

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE053023AL\  
 Data File : FE042279.D  
 Signal(s) : FID1B.ch  
 Acq On : 30 May 2023 14:29  
 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: May 31 01:53:04 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 051823.M  
 Quant Title : GC Extractables  
 QLast Update : Thu May 18 06:27:12 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)    | 11.957 | 3425297    | 19.398 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.80%       |
| 12) S 1-chlorooctadecane (S... | 13.393 | 2515118    | 18.928 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.86%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.339  | 2811217    | 19.496 ug/ml |
| 2) T n-Decane (C10)            | 4.590  | 2901574    | 19.600 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.298  | 3185713    | 19.525 ug/ml |
| 4) T n-Dodecane (C12)          | 6.758  | 2947447    | 19.656 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.394  | 3066026    | 19.319 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.587  | 2924671    | 19.523 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.194 | 3029361    | 19.448 ug/ml |
| 8) T n-Octadecane (C18)        | 11.638 | 3061725    | 19.362 ug/ml |
| 10) T n-Eicosane (C20)         | 12.947 | 2925342    | 19.299 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.558 | 2853487    | 19.260 ug/ml |
| 13) T n-Docosane (C22)         | 14.145 | 2801782    | 19.112 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.248 | 2752720    | 19.069 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.270 | 2676007    | 19.322 ug/ml |
| 16) T n-Octacosane (C28)       | 17.218 | 2634795    | 19.680 ug/ml |
| 17) T n-Tricontane (C30)       | 18.105 | 2767564    | 20.502 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.938 | 2748429    | 20.573 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.722 | 2600940    | 19.777 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.461 | 2479181    | 19.075 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.211 | 2483456    | 18.305 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.144 | 2520435    | 18.117 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

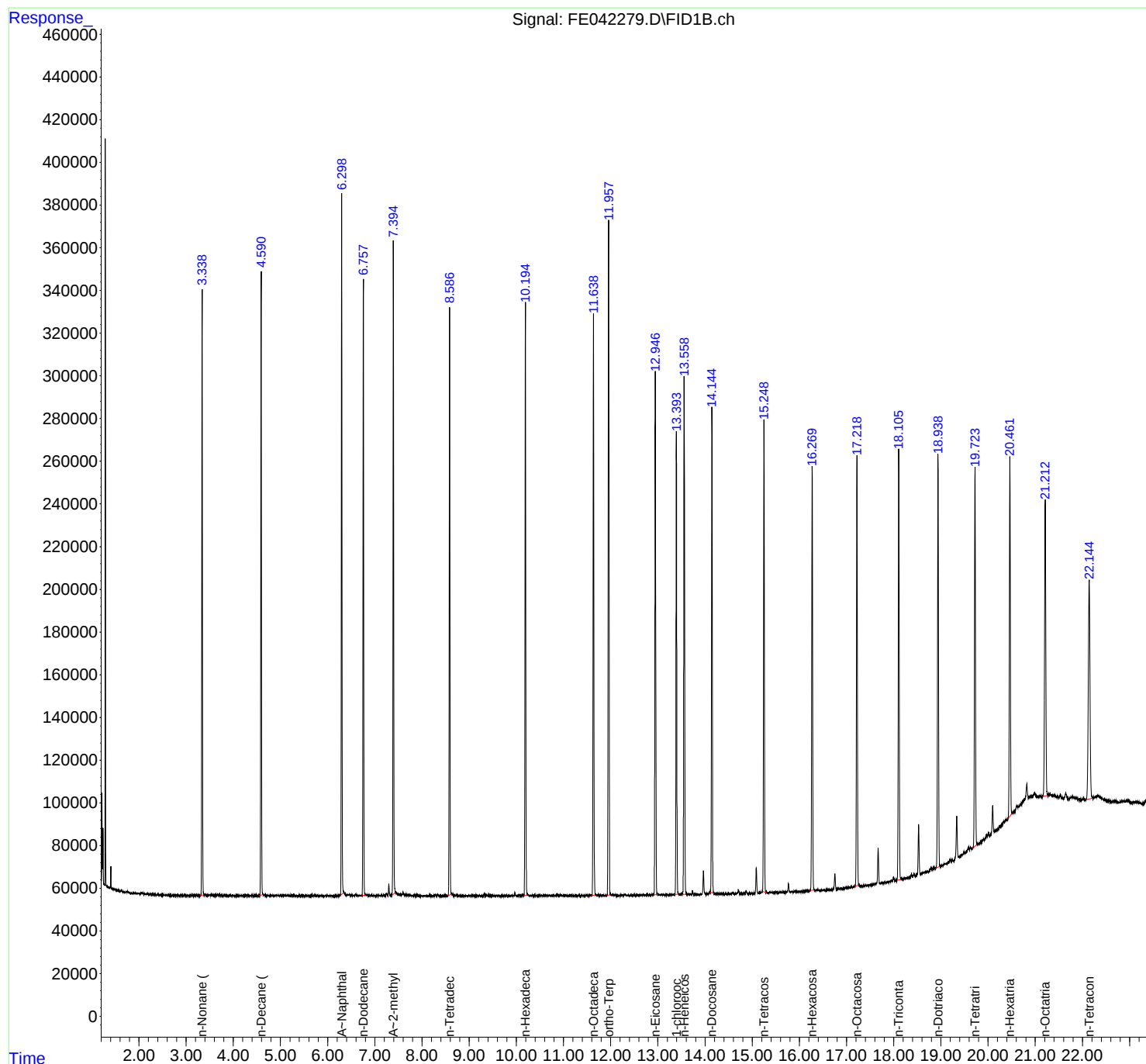
(m)=manual int.

