

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE020823AL\  
 Data File : FE040248.D  
 Signal(s) : FID1B.ch  
 Acq On : 08 Feb 2023 09:22  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Feb 09 02:34:12 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 020223.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Feb 02 04:52:48 2023  
 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)    | 11.894 | 3364270    | 20.785 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.57%       |
| 12) S 1-chlorooctadecane (S... | 13.332 | 2485477    | 20.040 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.08%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.288  | 2821206    | 20.728 ug/ml |
| 2) T n-Decane (C10)            | 4.537  | 2749466    | 20.693 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.240  | 3059825    | 20.907 ug/ml |
| 4) T n-Dodecane (C12)          | 6.702  | 2786563    | 20.697 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.335  | 2842678    | 21.002 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.528  | 2825369    | 20.501 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.135 | 2934034    | 20.443 ug/ml |
| 8) T n-Octadecane (C18)        | 11.578 | 3047215    | 20.485 ug/ml |
| 10) T n-Eicosane (C20)         | 12.888 | 2993676    | 20.363 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.500 | 3019172    | 20.470 ug/ml |
| 13) T n-Docosane (C22)         | 14.086 | 2983215    | 20.134 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.189 | 2959561    | 19.496 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.210 | 2859302    | 19.287 ug/ml |
| 16) T n-Octacosane (C28)       | 17.161 | 2769582    | 18.481 ug/ml |
| 17) T n-Tricontane (C30)       | 18.050 | 2665069    | 18.062 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.884 | 2594782    | 17.717 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.667 | 2489255    | 18.098 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.408 | 2300307    | 17.342 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.140 | 2182145    | 16.821 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.039 | 2030076    | 15.290 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

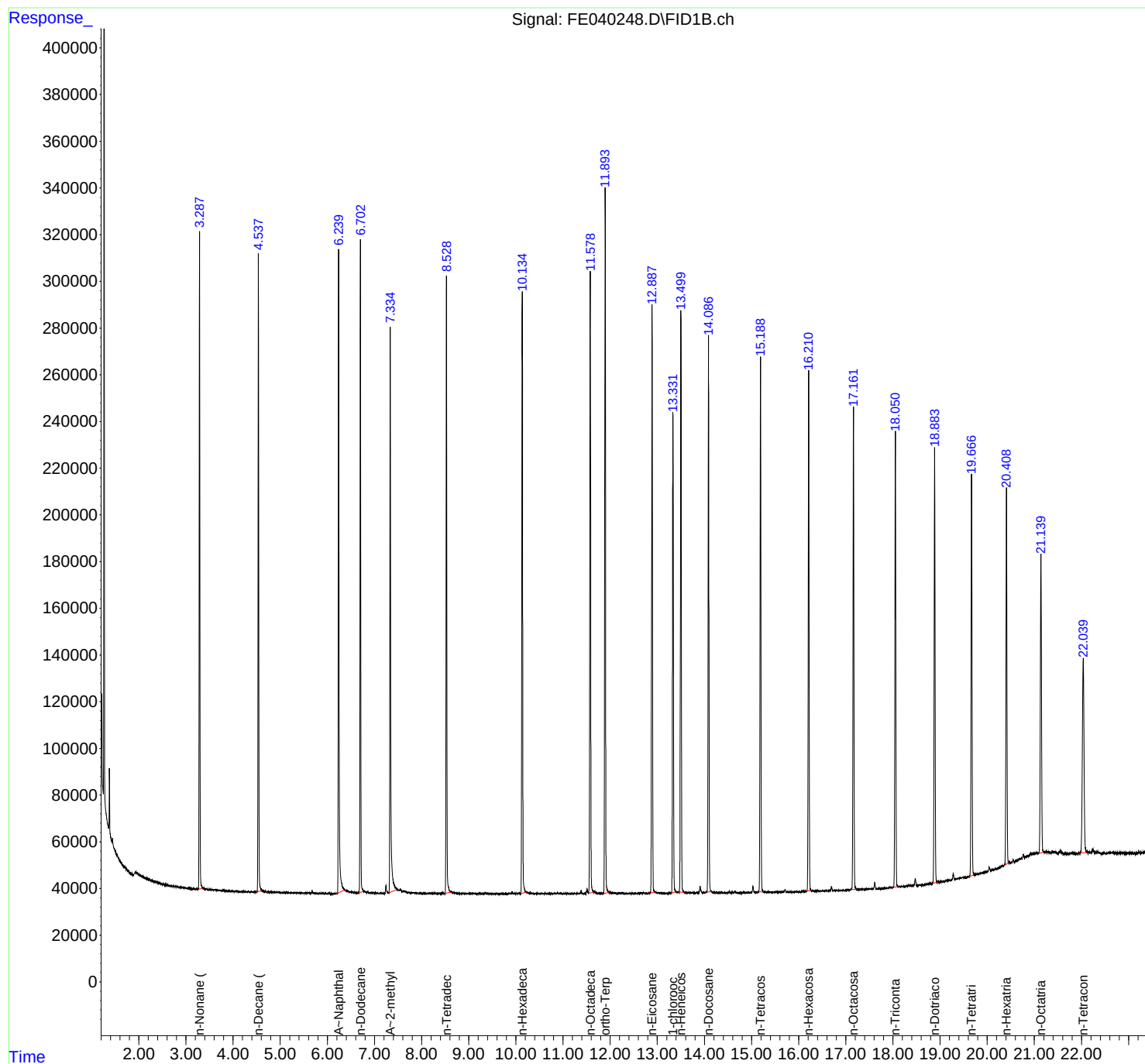
(m)=manual int.

