

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE090624AL\  
 Data File : FE049948.D  
 Signal(s) : FID1B.ch  
 Acq On : 06 Sep 2024 14:57  
 Operator : YP\AJ  
 Sample : PB163180BS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

## Instrument :

FID\_E

ClientSampleId :

PB163180BS

## Manual Integrations

APPROVED

Reviewed By :Yogesh  
 Patel

Integration File: autoint1.e

Quant Time: Sep 07 00:58:49 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 081424.M

Quant Title : GC Extractables

QLast Update : Wed Aug 14 11:05:17 2024

Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um

09/09/2024

Supervised By :Ankita  
 Jodhani

| Compound | R.T. | Response | Conc Units |
|----------|------|----------|------------|
|----------|------|----------|------------|

09/09/2024

## System Monitoring Compounds

|                                |        |            |              |
|--------------------------------|--------|------------|--------------|
| 9) S ortho-Terphenyl (SURR)    | 11.884 | 6264217    | 38.737 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 77.47%       |
| 12) S 1-chlorooctadecane (S... | 13.318 | 5155671    | 42.257 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 84.51%       |

## Target Compounds

|                                |        |          |               |
|--------------------------------|--------|----------|---------------|
| 1) T n-Nonane (C9)             | 3.279  | 6592344  | 42.599 ug/ml  |
| 2) T n-Decane (C10)            | 4.527  | 7168177  | 45.400 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.231  | 7563031  | 47.135 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.690  | 7581650  | 48.227 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.327  | 7309737  | 48.812 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.519  | 7623220  | 49.380 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.123 | 7509207  | 48.080 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.566 | 7624554  | 48.548 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.875 | 7619759  | 51.034 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.486 | 7409875  | 50.511 ug/ml  |
| 13) T n-Docosane (C22)         | 14.071 | 7303452  | 50.109 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.170 | 13395423 | 92.086 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.194 | 7155738  | 49.581 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.141 | 7950322  | 55.196 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.030 | 7361297  | 49.172 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.859 | 7591338  | 50.180 ug/mlm |
| 19) T n-Tetratriacontane (C34) | 19.643 | 7852048  | 51.361 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.383 | 7944948  | 52.320 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.112 | 8083260  | 51.501 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.009 | 7836900  | 51.329 ug/ml  |

(f)=RT Delta &gt; 1/2 Window

(m)=manual int.

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Operator : YP\AJ  
Sample : PB163180BS  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
FID\_E  
ClientSampleId :  
PB163180BS

