

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC083023AL\  
 Data File : FC064451.D  
 Signal(s) : FID1A.ch  
 Acq On : 30 Aug 2023 16:14  
 Operator : YP/AJ  
 Sample : 04198-13MS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 OR-309-OK-370-55MS

Integration File: autoint1.e  
 Quant Time: Aug 31 00:47:46 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 081823.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Aug 18 14:31:35 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)    | 11.512 | 5526410    | 26.031 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 52.06%        |
| 12) S 1-chlorooctadecane (S... | 12.946 | 4370902    | 28.667 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 57.33%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.309  | 6587922    | 37.326 ug/ml  |
| 2) T n-Decane (C10)            | 4.368  | 7461615    | 42.535 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.945  | 8690493    | 46.735 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.379  | 8173634    | 45.856 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.000  | 8798954    | 49.463 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.170  | 8717943    | 49.972 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.765  | 9330624    | 53.992 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.202 | 9688919    | 55.341 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.508 | 9741946    | 57.590 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.117 | 9309822    | 55.779 ug/ml  |
| 13) T n-Docosane (C22)         | 13.701 | 9182973    | 56.299 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.789 | 17725227   | 111.306 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.818 | 8577919    | 55.521 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.763 | 8601285    | 58.097 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.650 | 8155747    | 55.835 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.476 | 7616615    | 53.920 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.258 | 6885641    | 51.534 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.994 | 6187546    | 48.355 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.715 | 6060921    | 49.357 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.597 | 5955028    | 51.278 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

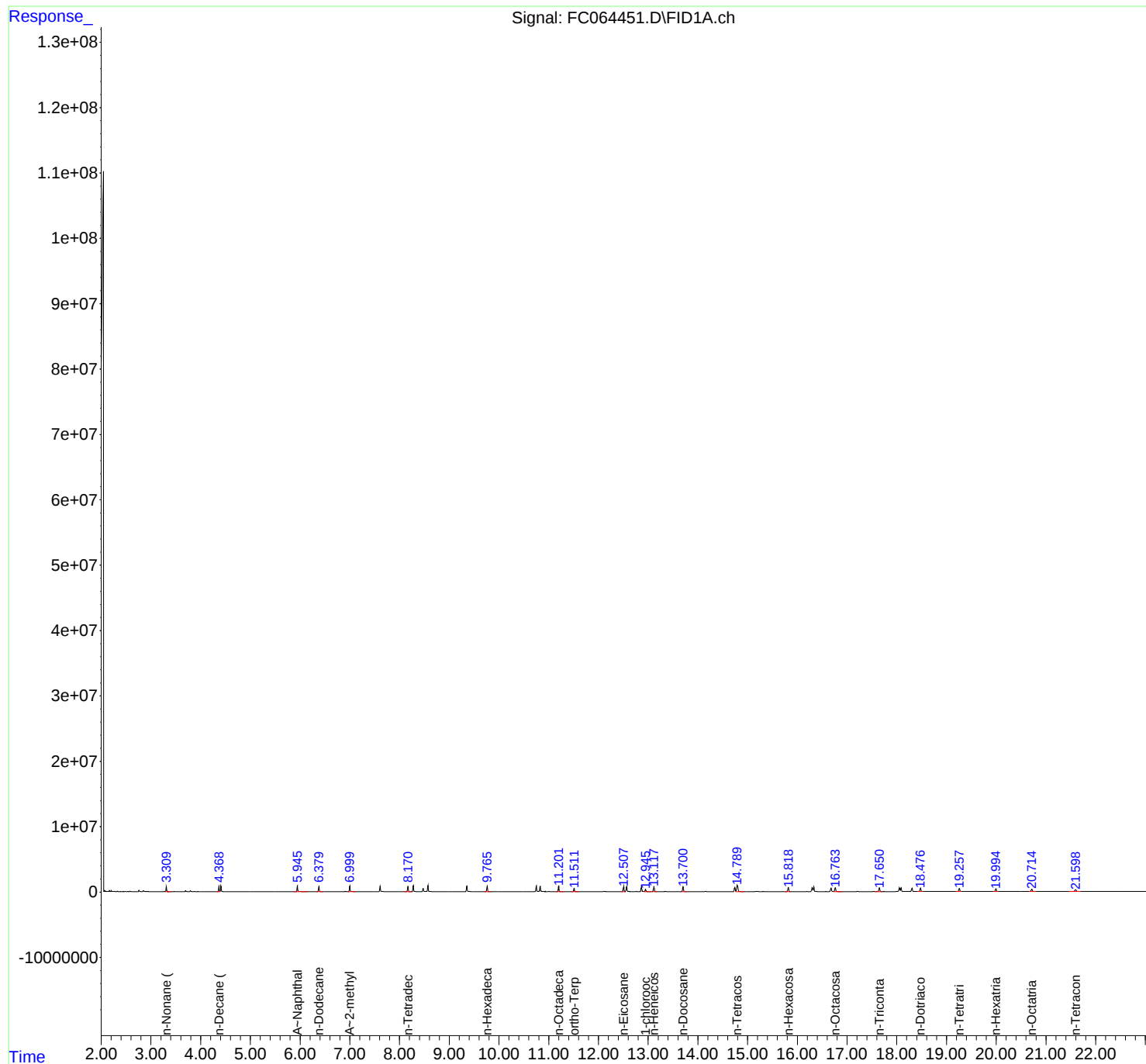
(m)=manual int.