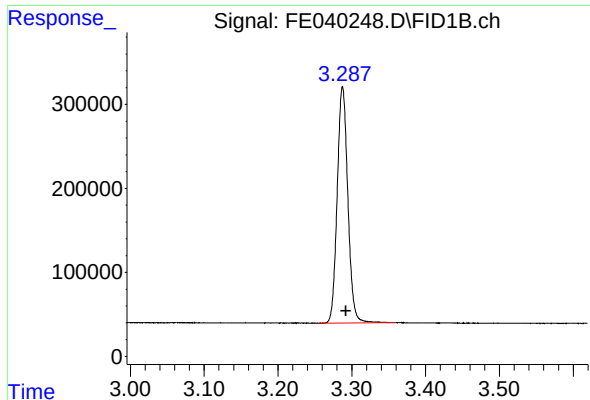
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE020823AL\  
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Acq On : 08 Feb 2023 09:22  
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Sample : 20 PPM ALIPHATIC HC STD  
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ALS Vial : 2 Sample Multiplier: 1

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Integration File: autoint1.e  
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 020223.M  
Quant Title : GC Extractables  
QLast Update : Thu Feb 02 04:52:48 2023  
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Volume Inj. : 1 ul  
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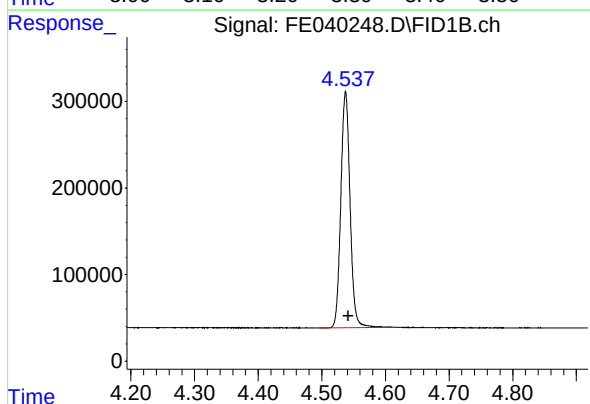




#1 n-Nonane (C9)

