

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE061924AL\  
 Data File : FE048788.D  
 Signal(s) : FID1B.ch  
 Acq On : 19 Jun 2024 16:09  
 Operator : YP\AJ  
 Sample : P2930-01MSD  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 WCS-TPEMSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/20/2024  
 Supervised By :Ankita Jodhani 06/20/2024

Integration File: autoint1.e  
 Quant Time: Jun 20 01:21:40 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 052524.M  
 Quant Title : GC Extractables  
 QLast Update : Fri May 24 16:28:51 2024  
 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)    | 11.936 | 4894978    | 34.089 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 68.18%        |
| 12) S 1-chlorooctadecane (S... | 13.370 | 4249644    | 39.008 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 78.02%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.325  | 3844702    | 25.716 ug/ml  |
| 2) T n-Decane (C10)            | 4.575  | 4332488    | 28.692 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.279  | 4806160    | 32.278 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.740  | 4449616    | 30.060 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.375  | 4830024    | 34.835 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.568  | 4888931    | 34.470 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.174 | 5205403    | 36.923 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.617 | 5231328    | 37.666 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.926 | 5209216    | 39.364 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.537 | 4983037    | 38.470 ug/ml  |
| 13) T n-Docosane (C22)         | 14.123 | 4983704    | 38.675 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.220 | 9308711    | 71.854 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.245 | 4961144    | 38.279 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.193 | 5144411    | 39.801 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.081 | 5081282    | 37.931 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.912 | 5195836    | 38.278 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.696 | 5364925    | 39.217 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.434 | 5312965    | 39.084 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 21.171 | 5588828    | 40.982 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.085 | 5407444    | 39.493 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ  
Sample : P2930-01MSD  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

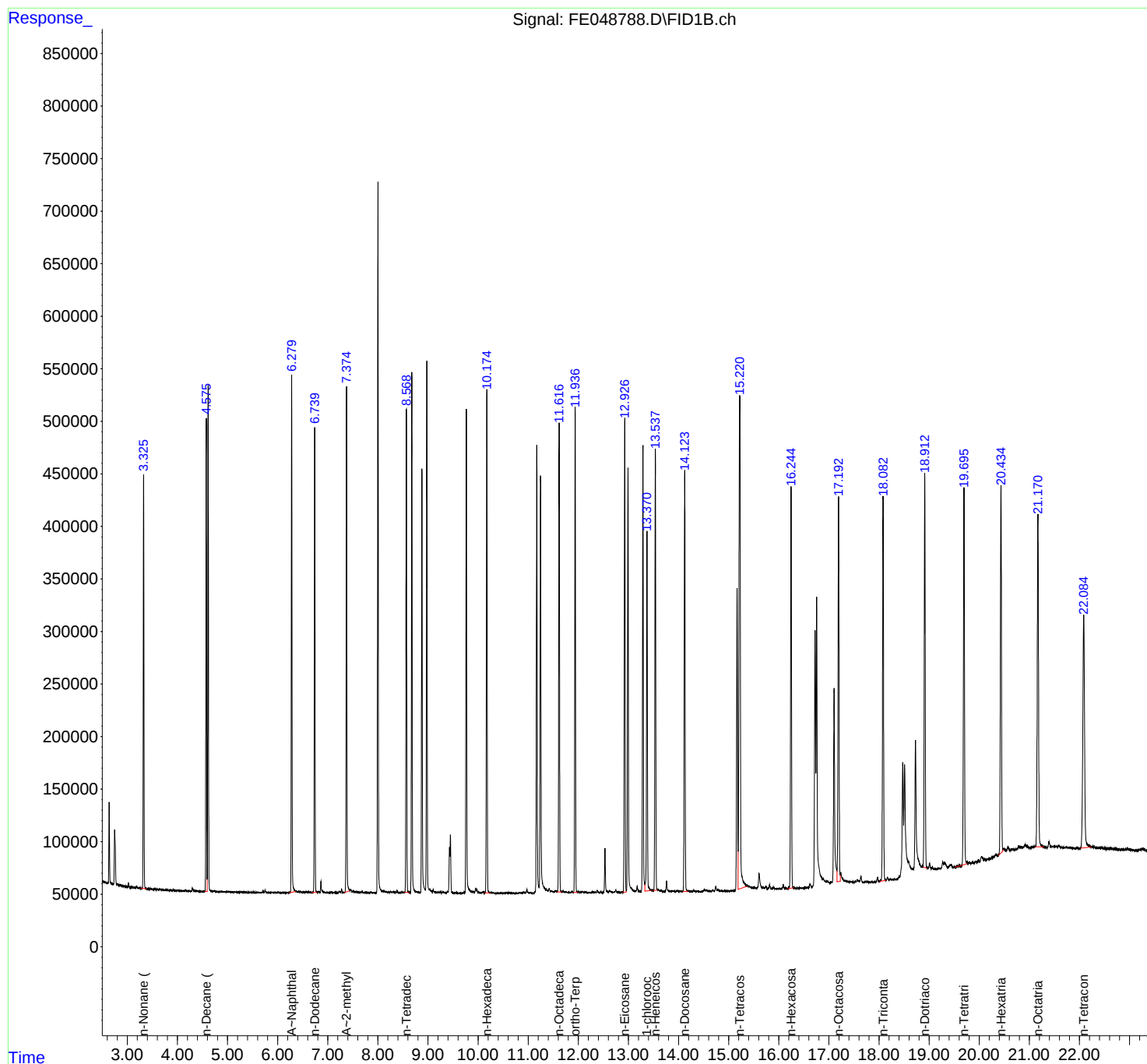
Instrument :  
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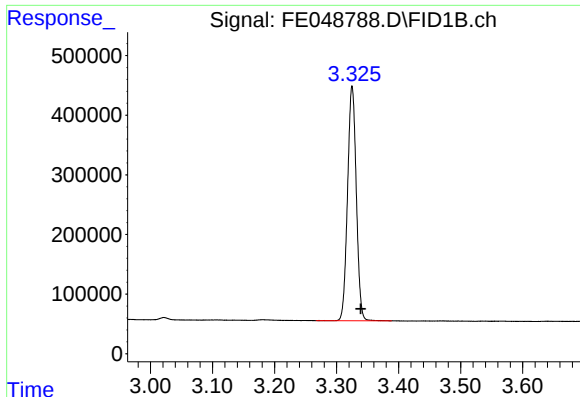
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.325 min  
Delta R.T.: -0.014 min  
Response: 3844702  
Conc: 25.72 ug/ml