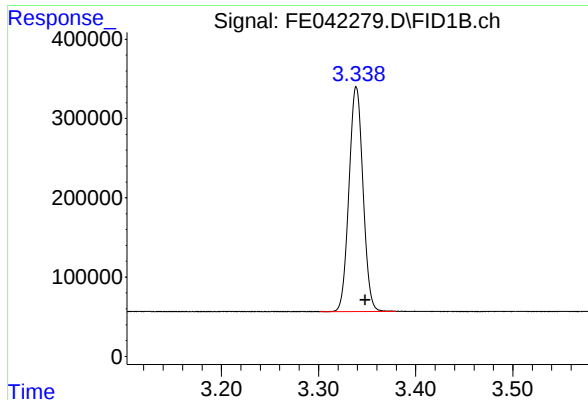
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE053023AL\  
Data File : FE042279.D  
Signal(s) : FID1B.ch  
Acq On : 30 May 2023 14:29  
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Sample : 20 PPM ALIPHATIC HC STD  
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Integration File: autoint1.e  
Quant Time: May 31 01:53:04 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 051823.M  
Quant Title : GC Extractables  
QLast Update : Thu May 18 06:27:12 2023  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

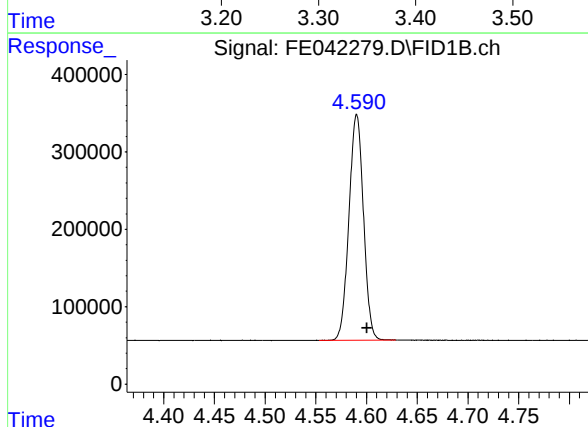




#1 n-Nonane (C9)

