

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF100225AL\  
 Data File : FF016534.D  
 Signal(s) : FID2B.ch  
 Acq On : 03 Oct 2025 02:26  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Oct 03 05:52:37 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\Aliphatic EPH 100225.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 03 04:46:15 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)    | 11.966 | 2686109    | 18.399 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.80%       |
| 12) S 1-chlorooctadecane (S... | 13.406 | 2075900    | 18.419 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.84%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.321  | 2213564    | 18.851 ug/ml |
| 2) T n-Decane (C10)            | 4.582  | 2256775    | 18.850 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.292  | 2448896    | 18.992 ug/ml |
| 4) T n-Dodecane (C12)          | 6.760  | 2276378    | 18.762 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.392  | 2356548    | 18.949 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.593  | 2267068    | 18.710 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.203 | 2373073    | 18.624 ug/ml |
| 8) T n-Octadecane (C18)        | 11.649 | 2431601    | 18.473 ug/ml |
| 10) T n-Eicosane (C20)         | 12.961 | 2382888    | 18.248 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.575 | 2353778    | 18.250 ug/ml |
| 13) T n-Docosane (C22)         | 14.163 | 2344929    | 17.945 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.270 | 2350640    | 17.272 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.295 | 2291225    | 16.980 ug/ml |
| 16) T n-Octacosane (C28)       | 17.248 | 2208767    | 16.614 ug/ml |
| 17) T n-Tricontane (C30)       | 18.138 | 2206956    | 16.374 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.974 | 2143587    | 16.211 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.761 | 1928447    | 16.728 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.503 | 1708149    | 17.347 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.263 | 1566006    | 17.744 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.211 | 1469198    | 18.100 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

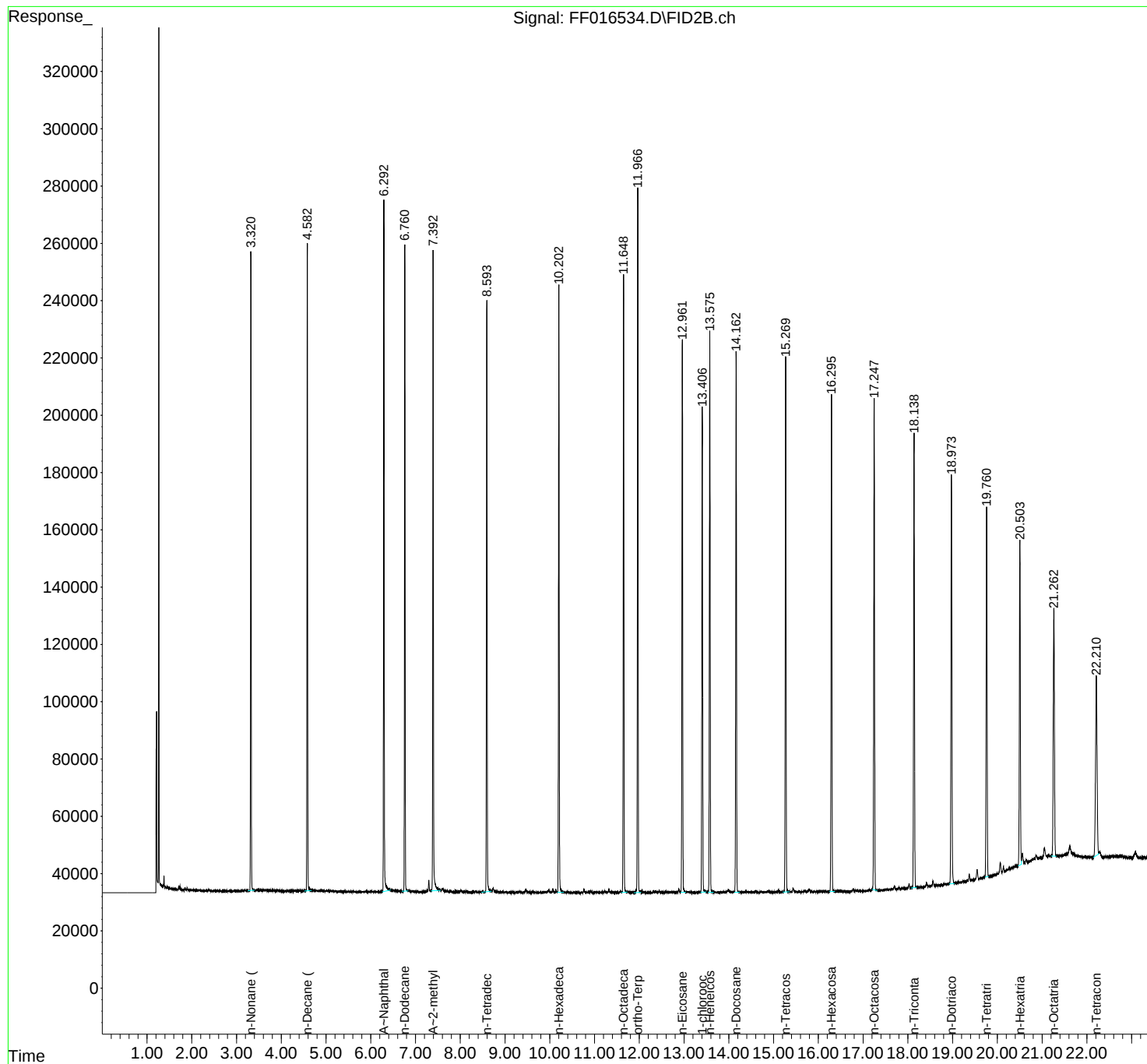
(m)=manual int.

