

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG013025AL\  
 Data File : FG015233.D  
 Signal(s) : FID1A.ch  
 Acq On : 30 Jan 2025 01:57  
 Operator : YP\AJ  
 Sample : Q1168-03  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 MDL-SOIL-03-QT1-2025

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 01/30/2025  
 Supervised By :Ankita Jodhani 01/30/2025

Integration File: autoint1.e  
 Quant Time: Jan 30 04:32:32 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 011425.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jan 14 11:45:29 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    |        |            |              |
| 12) S 1-chlorooctadecane (S... | 13.382 | 4324998    | 35.520 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 71.04%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.280  | 183227     | 1.411 ug/ml  |
| 2) T n-Decane (C10)            | 4.539  | 218653     | 1.645 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.718  | 286116     | 2.105 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.554  | 271852     | 1.977 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.168 | 262395     | 1.811 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.618 | 278529     | 1.874 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.934 | 284153     | 1.980 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.549 | 271736     | 1.922 ug/ml  |
| 13) T n-Docosane (C22)         | 14.136 | 282284     | 2.008 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.244 | 297056     | 2.134 ug/mlm |
| 15) T n-Hexacosane (C26)       | 16.267 | 302588     | 2.234 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.222 | 318238     | 2.418 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.111 | 349026     | 2.631 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.945 | 356298     | 2.825 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.730 | 311713     | 2.863 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.472 | 273763     | 2.932 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.219 | 247653     | 2.822 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.159 | 217794     | 2.569 ug/ml  |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Signal(s) : FID1A.ch  
Acq On : 30 Jan 2025 01:57  
Operator : YP\AJ  
Sample : Q1168-03  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

