

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE042325AL\  
 Data File : FE053492.D  
 Signal(s) : FID1B.ch  
 Acq On : 23 Apr 2025 07:42  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e  
 Quant Time: Apr 24 01:23:50 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 041725.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 23 15:58:53 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)    | 11.871 | 3239112    | 17.959 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.92%       |
| 12) S 1-chlorooctadecane (S... | 13.316 | 2389561    | 17.677 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.35%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.220  | 2624748    | 19.144 ug/ml |
| 2) T n-Decane (C10)            | 4.481  | 2681630    | 19.385 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.193  | 2930548    | 19.415 ug/ml |
| 4) T n-Dodecane (C12)          | 6.660  | 2717123    | 19.374 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.294  | 2897750    | 19.408 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.496  | 2685607    | 19.143 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.109 | 2684639    | 18.731 ug/ml |
| 8) T n-Octadecane (C18)        | 11.557 | 2633393    | 18.070 ug/ml |
| 10) T n-Eicosane (C20)         | 12.870 | 2606921    | 17.915 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.485 | 2571542    | 17.754 ug/ml |
| 13) T n-Docosane (C22)         | 14.072 | 2544915    | 17.636 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.178 | 2515535    | 17.513 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.200 | 2470429    | 17.443 ug/ml |
| 16) T n-Octacosane (C28)       | 17.152 | 2467442    | 17.735 ug/ml |
| 17) T n-Tricontane (C30)       | 18.041 | 2543706    | 18.274 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.875 | 2574736    | 18.752 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.660 | 2466998    | 18.934 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.401 | 2445840    | 19.374 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.136 | 2410811    | 19.788 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.039 | 2412213    | 20.199 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

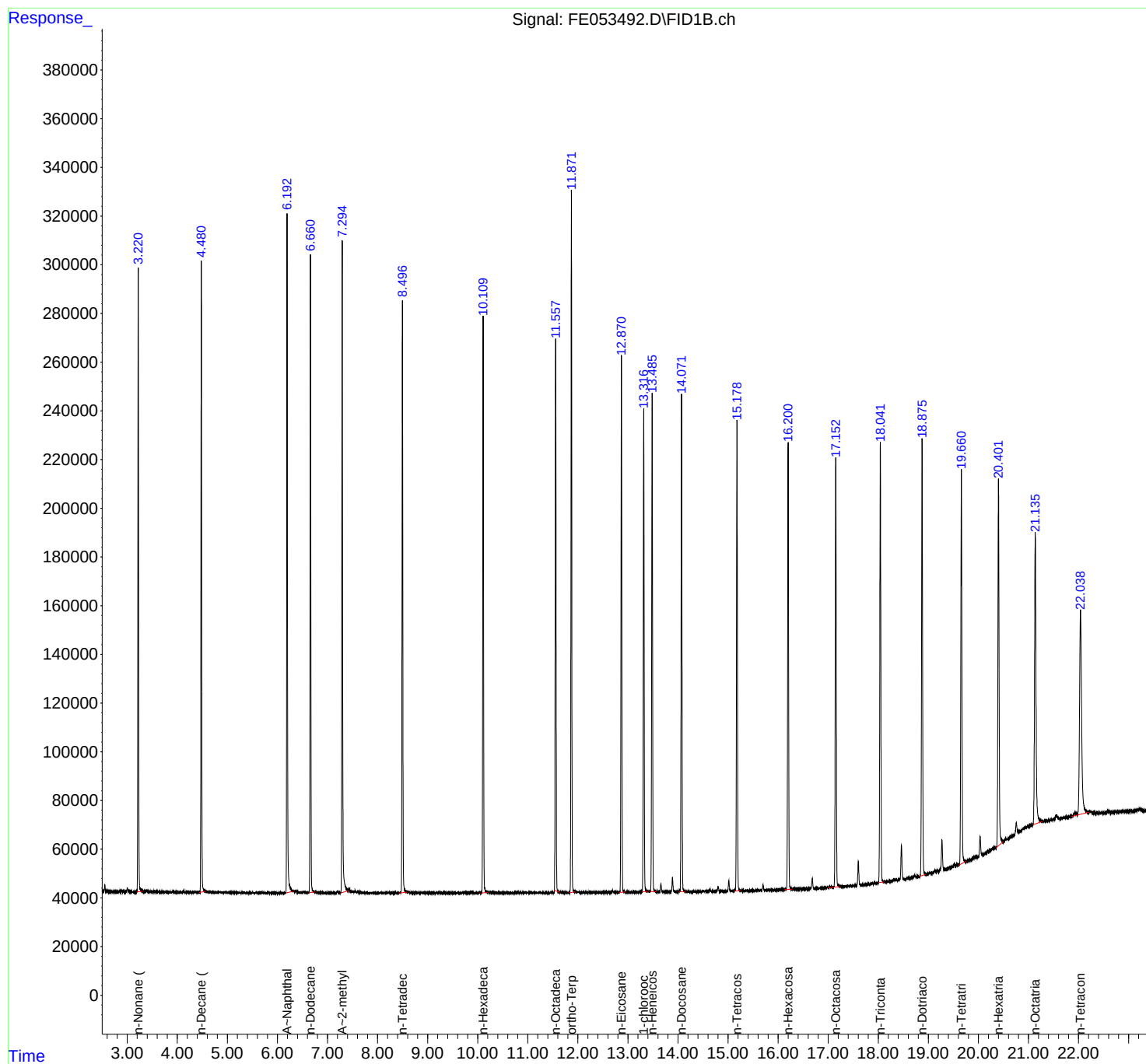
(m)=manual int.