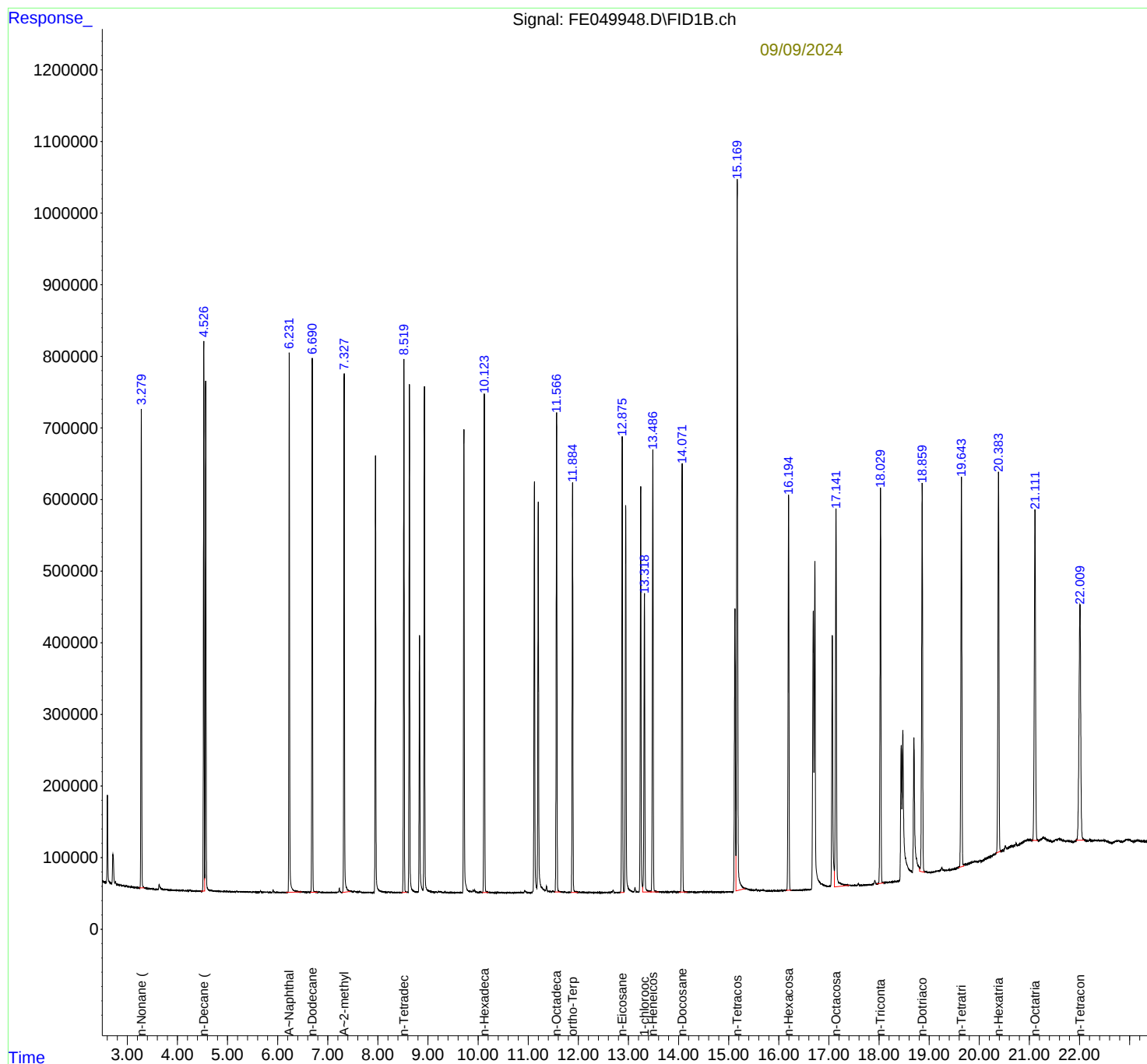
Manual Integrations  
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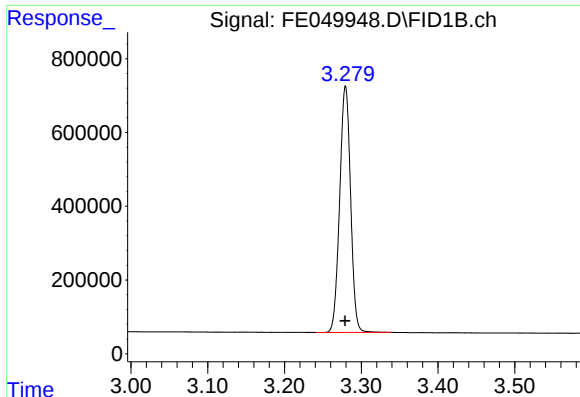
Reviewed By :Yogesh  
Patel

Integration File: autoint1.e  
Quant Time: Sep 07 00:58:49 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 081424.M  
Quant Title : GC Extractables  
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Volume Inj. : 1 ul  
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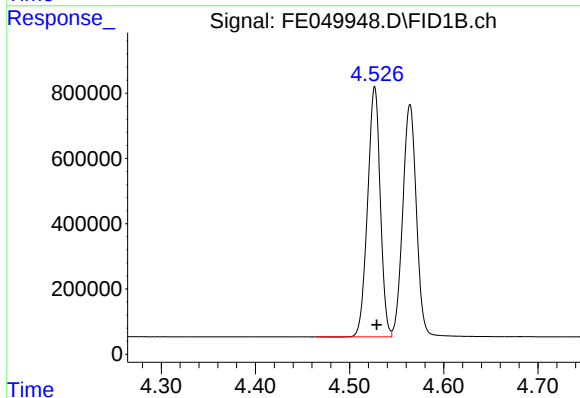
#1 n-Nonane (C9)