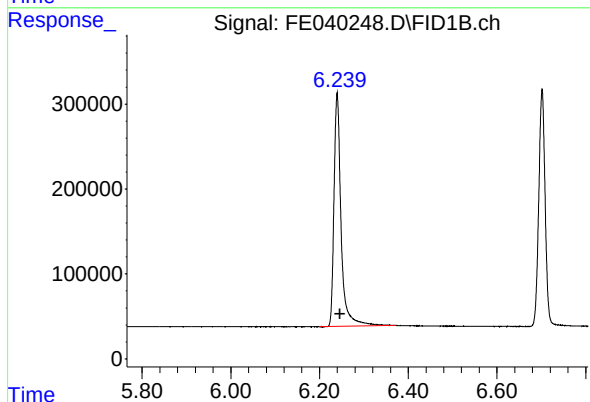
R.T.: 3.288 min  
Delta R.T.: -0.004 min  
Response: 2821206  
Conc: 20.73 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



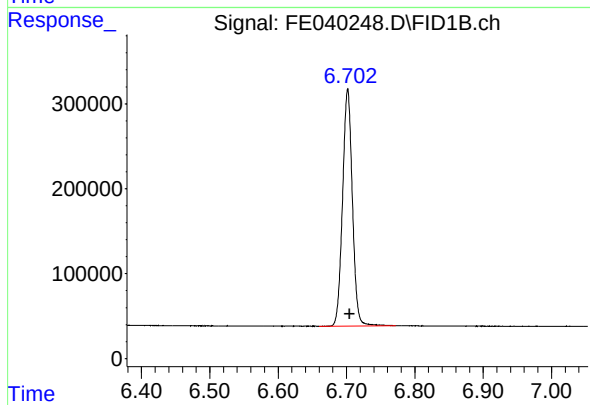
#2 n-Decane (C10)

R.T.: 4.537 min  
Delta R.T.: -0.004 min  
Response: 2749466  
Conc: 20.69 ug/ml



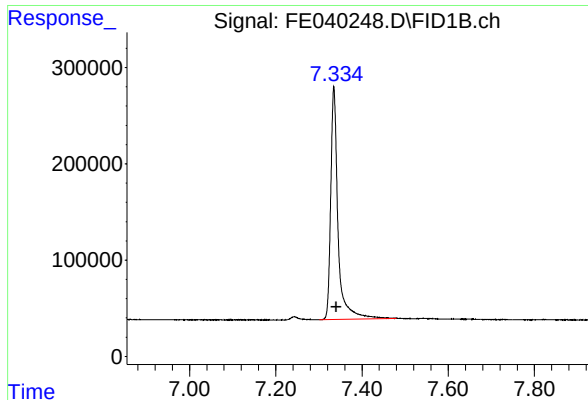
#3 A~Naphthalene (C11.7)

R.T.: 6.240 min  
Delta R.T.: -0.006 min  
Response: 3059825  
Conc: 20.91 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.702 min  
Delta R.T.: -0.003 min  
Response: 2786563  
Conc: 20.70 ug/ml



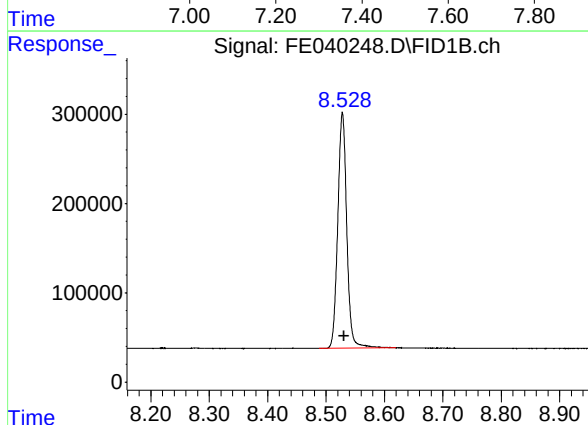
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.335 min  
Delta R.T.: -0.006 min  
Response: 2842678  
Conc: 21.00 ug/ml

Instrument :