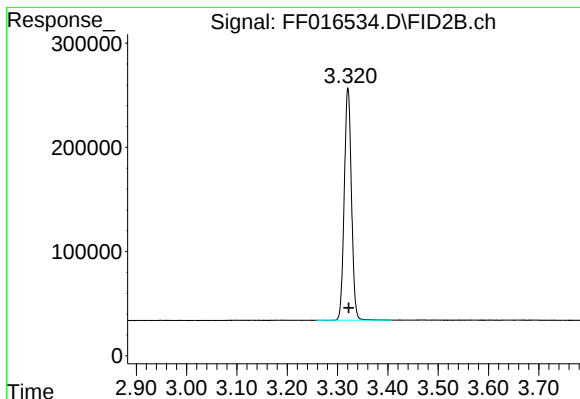
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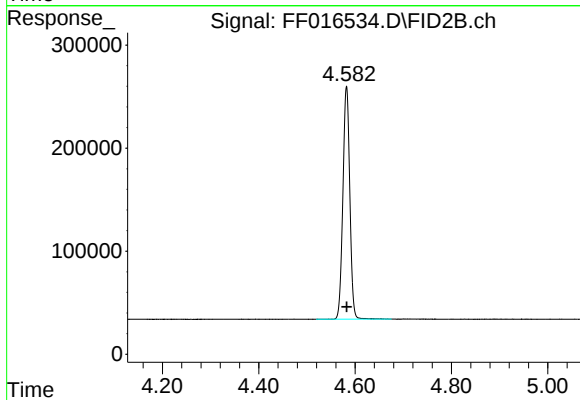




#1 n-Nonane (C9)

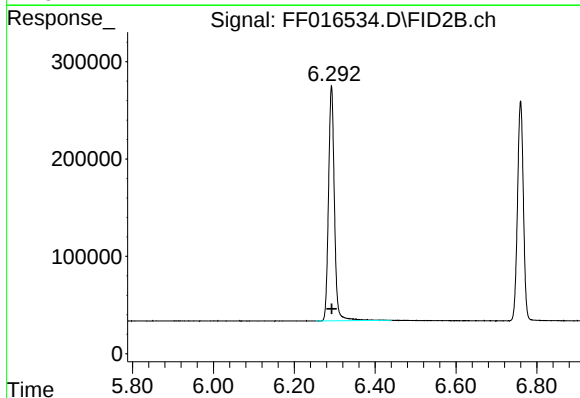
R.T.: 3.321 min  
Delta R.T.: -0.001 min  
Response: 2213564  
Conc: 18.85 ug/ml

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



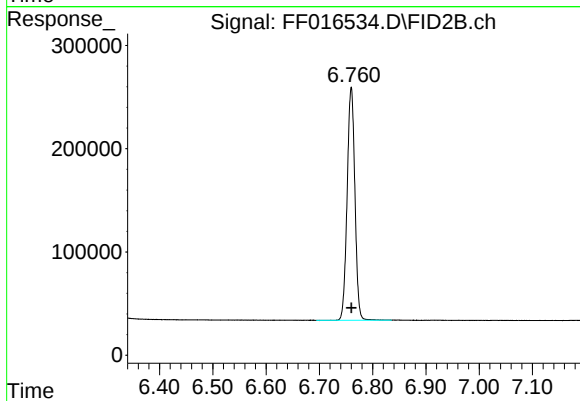
#2 n-Decane (C10)