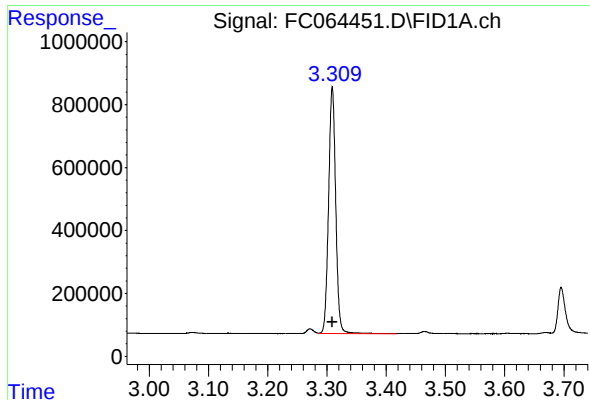
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC083023AL\  
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Volume Inj. : 1 ul  
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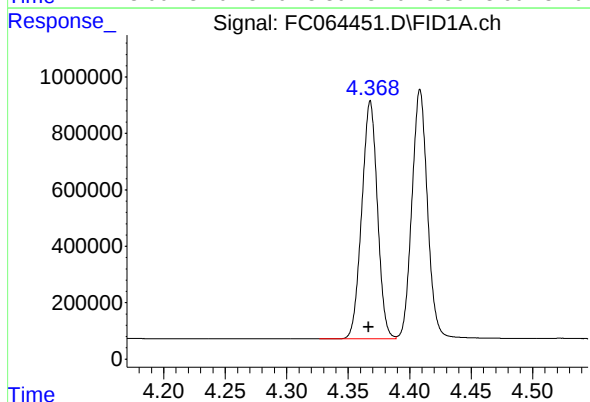




#1 n-Nonane (C9)

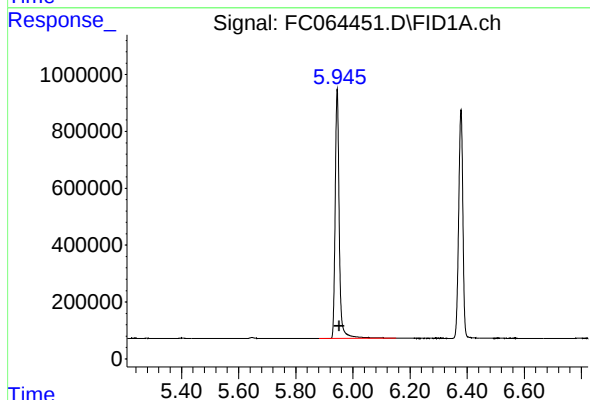
R.T.: 3.309 min  
Delta R.T.: 0.000 min  
Response: 6587922  
Conc: 37.33 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
OR-309-OK-370-55MS



