

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE020923AL\  
 Data File : FE040281.D  
 Signal(s) : FID1B.ch  
 Acq On : 09 Feb 2023 13:21  
 Operator : YP\AJ  
 Sample : PB150705BSD  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 PB150705BSD

Manual Integrations  
 APPROVED

Reviewed By :Ankita Jodhani 02/10/2023  
 Supervised By :Sohil Jodhani 02/10/2023

Integration File: autoint1.e  
 Quant Time: Feb 09 23:46:20 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    |        |            |              |
| 12) S 1-chlorooctadecane (S... | 13.335 | 4760127    | 38.381 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 76.76%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.289  | 3530304    | 25.938 ug/ml |
| 2) T n-Decane (C10)            | 4.537  | 4303506    | 32.389 ug/ml |
| 4) T n-Dodecane (C12)          | 6.703  | 5007580    | 37.193 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.530  | 5413789    | 39.283 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.137 | 6102784    | 42.522 ug/ml |
| 8) T n-Octadecane (C18)        | 11.581 | 6466712    | 43.473 ug/ml |
| 10) T n-Eicosane (C20)         | 12.891 | 6396440    | 43.508 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.503 | 6221406    | 42.181 ug/ml |
| 13) T n-Docosane (C22)         | 14.089 | 6232676    | 42.064 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.193 | 6102865    | 40.203 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.214 | 5941023    | 40.075 ug/ml |
| 16) T n-Octacosane (C28)       | 17.164 | 5743675    | 38.326 ug/ml |
| 17) T n-Tricontane (C30)       | 18.053 | 5606528    | 37.998 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.887 | 5505701    | 37.592 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.671 | 5320305    | 38.681 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.412 | 4974385    | 37.502 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.144 | 4709516    | 36.302 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.045 | 4531360    | 34.129 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ  
Sample : PB150705BSD  
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## Instrument :

FID\_E

## Client Sample Id :

PB150705BSD

## Manual Integrations

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Integration File: autoint1.e

Quant Time: Feb 09 23:46:20 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 020223.