R.T.: 4.582 min  
Delta R.T.: 0.000 min  
Response: 2256775  
Conc: 18.85 ug/ml



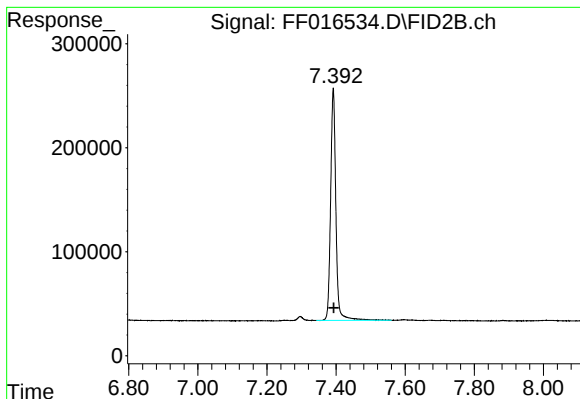
#3 A~Naphthalene (C11.7)

R.T.: 6.292 min  
Delta R.T.: 0.000 min  
Response: 2448896  
Conc: 18.99 ug/ml



#4 n-Dodecane (C12)

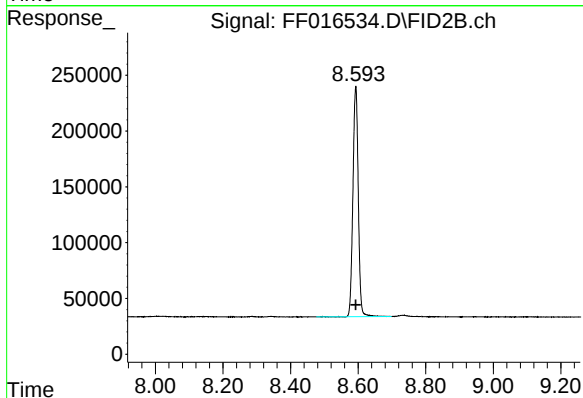
R.T.: 6.760 min  
Delta R.T.: 0.000 min  
Response: 2276378  
Conc: 18.76 ug/ml



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

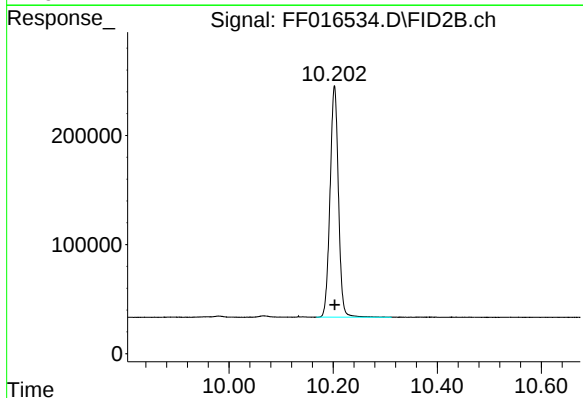
R.T.: 7.392 min  
Delta R.T.: -0.001 min  
Response: 2356548  
Conc: 18.95 ug/ml

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



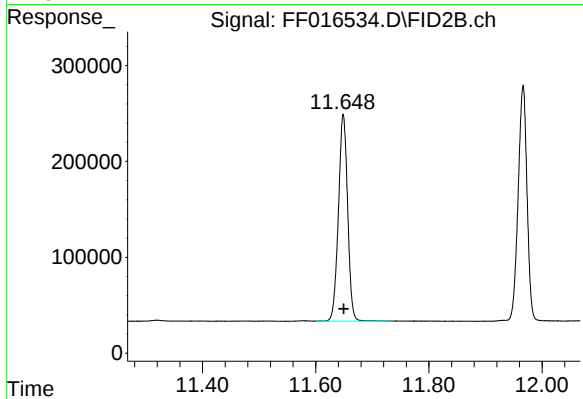
#6 n-Tetradecane (C14)

R.T.: 8.593 min  
Delta R.T.: 0.000 min  
Response: 2267068  
Conc: 18.71 ug/ml



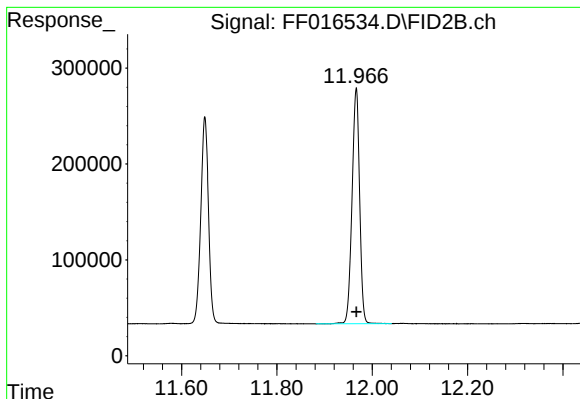
#7 n-Hexadecane (C16)

