

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE060525AL\  
 Data File : FE054193.D  
 Signal(s) : FID1B.ch  
 Acq On : 05 Jun 2025 15:42  
 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: Jun 06 01:15:18 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 051425.M  
 Quant Title : GC Extractables  
 QLast Update : Wed May 14 12:15:41 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)    | 11.835 | 3001731    | 18.471 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.94%       |
| 12) S 1-chlorooctadecane (S... | 13.281 | 2255273    | 19.024 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.05%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.184  | 2200934    | 16.285 ug/ml |
| 2) T n-Decane (C10)            | 4.447  | 2265565    | 16.766 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.162  | 2505454    | 17.434 ug/ml |
| 4) T n-Dodecane (C12)          | 6.628  | 2375171    | 17.413 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.264  | 2475139    | 17.844 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.463  | 2408218    | 17.845 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.075 | 2470117    | 18.306 ug/ml |
| 8) T n-Octadecane (C18)        | 11.521 | 2491530    | 18.502 ug/ml |
| 10) T n-Eicosane (C20)         | 12.835 | 2469034    | 18.786 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.448 | 2440422    | 18.824 ug/ml |
| 13) T n-Docosane (C22)         | 14.036 | 2450957    | 19.212 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.142 | 2487878    | 19.885 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.164 | 2469129    | 20.164 ug/ml |
| 16) T n-Octacosane (C28)       | 17.116 | 2468829    | 20.309 ug/ml |
| 17) T n-Tricontane (C30)       | 18.005 | 2553316    | 20.498 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.839 | 2557671    | 20.452 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.624 | 2347156    | 19.704 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.366 | 2202109    | 19.019 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.094 | 1967393    | 18.078 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.986 | 1903137    | 19.179 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

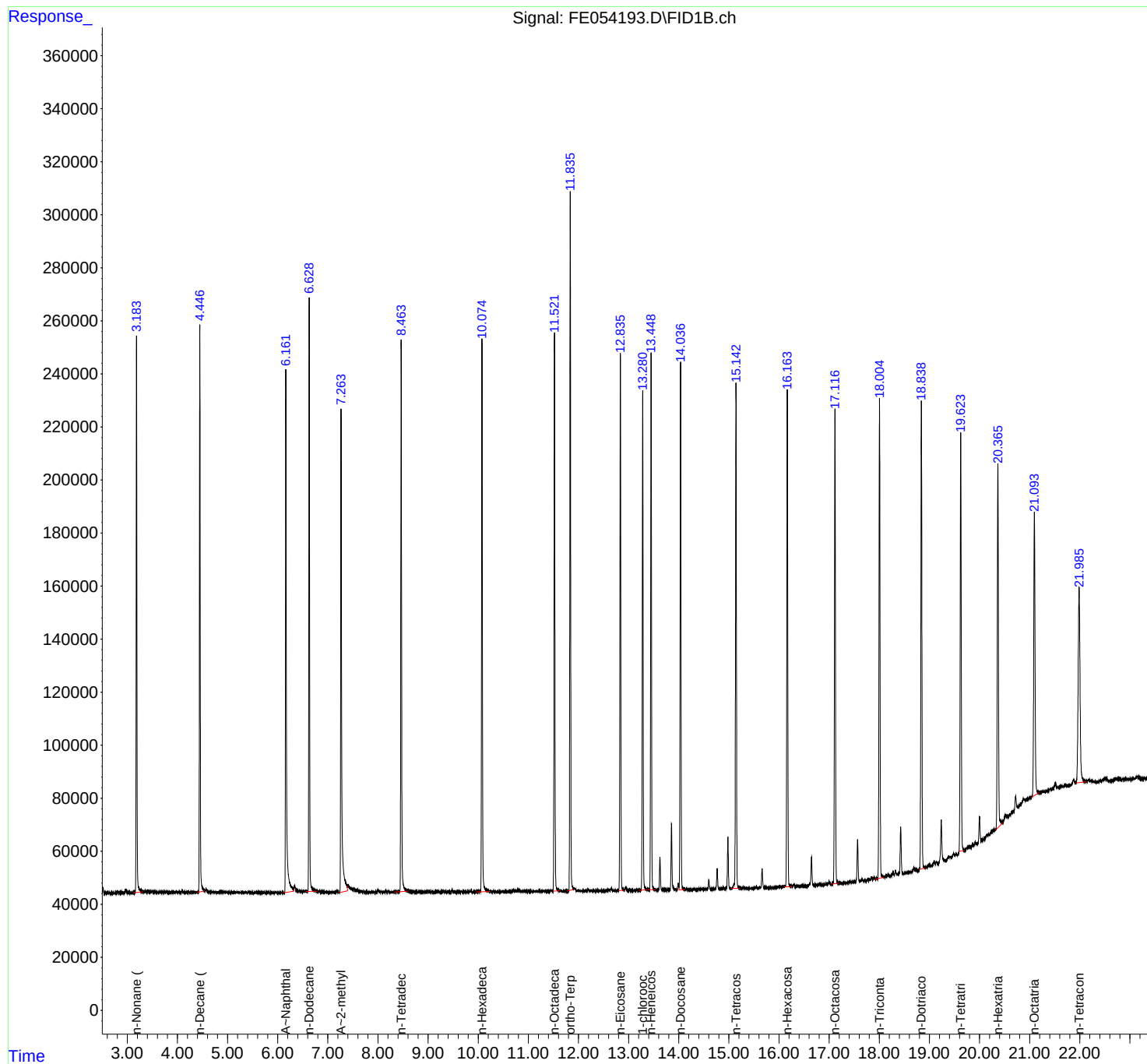
(m)=manual int.

