

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC121222AL\  
 Data File : FC062391.D  
 Signal(s) : FID1A.ch  
 Acq On : 12 Dec 2022 11:09  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Dec 13 02:46:49 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 120722.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Dec 08 01:05:24 2022  
 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)    | 11.572 | 2924745    | 20.734 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.47%       |
| 12) S 1-chlorooctadecane (S... | 13.011 | 2177008    | 20.425 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.85%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.324  | 2683204    | 20.862 ug/ml |
| 2) T n-Decane (C10)            | 4.392  | 2645650    | 21.267 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.978  | 3027243    | 21.334 ug/ml |
| 4) T n-Dodecane (C12)          | 6.415  | 2657884    | 21.219 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.037  | 2829892    | 22.009 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.212  | 2643772    | 21.709 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.814  | 2668870    | 21.263 ug/ml |
| 8) T n-Octadecane (C18)        | 11.257 | 2683765    | 21.007 ug/ml |
| 10) T n-Eicosane (C20)         | 12.567 | 2578844    | 20.732 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.180 | 2560073    | 20.717 ug/ml |
| 13) T n-Docosane (C22)         | 13.764 | 2556127    | 21.043 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.867 | 2589649    | 21.604 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.888 | 2517772    | 21.674 ug/ml |
| 16) T n-Octacosane (C28)       | 16.836 | 2504564    | 22.037 ug/ml |
| 17) T n-Tricontane (C30)       | 17.720 | 2465000    | 22.048 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.553 | 2445442    | 22.008 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.334 | 2324807    | 21.489 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.072 | 2138611    | 21.065 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.808 | 2126884    | 20.789 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.722 | 2101108    | 20.732 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

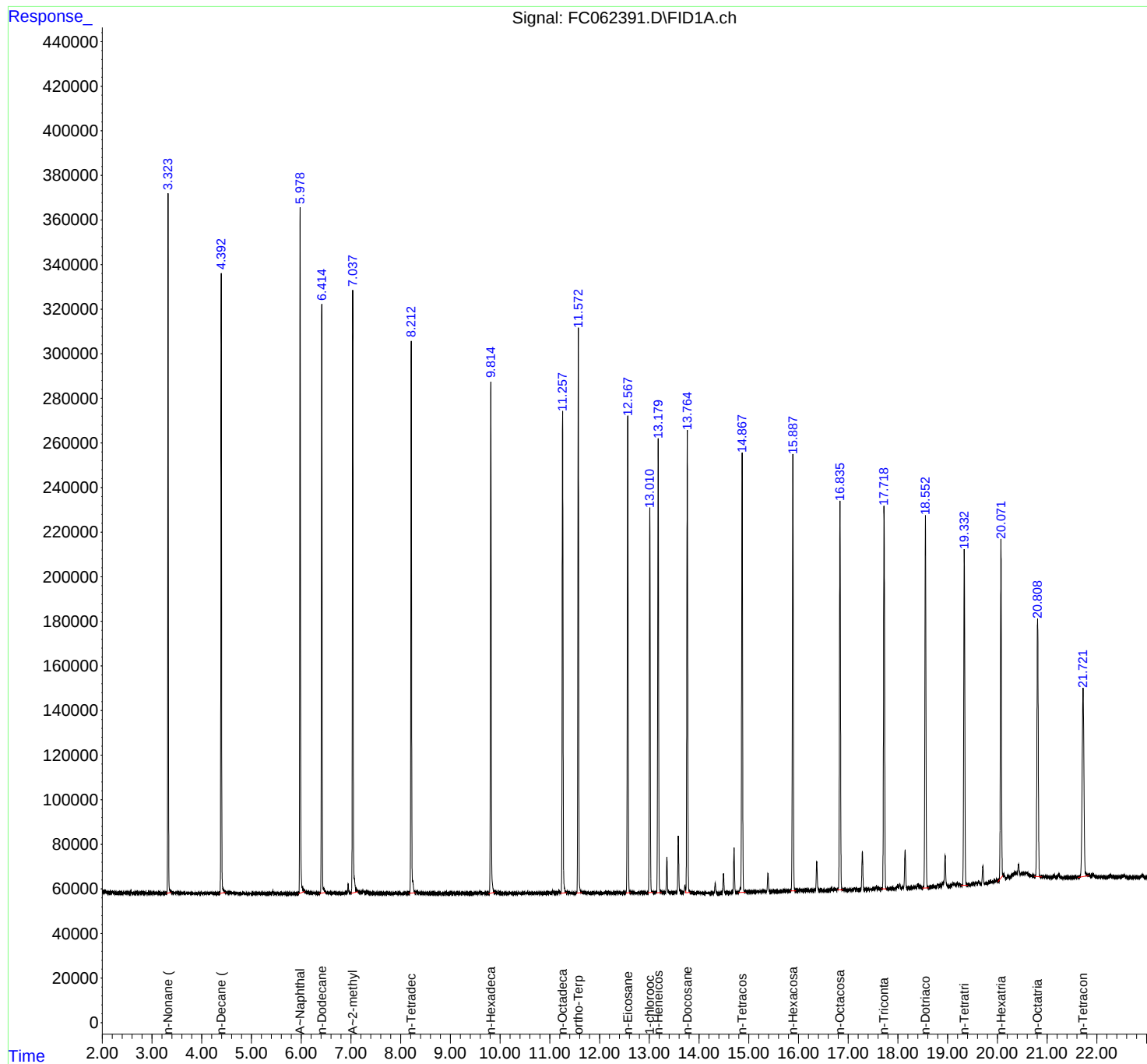
(m)=manual int.