R.T.: 10.203 min  
Delta R.T.: 0.000 min  
Response: 2373073  
Conc: 18.62 ug/ml



#8 n-Octadecane (C18)

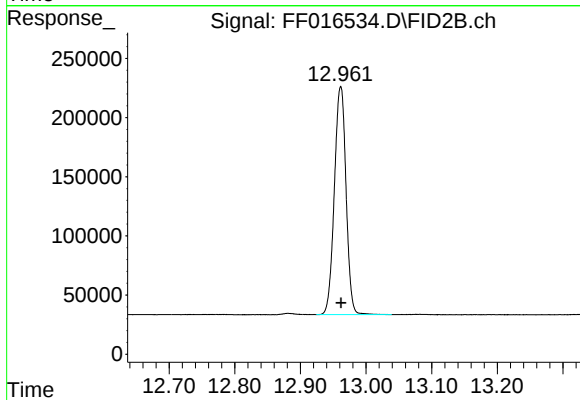
R.T.: 11.649 min  
Delta R.T.: 0.000 min  
Response: 2431601  
Conc: 18.47 ug/ml



#9 ortho-Terphenyl (SURR)

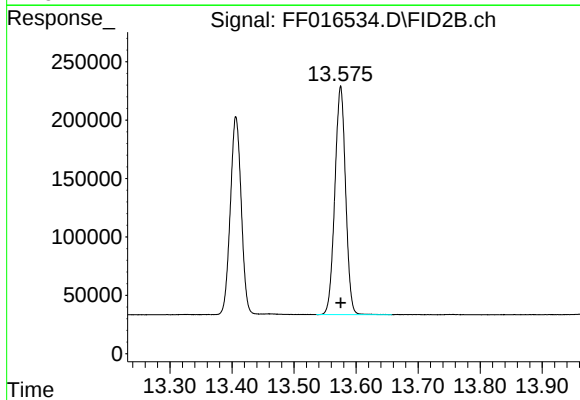
R.T.: 11.966 min  
Delta R.T.: 0.000 min  
Response: 2686109  
Conc: 18.40 ug/ml

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



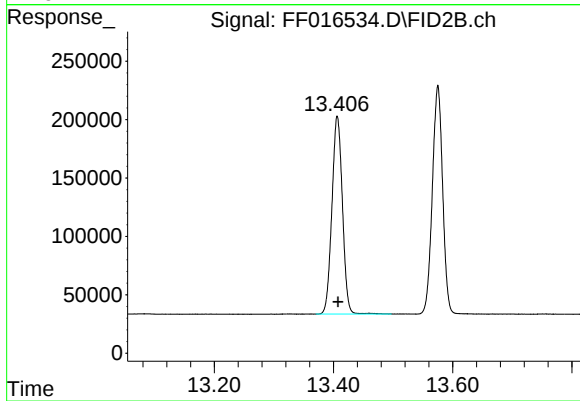
#10 n-Eicosane (C20)

R.T.: 12.961 min  
Delta R.T.: 0.000 min  
Response: 2382888  
Conc: 18.25 ug/ml



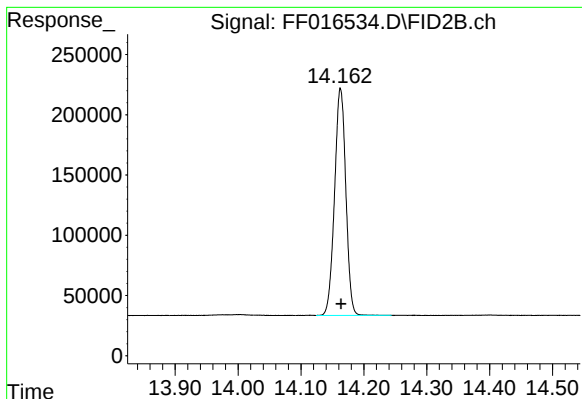
#11 n-Heneicosane (C21)

R.T.: 13.575 min  
Delta R.T.: 0.000 min  
Response: 2353778  
Conc: 18.25 ug/ml



#12 1-chlorooctadecane (SURR)