R.T.: 3.279 min  
Delta R.T.: 0.000 min  
Response: 6592344  
Conc: 42.60 ug/ml

Instrument :  
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ClientSampleId :  
PB163180BS

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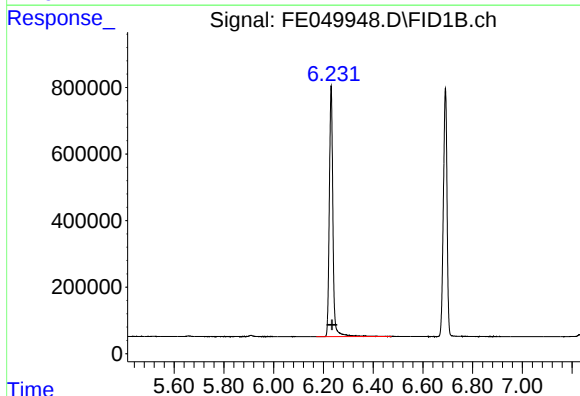


#2 n-Decane (C10)

R.T.: 4.527 min  
Delta R.T.: -0.002 min  
Response: 7168177  
Conc: 45.40 ug/ml

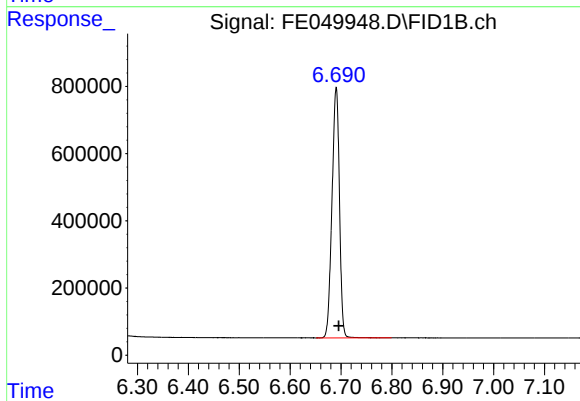
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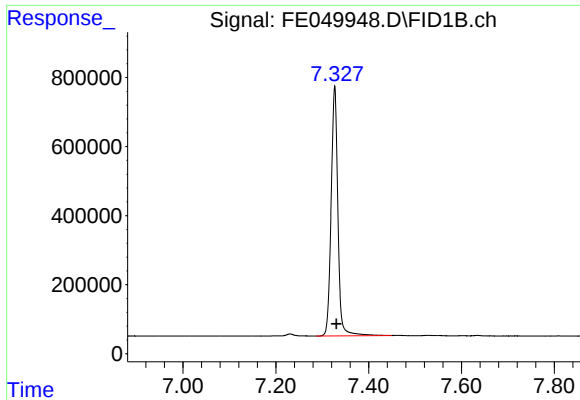
#3 A~Naphthalene (C11.7)

R.T.: 6.231 min  
Delta R.T.: -0.004 min  
Response: 7563031  
Conc: 47.14 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.690 min  
Delta R.T.: -0.005 min  
Response: 7581650  
Conc: 48.23 ug/ml



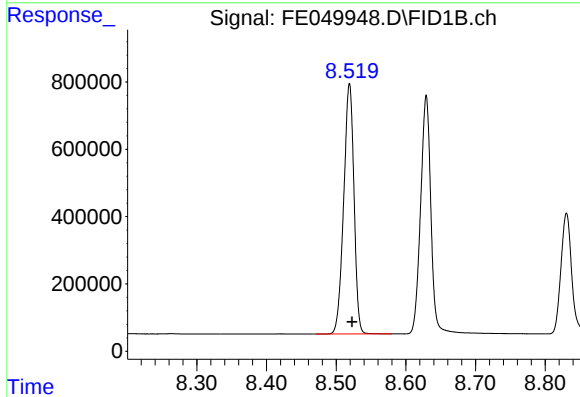
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.327 min  
Delta R.T.: -0.004 min  
Response: 7309737  
Conc: 48.81 ug/ml