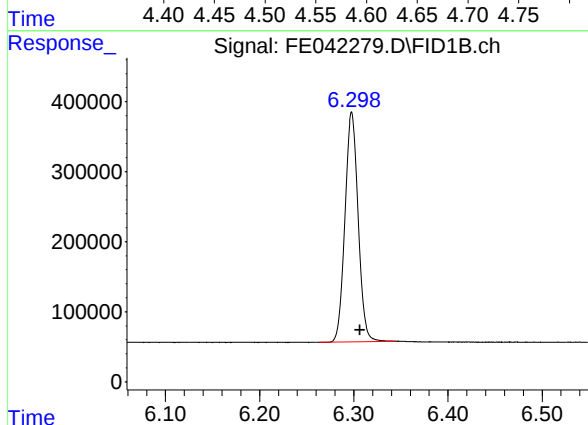
R.T.: 3.339 min  
Delta R.T.: -0.009 min  
Response: 2811217  
Conc: 19.50 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



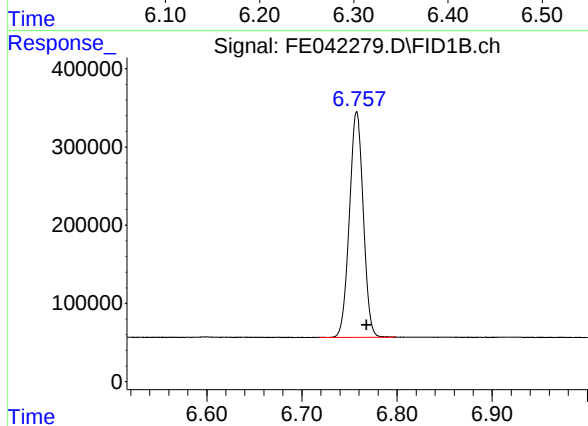
#2 n-Decane (C10)

R.T.: 4.590 min  
Delta R.T.: -0.010 min  
Response: 2901574  
Conc: 19.60 ug/ml



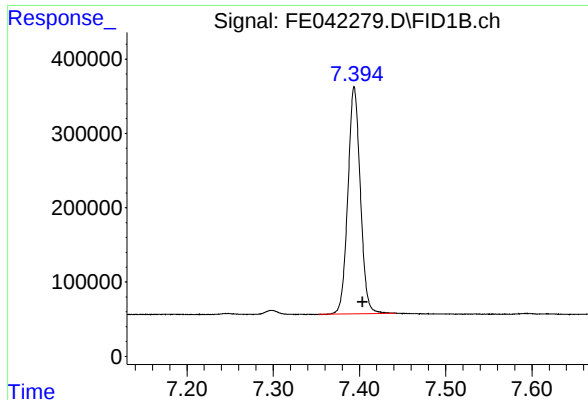
#3 A~Naphthalene (C11.7)

R.T.: 6.298 min  
Delta R.T.: -0.009 min  
Response: 3185713  
Conc: 19.53 ug/ml



#4 n-Dodecane (C12)

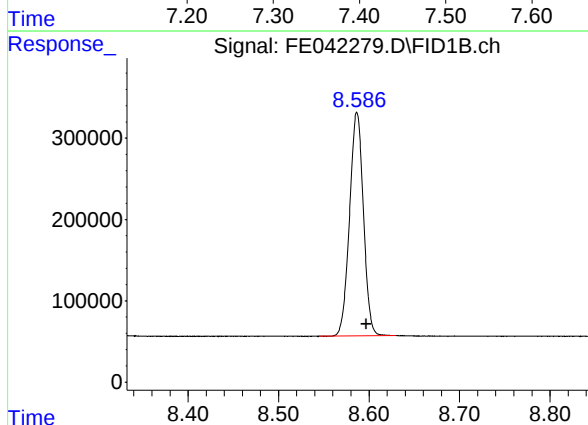
R.T.: 6.758 min  
Delta R.T.: -0.011 min  
Response: 2947447  
Conc: 19.66 ug/ml