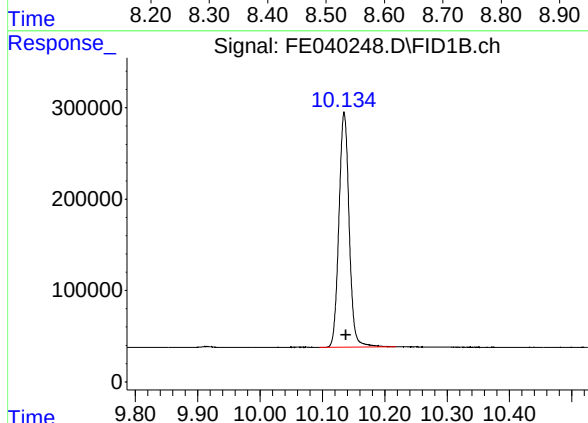
FID\_E

ClientSampleId :



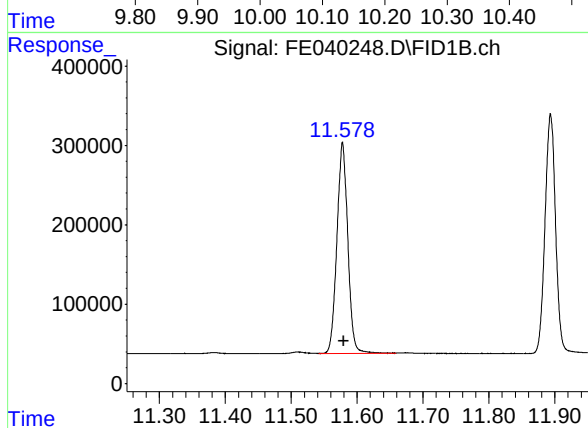
#6 n-Tetradecane (C14)

R.T.: 8.528 min  
Delta R.T.: -0.002 min  
Response: 2825369  
Conc: 20.50 ug/ml



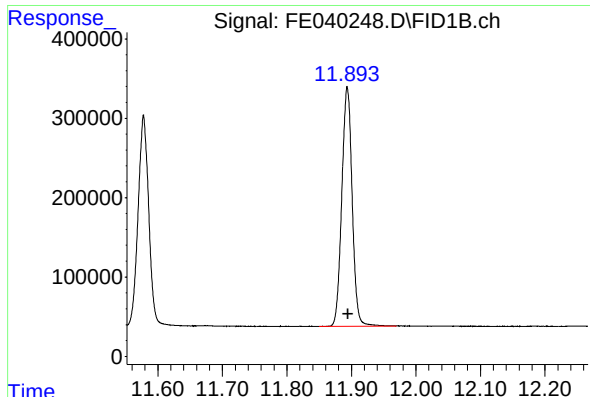
#7 n-Hexadecane (C16)

R.T.: 10.135 min  
Delta R.T.: -0.003 min  
Response: 2934034  
Conc: 20.44 ug/ml



#8 n-Octadecane (C18)

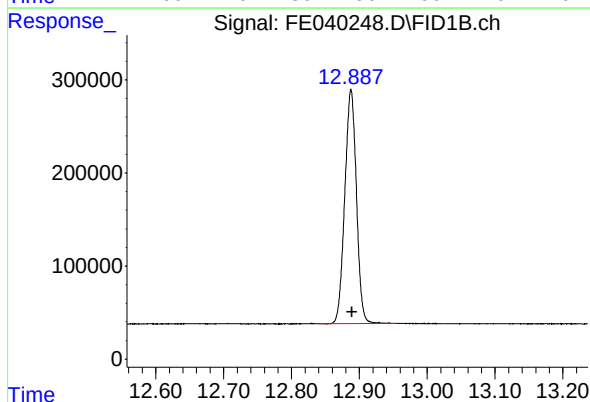
R.T.: 11.578 min  
Delta R.T.: -0.002 min  
Response: 3047215  
Conc: 20.48 ug/ml



#9 ortho-Terphenyl (SURR)