Quant Title : GC Extractables

QLast Update : Thu Feb 02 04:52:48 2023

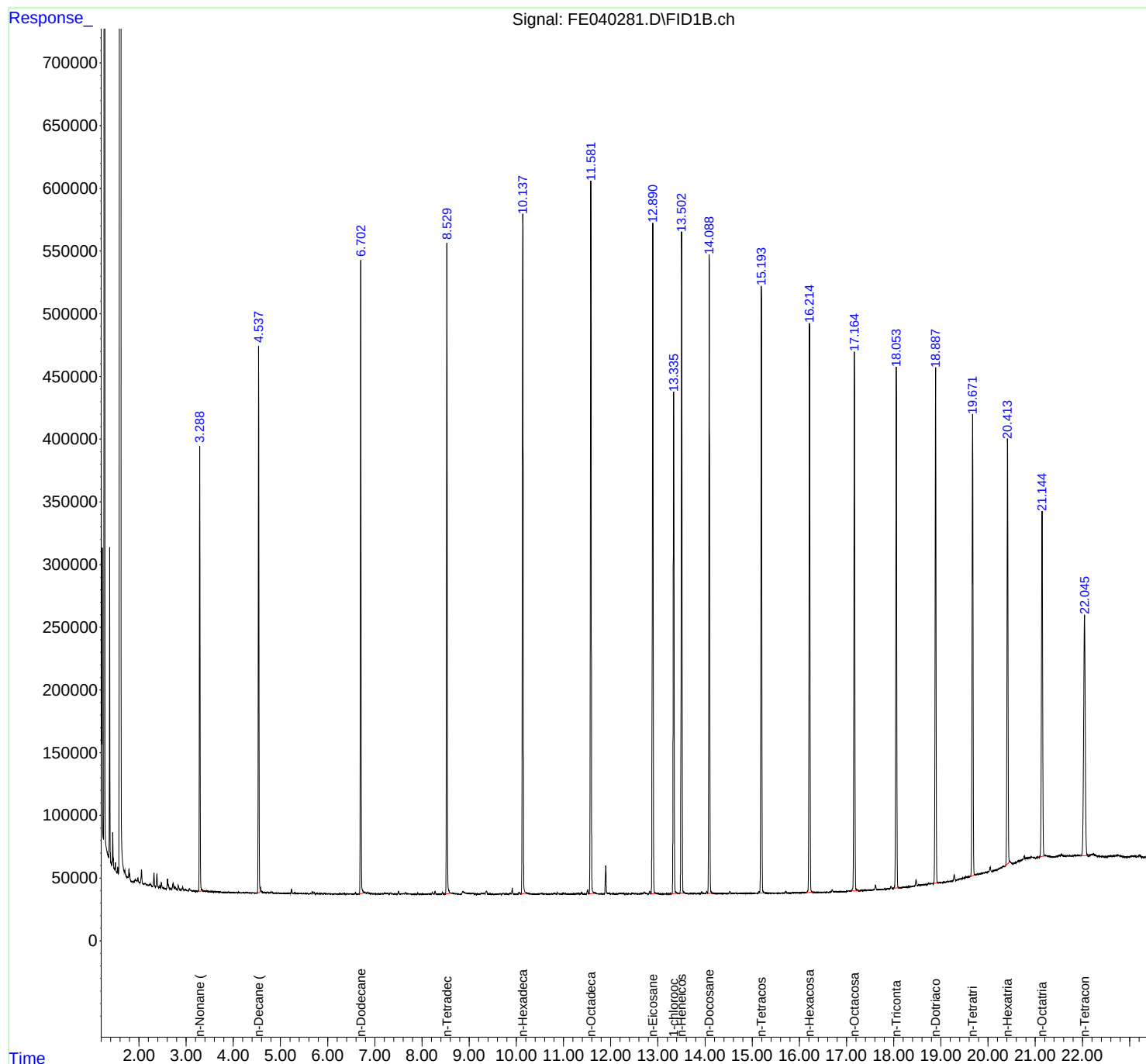
Response via : Initial Calibration

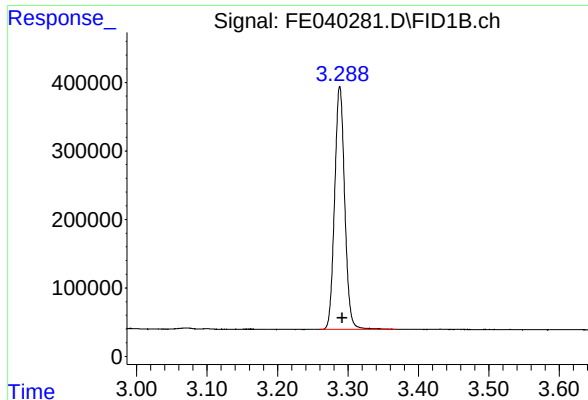
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





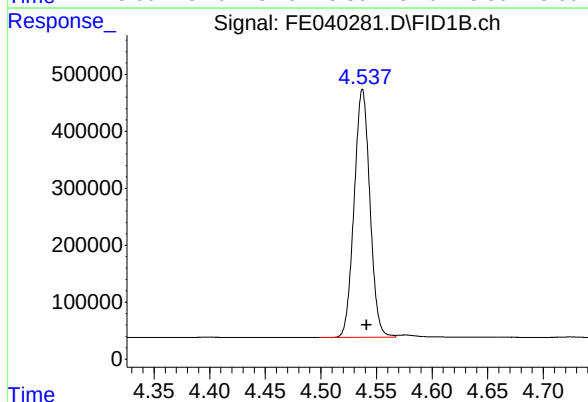
#1 n-Nonane (C9)

