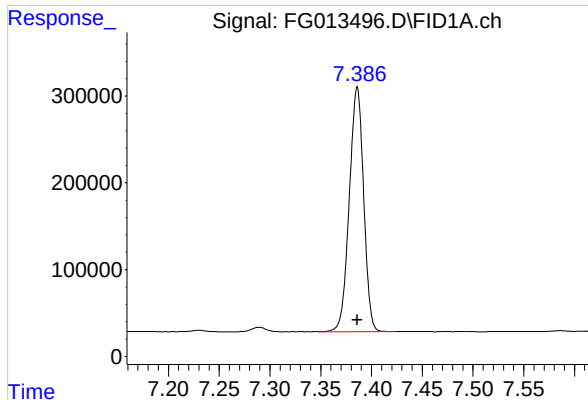
#3 A~Naphthalene (C11.7)

R.T.: 6.288 min  
Delta R.T.: 0.000 min  
Response: 2863007  
Conc: 19.76 ug/ml



#4 n-Dodecane (C12)

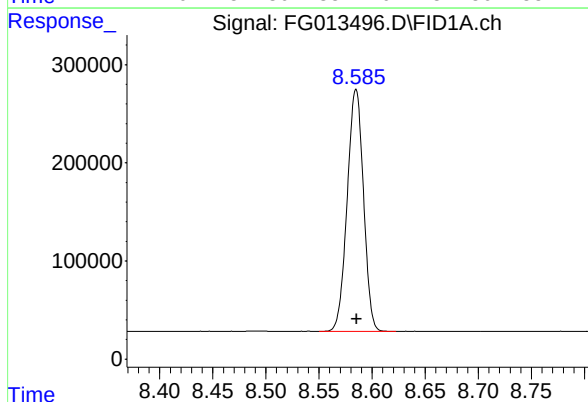
R.T.: 6.752 min  
Delta R.T.: 0.000 min  
Response: 2646326  
Conc: 19.76 ug/ml



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

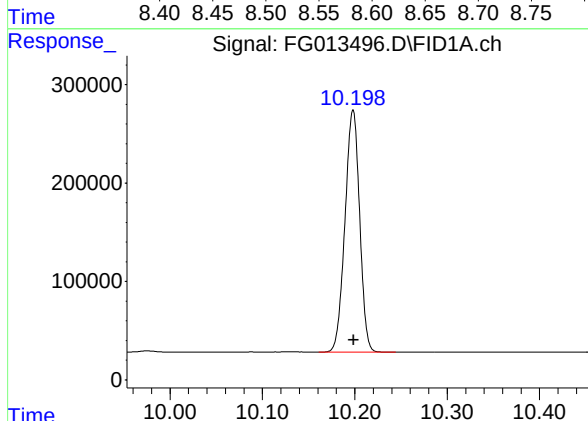
R.T.: 7.386 min  
Delta R.T.: 0.000 min  
Response: 2770857  
Conc: 19.75 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



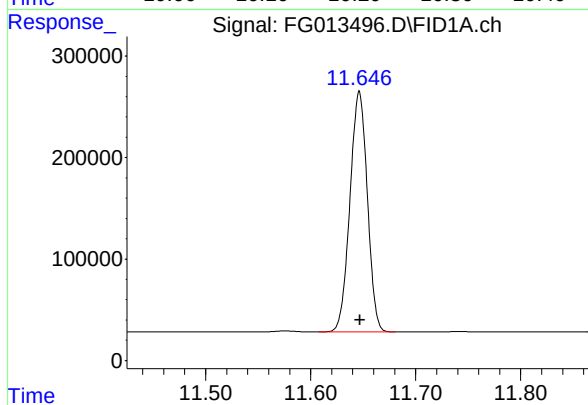
#6 n-Tetradecane (C14)

R.T.: 8.585 min  
Delta R.T.: 0.000 min  
Response: 2627257  
Conc: 19.73 ug/ml



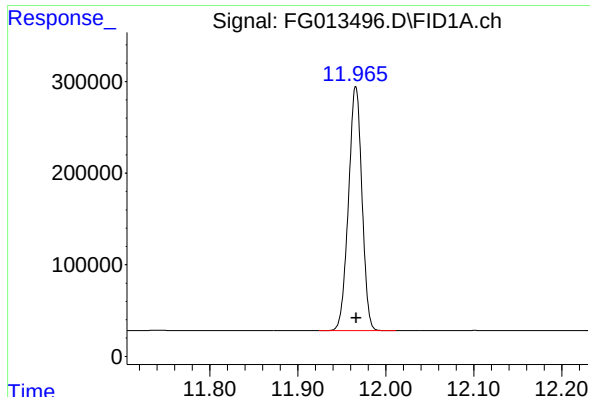
#7 n-Hexadecane (C16)