Instrument :  
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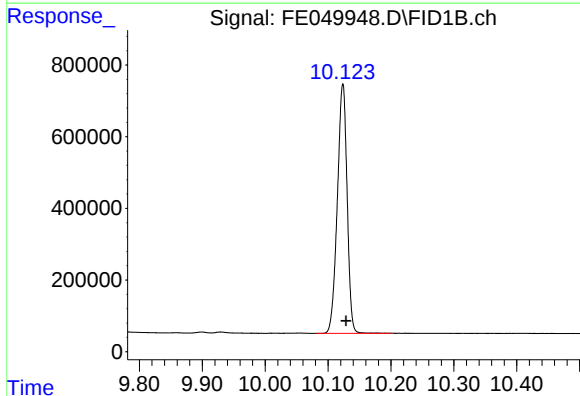


#6 n-Tetradecane (C14)

R.T.: 8.519 min  
Delta R.T.: -0.004 min  
Response: 7623220  
Conc: 49.38 ug/ml

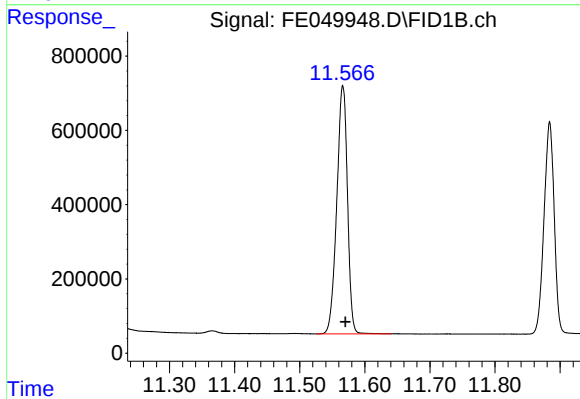
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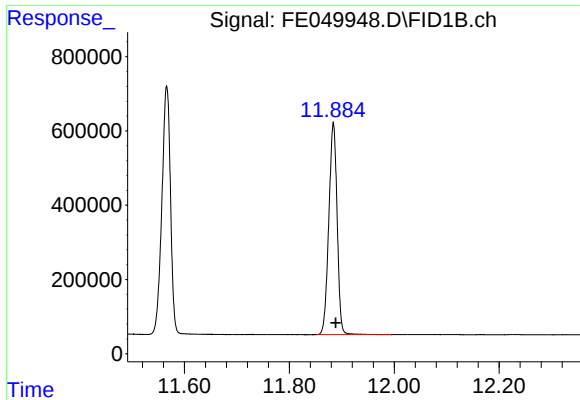
#7 n-Hexadecane (C16)

R.T.: 10.123 min  
Delta R.T.: -0.006 min  
Response: 7509207  
Conc: 48.08 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.566 min  
Delta R.T.: -0.004 min  
Response: 7624554  
Conc: 48.55 ug/ml



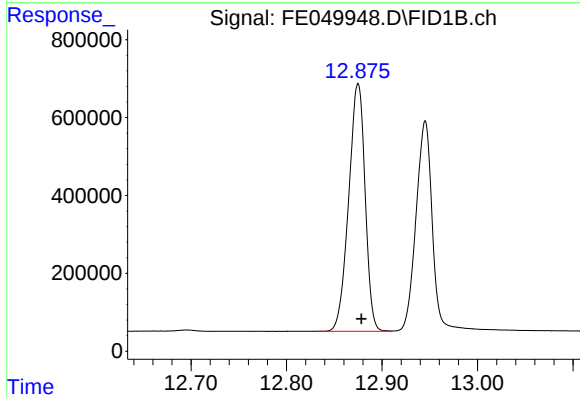
#9 ortho-Terphenyl (SURR)

