

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE080824AL\  
 Data File : FE049527.D  
 Signal(s) : FID1B.ch  
 Acq On : 08 Aug 2024 20:39  
 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: Aug 09 01:21:47 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 071724.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jul 17 14:26:40 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)    | 11.889 | 3213331    | 20.717 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.43%       |
| 12) S 1-chlorooctadecane (S... | 13.324 | 2449199    | 20.963 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.93%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.279  | 2992064    | 19.896 ug/ml |
| 2) T n-Decane (C10)            | 4.530  | 3112902    | 20.154 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.236  | 3180807    | 20.416 ug/ml |
| 4) T n-Dodecane (C12)          | 6.697  | 3119691    | 20.260 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.331  | 3013960    | 20.710 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.524  | 3067676    | 20.212 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.129 | 3122312    | 20.588 ug/ml |
| 8) T n-Octadecane (C18)        | 11.572 | 3140914    | 20.687 ug/ml |
| 10) T n-Eicosane (C20)         | 12.880 | 2983778    | 20.634 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.491 | 2924481    | 20.623 ug/ml |
| 13) T n-Docosane (C22)         | 14.077 | 2909346    | 20.708 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.178 | 2927160    | 20.886 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.198 | 2904127    | 20.711 ug/ml |
| 16) T n-Octacosane (C28)       | 17.146 | 2929241    | 20.928 ug/ml |
| 17) T n-Tricontane (C30)       | 18.033 | 3022791    | 20.722 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.864 | 3079202    | 20.942 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.647 | 3059994    | 20.949 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.386 | 3037532    | 21.071 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.113 | 3149910    | 21.043 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.008 | 2946625    | 19.526 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

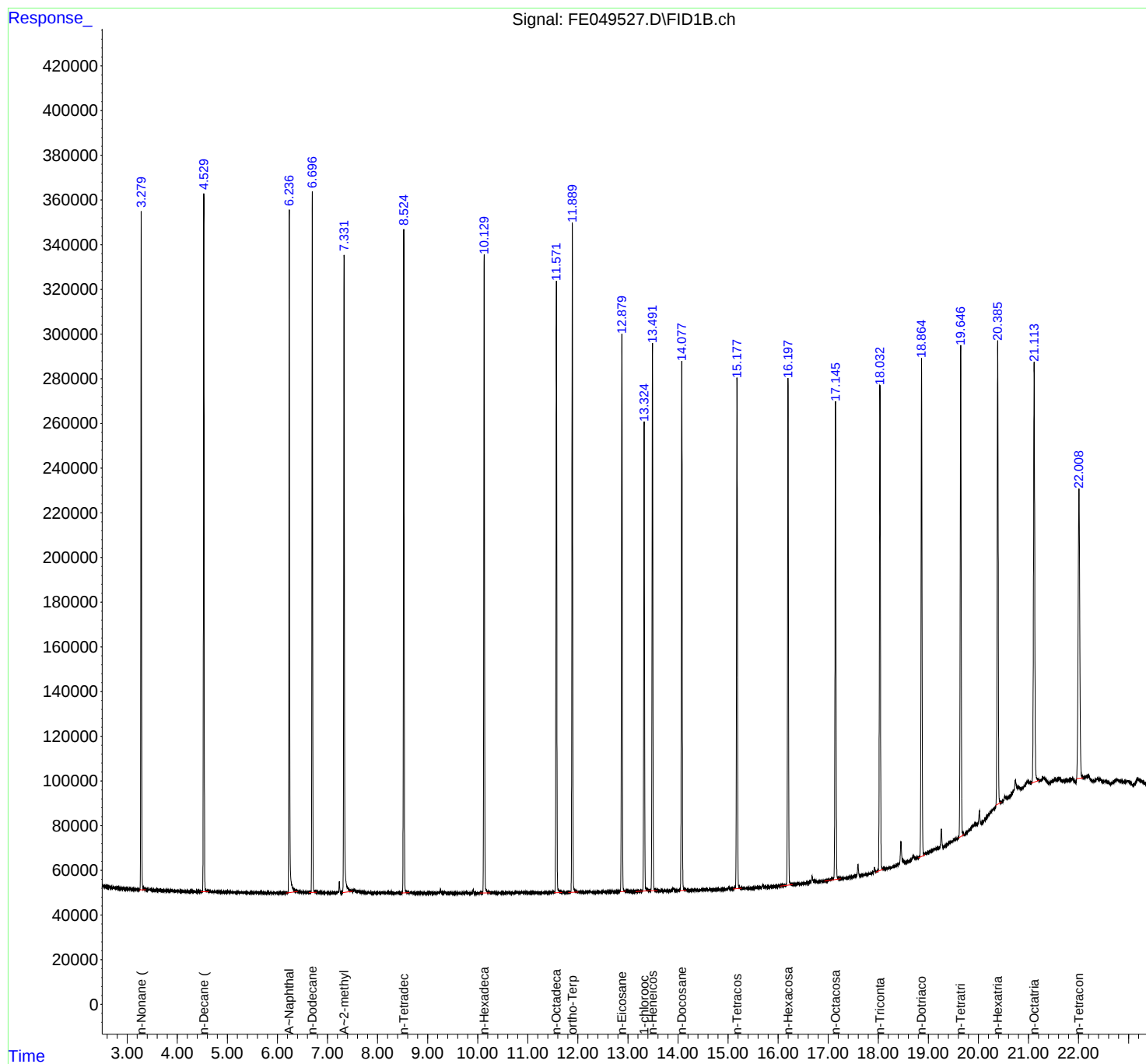
(m)=manual int.