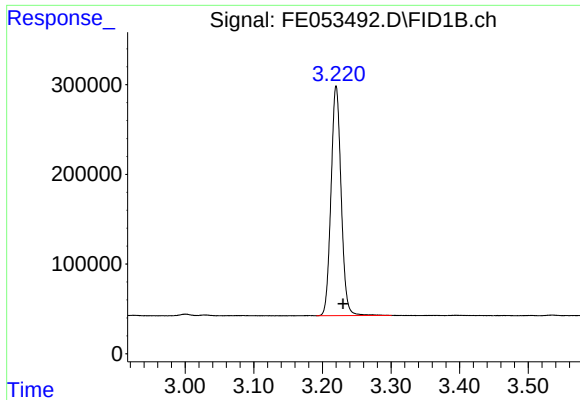
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE042325AL\  
Data File : FE053492.D  
Signal(s) : FID1B.ch  
Acq On : 23 Apr 2025 07:42  
Operator : YP\AJ  
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Misc :  
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QLast Update : Wed Apr 23 15:58:53 2025  
Response via : Initial Calibration  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

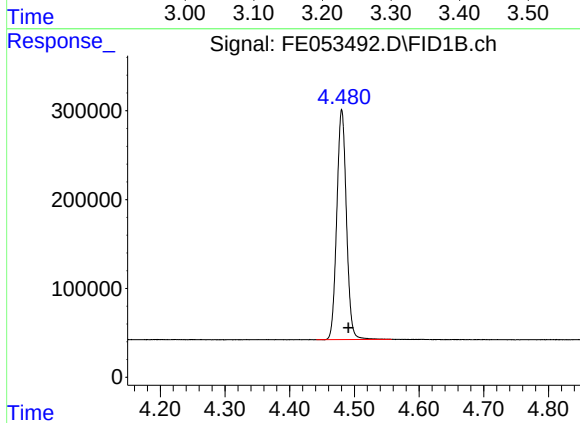




#1 n-Nonane (C9)