Instrument :

FID\_E

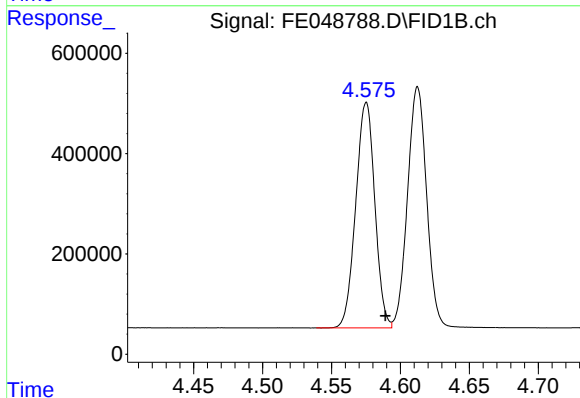
ClientSampleId :

WCS-TPEMSD

Manual Integrations

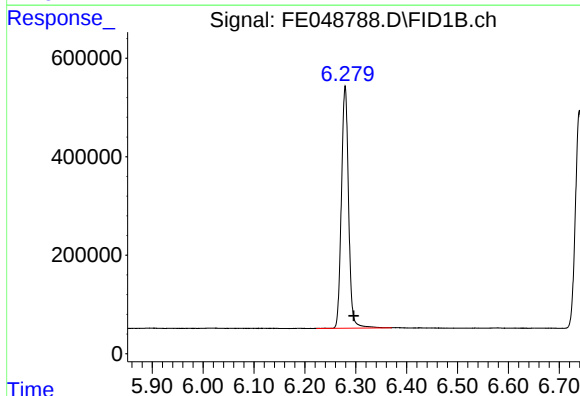
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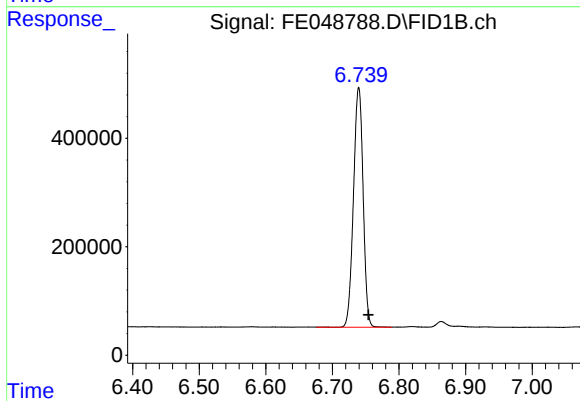
#2 n-Decane (C10)

