

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE081325AL\  
 Data File : FE055292.D  
 Signal(s) : FID1B.ch  
 Acq On : 13 Aug 2025 14:23  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Aug 13 15:23:32 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 080125.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Aug 01 13:47:09 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)    | 12.085 | 2590298    | 18.139 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.28%       |
| 12) S 1-chlorooctadecane (S... | 13.523 | 1976641    | 18.383 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.77%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.421  | 1940361    | 16.907 ug/ml |
| 2) T n-Decane (C10)            | 4.679  | 2068219    | 17.754 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.400  | 2346517    | 17.481 ug/ml |
| 4) T n-Dodecane (C12)          | 6.855  | 2124468    | 17.840 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.501  | 2303037    | 17.664 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.693  | 2189420    | 17.857 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.309 | 2288404    | 17.900 ug/ml |
| 8) T n-Octadecane (C18)        | 11.759 | 2388769    | 18.308 ug/ml |
| 10) T n-Eicosane (C20)         | 13.074 | 2306766    | 18.385 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.689 | 2257401    | 18.313 ug/ml |
| 13) T n-Docosane (C22)         | 14.277 | 2305515    | 18.879 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.384 | 2448037    | 20.126 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.408 | 2459490    | 20.556 ug/ml |
| 16) T n-Octacosane (C28)       | 17.362 | 2558713    | 21.570 ug/ml |
| 17) T n-Tricontane (C30)       | 18.251 | 2831405    | 23.010 ug/ml |
| 18) T n-Dotriacontane (C32)    | 19.086 | 2954053    | 24.211 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.871 | 2685168    | 22.966 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.613 | 2366182    | 21.649 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.394 | 2193924    | 20.301 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.387 | 1977197    | 18.907 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

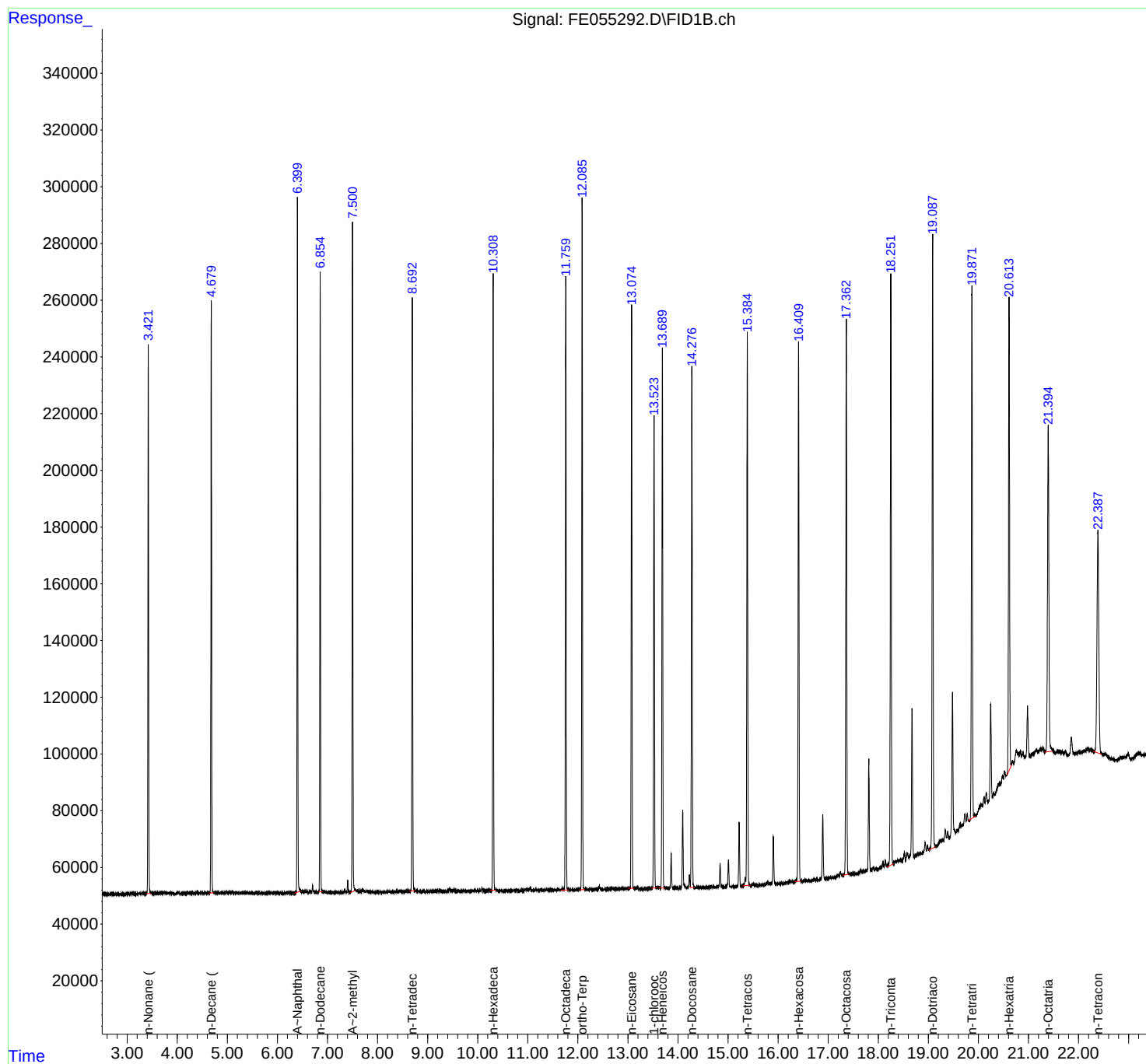
(m)=manual int.