R.T.: 3.289 min  
Delta R.T.: -0.003 min  
Response: 3530304  
Conc: 25.94 ug/ml

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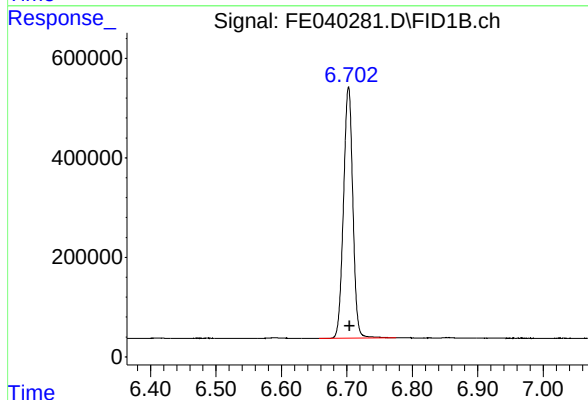
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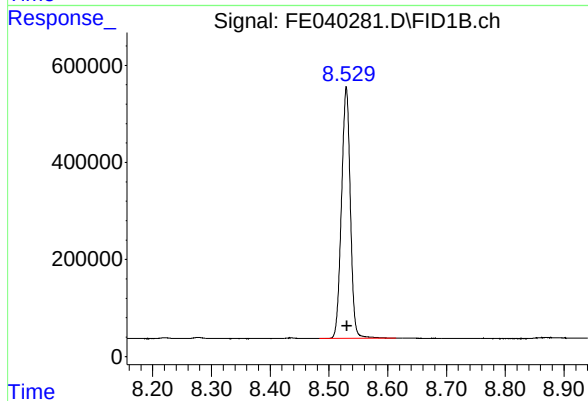
#2 n-Decane (C10)

R.T.: 4.537 min  
Delta R.T.: -0.004 min  
Response: 4303506  
Conc: 32.39 ug/ml



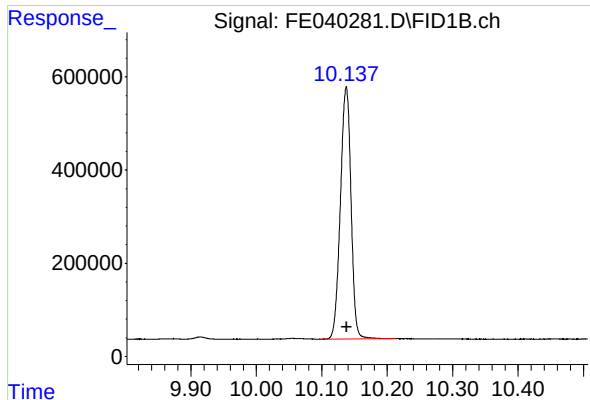
#4 n-Dodecane (C12)

R.T.: 6.703 min  
Delta R.T.: -0.002 min  
Response: 5007580  
Conc: 37.19 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.530 min  
Delta R.T.: -0.001 min  
Response: 5413789  
Conc: 39.28 ug/ml



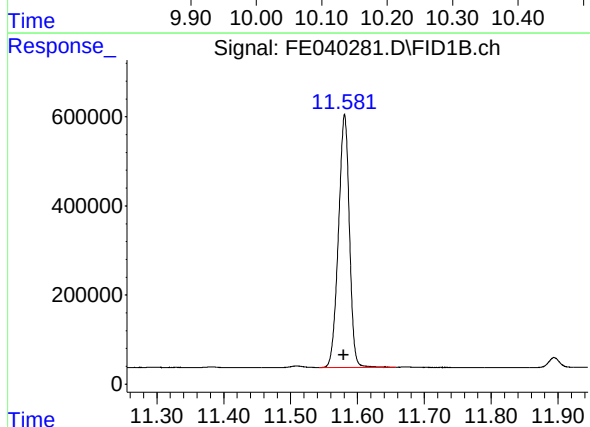
#7 n-Hexadecane (C16)

R.T.: 10.137 min  
Delta R.T.: 0.000 min  
Response: 6102784  
Conc: 42.52 ug/ml

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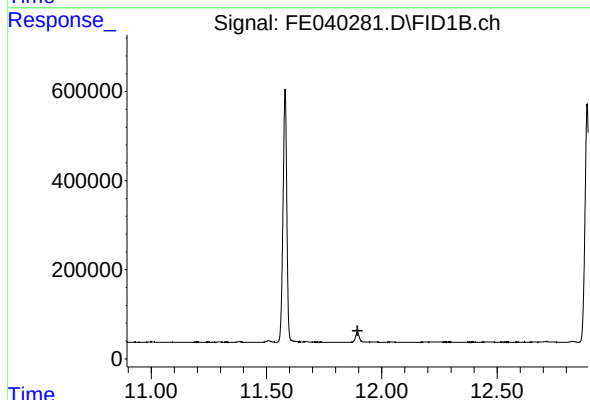
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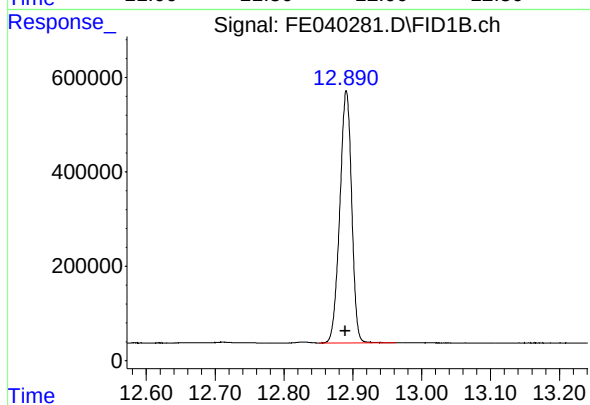
#8 n-Octadecane (C18)