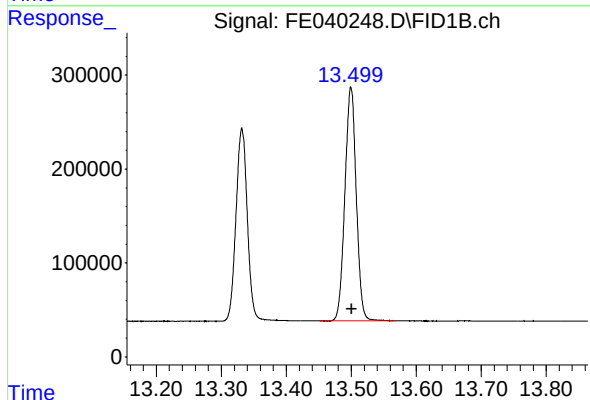
R.T.: 11.894 min  
Delta R.T.: 0.000 min  
Response: 3364270  
Conc: 20.78 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



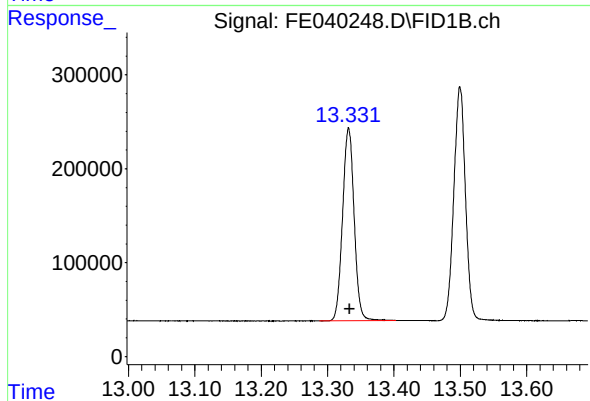
#10 n-Eicosane (C20)

R.T.: 12.888 min  
Delta R.T.: -0.001 min  
Response: 2993676  
Conc: 20.36 ug/ml



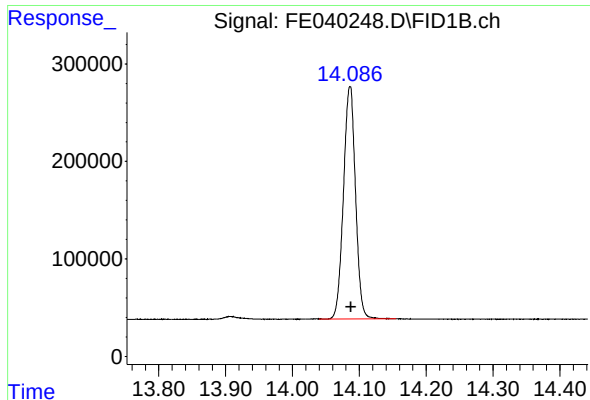
#11 n-Heneicosane (C21)

R.T.: 13.500 min  
Delta R.T.: -0.001 min  
Response: 3019172  
Conc: 20.47 ug/ml



#12 1-chlorooctadecane (SURR)

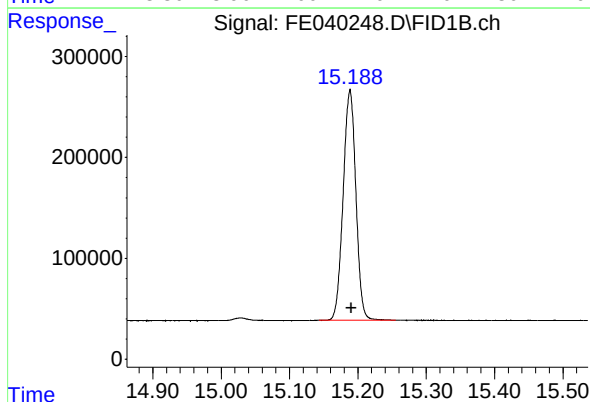
R.T.: 13.332 min  
Delta R.T.: -0.002 min  
Response: 2485477  
Conc: 20.04 ug/ml



#13 n-Docosane (C22)