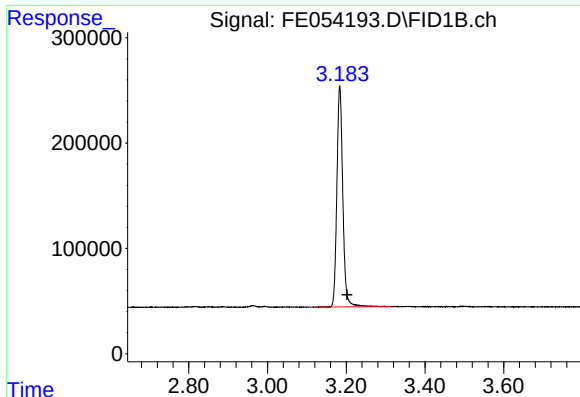
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE060525AL\  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
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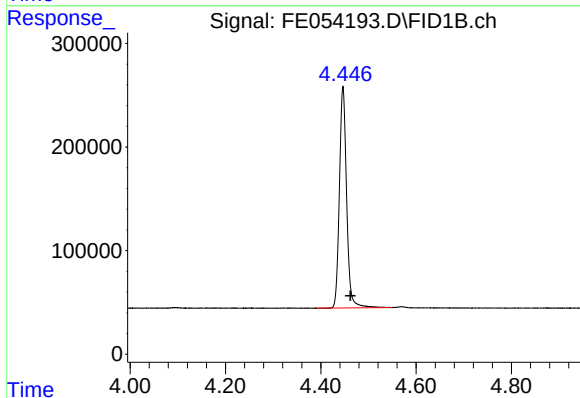




#1 n-Nonane (C9)