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

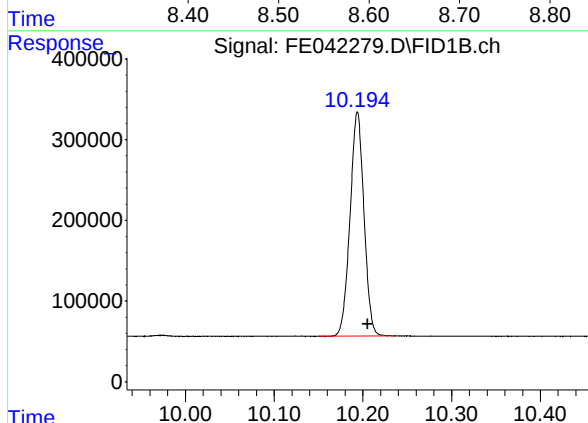
R.T.: 7.394 min  
Delta R.T.: -0.010 min  
Response: 3066026  
Conc: 19.32 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



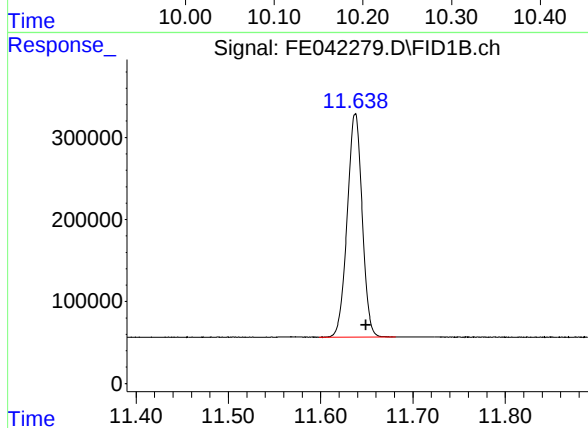
#6 n-Tetradecane (C14)

R.T.: 8.587 min  
Delta R.T.: -0.011 min  
Response: 2924671  
Conc: 19.52 ug/ml



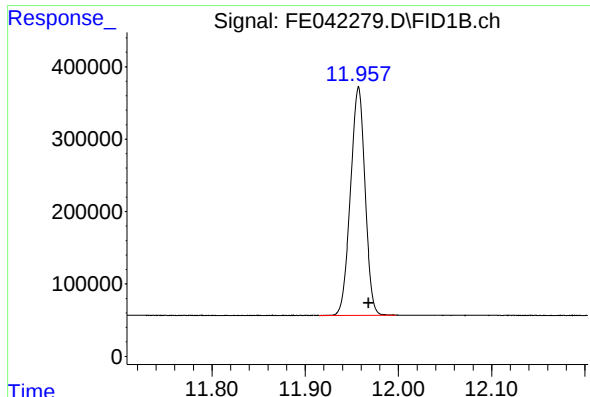
#7 n-Hexadecane (C16)

R.T.: 10.194 min  
Delta R.T.: -0.011 min  
Response: 3029361  
Conc: 19.45 ug/ml



#8 n-Octadecane (C18)

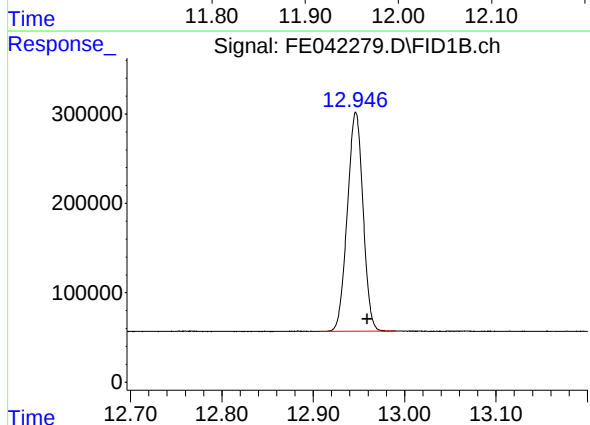
R.T.: 11.638 min  
Delta R.T.: -0.012 min  
Response: 3061725  
Conc: 19.36 ug/ml



#9 ortho-Terphenyl (SURR)