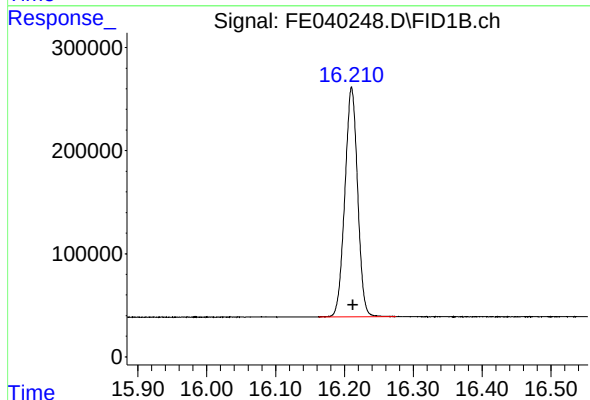
R.T.: 14.086 min  
Delta R.T.: -0.001 min  
Response: 2983215  
Conc: 20.13 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



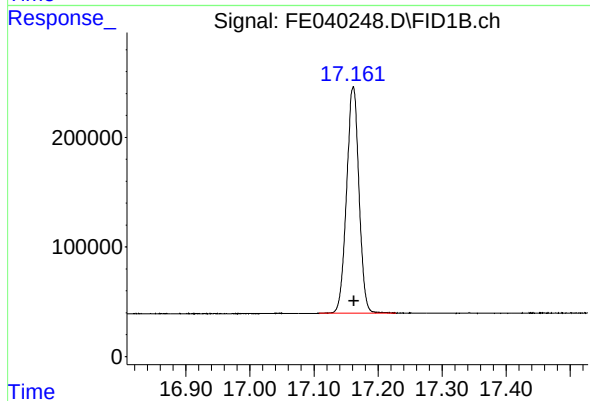
#14 n-Tetracosane (C24)

R.T.: 15.189 min  
Delta R.T.: -0.002 min  
Response: 2959561  
Conc: 19.50 ug/ml



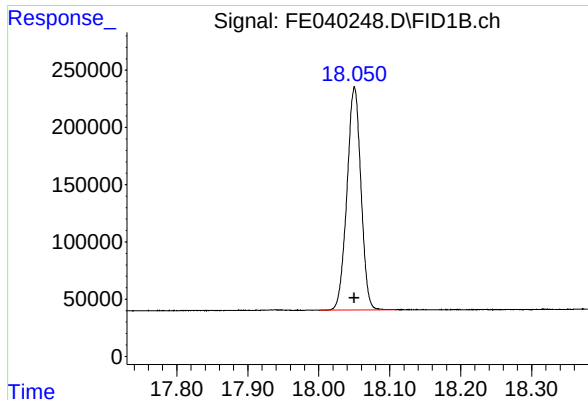
#15 n-Hexacosane (C26)

R.T.: 16.210 min  
Delta R.T.: -0.002 min  
Response: 2859302  
Conc: 19.29 ug/ml



#16 n-Octacosane (C28)

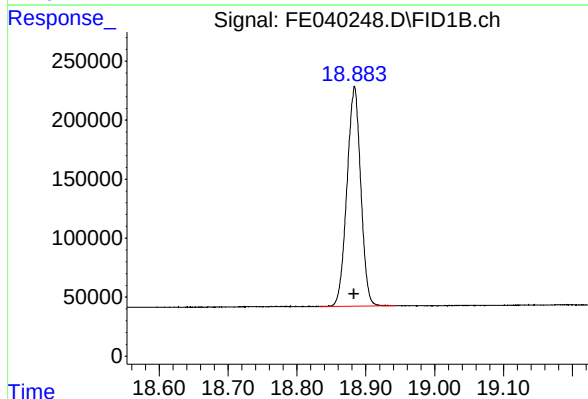
R.T.: 17.161 min  
Delta R.T.: -0.001 min  
Response: 2769582  
Conc: 18.48 ug/ml



#17 n-Tricontane (C30)