R.T.: 11.581 min  
Delta R.T.: 0.001 min  
Response: 6466712  
Conc: 43.47 ug/ml



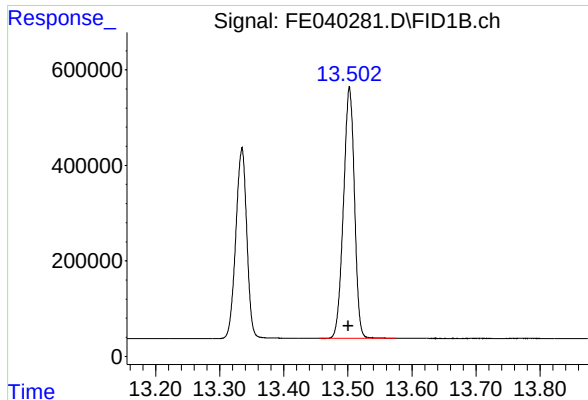
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min  
Exp R.T. : 11.895 min  
Response: 0  
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.891 min  
Delta R.T.: 0.002 min  
Response: 6396440  
Conc: 43.51 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.503 min  
Delta R.T.: 0.002 min  
Response: 6221406  
Conc: 42.18 ug/ml

Instrument :

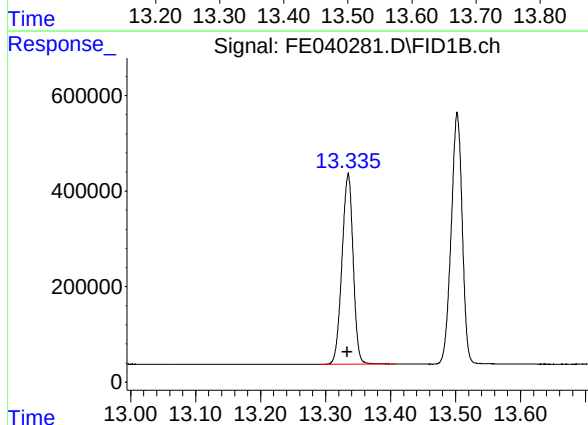
FID\_E

ClientSampleId :

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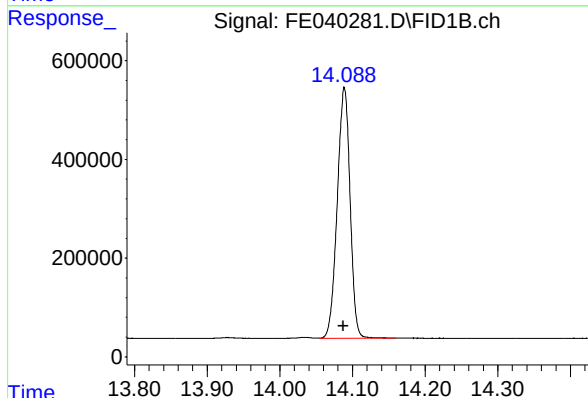
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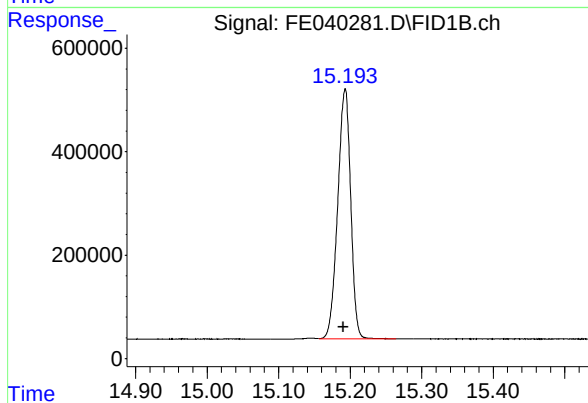
#12 1-chlorooctadecane (SURR)