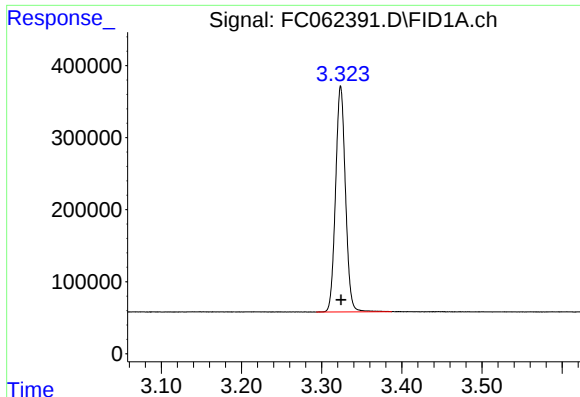
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC121222AL\  
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Signal(s) : FID1A.ch  
Acq On : 12 Dec 2022 11:09  
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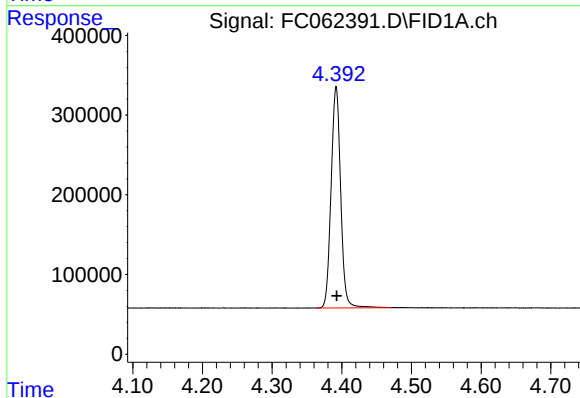




#1 n-Nonane (C9)

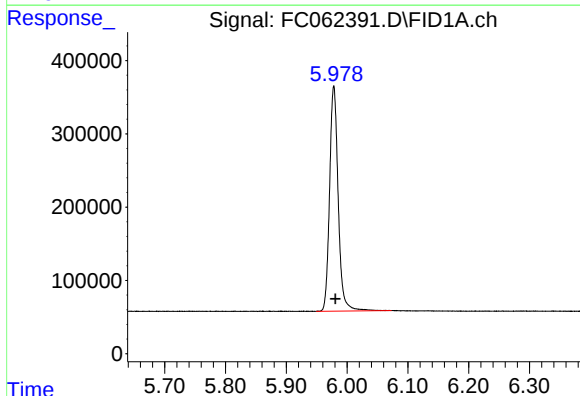
R.T.: 3.324 min  
Delta R.T.: 0.000 min  
Response: 2683204  
Conc: 20.86 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



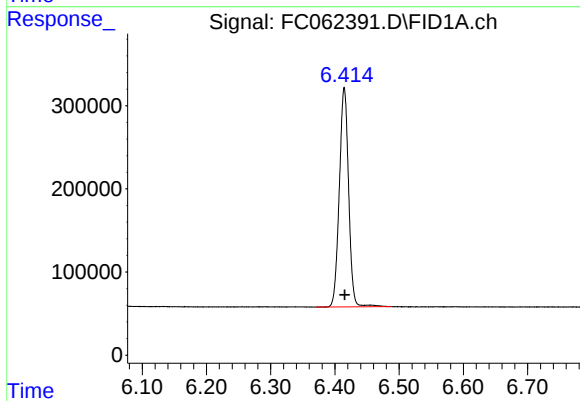
#2 n-Decane (C10)