R.T.: 11.884 min  
Delta R.T.: -0.005 min  
Response: 6264217  
Conc: 38.74 ug/ml

Instrument :  
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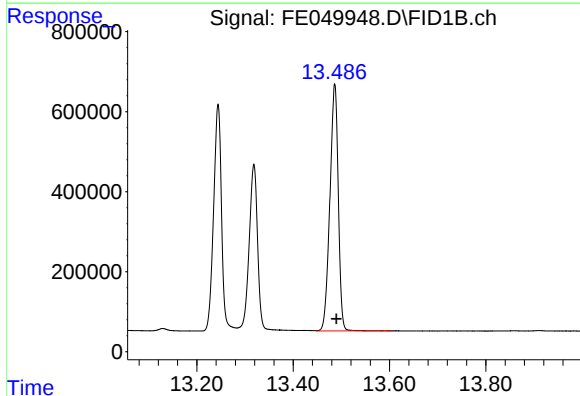
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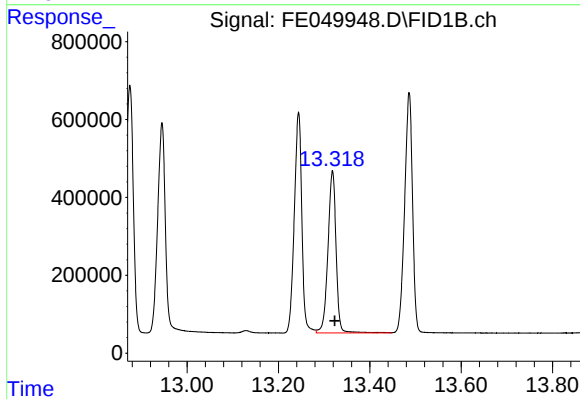
#10 n-Eicosane (C20)

R.T.: 12.875 min  
Delta R.T.: -0.004 min  
Response: 7619759  
Conc: 51.03 ug/ml



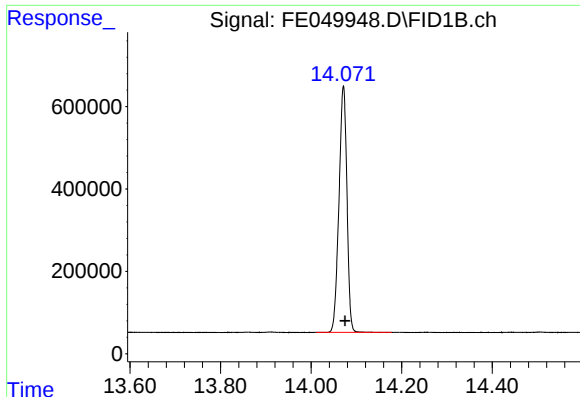
#11 n-Heneicosane (C21)

R.T.: 13.486 min  
Delta R.T.: -0.004 min  
Response: 7409875  
Conc: 50.51 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.318 min  
Delta R.T.: -0.005 min  
Response: 5155671  
Conc: 42.26 ug/ml



#13 n-Docosane (C22)

R.T.: 14.071 min  
Delta R.T.: -0.004 min  
Response: 7303452  
Conc: 50.11 ug/ml

Instrument :

FID\_E

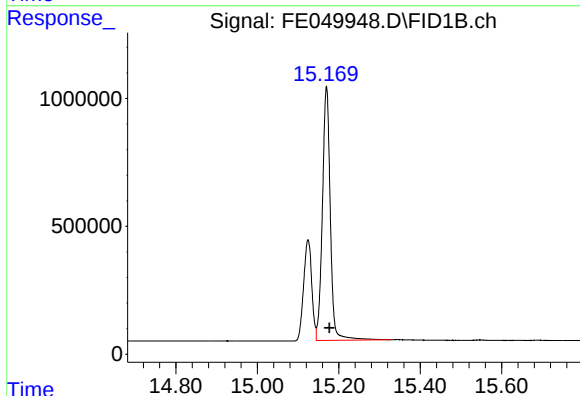
ClientSampleId :