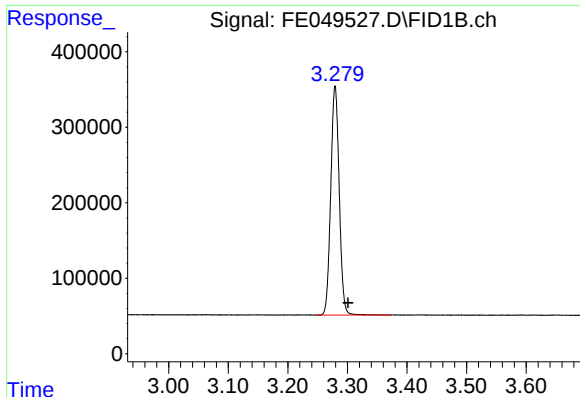
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE080824AL\  
Data File : FE049527.D  
Signal(s) : FID1B.ch  
Acq On : 08 Aug 2024 20:39  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
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ALS Vial : 2 Sample Multiplier: 1

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Integration File: autoint1.e  
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 071724.M  
Quant Title : GC Extractables  
QLast Update : Wed Jul 17 14:26:40 2024  
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Volume Inj. : 1 ul  
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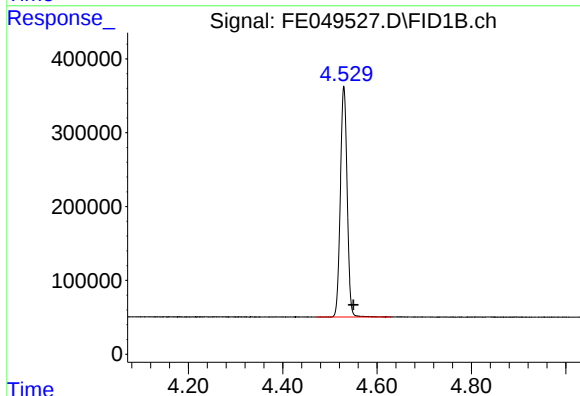




#1 n-Nonane (C9)

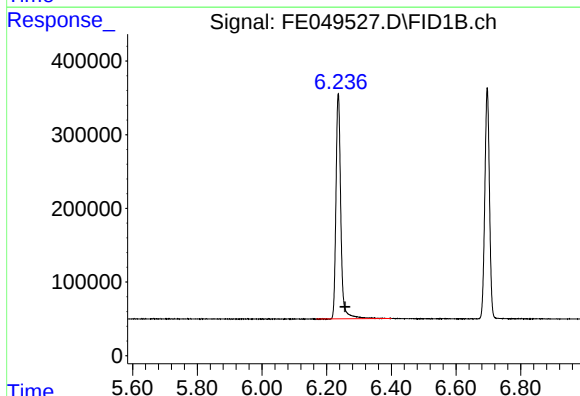
R.T.: 3.279 min  
Delta R.T.: -0.022 min  
Response: 2992064  
Conc: 19.90 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



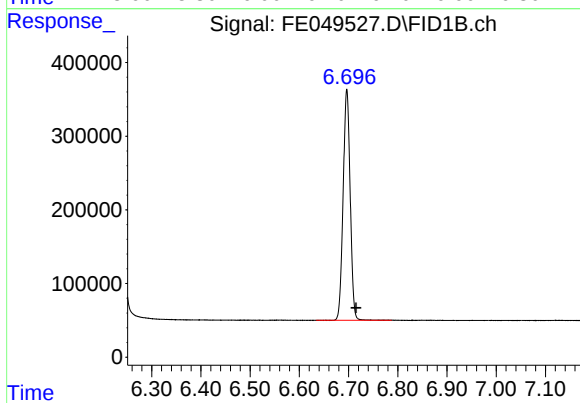
#2 n-Decane (C10)