R.T.: 10.198 min  
Delta R.T.: 0.000 min  
Response: 2707190  
Conc: 19.70 ug/ml



#8 n-Octadecane (C18)

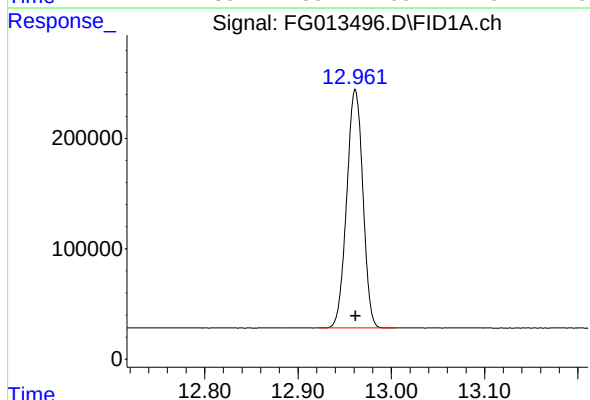
R.T.: 11.646 min  
Delta R.T.: 0.000 min  
Response: 2727825  
Conc: 19.71 ug/ml



#9 ortho-Terphenyl (SURR)

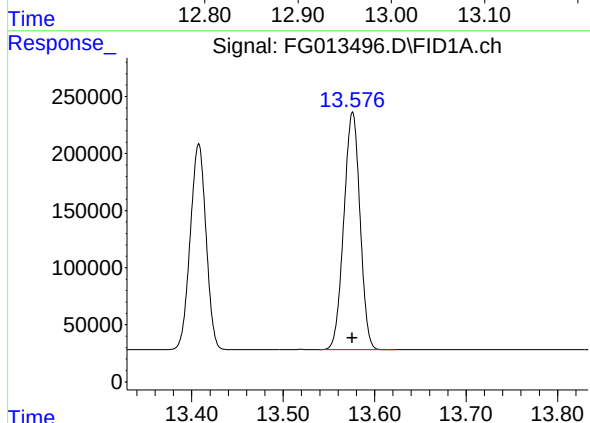
R.T.: 11.966 min  
Delta R.T.: 0.000 min  
Response: 2832685  
Conc: 19.69 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



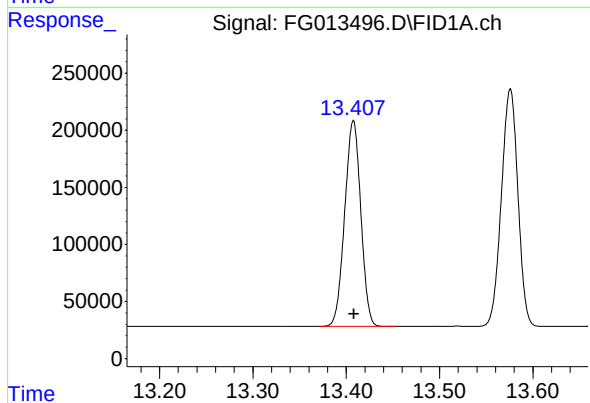
#10 n-Eicosane (C20)

R.T.: 12.961 min  
Delta R.T.: 0.000 min  
Response: 2609123  
Conc: 19.73 ug/ml



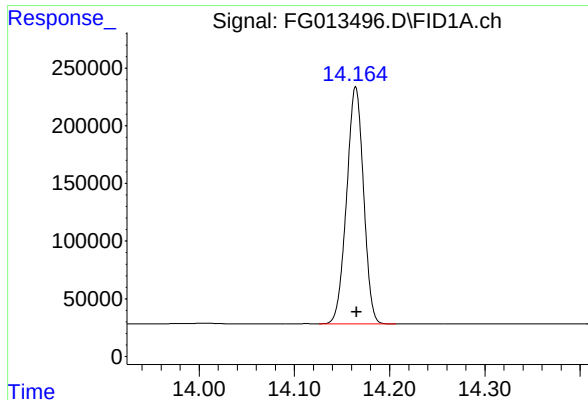
#11 n-Heneicosane (C21)

R.T.: 13.576 min  
Delta R.T.: 0.000 min  
Response: 2558696  
Conc: 19.75 ug/ml



#12 1-chlorooctadecane (SURR)