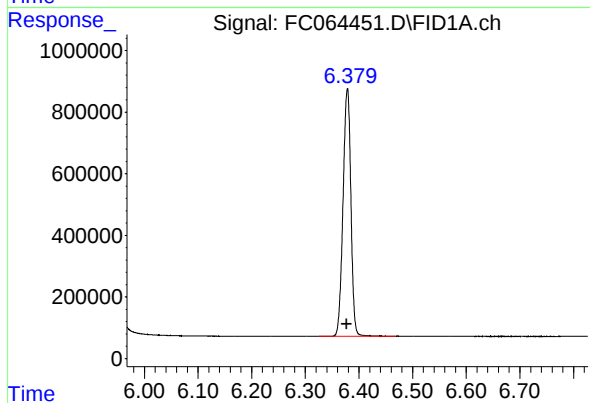
#2 n-Decane (C10)

R.T.: 4.368 min  
Delta R.T.: 0.001 min  
Response: 7461615  
Conc: 42.54 ug/ml



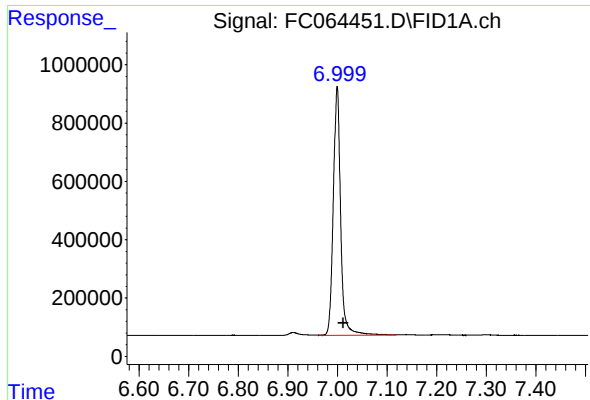
#3 A~Naphthalene (C11.7)

R.T.: 5.945 min  
Delta R.T.: -0.008 min  
Response: 8690493  
Conc: 46.74 ug/ml



#4 n-Dodecane (C12)

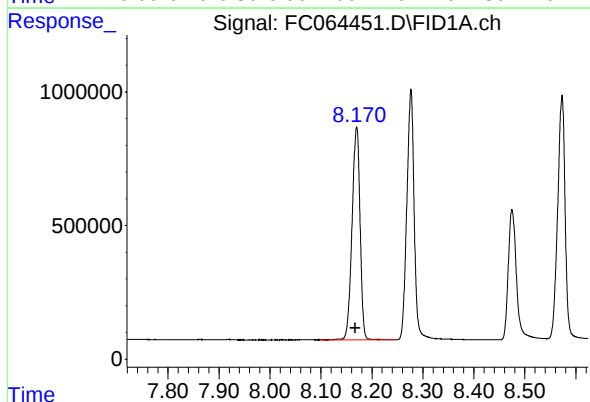
R.T.: 6.379 min  
Delta R.T.: 0.001 min  
Response: 8173634  
Conc: 45.86 ug/ml



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

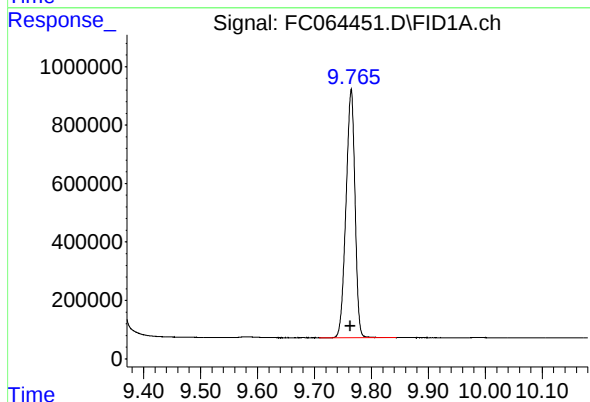
R.T.: 7.000 min  
Delta R.T.: -0.012 min  
Response: 8798954  
Conc: 49.46 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
OR-309-OK-370-55MS