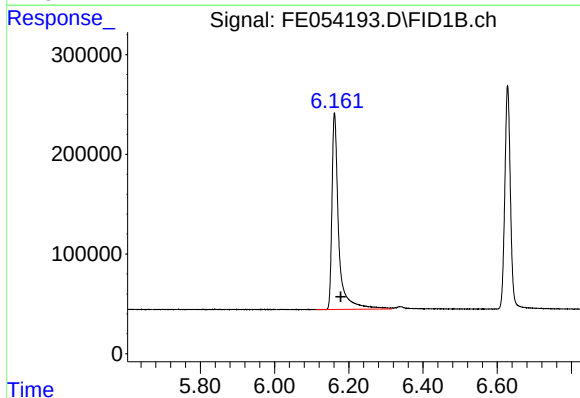
R.T.: 3.184 min  
Delta R.T.: -0.018 min  
Response: 2200934  
Conc: 16.28 ug/ml

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



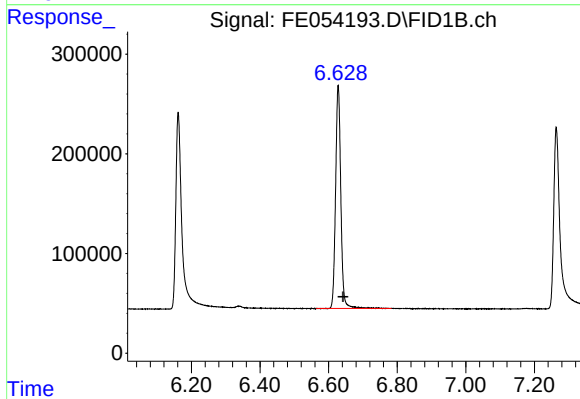
#2 n-Decane (C10)

R.T.: 4.447 min  
Delta R.T.: -0.016 min  
Response: 2265565  
Conc: 16.77 ug/ml



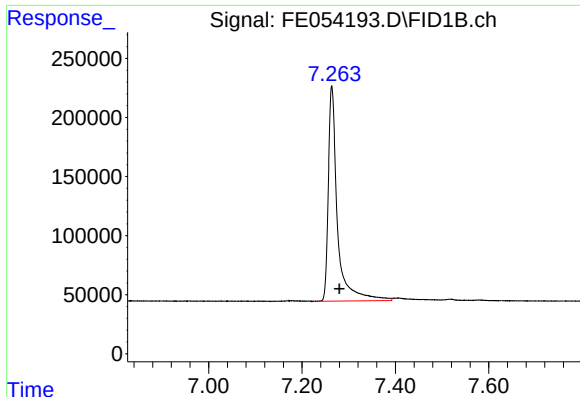
#3 A~Naphthalene (C11.7)

R.T.: 6.162 min  
Delta R.T.: -0.016 min  
Response: 2505454  
Conc: 17.43 ug/ml



#4 n-Dodecane (C12)

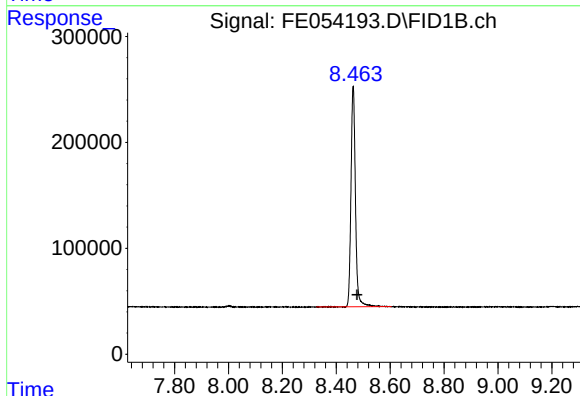
R.T.: 6.628 min  
Delta R.T.: -0.014 min  
Response: 2375171  
Conc: 17.41 ug/ml