R.T.: 4.575 min  
Delta R.T.: -0.014 min  
Response: 4332488  
Conc: 28.69 ug/ml



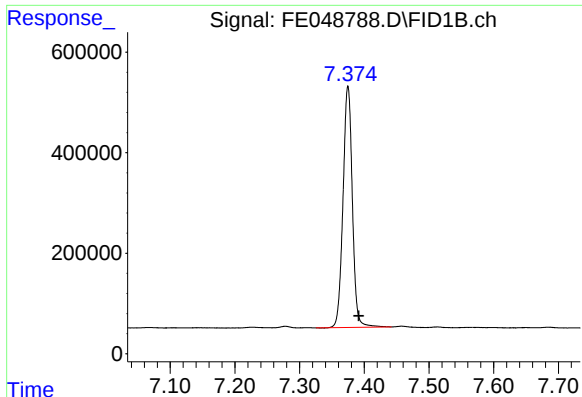
#3 A~Naphthalene (C11.7)

R.T.: 6.279 min  
Delta R.T.: -0.017 min  
Response: 4806160  
Conc: 32.28 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.740 min  
Delta R.T.: -0.014 min  
Response: 4449616  
Conc: 30.06 ug/ml



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

R.T.: 7.375 min  
Delta R.T.: -0.017 min  
Response: 4830024  
Conc: 34.84 ug/ml

Instrument :

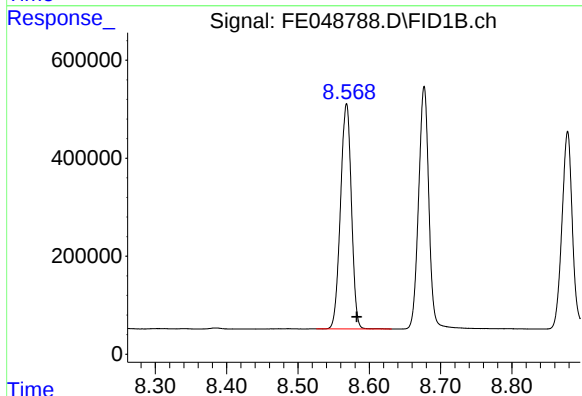
FID\_E

ClientSampleId :

WCS-TPEMSD

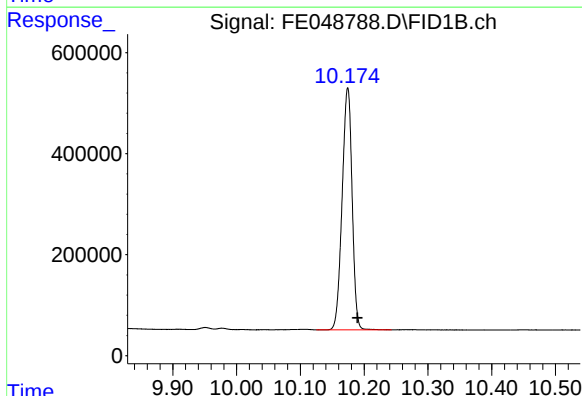
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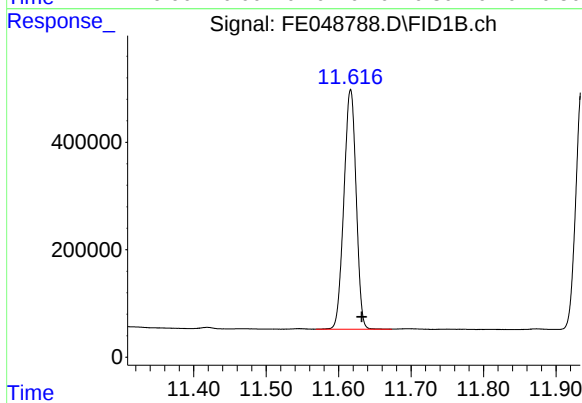
#6 n-Tetradecane (C14)

R.T.: 8.568 min  
Delta R.T.: -0.014 min  
Response: 4888931  
Conc: 34.47 ug/ml



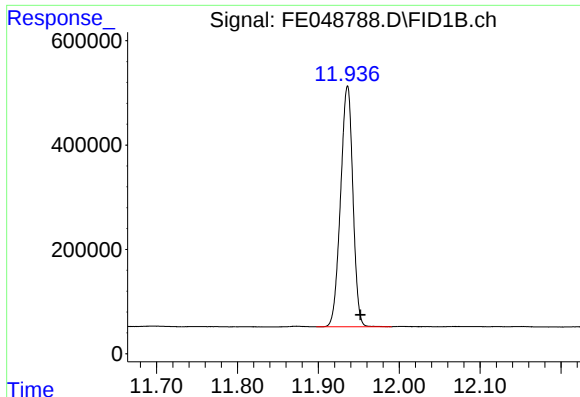
#7 n-Hexadecane (C16)