R.T.: 4.392 min  
Delta R.T.: 0.000 min  
Response: 2645650  
Conc: 21.27 ug/ml



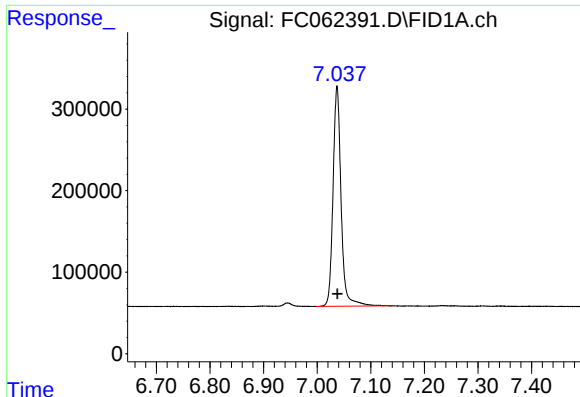
#3 A~Naphthalene (C11.7)

R.T.: 5.978 min  
Delta R.T.: -0.003 min  
Response: 3027243  
Conc: 21.33 ug/ml



#4 n-Dodecane (C12)

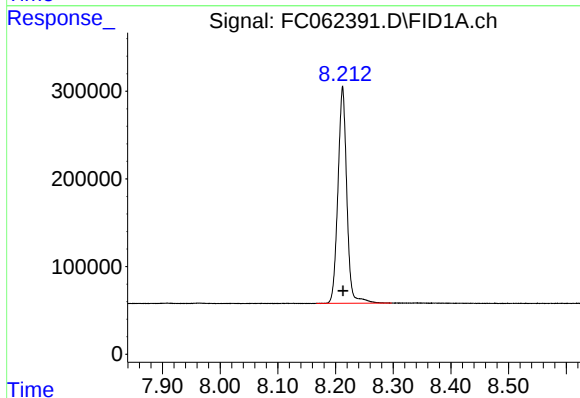
R.T.: 6.415 min  
Delta R.T.: 0.000 min  
Response: 2657884  
Conc: 21.22 ug/ml



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

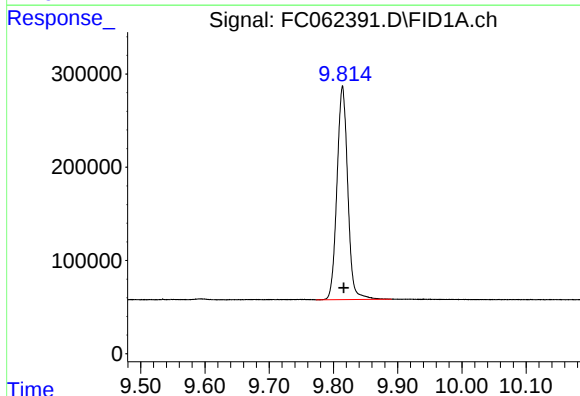
R.T.: 7.037 min  
Delta R.T.: 0.000 min  
Response: 2829892  
Conc: 22.01 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



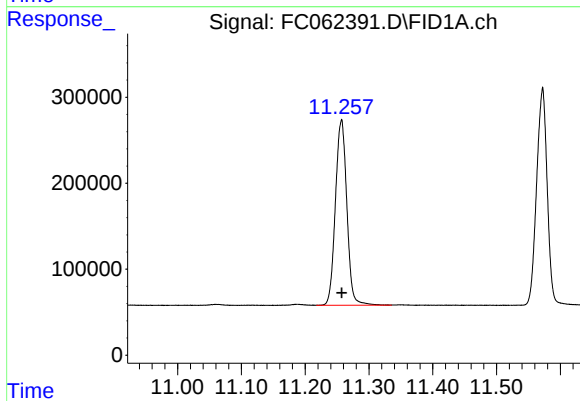
#6 n-Tetradecane (C14)