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

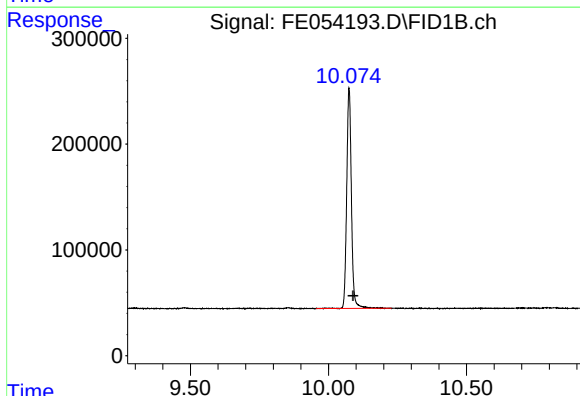
R.T.: 7.264 min  
Delta R.T.: -0.016 min  
Response: 2475139  
Conc: 17.84 ug/ml

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



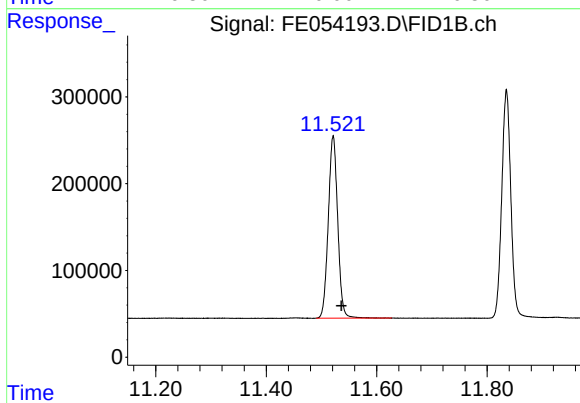
#6 n-Tetradecane (C14)

R.T.: 8.463 min  
Delta R.T.: -0.014 min  
Response: 2408218  
Conc: 17.85 ug/ml



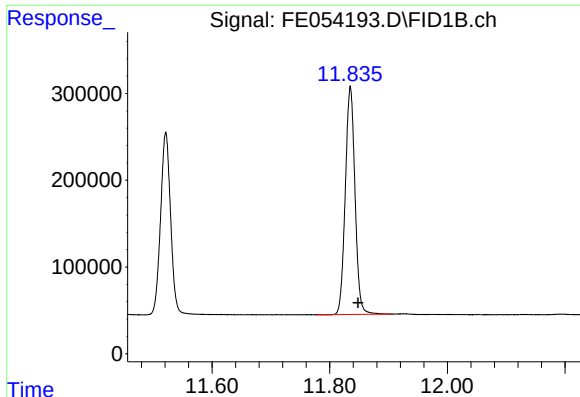
#7 n-Hexadecane (C16)

R.T.: 10.075 min  
Delta R.T.: -0.015 min  
Response: 2470117  
Conc: 18.31 ug/ml



#8 n-Octadecane (C18)

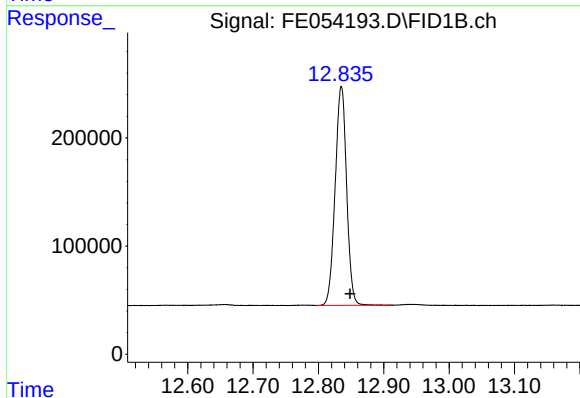
R.T.: 11.521 min  
Delta R.T.: -0.015 min  
Response: 2491530  
Conc: 18.50 ug/ml



#9 ortho-Terphenyl (SURR)