R.T.: 13.335 min  
Delta R.T.: 0.001 min  
Response: 4760127  
Conc: 38.38 ug/ml



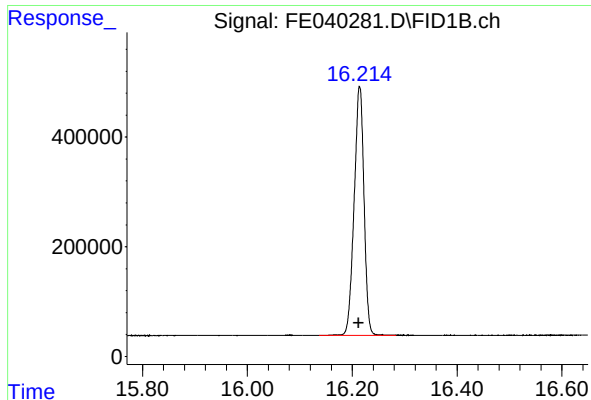
#13 n-Docosane (C22)

R.T.: 14.089 min  
Delta R.T.: 0.001 min  
Response: 6232676  
Conc: 42.06 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.193 min  
Delta R.T.: 0.002 min  
Response: 6102865  
Conc: 40.20 ug/ml



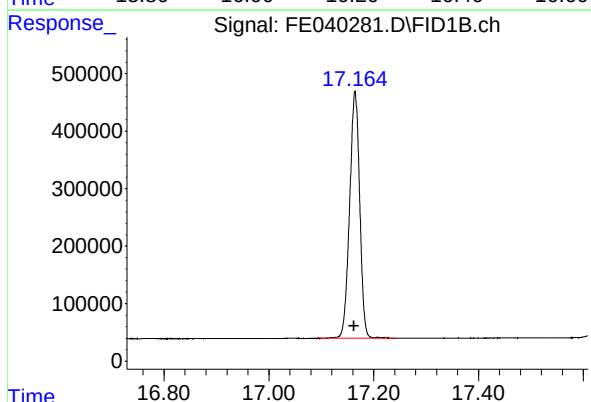
#15 n-Hexacosane (C26)

R.T.: 16.214 min  
Delta R.T.: 0.002 min  
Response: 5941023  
Conc: 40.07 ug/ml

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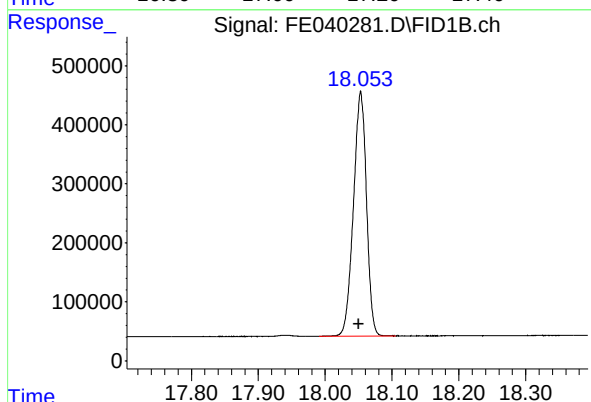
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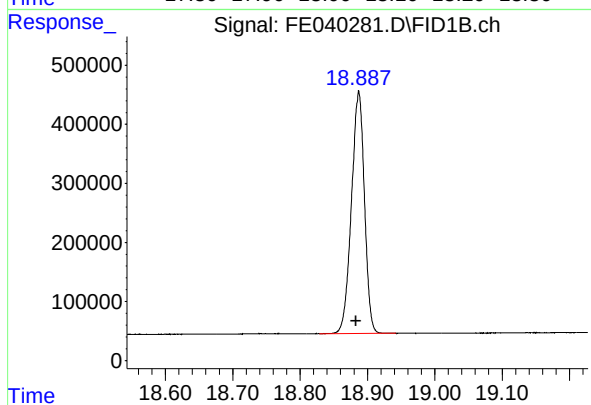
#16 n-Octacosane (C28)