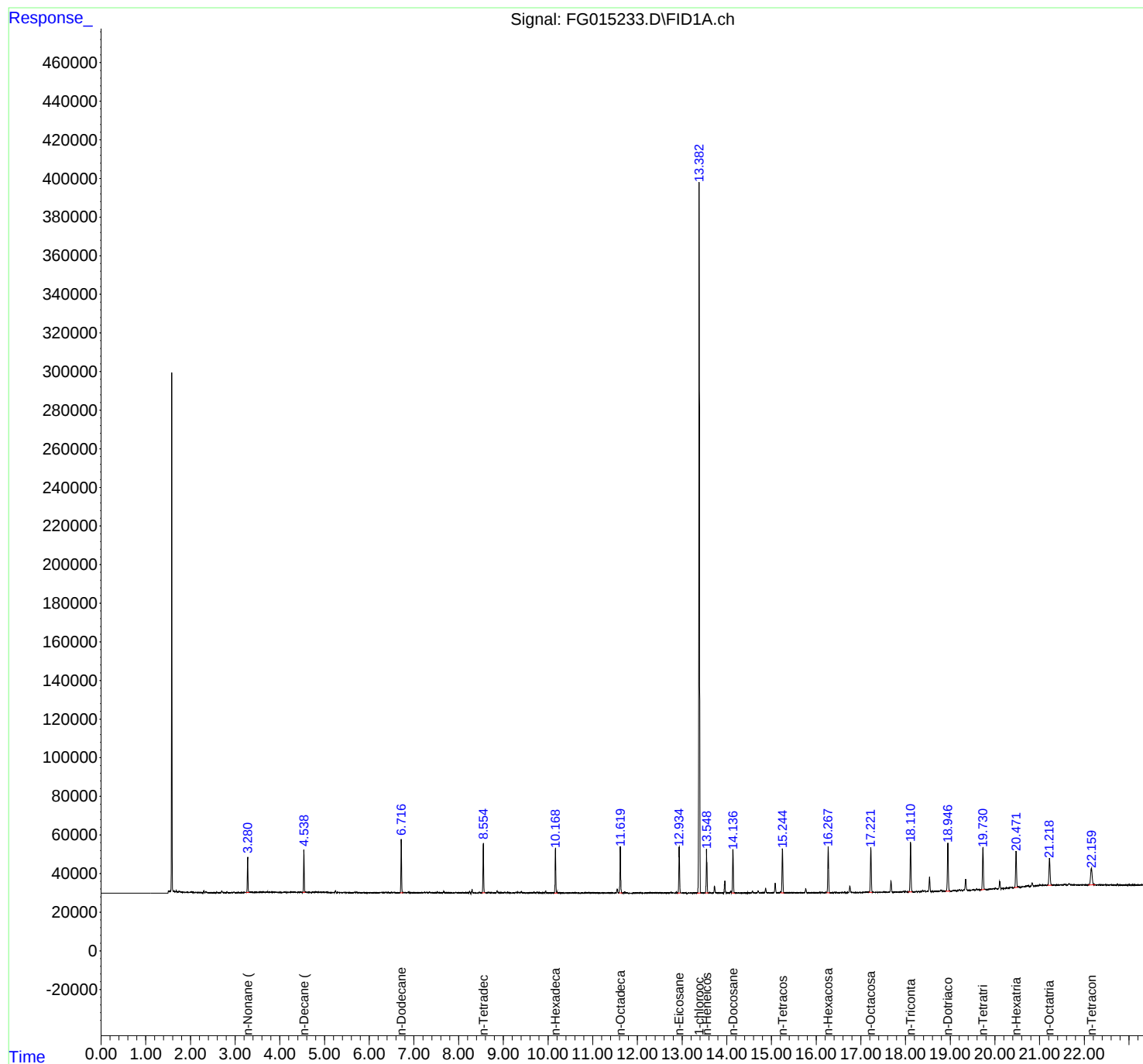
Instrument :  
FID\_G  
ClientSampleId :  
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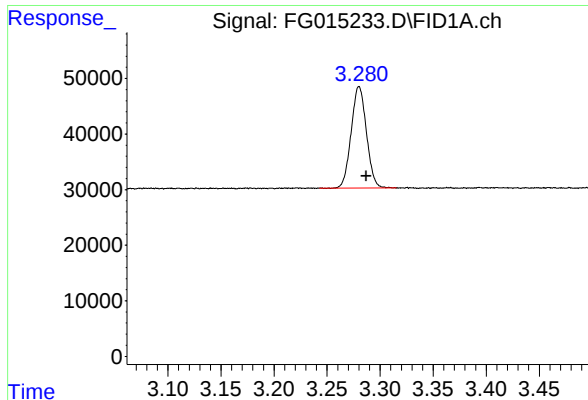
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 011425.M  
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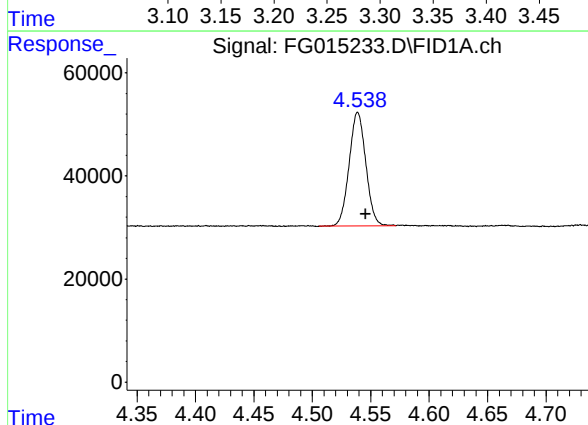
#1 n-Nonane (C9)

R.T.: 3.280 min  
Delta R.T.: -0.007 min  
Response: 183227  
Conc: 1.41 ug/ml

Instrument :  
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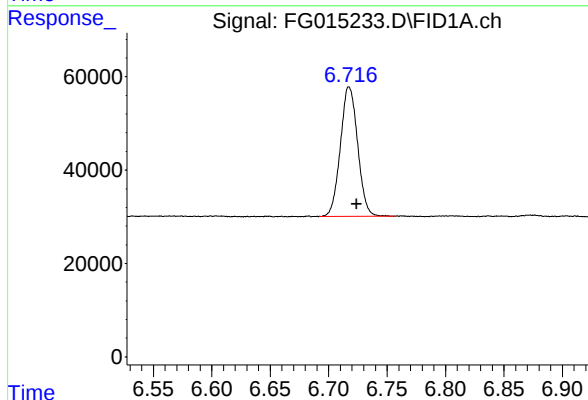
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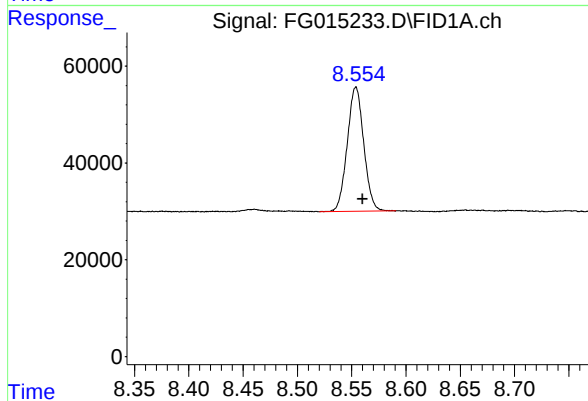
#2 n-Decane (C10)