R.T.: 4.530 min  
Delta R.T.: -0.020 min  
Response: 3112902  
Conc: 20.15 ug/ml



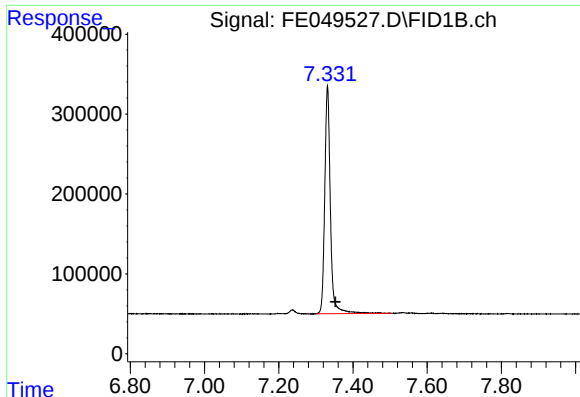
#3 A~Naphthalene (C11.7)

R.T.: 6.236 min  
Delta R.T.: -0.021 min  
Response: 3180807  
Conc: 20.42 ug/ml



#4 n-Dodecane (C12)

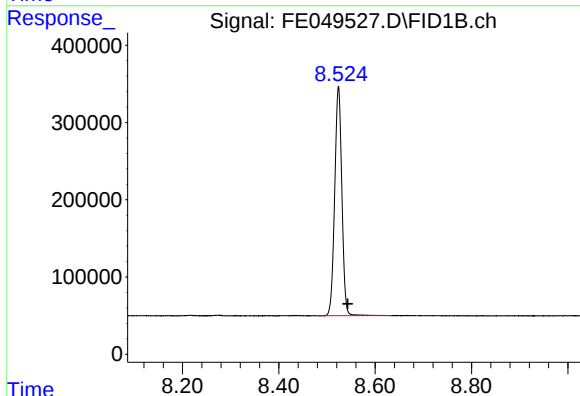
R.T.: 6.697 min  
Delta R.T.: -0.018 min  
Response: 3119691  
Conc: 20.26 ug/ml



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

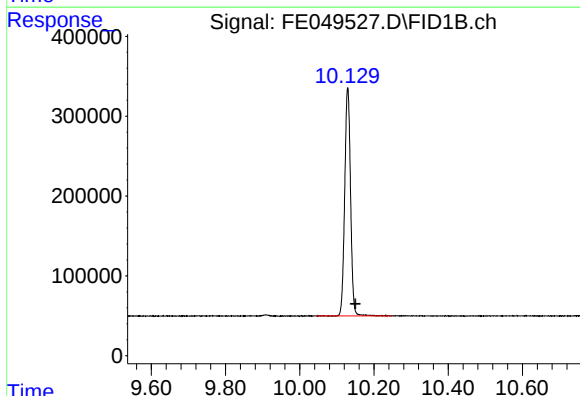
R.T.: 7.331 min  
Delta R.T.: -0.021 min  
Response: 3013960  
Conc: 20.71 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



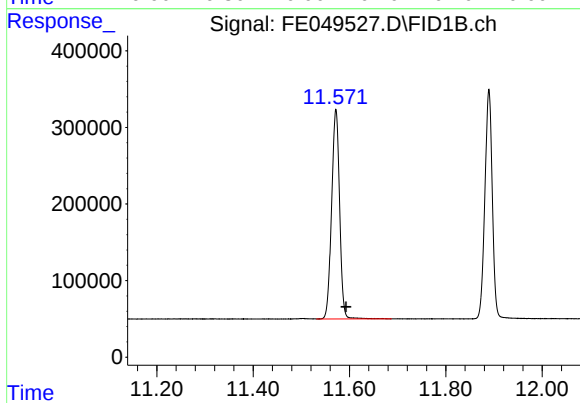
#6 n-Tetradecane (C14)