R.T.: 17.164 min  
Delta R.T.: 0.002 min  
Response: 5743675  
Conc: 38.33 ug/ml



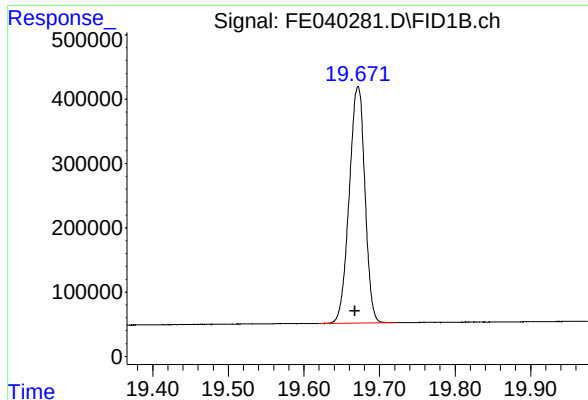
#17 n-Tricontane (C30)

R.T.: 18.053 min  
Delta R.T.: 0.003 min  
Response: 5606528  
Conc: 38.00 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.887 min  
Delta R.T.: 0.004 min  
Response: 5505701  
Conc: 37.59 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.671 min  
Delta R.T.: 0.004 min  
Response: 5320305  
Conc: 38.68 ug/ml

Instrument :

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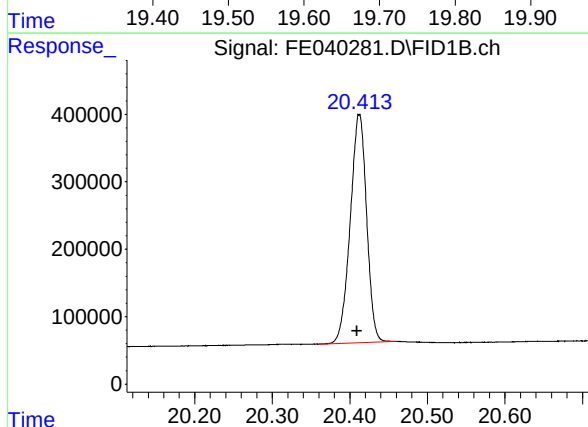
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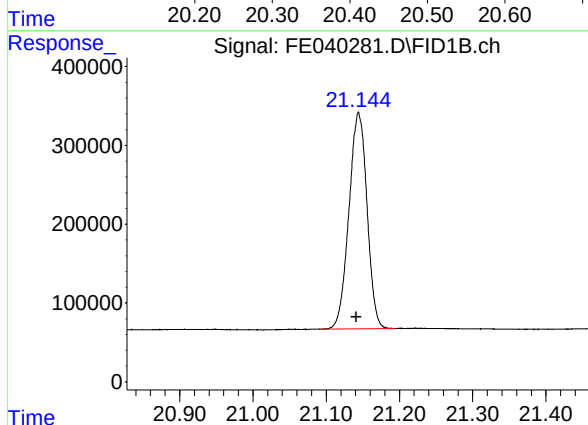
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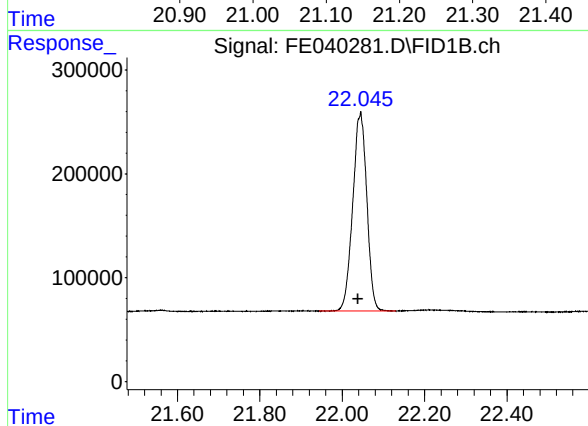
#20 n-Hexatriacontane (C36)

R.T.: 20.412 min  
Delta R.T.: 0.003 min  
Response: 4974385  
Conc: 37.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.144 min  
Delta R.T.: 0.003 min  
Response: 4709516  
Conc: 36.30 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.045 min  
Delta R.T.: 0.006 min  
Response: 4531360  
Conc: 34.13 ug/ml