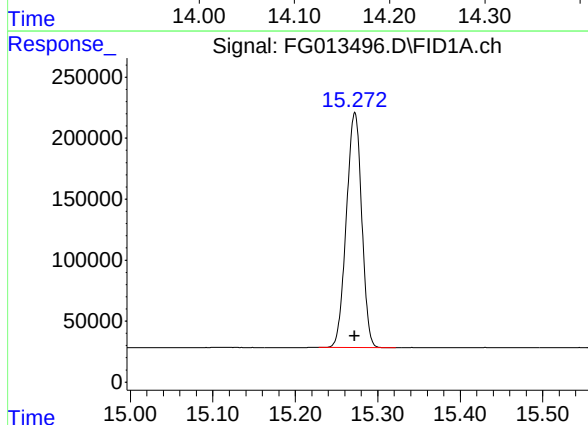
R.T.: 13.408 min  
Delta R.T.: 0.000 min  
Response: 2159976  
Conc: 19.80 ug/ml



#13 n-Docosane (C22)

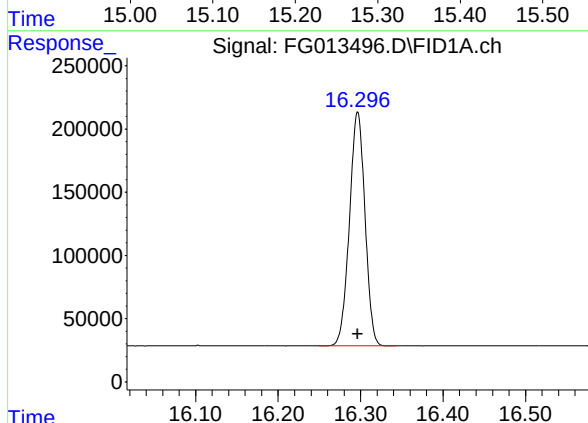
R.T.: 14.164 min  
Delta R.T.: 0.000 min  
Response: 2535879  
Conc: 19.76 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



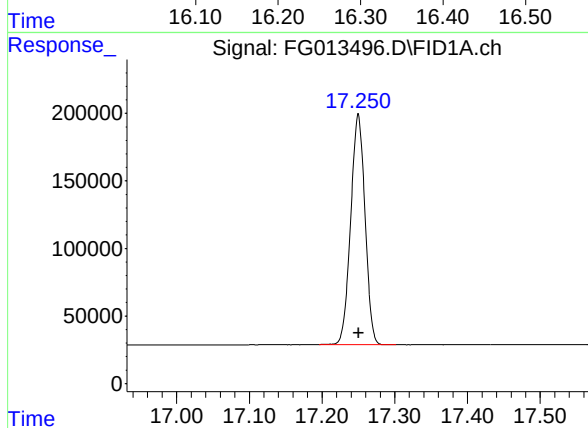
#14 n-Tetracosane (C24)

R.T.: 15.272 min  
Delta R.T.: 0.000 min  
Response: 2494792  
Conc: 19.80 ug/ml



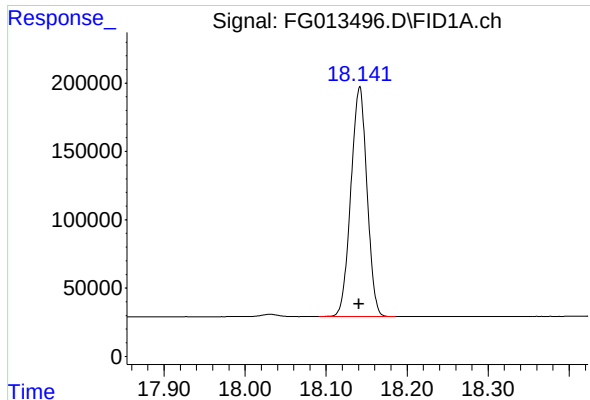
#15 n-Hexacosane (C26)

R.T.: 16.297 min  
Delta R.T.: 0.000 min  
Response: 2420120  
Conc: 19.83 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.250 min  
Delta R.T.: 0.000 min  
Response: 2333766  
Conc: 19.85 ug/ml



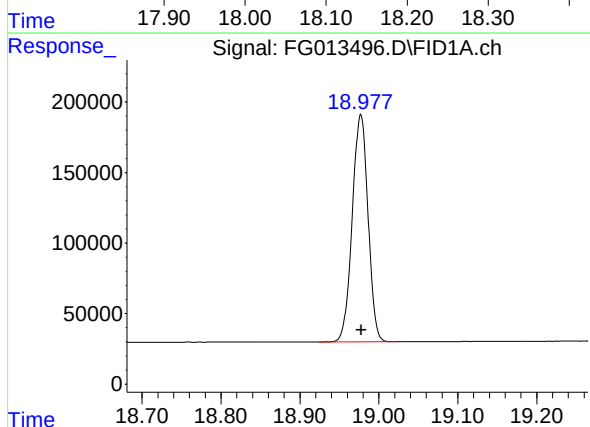
#17 n-Tricontane (C30)