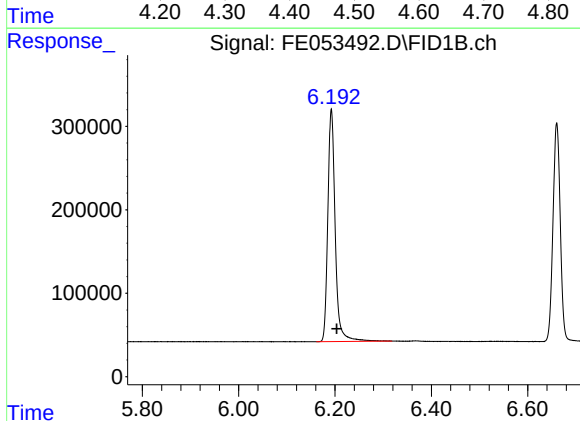
R.T.: 3.220 min  
Delta R.T.: -0.010 min  
Response: 2624748  
Conc: 19.14 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



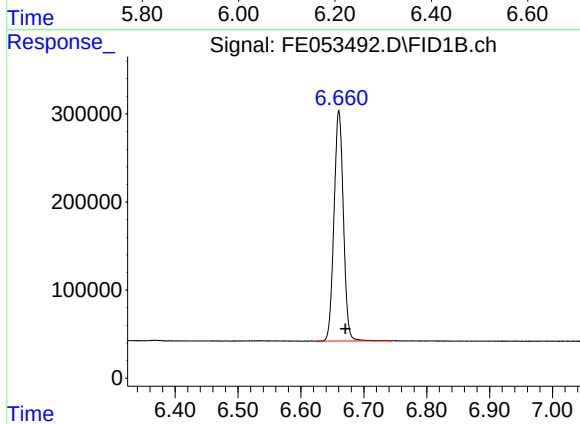
#2 n-Decane (C10)

R.T.: 4.481 min  
Delta R.T.: -0.010 min  
Response: 2681630  
Conc: 19.39 ug/ml



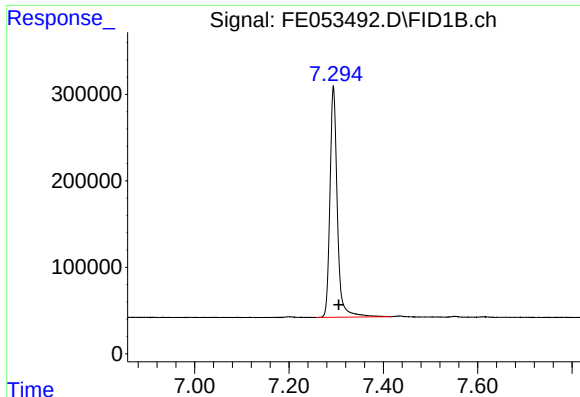
#3 A~Naphthalene (C11.7)

R.T.: 6.193 min  
Delta R.T.: -0.011 min  
Response: 2930548  
Conc: 19.41 ug/ml



#4 n-Dodecane (C12)

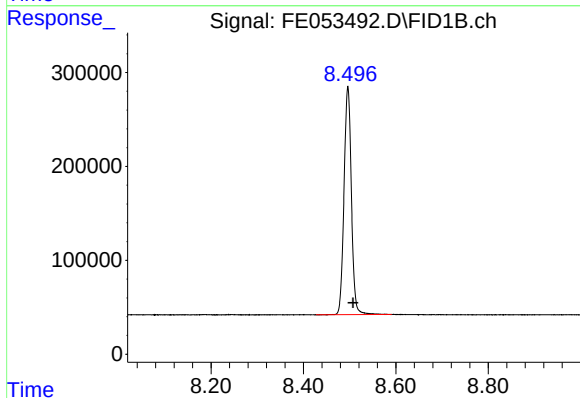
R.T.: 6.660 min  
Delta R.T.: -0.010 min  
Response: 2717123  
Conc: 19.37 ug/ml