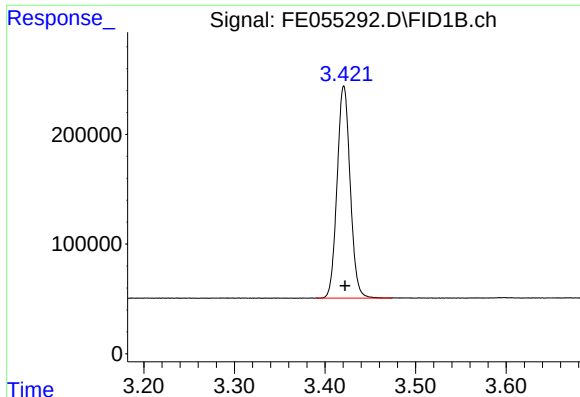
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE081325AL\  
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Signal(s) : FID1B.ch  
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Sample : 20 PPM ALIPHATIC HC STD  
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 080125.M  
Quant Title : GC Extractables  
QLast Update : Fri Aug 01 13:47:09 2025  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

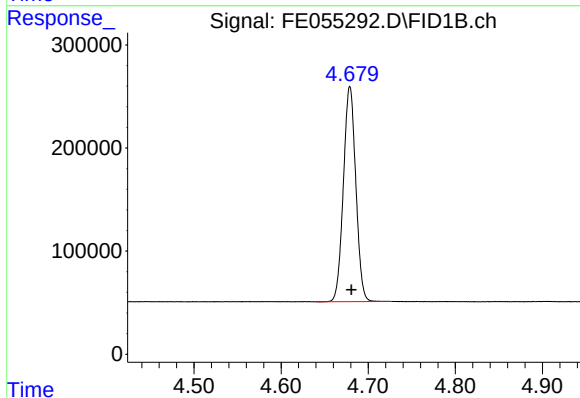




#1 n-Nonane (C9)