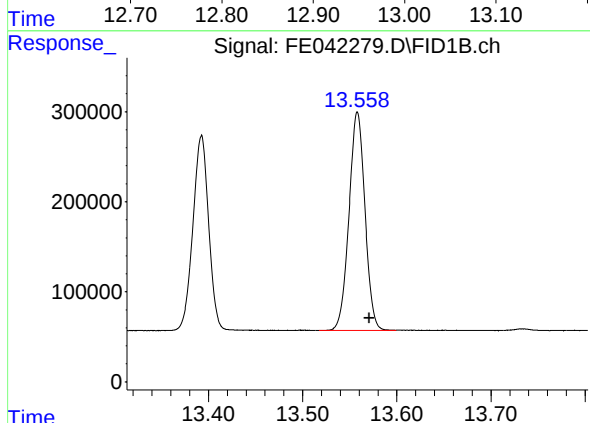
R.T.: 11.957 min  
Delta R.T.: -0.011 min  
Response: 3425297  
Conc: 19.40 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



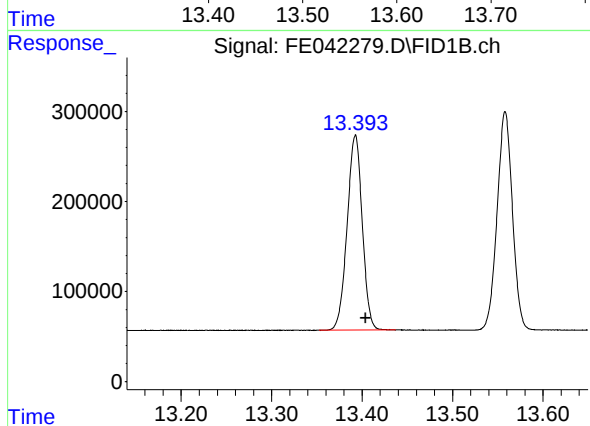
#10 n-Eicosane (C20)

R.T.: 12.947 min  
Delta R.T.: -0.012 min  
Response: 2925342  
Conc: 19.30 ug/ml



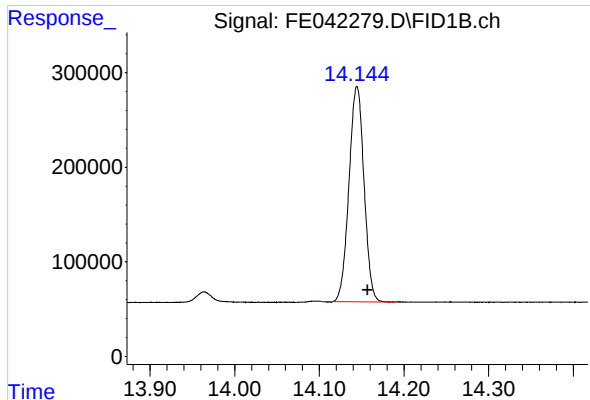
#11 n-Heneicosane (C21)

R.T.: 13.558 min  
Delta R.T.: -0.013 min  
Response: 2853487  
Conc: 19.26 ug/ml



#12 1-chlorooctadecane (SURR)

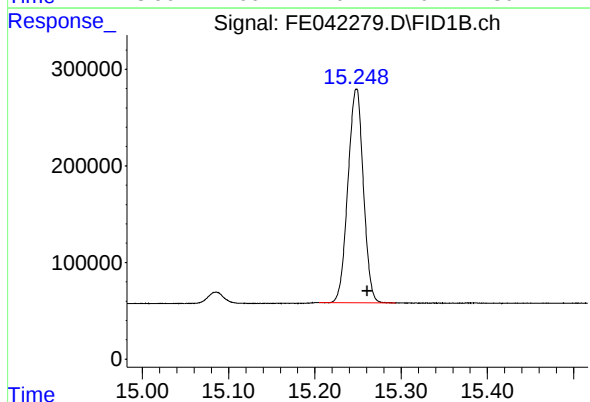
R.T.: 13.393 min  
Delta R.T.: -0.011 min  
Response: 2515118  
Conc: 18.93 ug/ml



#13 n-Docosane (C22)