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

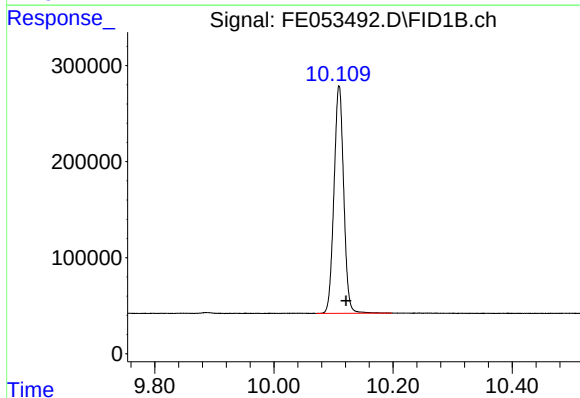
R.T.: 7.294 min  
Delta R.T.: -0.011 min  
Response: 2897750  
Conc: 19.41 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



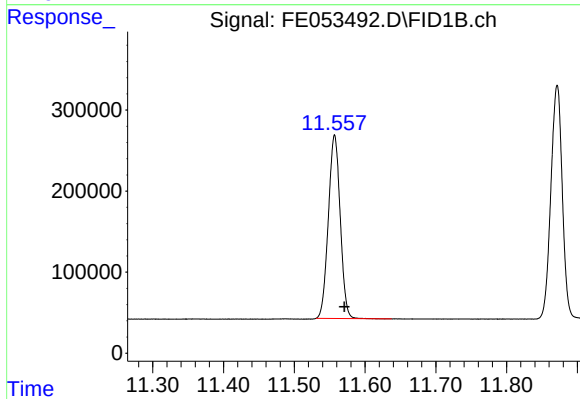
#6 n-Tetradecane (C14)

R.T.: 8.496 min  
Delta R.T.: -0.011 min  
Response: 2685607  
Conc: 19.14 ug/ml



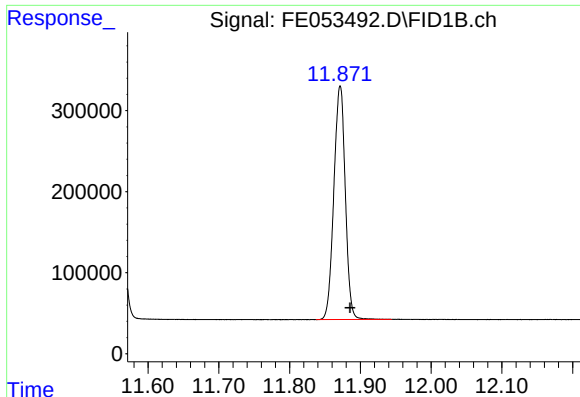
#7 n-Hexadecane (C16)

R.T.: 10.109 min  
Delta R.T.: -0.012 min  
Response: 2684639  
Conc: 18.73 ug/ml



#8 n-Octadecane (C18)

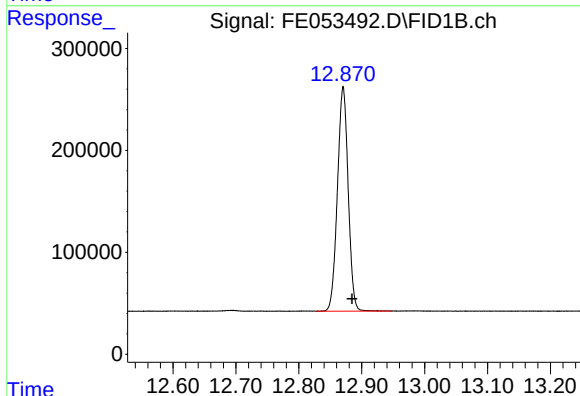
R.T.: 11.557 min  
Delta R.T.: -0.014 min  
Response: 2633393  
Conc: 18.07 ug/ml



#9 ortho-Terphenyl (SURR)