R.T.: 8.212 min  
Delta R.T.: 0.000 min  
Response: 2643772  
Conc: 21.71 ug/ml



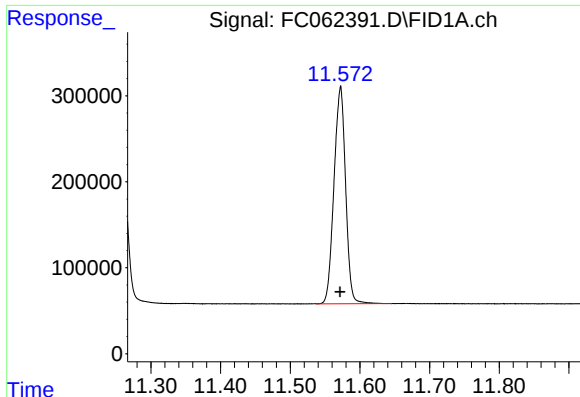
#7 n-Hexadecane (C16)

R.T.: 9.814 min  
Delta R.T.: -0.002 min  
Response: 2668870  
Conc: 21.26 ug/ml



#8 n-Octadecane (C18)

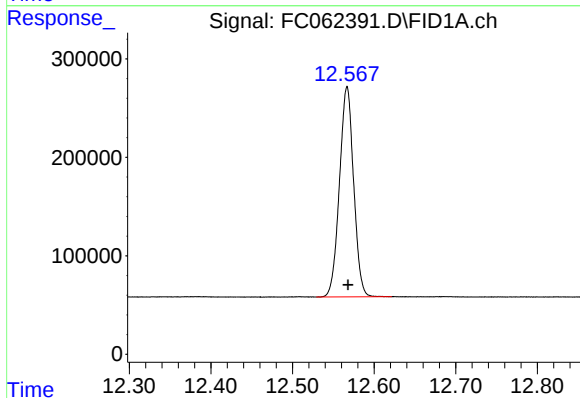
R.T.: 11.257 min  
Delta R.T.: 0.000 min  
Response: 2683765  
Conc: 21.01 ug/ml



#9 ortho-Terphenyl (SURR)

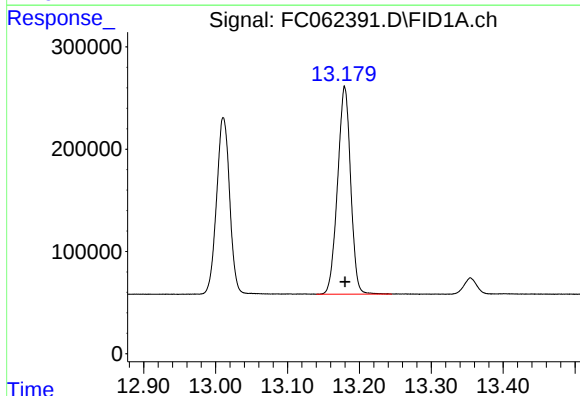
R.T.: 11.572 min  
Delta R.T.: 0.000 min  
Response: 2924745  
Conc: 20.73 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



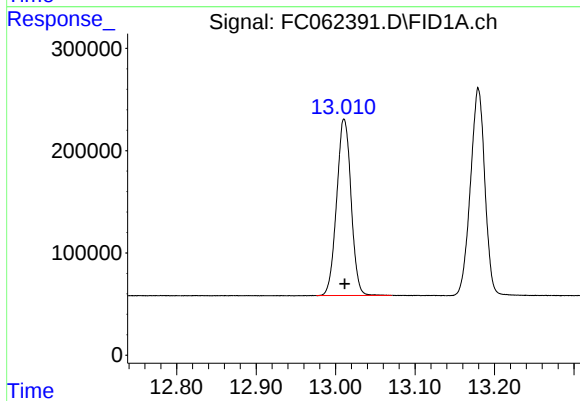
#10 n-Eicosane (C20)

R.T.: 12.567 min  
Delta R.T.: 0.000 min  
Response: 2578844  
Conc: 20.73 ug/ml



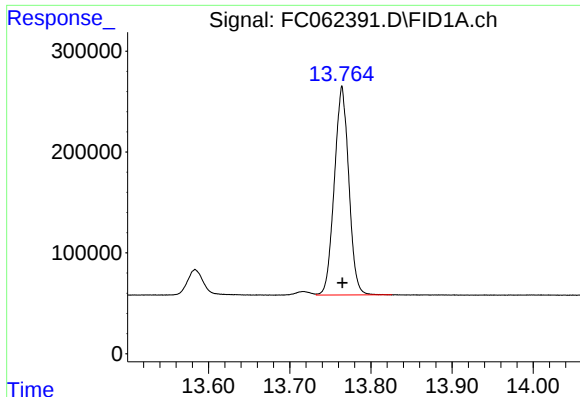
#11 n-Heneicosane (C21)

R.T.: 13.180 min  
Delta R.T.: 0.000 min  
Response: 2560073  
Conc: 20.72 ug/ml



#12 1-chlorooctadecane (SURR)