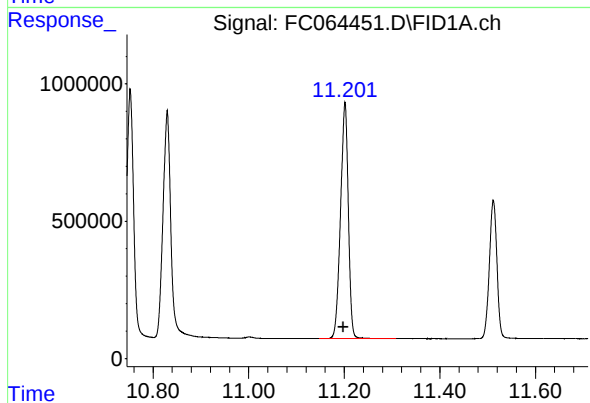
#6 n-Tetradecane (C14)

R.T.: 8.170 min  
Delta R.T.: 0.003 min  
Response: 8717943  
Conc: 49.97 ug/ml



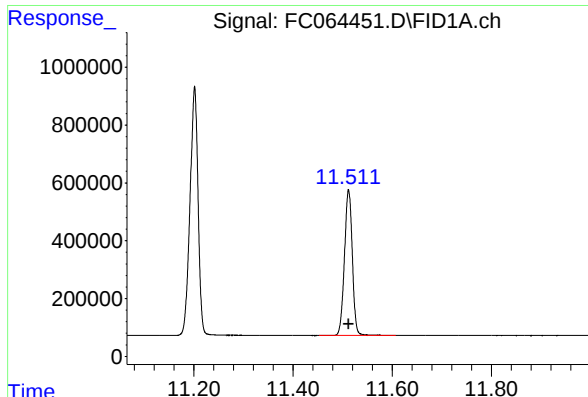
#7 n-Hexadecane (C16)

R.T.: 9.765 min  
Delta R.T.: 0.001 min  
Response: 9330624  
Conc: 53.99 ug/ml



#8 n-Octadecane (C18)

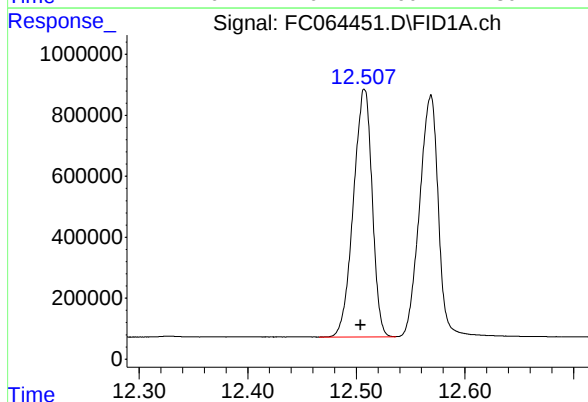
R.T.: 11.202 min  
Delta R.T.: 0.003 min  
Response: 9688919  
Conc: 55.34 ug/ml



#9 ortho-Terphenyl (SURR)