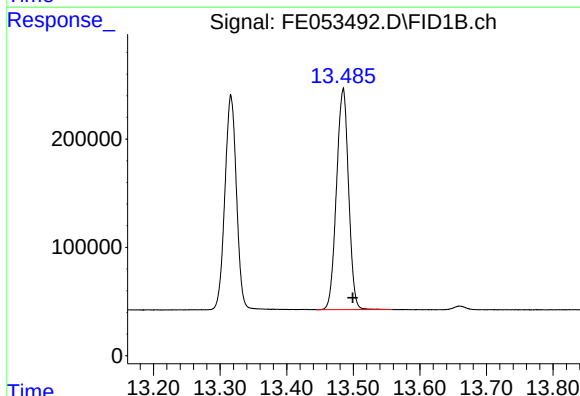
R.T.: 11.871 min  
Delta R.T.: -0.014 min  
Response: 3239112  
Conc: 17.96 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



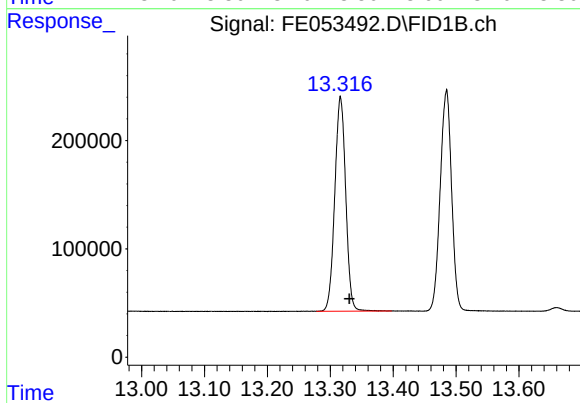
#10 n-Eicosane (C20)

R.T.: 12.870 min  
Delta R.T.: -0.014 min  
Response: 2606921  
Conc: 17.92 ug/ml



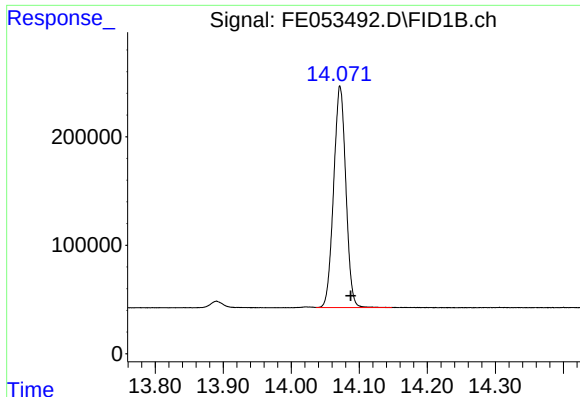
#11 n-Heneicosane (C21)

R.T.: 13.485 min  
Delta R.T.: -0.015 min  
Response: 2571542  
Conc: 17.75 ug/ml



#12 1-chlorooctadecane (SURR)

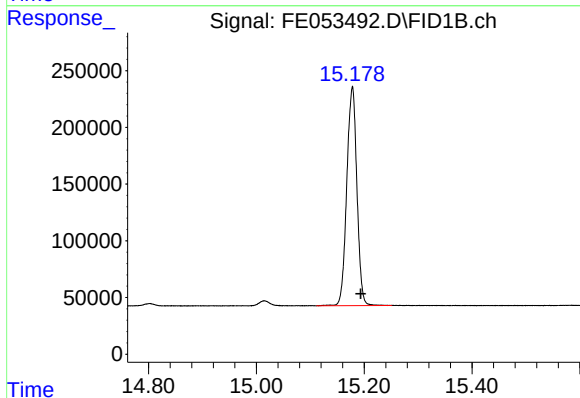
R.T.: 13.316 min  
Delta R.T.: -0.014 min  
Response: 2389561  
Conc: 17.68 ug/ml



#13 n-Docosane (C22)