R.T.: 4.539 min  
Delta R.T.: -0.007 min  
Response: 218653  
Conc: 1.65 ug/ml



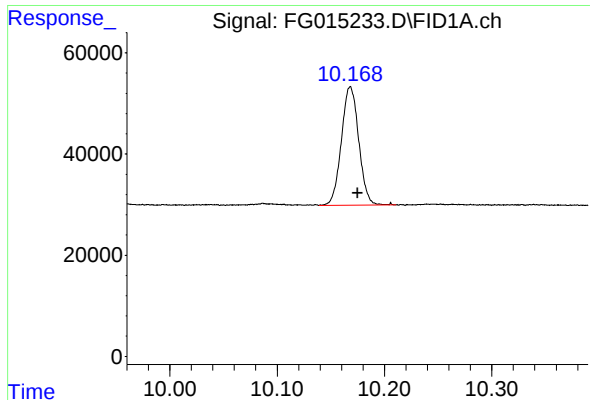
#4 n-Dodecane (C12)

R.T.: 6.718 min  
Delta R.T.: -0.006 min  
Response: 286116  
Conc: 2.10 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.554 min  
Delta R.T.: -0.006 min  
Response: 271852  
Conc: 1.98 ug/ml



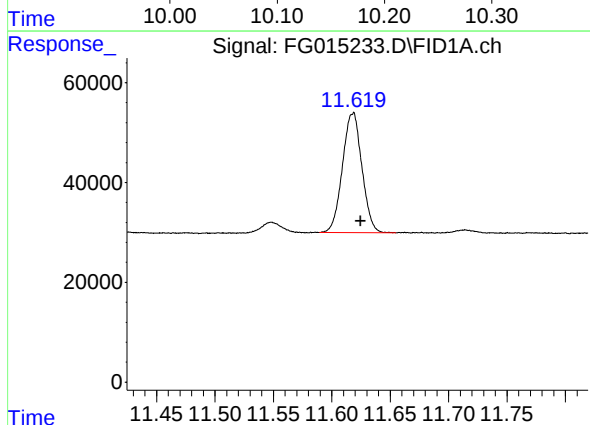
#7 n-Hexadecane (C16)

R.T.: 10.168 min  
Delta R.T.: -0.007 min  
Response: 262395  
Conc: 1.81 ug/ml

Instrument :  
FID\_G  
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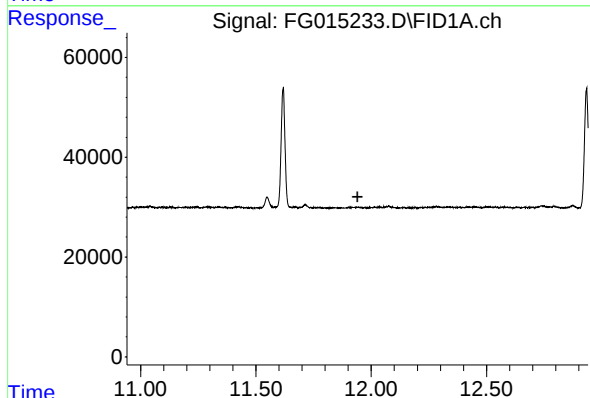
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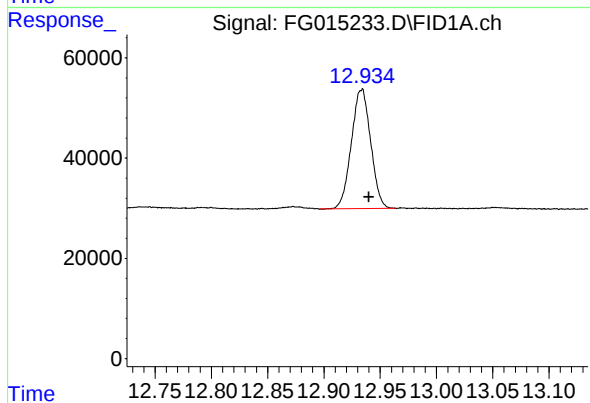
#8 n-Octadecane (C18)