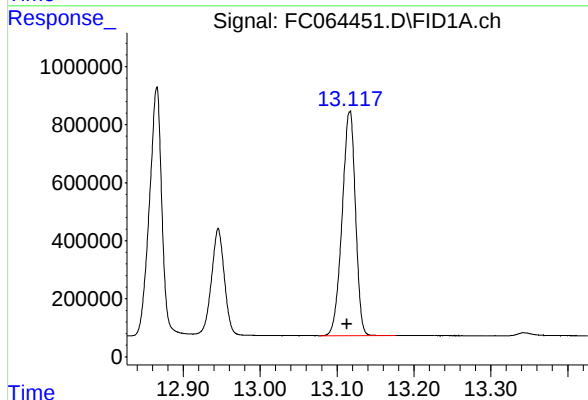
R.T.: 11.512 min  
Delta R.T.: 0.000 min  
Response: 5526410  
Conc: 26.03 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
OR-309-OK-370-55MS



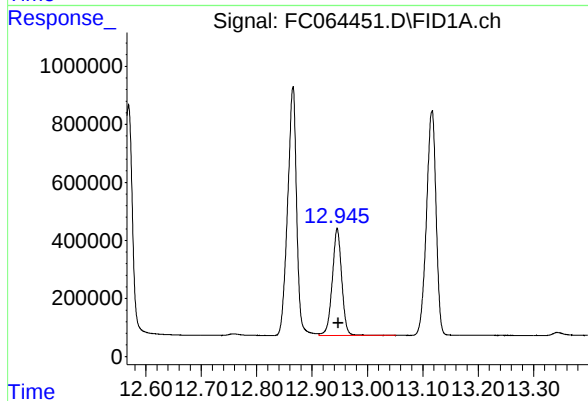
#10 n-Eicosane (C20)

R.T.: 12.508 min  
Delta R.T.: 0.004 min  
Response: 9741946  
Conc: 57.59 ug/ml



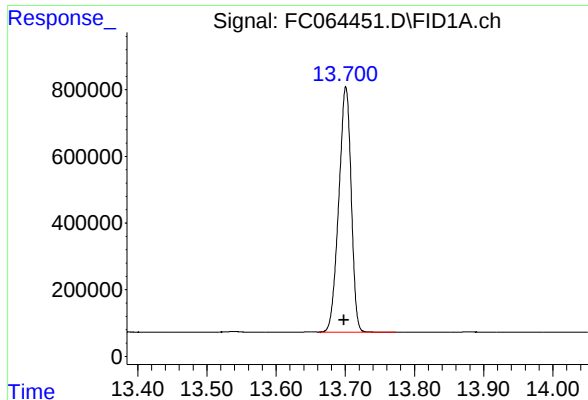
#11 n-Heneicosane (C21)

R.T.: 13.117 min  
Delta R.T.: 0.004 min  
Response: 9309822  
Conc: 55.78 ug/ml



#12 1-chlorooctadecane (SURR)

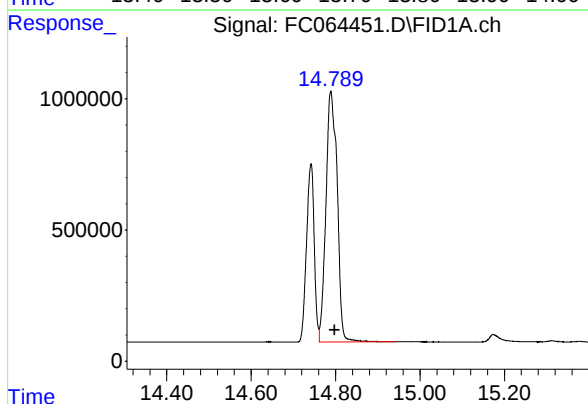
R.T.: 12.946 min  
Delta R.T.: -0.002 min  
Response: 4370902  
Conc: 28.67 ug/ml



#13 n-Docosane (C22)

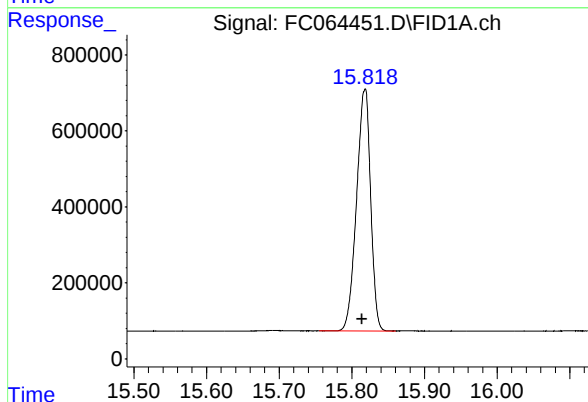
R.T.: 13.701 min  
Delta R.T.: 0.003 min  
Response: 9182973  
Conc: 56.30 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
OR-309-OK-370-55MS