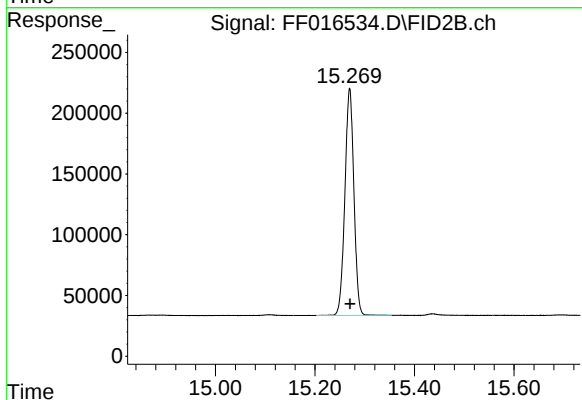
R.T.: 13.406 min  
Delta R.T.: -0.001 min  
Response: 2075900  
Conc: 18.42 ug/ml



#13 n-Docosane (C22)

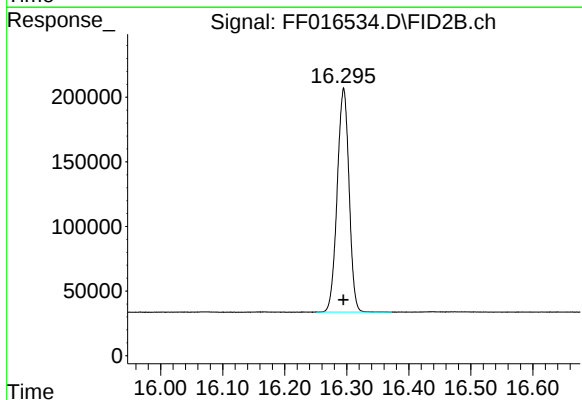
R.T.: 14.163 min  
Delta R.T.: 0.000 min  
Response: 2344929  
Conc: 17.95 ug/ml

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



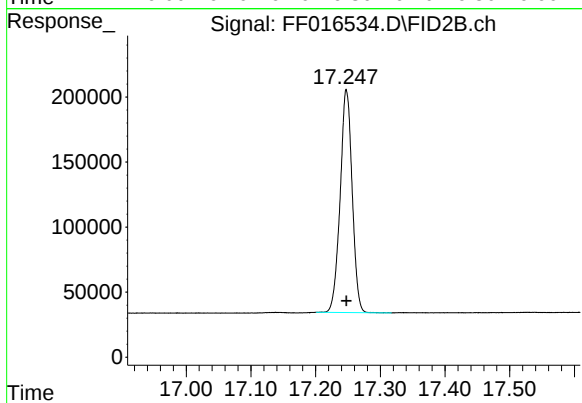
#14 n-Tetracosane (C24)

R.T.: 15.270 min  
Delta R.T.: 0.000 min  
Response: 2350640  
Conc: 17.27 ug/ml



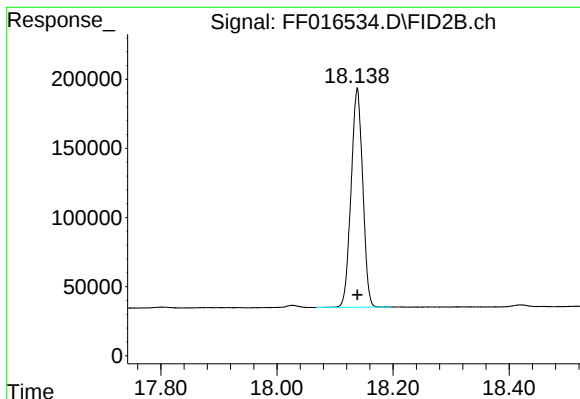
#15 n-Hexacosane (C26)

R.T.: 16.295 min  
Delta R.T.: 0.000 min  
Response: 2291225  
Conc: 16.98 ug/ml



#16 n-Octacosane (C28)

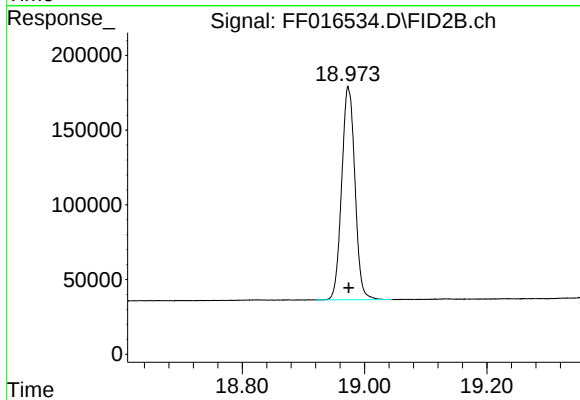
R.T.: 17.248 min  
Delta R.T.: 0.000 min  
Response: 2208767  
Conc: 16.61 ug/ml