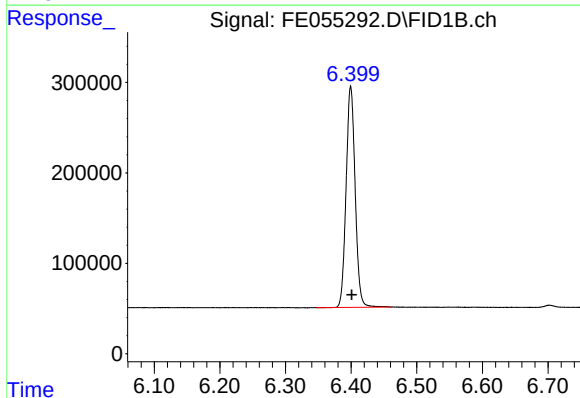
R.T.: 3.421 min  
Delta R.T.: -0.001 min  
Response: 1940361  
Conc: 16.91 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



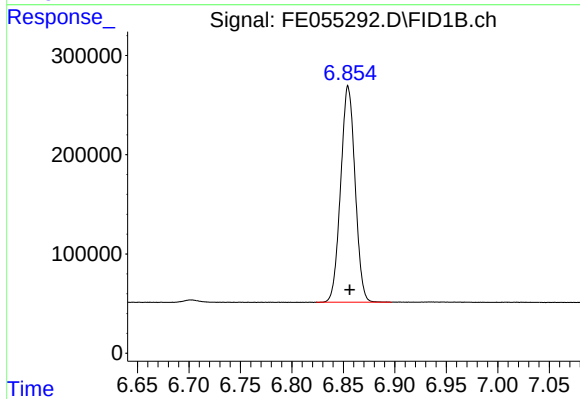
#2 n-Decane (C10)

R.T.: 4.679 min  
Delta R.T.: -0.002 min  
Response: 2068219  
Conc: 17.75 ug/ml



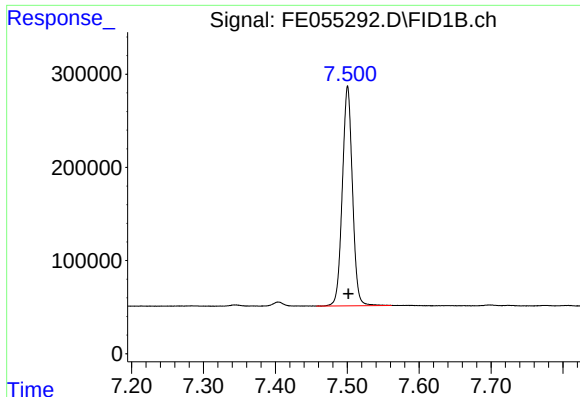
#3 A~Naphthalene (C11.7)

R.T.: 6.400 min  
Delta R.T.: -0.001 min  
Response: 2346517  
Conc: 17.48 ug/ml



#4 n-Dodecane (C12)

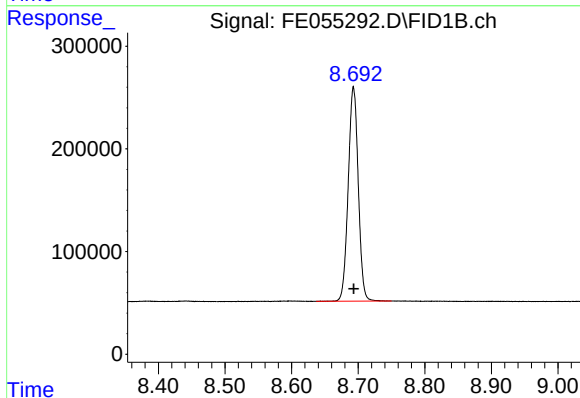
R.T.: 6.855 min  
Delta R.T.: -0.002 min  
Response: 2124468  
Conc: 17.84 ug/ml