R.T.: 10.174 min  
Delta R.T.: -0.015 min  
Response: 5205403  
Conc: 36.92 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.617 min  
Delta R.T.: -0.015 min  
Response: 5231328  
Conc: 37.67 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.936 min  
Delta R.T.: -0.016 min  
Response: 4894978  
Conc: 34.09 ug/ml

Instrument :

FID\_E

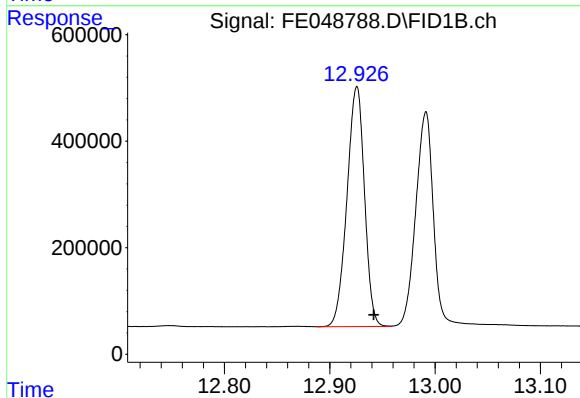
ClientSampleId :

WCS-TPEMSD

Manual Integrations

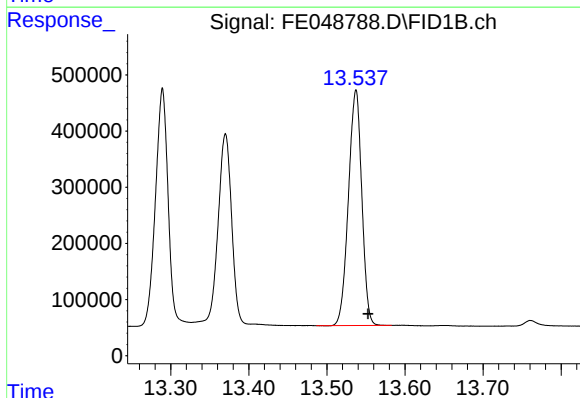
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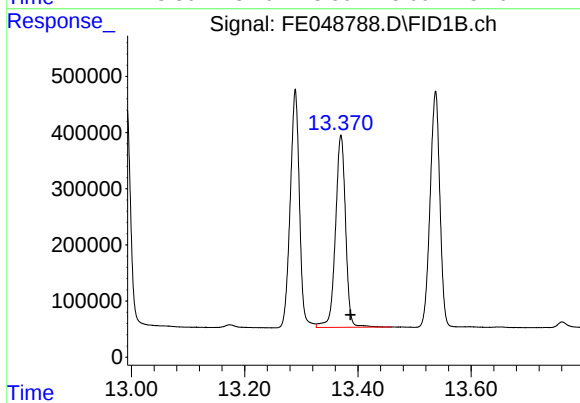
#10 n-Eicosane (C20)

R.T.: 12.926 min  
Delta R.T.: -0.016 min  
Response: 5209216  
Conc: 39.36 ug/ml



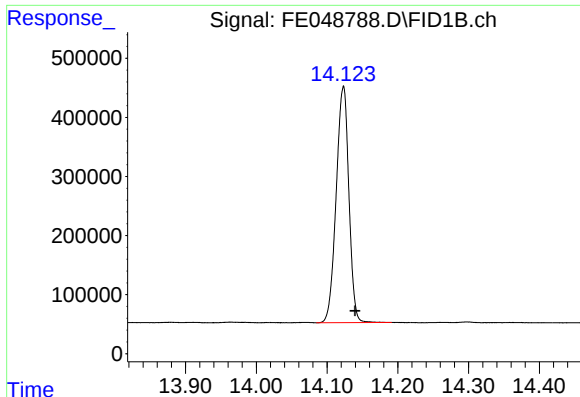
#11 n-Heneicosane (C21)

R.T.: 13.537 min  
Delta R.T.: -0.015 min  
Response: 4983037  
Conc: 38.47 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.370 min  
Delta R.T.: -0.017 min  
Response: 4249644  
Conc: 39.01 ug/ml