#17 n-Tricontane (C30)

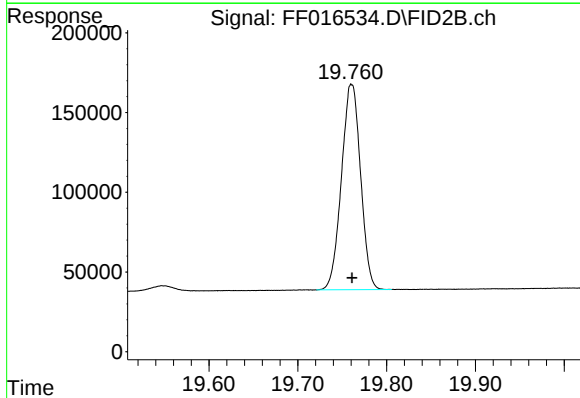
R.T.: 18.138 min  
Delta R.T.: 0.000 min  
Response: 2206956  
Conc: 16.37 ug/ml

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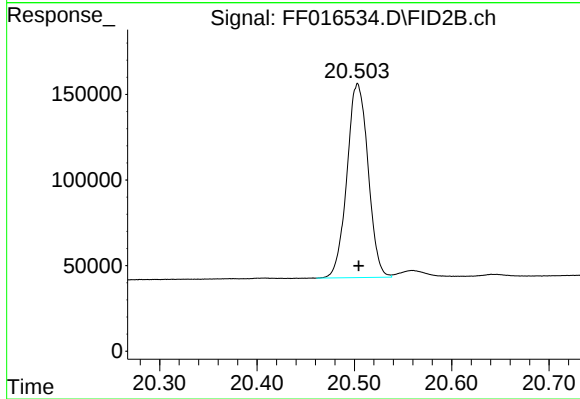
#18 n-Dotriacontane (C32)

R.T.: 18.974 min  
Delta R.T.: 0.000 min  
Response: 2143587  
Conc: 16.21 ug/ml



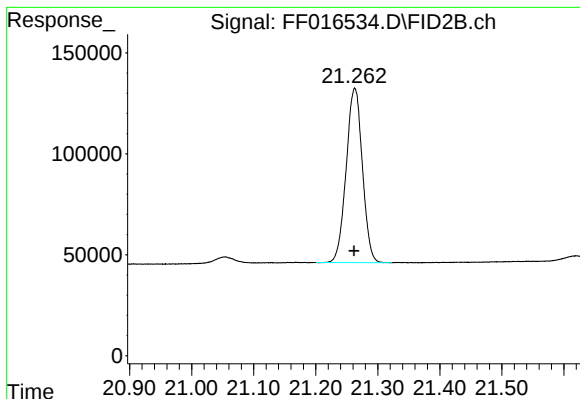
#19 n-Tetratriacontane (C34)

R.T.: 19.761 min  
Delta R.T.: 0.000 min  
Response: 1928447  
Conc: 16.73 ug/ml



#20 n-Hexatriacontane (C36)

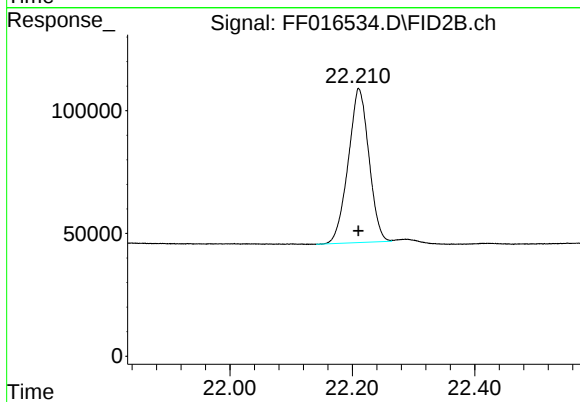
R.T.: 20.503 min  
Delta R.T.: -0.001 min  
Response: 1708149  
Conc: 17.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.263 min  
Delta R.T.: 0.001 min  
Response: 1566006  
Conc: 17.74 ug/ml

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FID\_F  
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#22 n-Tetracontane (C40)

R.T.: 22.211 min  
Delta R.T.: 0.000 min  
Response: 1469198  
Conc: 18.10 ug/ml