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

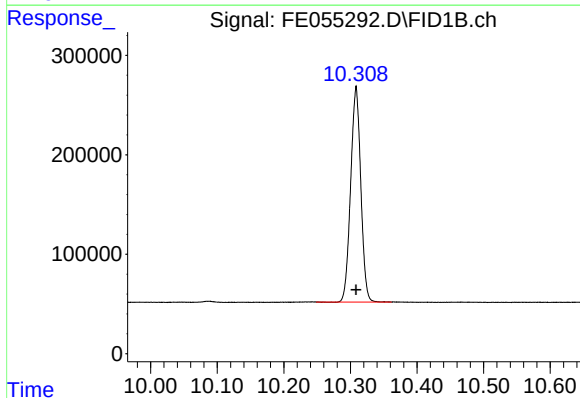
R.T.: 7.501 min  
Delta R.T.: 0.000 min  
Response: 2303037  
Conc: 17.66 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



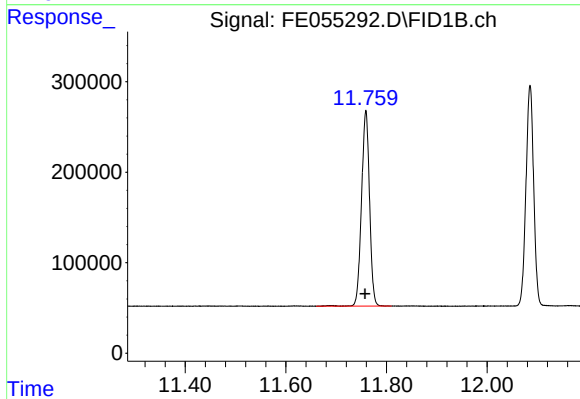
#6 n-Tetradecane (C14)

R.T.: 8.693 min  
Delta R.T.: 0.000 min  
Response: 2189420  
Conc: 17.86 ug/ml



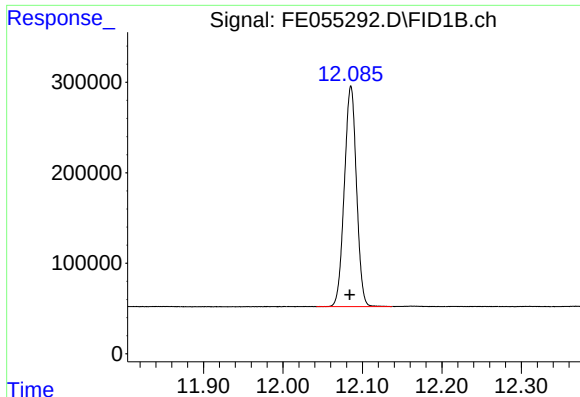
#7 n-Hexadecane (C16)

R.T.: 10.309 min  
Delta R.T.: 0.000 min  
Response: 2288404  
Conc: 17.90 ug/ml



#8 n-Octadecane (C18)

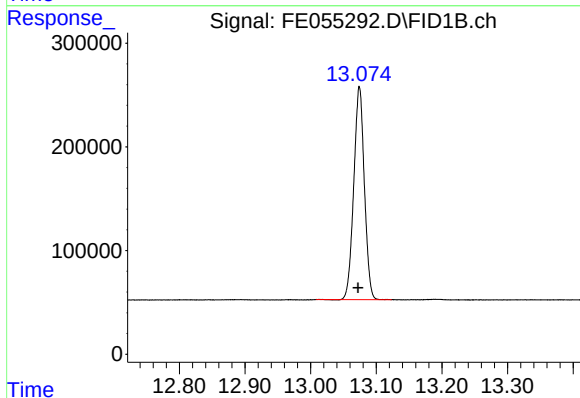
R.T.: 11.759 min  
Delta R.T.: 0.001 min  
Response: 2388769  
Conc: 18.31 ug/ml



#9 ortho-Terphenyl (SURR)