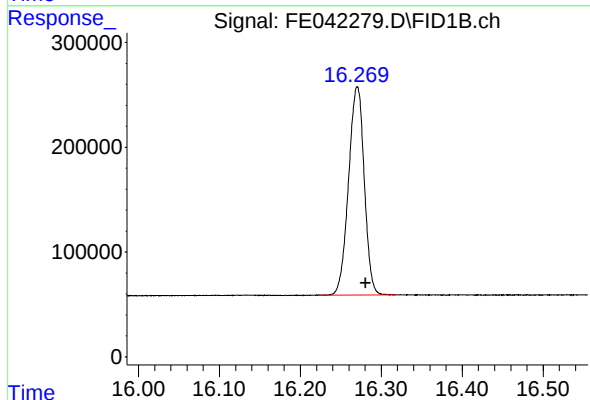
R.T.: 14.145 min  
Delta R.T.: -0.012 min  
Response: 2801782  
Conc: 19.11 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



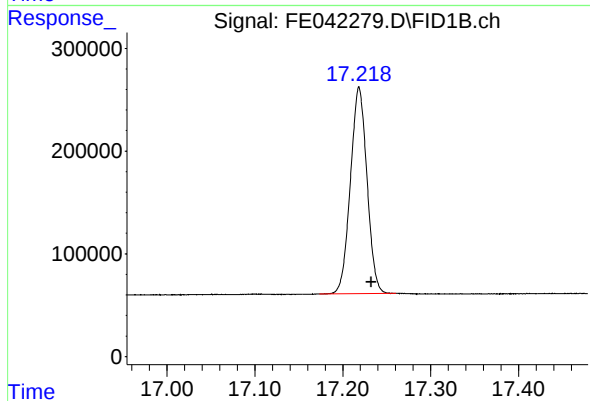
#14 n-Tetracosane (C24)

R.T.: 15.248 min  
Delta R.T.: -0.012 min  
Response: 2752720  
Conc: 19.07 ug/ml



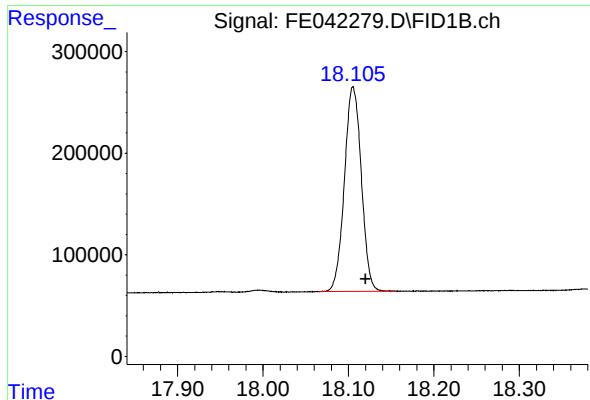
#15 n-Hexacosane (C26)

R.T.: 16.270 min  
Delta R.T.: -0.011 min  
Response: 2676007  
Conc: 19.32 ug/ml



#16 n-Octacosane (C28)

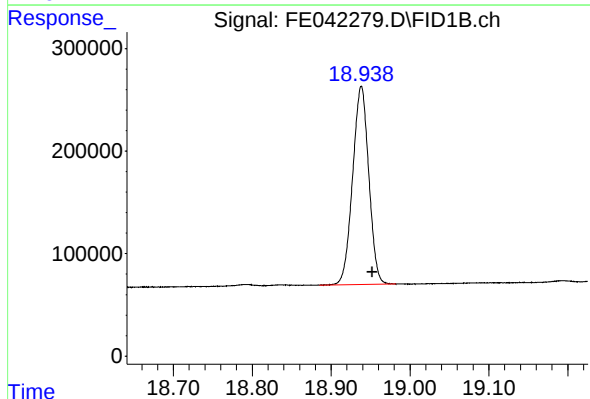
R.T.: 17.218 min  
Delta R.T.: -0.014 min  
Response: 2634795  
Conc: 19.68 ug/ml



#17 n-Tricontane (C30)