R.T.: 18.142 min  
Delta R.T.: 0.000 min  
Response: 2323338  
Conc: 19.80 ug/ml

Instrument :

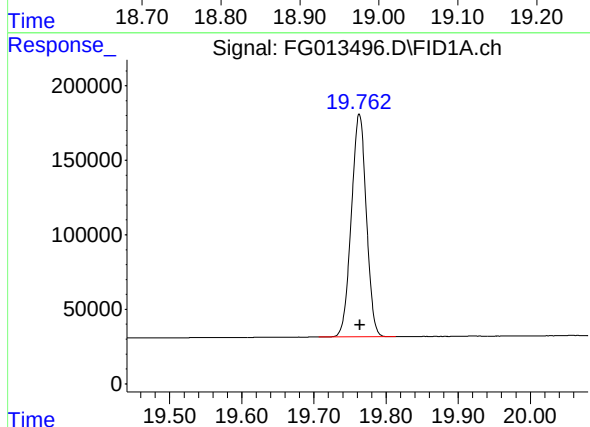
FID\_G

ClientSampleId :



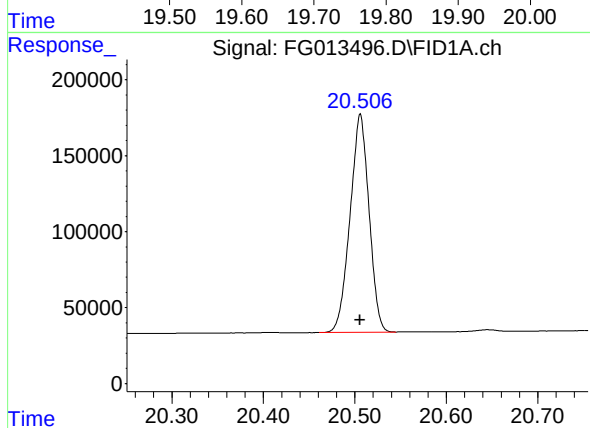
#18 n-Dotriacontane (C32)

R.T.: 18.977 min  
Delta R.T.: 0.000 min  
Response: 2241211  
Conc: 19.80 ug/ml



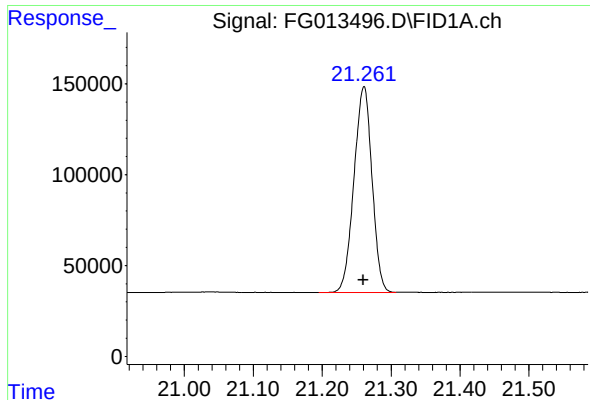
#19 n-Tetatriacontane (C34)

R.T.: 19.763 min  
Delta R.T.: -0.001 min  
Response: 2156313  
Conc: 19.85 ug/ml



#20 n-Hexatriacontane (C36)

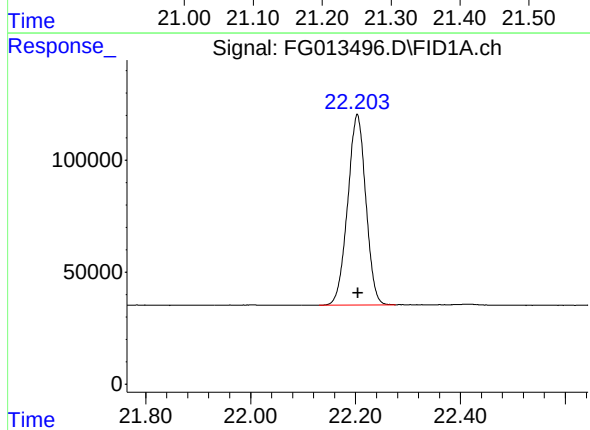
R.T.: 20.506 min  
Delta R.T.: 0.000 min  
Response: 2070091  
Conc: 19.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.261 min  
Delta R.T.: 0.001 min  
Response: 2059061  
Conc: 19.91 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.203 min  
Delta R.T.: -0.001 min  
Response: 2042533  
Conc: 20.00 ug/ml