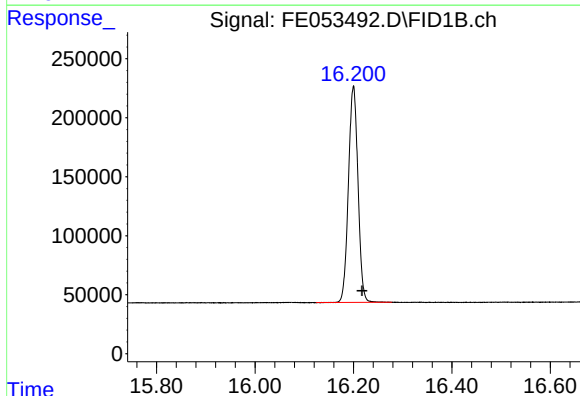
R.T.: 14.072 min  
Delta R.T.: -0.016 min  
Response: 2544915  
Conc: 17.64 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



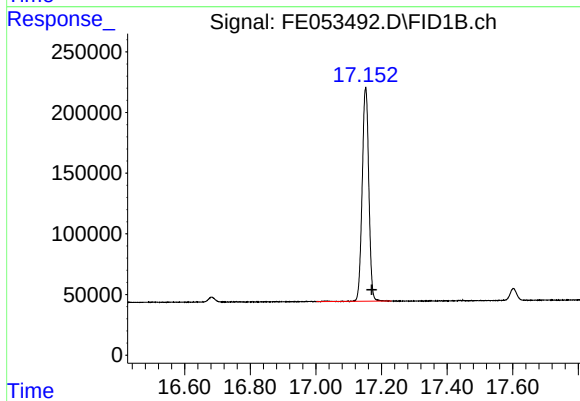
#14 n-Tetracosane (C24)

R.T.: 15.178 min  
Delta R.T.: -0.016 min  
Response: 2515535  
Conc: 17.51 ug/ml



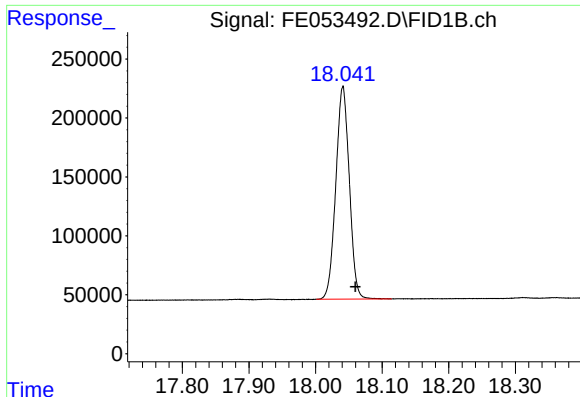
#15 n-Hexacosane (C26)

R.T.: 16.200 min  
Delta R.T.: -0.018 min  
Response: 2470429  
Conc: 17.44 ug/ml



#16 n-Octacosane (C28)

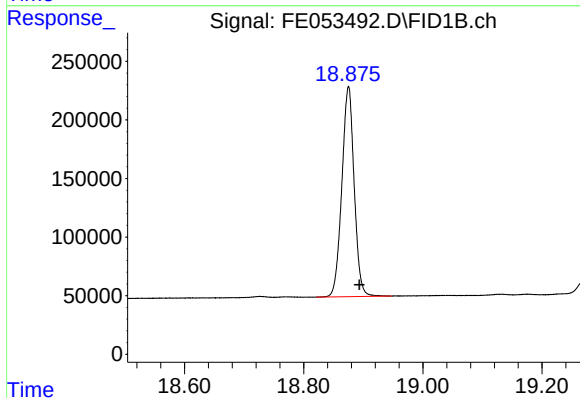
R.T.: 17.152 min  
Delta R.T.: -0.018 min  
Response: 2467442  
Conc: 17.74 ug/ml



#17 n-Tricontane (C30)