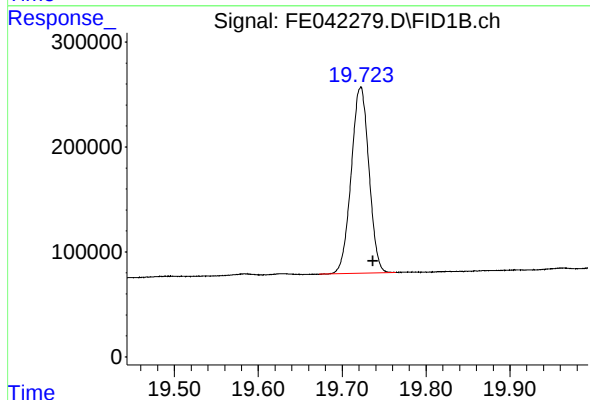
R.T.: 18.105 min  
Delta R.T.: -0.014 min  
Response: 2767564  
Conc: 20.50 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



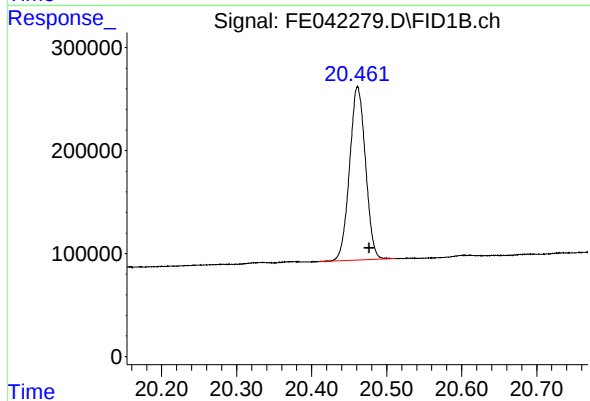
#18 n-Dotriacontane (C32)

R.T.: 18.938 min  
Delta R.T.: -0.014 min  
Response: 2748429  
Conc: 20.57 ug/ml



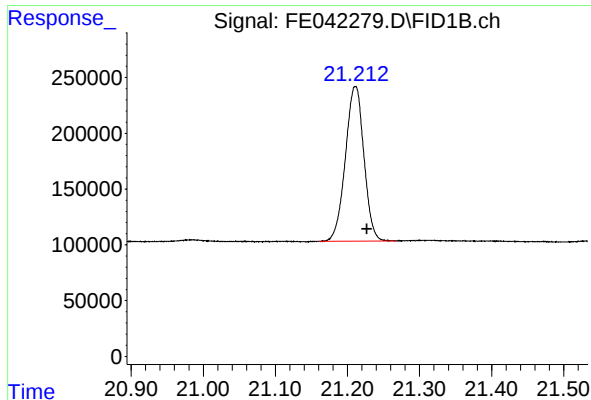
#19 n-Tetatriacontane (C34)

R.T.: 19.722 min  
Delta R.T.: -0.014 min  
Response: 2600940  
Conc: 19.78 ug/ml



#20 n-Hexatriacontane (C36)

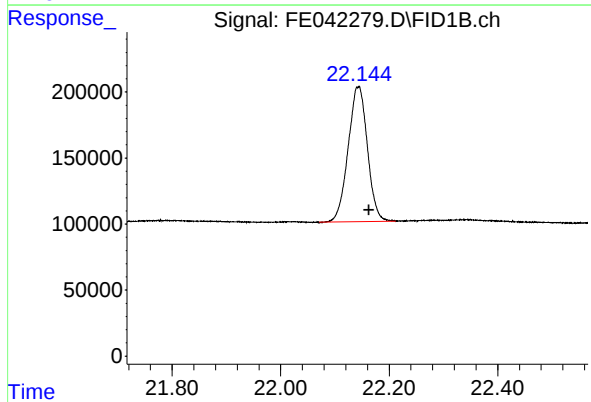
R.T.: 20.461 min  
Delta R.T.: -0.016 min  
Response: 2479181  
Conc: 19.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.211 min  
Delta R.T.: -0.016 min  
Response: 2483456  
Conc: 18.30 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.144 min  
Delta R.T.: -0.019 min  
Response: 2520435  
Conc: 18.12 ug/ml