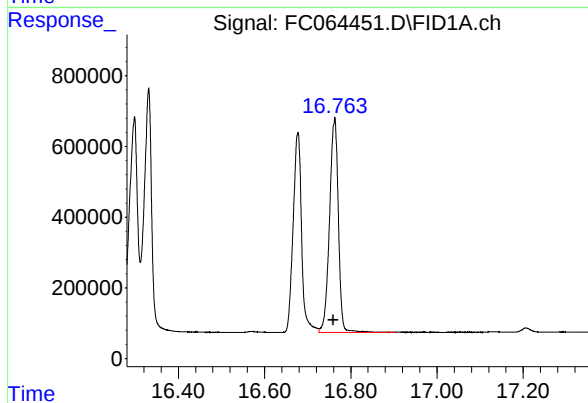
#14 n-Tetracosane (C24)

R.T.: 14.789 min  
Delta R.T.: -0.010 min  
Response: 17725227  
Conc: 111.31 ug/ml



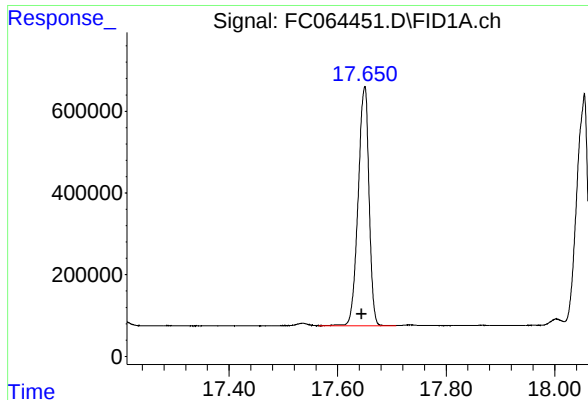
#15 n-Hexacosane (C26)

R.T.: 15.818 min  
Delta R.T.: 0.004 min  
Response: 8577919  
Conc: 55.52 ug/ml



#16 n-Octacosane (C28)

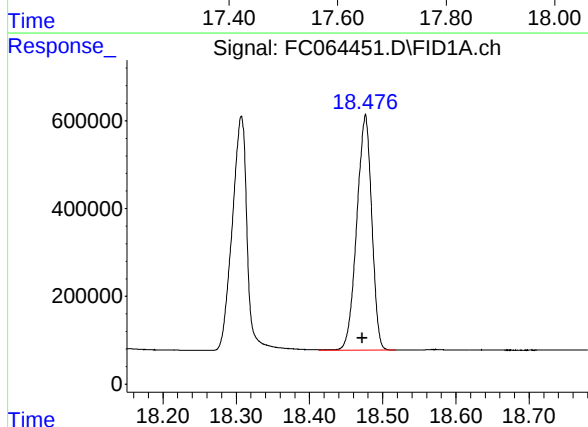
R.T.: 16.763 min  
Delta R.T.: 0.004 min  
Response: 8601285  
Conc: 58.10 ug/ml



#17 n-Tricontane (C30)