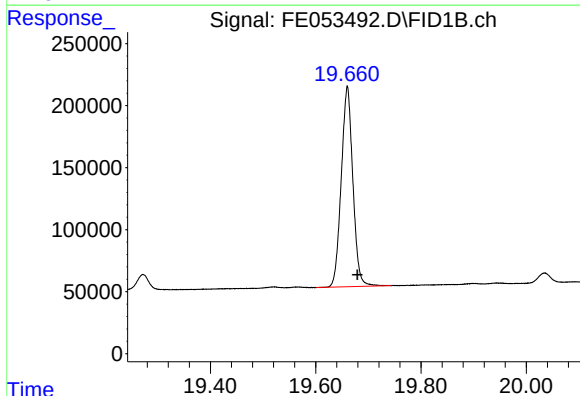
R.T.: 18.041 min  
Delta R.T.: -0.019 min  
Response: 2543706  
Conc: 18.27 ug/ml

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FID\_E  
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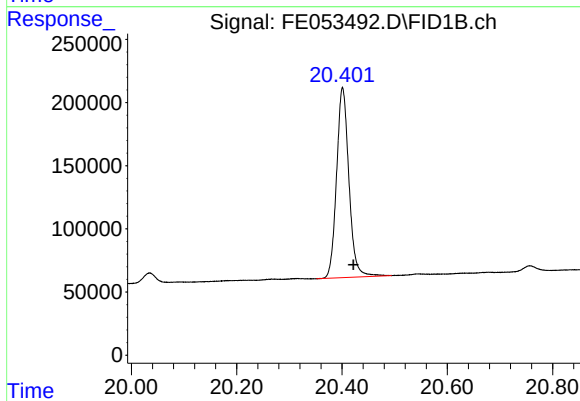
#18 n-Dotriacontane (C32)

R.T.: 18.875 min  
Delta R.T.: -0.018 min  
Response: 2574736  
Conc: 18.75 ug/ml



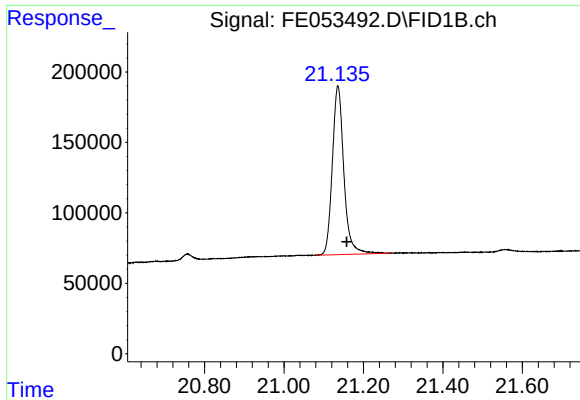
#19 n-Tetratriacontane (C34)

R.T.: 19.660 min  
Delta R.T.: -0.019 min  
Response: 2466998  
Conc: 18.93 ug/ml



#20 n-Hexatriacontane (C36)

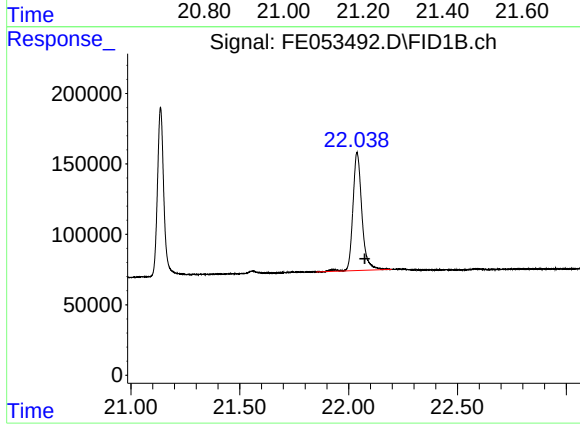
R.T.: 20.401 min  
Delta R.T.: -0.021 min  
Response: 2445840  
Conc: 19.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.136 min  
Delta R.T.: -0.022 min  
Response: 2410811  
Conc: 19.79 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.039 min  
Delta R.T.: -0.035 min  
Response: 2412213  
Conc: 20.20 ug/ml