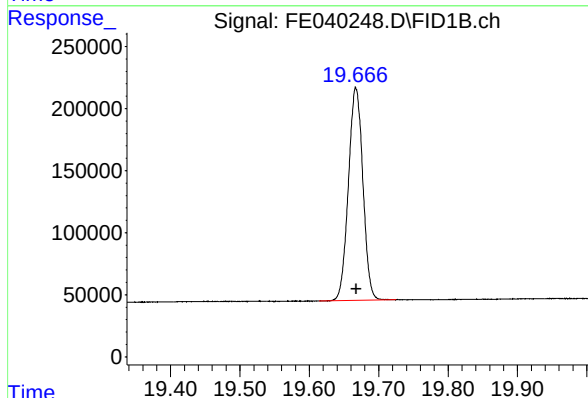
R.T.: 18.050 min  
Delta R.T.: 0.000 min  
Response: 2665069  
Conc: 18.06 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



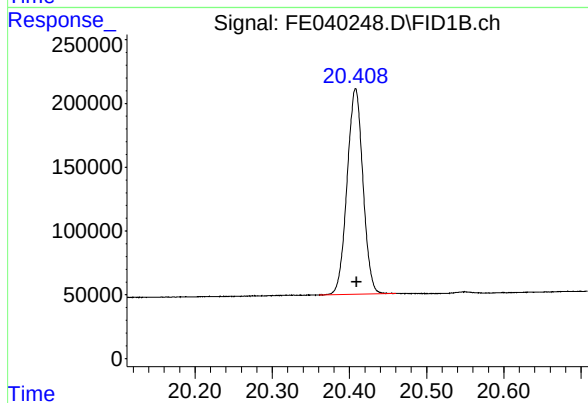
#18 n-Dotriacontane (C32)

R.T.: 18.884 min  
Delta R.T.: 0.001 min  
Response: 2594782  
Conc: 17.72 ug/ml



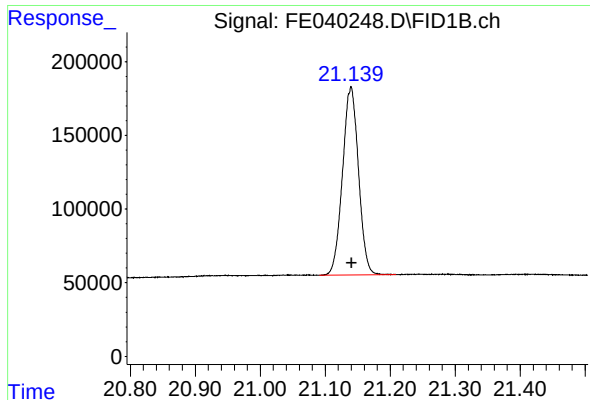
#19 n-Tetatriacontane (C34)

R.T.: 19.667 min  
Delta R.T.: 0.000 min  
Response: 2489255  
Conc: 18.10 ug/ml



#20 n-Hexatriacontane (C36)

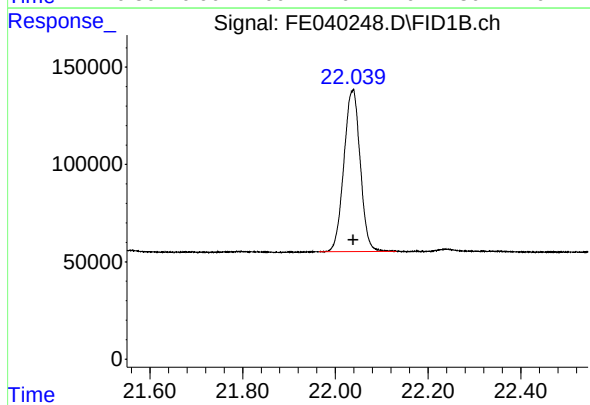
R.T.: 20.408 min  
Delta R.T.: -0.001 min  
Response: 2300307  
Conc: 17.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.140 min  
Delta R.T.: -0.001 min  
Response: 2182145  
Conc: 16.82 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.039 min  
Delta R.T.: 0.000 min  
Response: 2030076  
Conc: 15.29 ug/ml