#13 n-Docosane (C22)

R.T.: 14.123 min  
Delta R.T.: -0.016 min  
Response: 4983704  
Conc: 38.67 ug/ml

Instrument :

FID\_E

ClientSampleId :

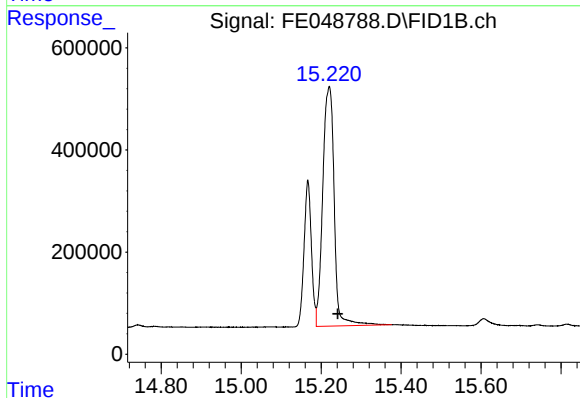
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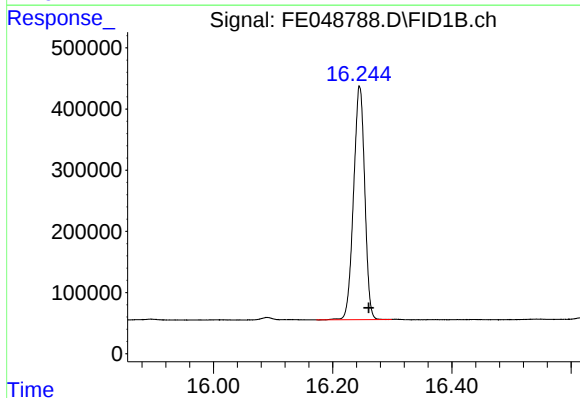
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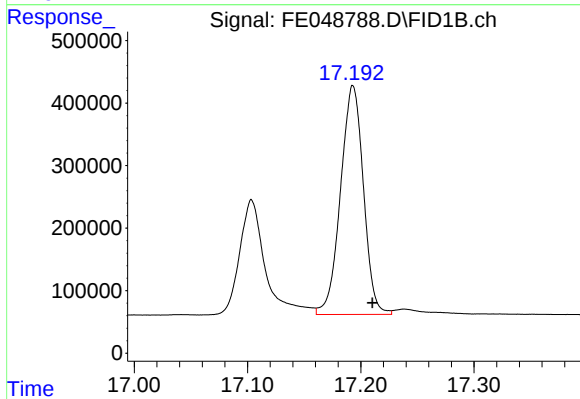
#14 n-Tetracosane (C24)

R.T.: 15.220 min  
Delta R.T.: -0.021 min  
Response: 9308711  
Conc: 71.85 ug/ml



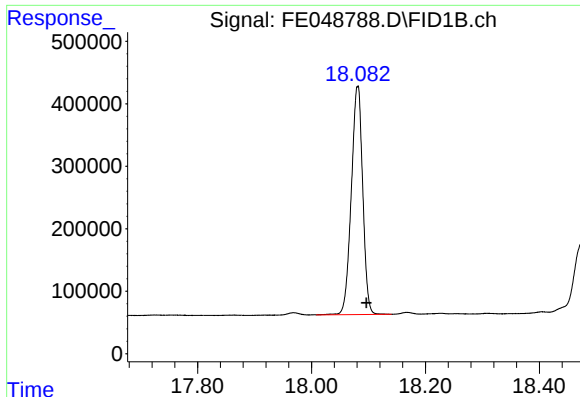
#15 n-Hexacosane (C26)

R.T.: 16.245 min  
Delta R.T.: -0.015 min  
Response: 4961144  
Conc: 38.28 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.193 min  
Delta R.T.: -0.017 min  
Response: 5144411  
Conc: 39.80 ug/ml



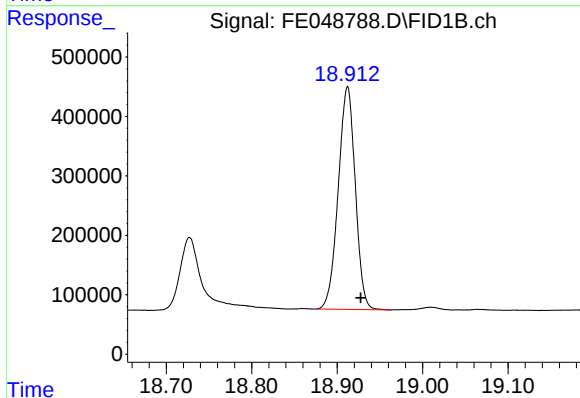
#17 n-Tricontane (C30)