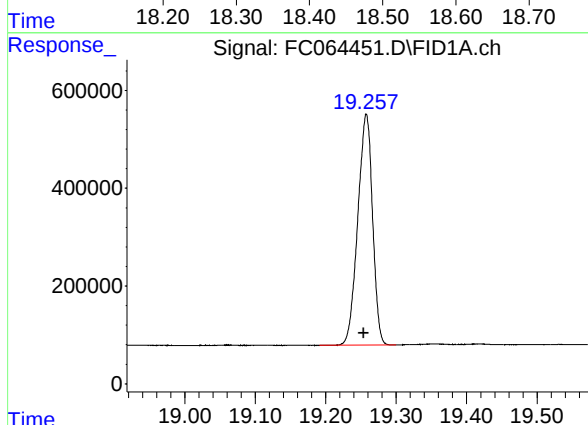
R.T.: 17.650 min  
Delta R.T.: 0.006 min  
Response: 8155747  
Conc: 55.84 ug/ml

Instrument :  
FID\_C  
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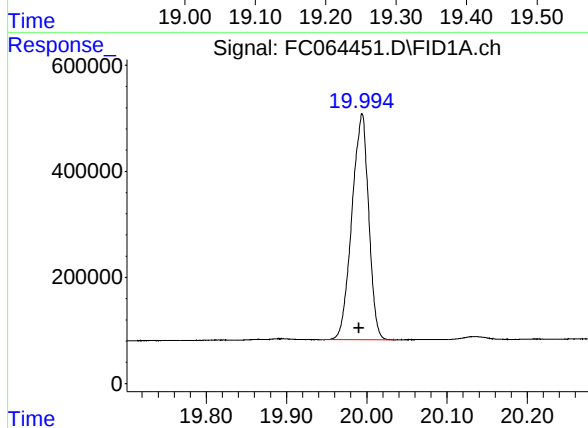
#18 n-Dotriacontane (C32)

R.T.: 18.476 min  
Delta R.T.: 0.005 min  
Response: 7616615  
Conc: 53.92 ug/ml



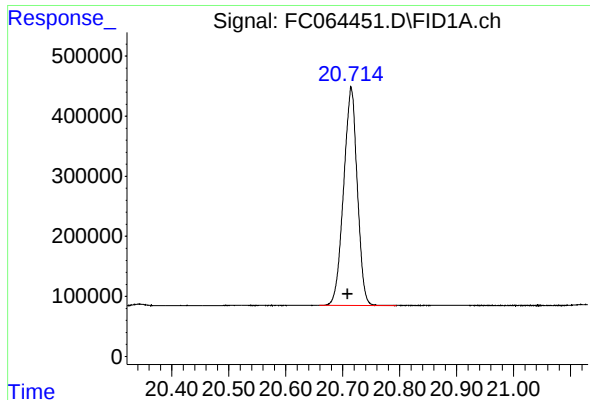
#19 n-Tetatriacontane (C34)

R.T.: 19.258 min  
Delta R.T.: 0.004 min  
Response: 6885641  
Conc: 51.53 ug/ml



#20 n-Hexatriacontane (C36)

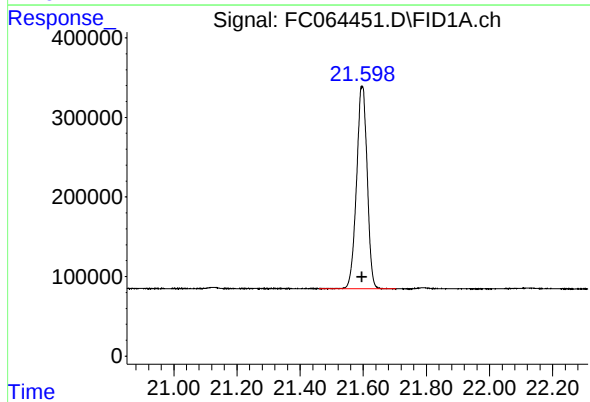
R.T.: 19.994 min  
Delta R.T.: 0.004 min  
Response: 6187546  
Conc: 48.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.715 min  
Delta R.T.: 0.006 min  
Response: 6060921  
Conc: 49.36 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
OR-309-OK-370-55MS



#22 n-Tetracontane (C40)

R.T.: 21.597 min  
Delta R.T.: 0.001 min  
Response: 5955028  
Conc: 51.28 ug/ml