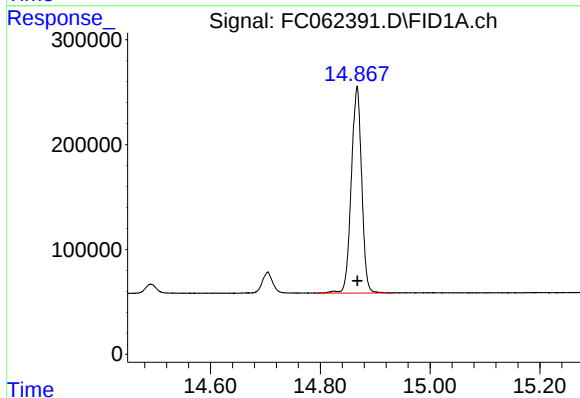
R.T.: 13.011 min  
Delta R.T.: 0.000 min  
Response: 2177008  
Conc: 20.43 ug/ml



#13 n-Docosane (C22)

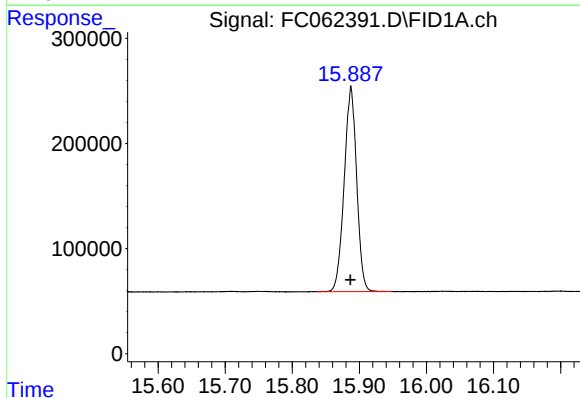
R.T.: 13.764 min  
Delta R.T.: 0.000 min  
Response: 2556127  
Conc: 21.04 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



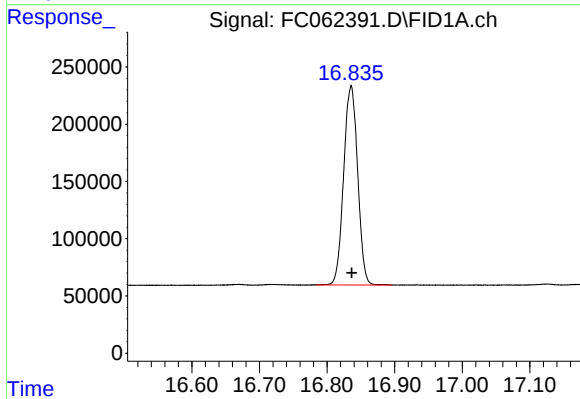
#14 n-Tetracosane (C24)

R.T.: 14.867 min  
Delta R.T.: 0.000 min  
Response: 2589649  
Conc: 21.60 ug/ml



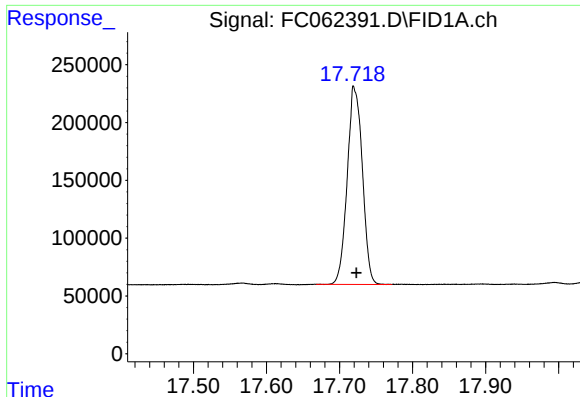
#15 n-Hexacosane (C26)

R.T.: 15.888 min  
Delta R.T.: 0.000 min  
Response: 2517772  
Conc: 21.67 ug/ml



#16 n-Octacosane (C28)

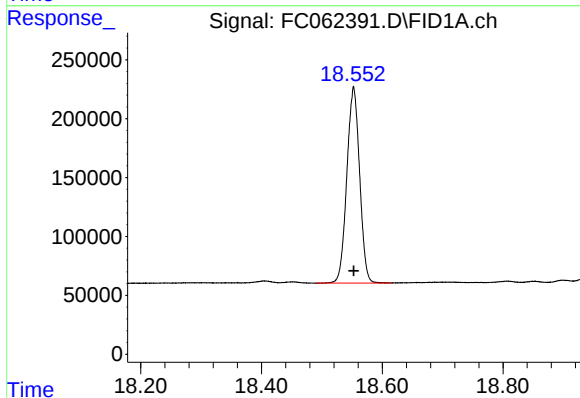
R.T.: 16.836 min  
Delta R.T.: 0.000 min  
Response: 2504564  
Conc: 22.04 ug/ml