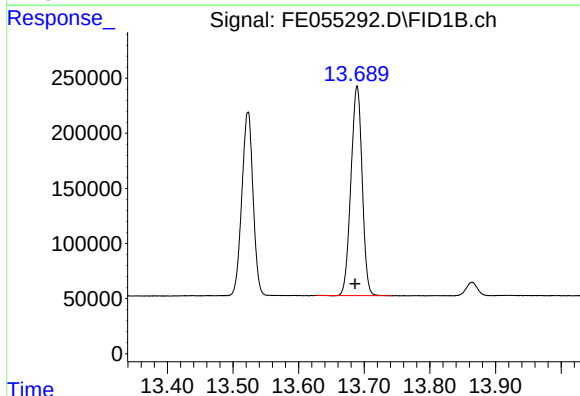
R.T.: 12.085 min  
Delta R.T.: 0.001 min  
Response: 2590298  
Conc: 18.14 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



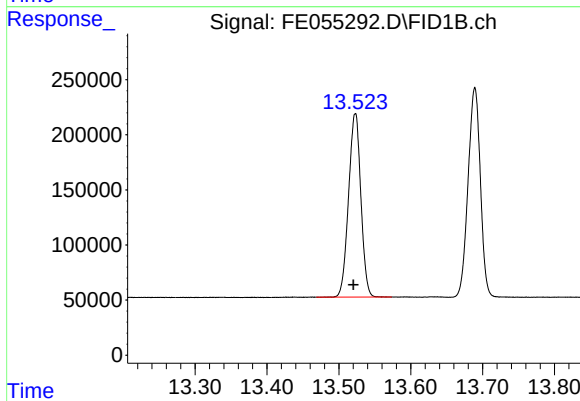
#10 n-Eicosane (C20)

R.T.: 13.074 min  
Delta R.T.: 0.002 min  
Response: 2306766  
Conc: 18.38 ug/ml



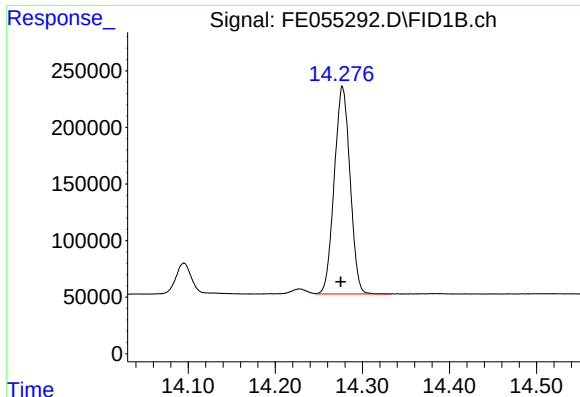
#11 n-Heneicosane (C21)

R.T.: 13.689 min  
Delta R.T.: 0.003 min  
Response: 2257401  
Conc: 18.31 ug/ml



#12 1-chlorooctadecane (SURR)

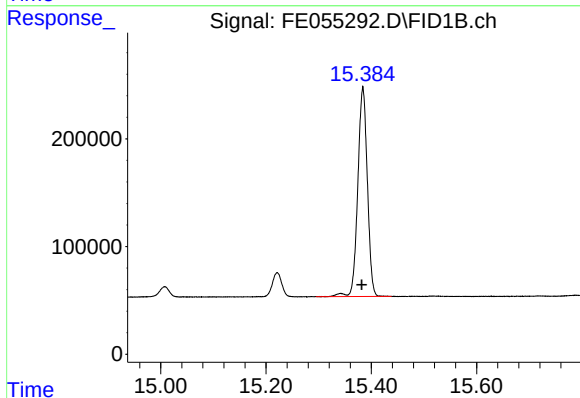
R.T.: 13.523 min  
Delta R.T.: 0.002 min  
Response: 1976641  
Conc: 18.38 ug/ml



#13 n-Docosane (C22)