PB163180BS

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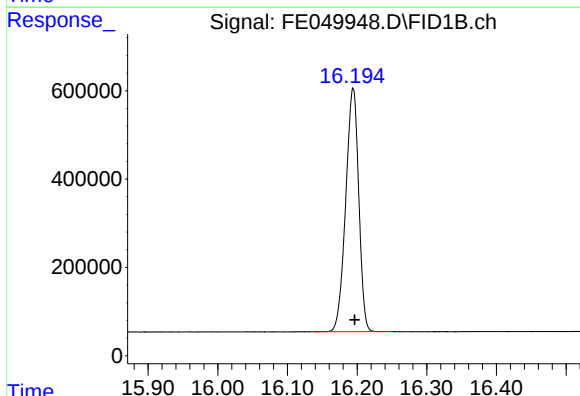
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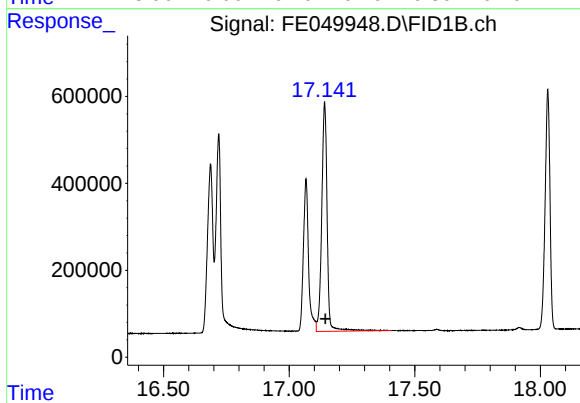
#14 n-Tetracosane (C24)

R.T.: 15.170 min  
Delta R.T.: -0.007 min  
Response: 13395423  
Conc: 92.09 ug/ml



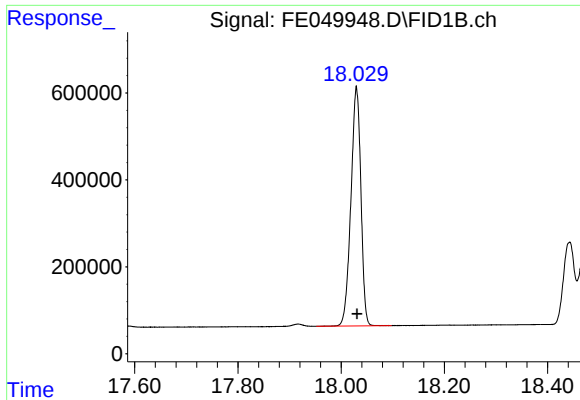
#15 n-Hexacosane (C26)

R.T.: 16.194 min  
Delta R.T.: -0.002 min  
Response: 7155738  
Conc: 49.58 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.141 min  
Delta R.T.: -0.004 min  
Response: 7950322  
Conc: 55.20 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.030 min  
Delta R.T.: -0.001 min  
Response: 7361297  
Conc: 49.17 ug/ml

Instrument :