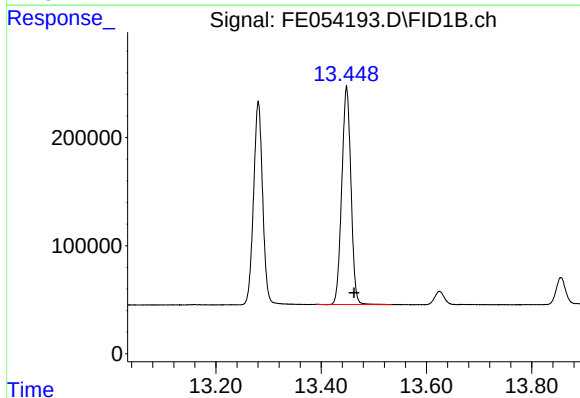
R.T.: 11.835 min  
Delta R.T.: -0.014 min  
Response: 3001731  
Conc: 18.47 ug/ml

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



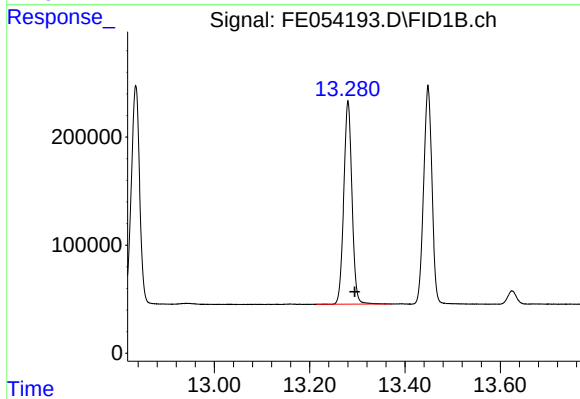
#10 n-Eicosane (C20)

R.T.: 12.835 min  
Delta R.T.: -0.014 min  
Response: 2469034  
Conc: 18.79 ug/ml



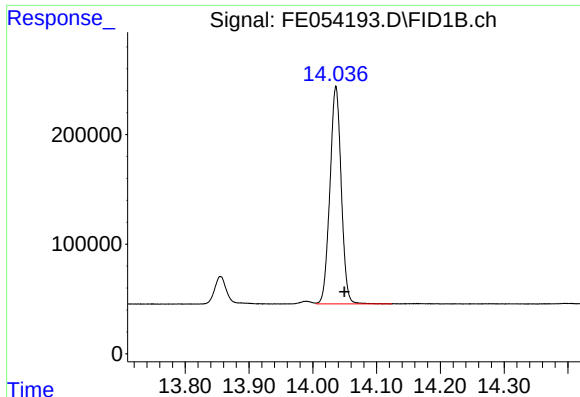
#11 n-Heneicosane (C21)

R.T.: 13.448 min  
Delta R.T.: -0.014 min  
Response: 2440422  
Conc: 18.82 ug/ml



#12 1-chlorooctadecane (SURR)

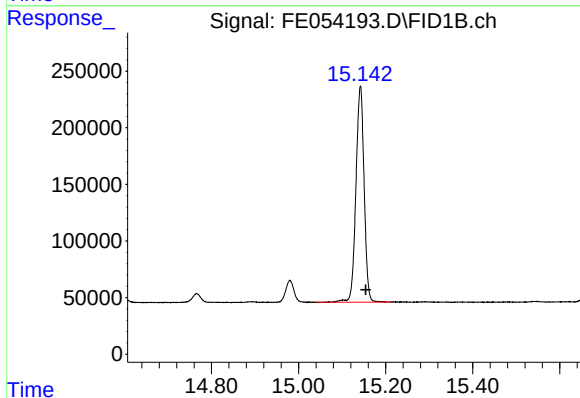
R.T.: 13.281 min  
Delta R.T.: -0.014 min  
Response: 2255273  
Conc: 19.02 ug/ml



#13 n-Docosane (C22)