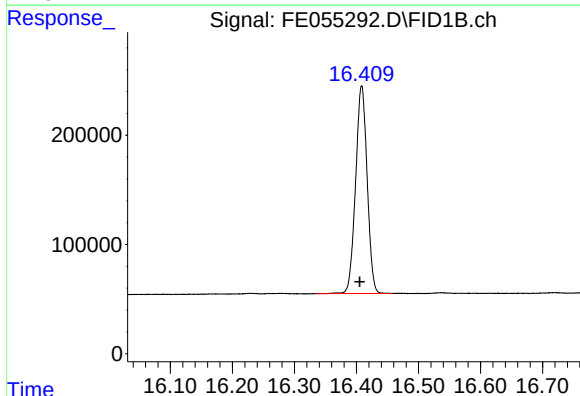
R.T.: 14.277 min  
Delta R.T.: 0.002 min  
Response: 2305515  
Conc: 18.88 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



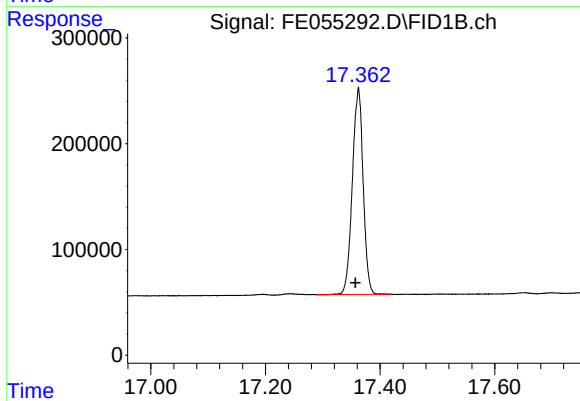
#14 n-Tetracosane (C24)

R.T.: 15.384 min  
Delta R.T.: 0.002 min  
Response: 2448037  
Conc: 20.13 ug/ml



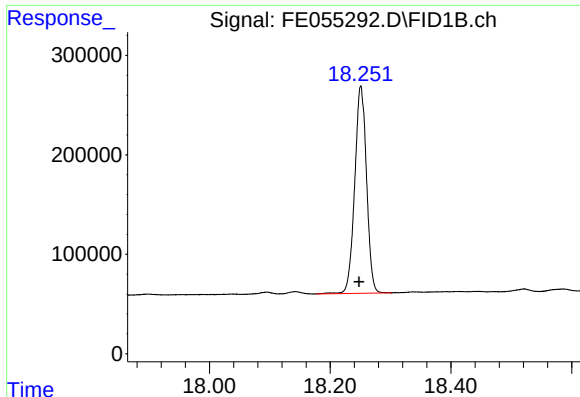
#15 n-Hexacosane (C26)

R.T.: 16.408 min  
Delta R.T.: 0.003 min  
Response: 2459490  
Conc: 20.56 ug/ml



#16 n-Octacosane (C28)

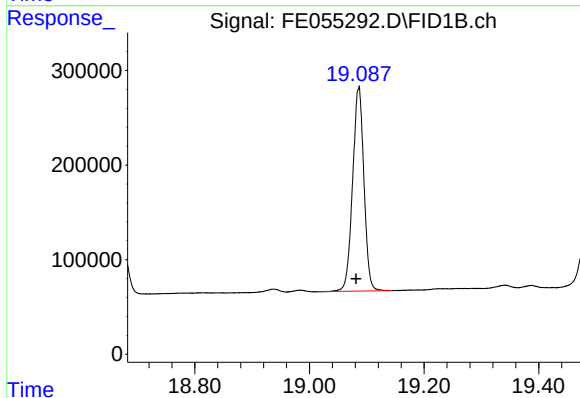
R.T.: 17.362 min  
Delta R.T.: 0.005 min  
Response: 2558713  
Conc: 21.57 ug/ml



#17 n-Tricontane (C30)