R.T.: 11.618 min  
Delta R.T.: -0.007 min  
Response: 278529  
Conc: 1.87 ug/ml



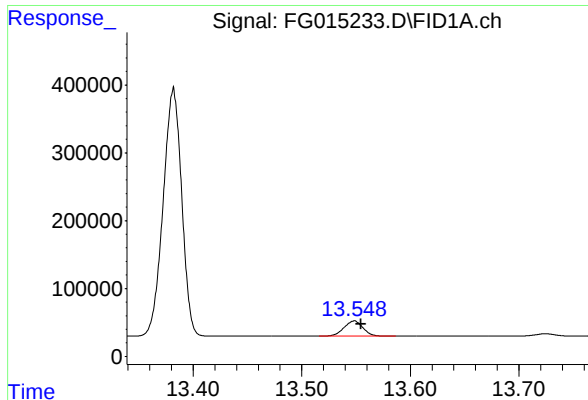
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min  
Exp R.T.: 11.940 min  
Response: 0  
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.934 min  
Delta R.T.: -0.007 min  
Response: 284153  
Conc: 1.98 ug/ml



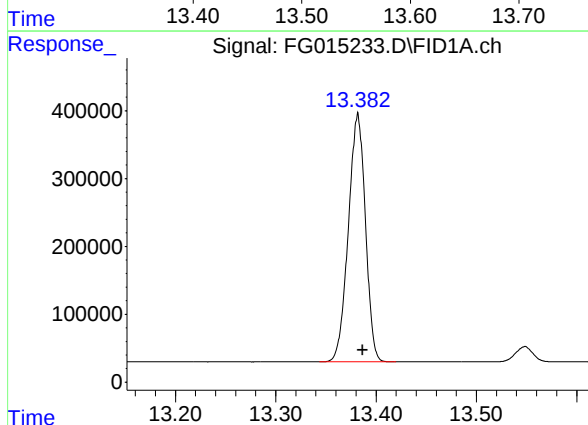
#11 n-Heneicosane (C21)

R.T.: 13.549 min  
Delta R.T.: -0.006 min  
Response: 271736  
Conc: 1.92 ug/ml

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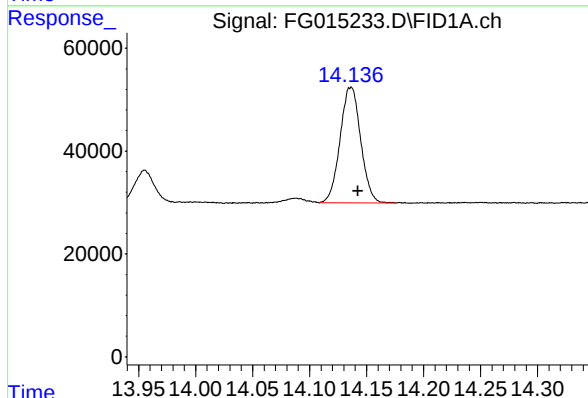
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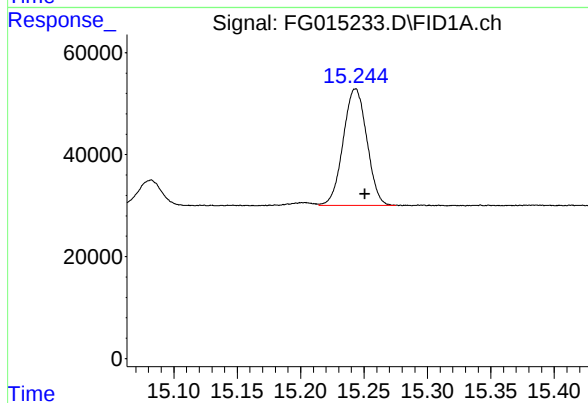
#12 1-chlorooctadecane (SURR)