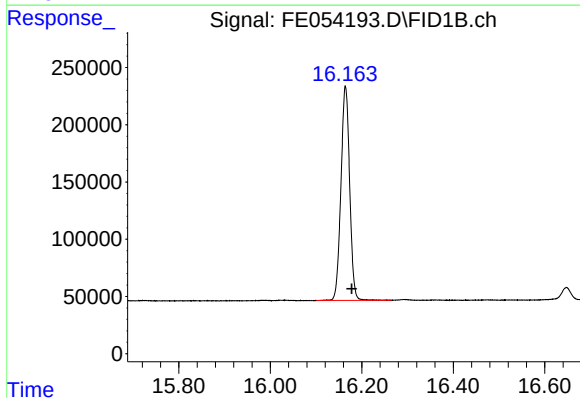
R.T.: 14.036 min  
Delta R.T.: -0.013 min  
Response: 2450957  
Conc: 19.21 ug/ml

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



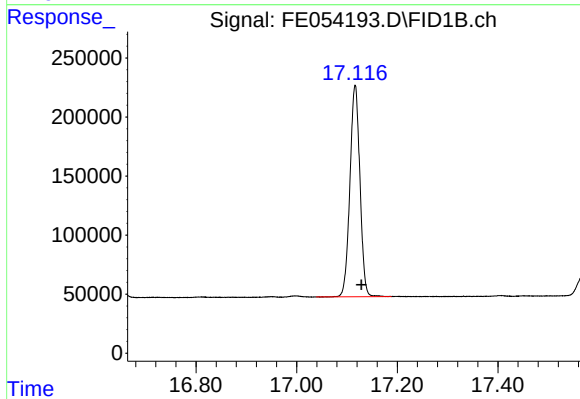
#14 n-Tetracosane (C24)

R.T.: 15.142 min  
Delta R.T.: -0.013 min  
Response: 2487878  
Conc: 19.88 ug/ml



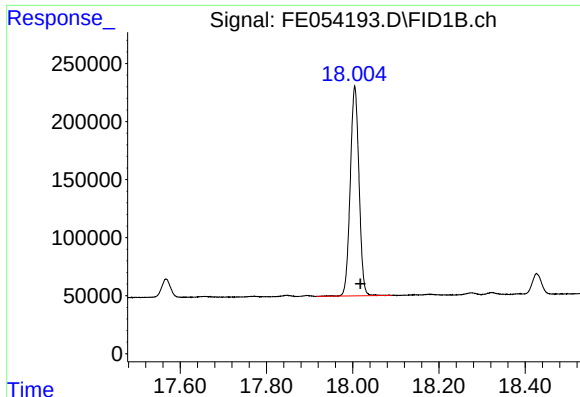
#15 n-Hexacosane (C26)

R.T.: 16.164 min  
Delta R.T.: -0.013 min  
Response: 2469129  
Conc: 20.16 ug/ml



#16 n-Octacosane (C28)

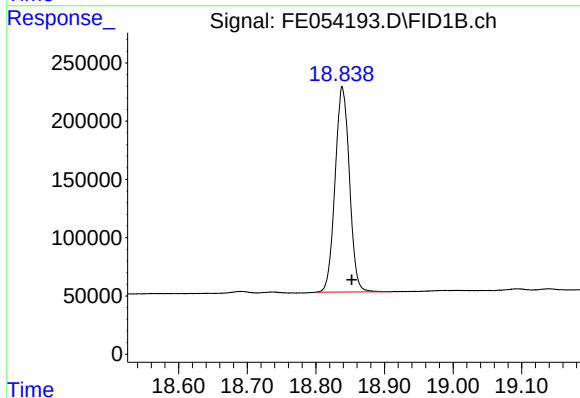
R.T.: 17.116 min  
Delta R.T.: -0.012 min  
Response: 2468829  
Conc: 20.31 ug/ml



#17 n-Tricontane (C30)