R.T.: 18.081 min  
Delta R.T.: -0.015 min  
Response: 5081282  
Conc: 37.93 ug/ml

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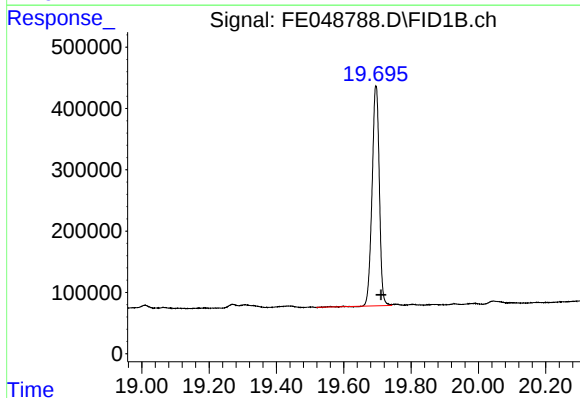
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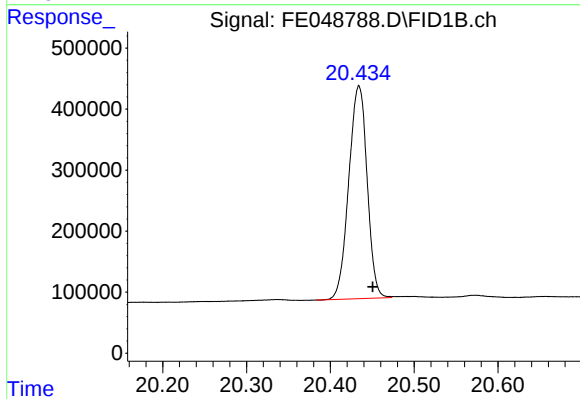
#18 n-Dotriacontane (C32)

R.T.: 18.912 min  
Delta R.T.: -0.015 min  
Response: 5195836  
Conc: 38.28 ug/ml



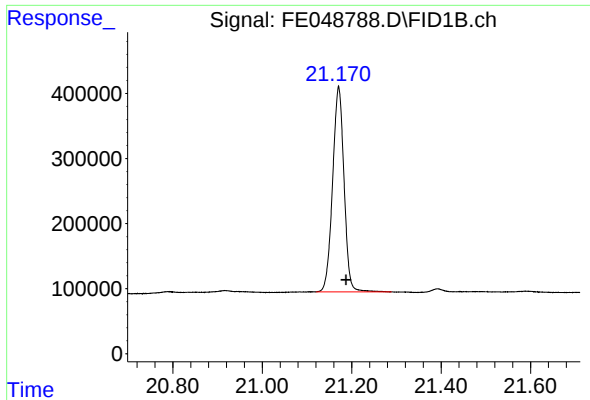
#19 n-Tetratriacontane (C34)

R.T.: 19.696 min  
Delta R.T.: -0.015 min  
Response: 5364925  
Conc: 39.22 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.434 min  
Delta R.T.: -0.017 min  
Response: 5312965  
Conc: 39.08 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.171 min  
Delta R.T.: -0.017 min  
Response: 5588828  
Conc: 40.98 ug/ml

Instrument :

FID\_E

ClientSampleId :

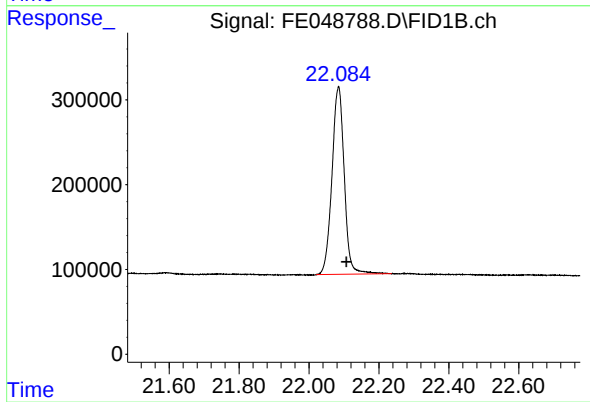
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#22 n-Tetracontane (C40)

R.T.: 22.085 min  
Delta R.T.: -0.023 min  
Response: 5407444  
Conc: 39.49 ug/ml