R.T.: 13.382 min  
Delta R.T.: -0.005 min  
Response: 4324998  
Conc: 35.52 ug/ml



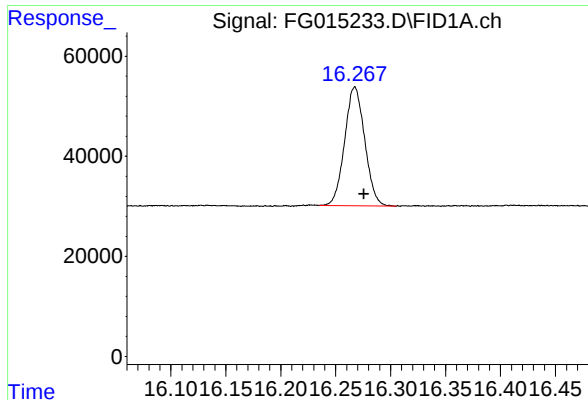
#13 n-Docosane (C22)

R.T.: 14.136 min  
Delta R.T.: -0.006 min  
Response: 282284  
Conc: 2.01 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.244 min  
Delta R.T.: -0.007 min  
Response: 297056  
Conc: 2.13 ug/ml m



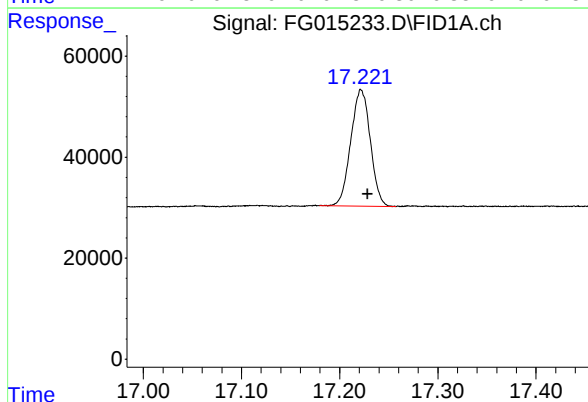
#15 n-Hexacosane (C26)

R.T.: 16.267 min  
Delta R.T.: -0.008 min  
Response: 302588  
Conc: 2.23 ug/ml

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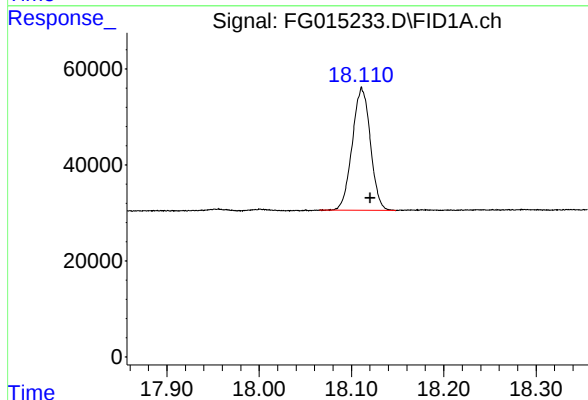
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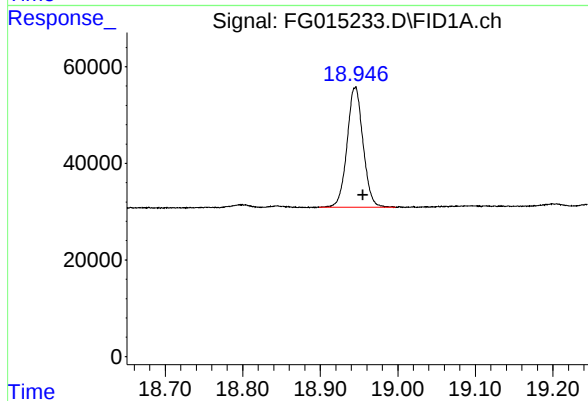
#16 n-Octacosane (C28)