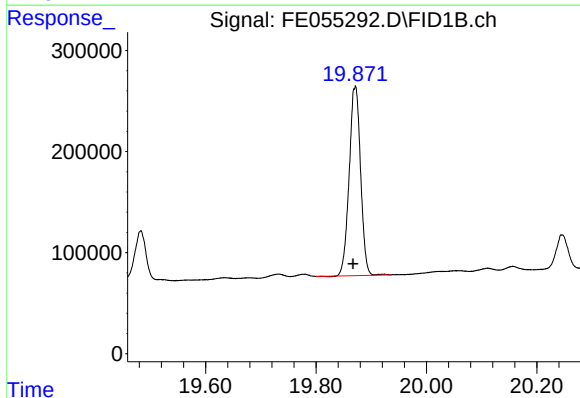
R.T.: 18.251 min  
Delta R.T.: 0.003 min  
Response: 2831405  
Conc: 23.01 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



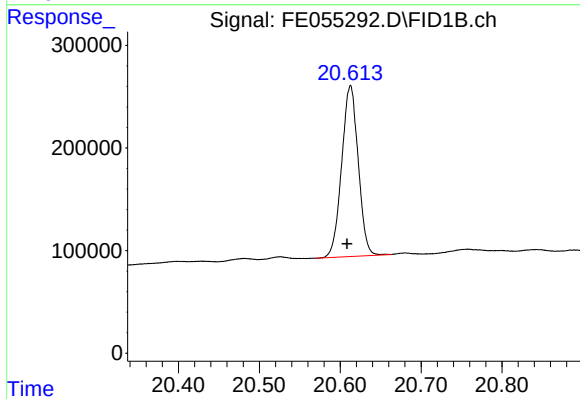
#18 n-Dotriacontane (C32)

R.T.: 19.086 min  
Delta R.T.: 0.004 min  
Response: 2954053  
Conc: 24.21 ug/ml



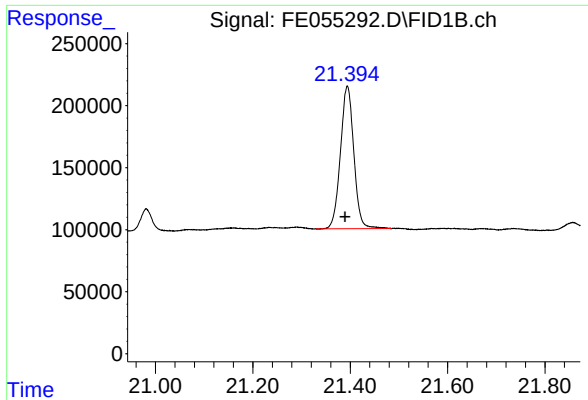
#19 n-Tetratriacontane (C34)

R.T.: 19.871 min  
Delta R.T.: 0.004 min  
Response: 2685168  
Conc: 22.97 ug/ml



#20 n-Hexatriacontane (C36)

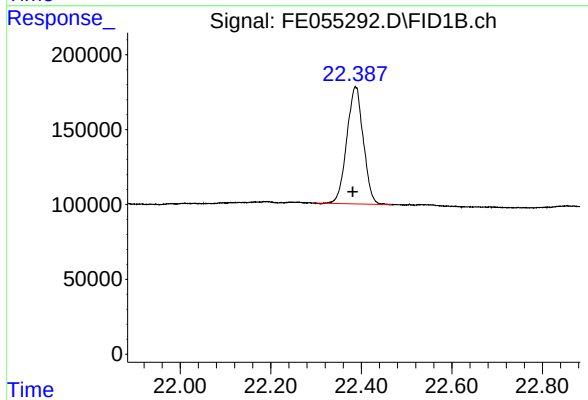
R.T.: 20.613 min  
Delta R.T.: 0.004 min  
Response: 2366182  
Conc: 21.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.394 min  
Delta R.T.: 0.005 min  
Response: 2193924  
Conc: 20.30 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.387 min  
Delta R.T.: 0.007 min  
Response: 1977197  
Conc: 18.91 ug/ml