#17 n-Tricontane (C30)

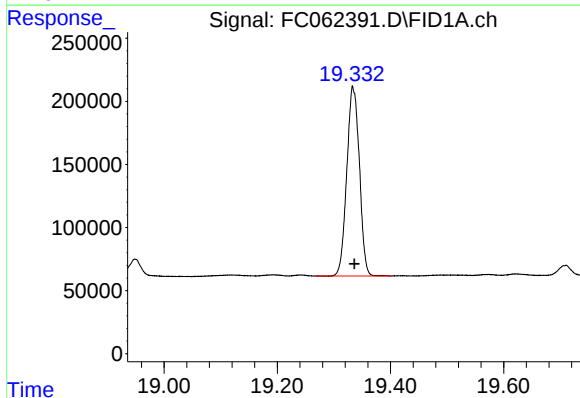
R.T.: 17.720 min  
Delta R.T.: -0.003 min  
Response: 2465000  
Conc: 22.05 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



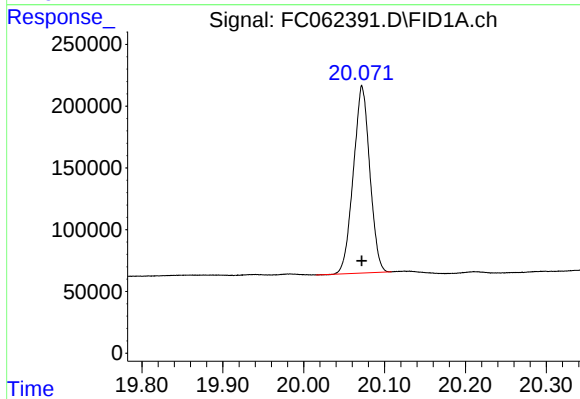
#18 n-Dotriacontane (C32)

R.T.: 18.553 min  
Delta R.T.: 0.000 min  
Response: 2445442  
Conc: 22.01 ug/ml



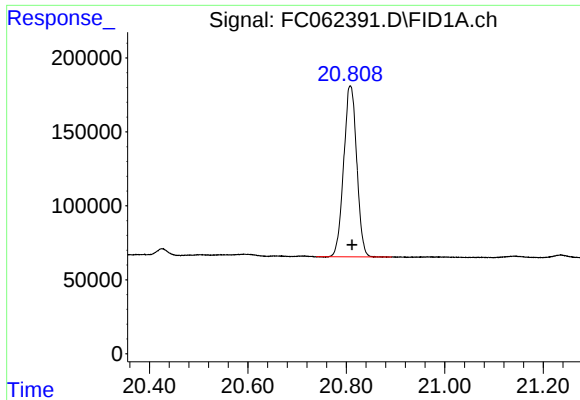
#19 n-Tetratriacontane (C34)

R.T.: 19.334 min  
Delta R.T.: -0.003 min  
Response: 2324807  
Conc: 21.49 ug/ml



#20 n-Hexatriacontane (C36)

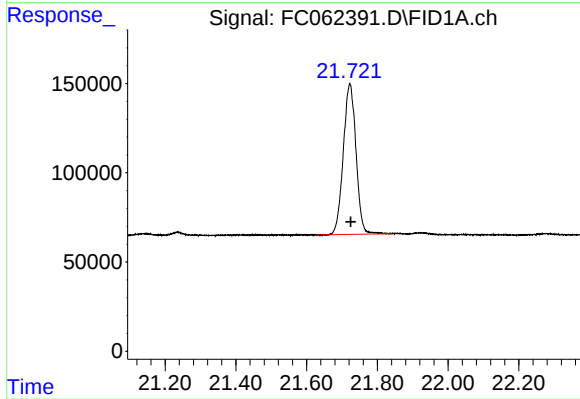
R.T.: 20.072 min  
Delta R.T.: 0.000 min  
Response: 2138611  
Conc: 21.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.808 min  
Delta R.T.: -0.003 min  
Response: 2126884  
Conc: 20.79 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.722 min  
Delta R.T.: -0.003 min  
Response: 2101108  
Conc: 20.73 ug/ml