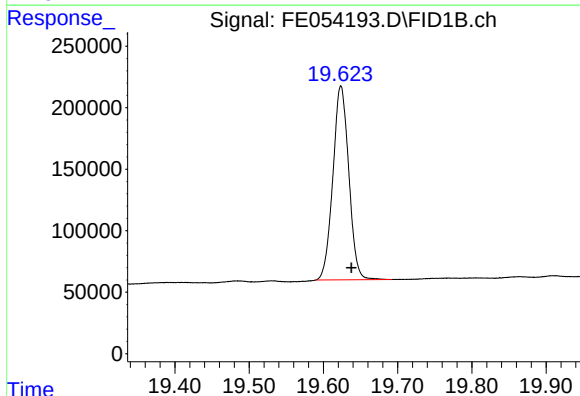
R.T.: 18.005 min  
Delta R.T.: -0.013 min  
Response: 2553316  
Conc: 20.50 ug/ml

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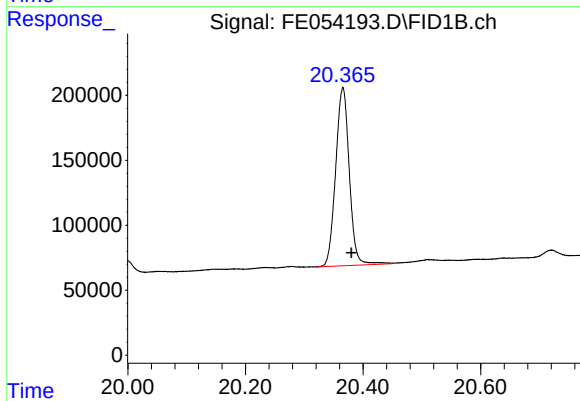
#18 n-Dotriacontane (C32)

R.T.: 18.839 min  
Delta R.T.: -0.013 min  
Response: 2557671  
Conc: 20.45 ug/ml



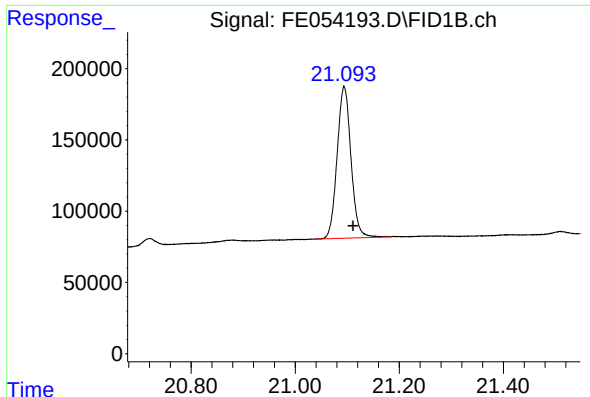
#19 n-Tetratriacontane (C34)

R.T.: 19.624 min  
Delta R.T.: -0.014 min  
Response: 2347156  
Conc: 19.70 ug/ml



#20 n-Hexatriacontane (C36)

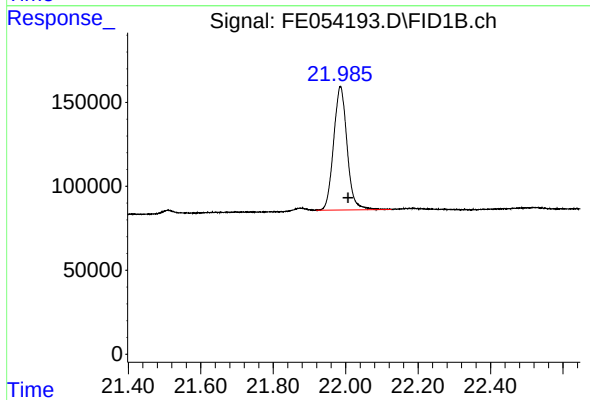
R.T.: 20.366 min  
Delta R.T.: -0.015 min  
Response: 2202109  
Conc: 19.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.094 min  
Delta R.T.: -0.017 min  
Response: 1967393  
Conc: 18.08 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
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#22 n-Tetracontane (C40)

R.T.: 21.986 min  
Delta R.T.: -0.021 min  
Response: 1903137  
Conc: 19.18 ug/ml