R.T.: 17.222 min  
Delta R.T.: -0.007 min  
Response: 318238  
Conc: 2.42 ug/ml



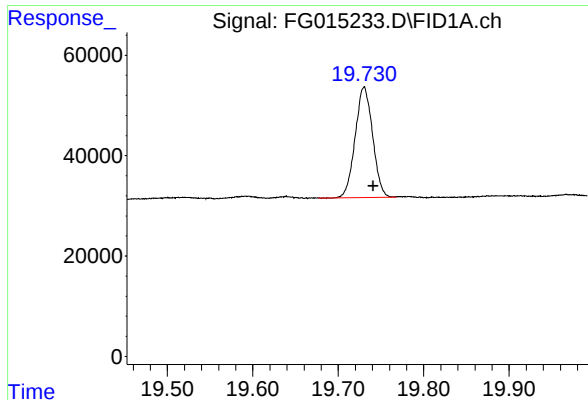
#17 n-Tricontane (C30)

R.T.: 18.111 min  
Delta R.T.: -0.009 min  
Response: 349026  
Conc: 2.63 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.945 min  
Delta R.T.: -0.010 min  
Response: 356298  
Conc: 2.82 ug/ml



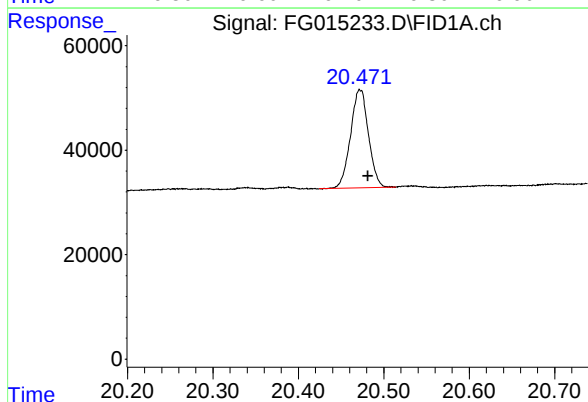
#19 n-Tetratriacontane (C34)

R.T.: 19.730 min  
Delta R.T.: -0.011 min  
Response: 311713  
Conc: 2.86 ug/ml

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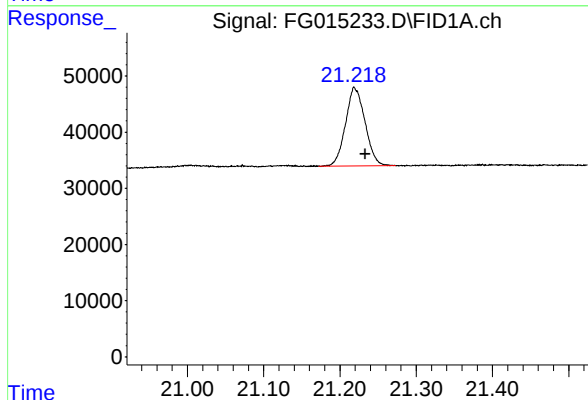
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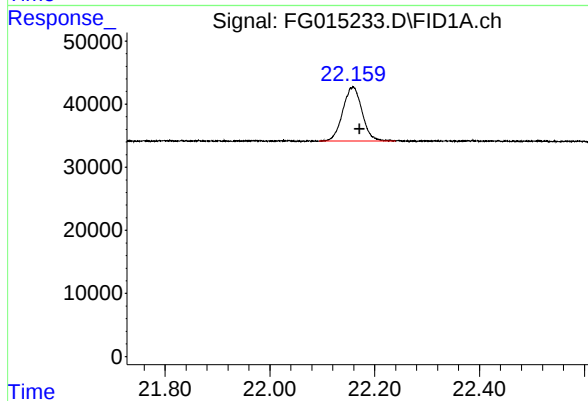
#20 n-Hexatriacontane (C36)

R.T.: 20.472 min  
Delta R.T.: -0.009 min  
Response: 273763  
Conc: 2.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.219 min  
Delta R.T.: -0.014 min  
Response: 247653  
Conc: 2.82 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.159 min  
Delta R.T.: -0.012 min  
Response: 217794  
Conc: 2.57 ug/ml