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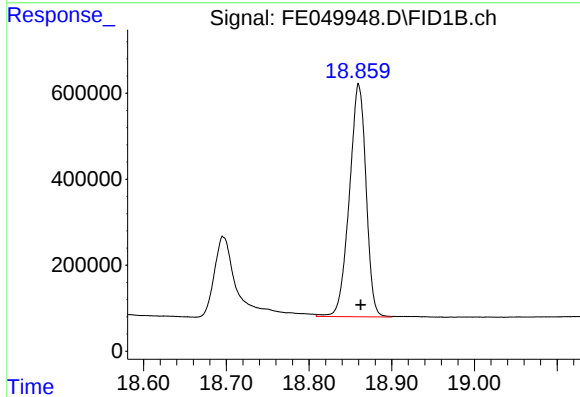
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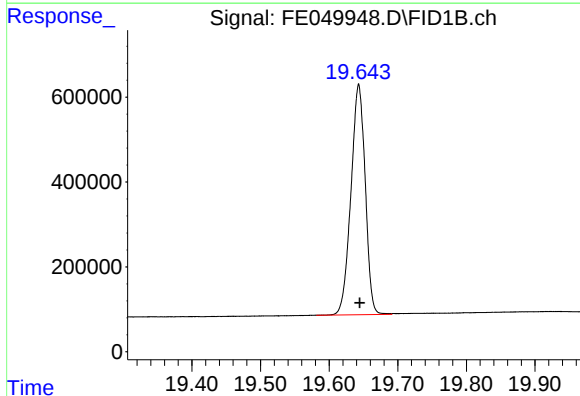
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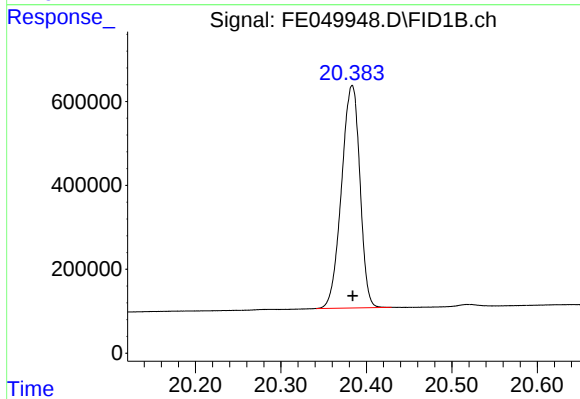
#18 n-Dotriacontane (C32)

R.T.: 18.859 min  
Delta R.T.: -0.003 min  
Response: 7591338  
Conc: 50.18 ug/ml m



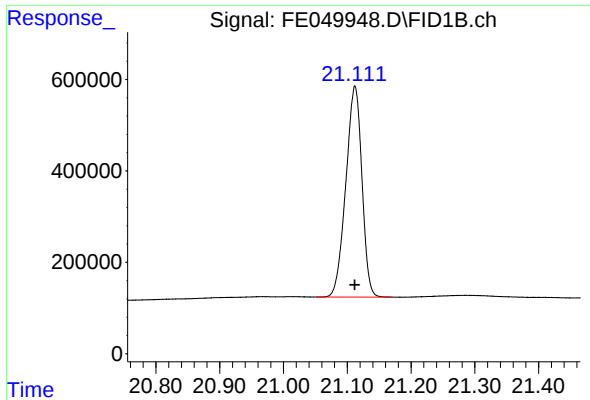
#19 n-Tetratriacontane (C34)

R.T.: 19.643 min  
Delta R.T.: -0.001 min  
Response: 7852048  
Conc: 51.36 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.383 min  
Delta R.T.: 0.000 min  
Response: 7944948  
Conc: 52.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.112 min  
Delta R.T.: 0.000 min  
Response: 8083260  
Conc: 51.50 ug/ml

Instrument :

FID\_E

ClientSampleId :

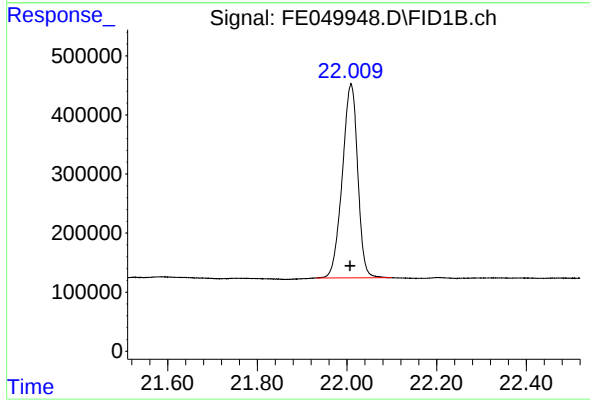
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#22 n-Tetracontane (C40)

R.T.: 22.009 min  
Delta R.T.: 0.002 min  
Response: 7836900  
Conc: 51.33 ug/ml