R.T.: 8.524 min  
Delta R.T.: -0.019 min  
Response: 3067676  
Conc: 20.21 ug/ml



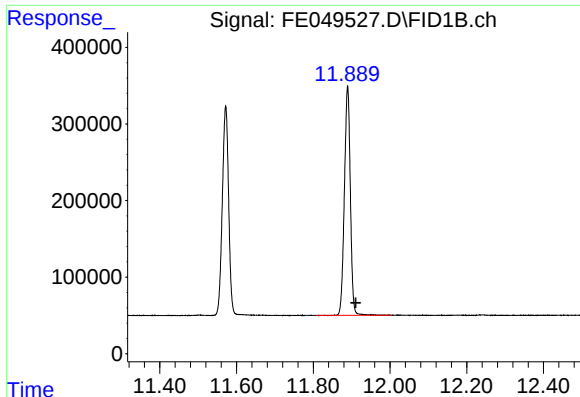
#7 n-Hexadecane (C16)

R.T.: 10.129 min  
Delta R.T.: -0.021 min  
Response: 3122312  
Conc: 20.59 ug/ml



#8 n-Octadecane (C18)

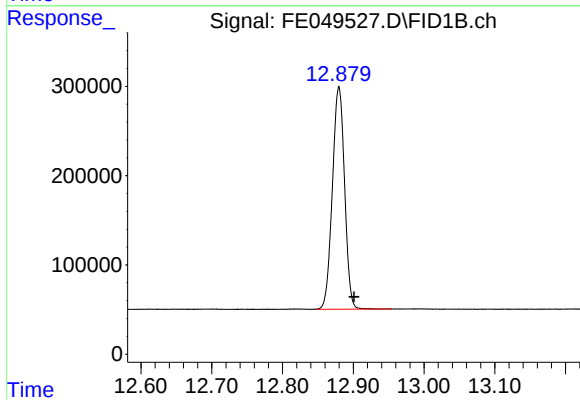
R.T.: 11.572 min  
Delta R.T.: -0.021 min  
Response: 3140914  
Conc: 20.69 ug/ml



#9 ortho-Terphenyl (SURR)

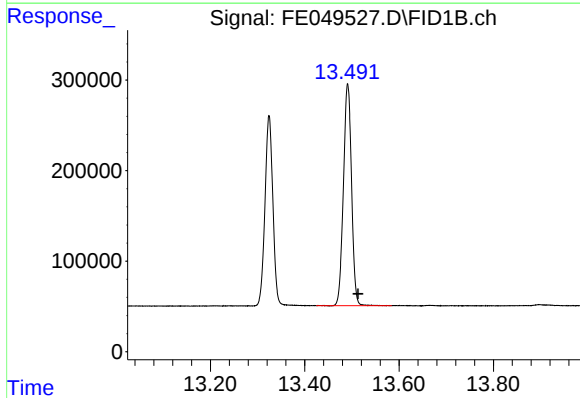
R.T.: 11.889 min  
Delta R.T.: -0.021 min  
Response: 3213331  
Conc: 20.72 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



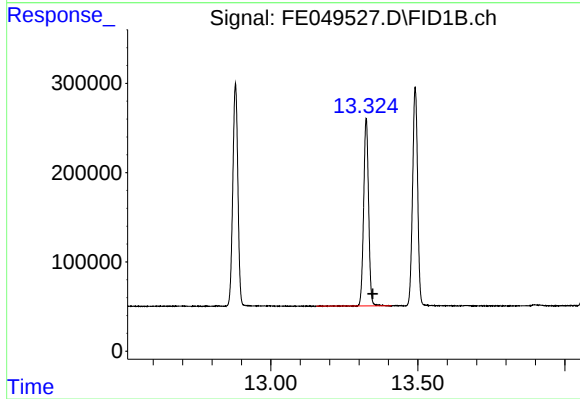
#10 n-Eicosane (C20)

R.T.: 12.880 min  
Delta R.T.: -0.021 min  
Response: 2983778  
Conc: 20.63 ug/ml



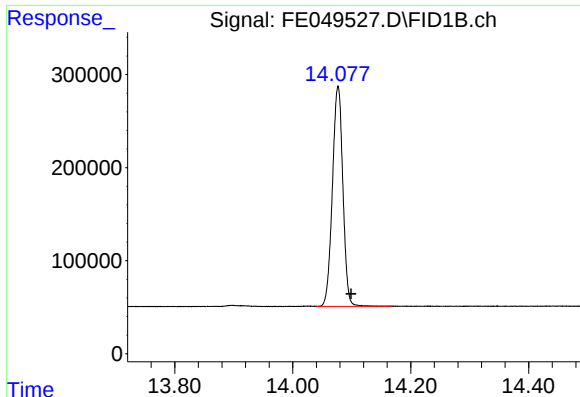
#11 n-Heneicosane (C21)

R.T.: 13.491 min  
Delta R.T.: -0.022 min  
Response: 2924481  
Conc: 20.62 ug/ml



#12 1-chlorooctadecane (SURR)

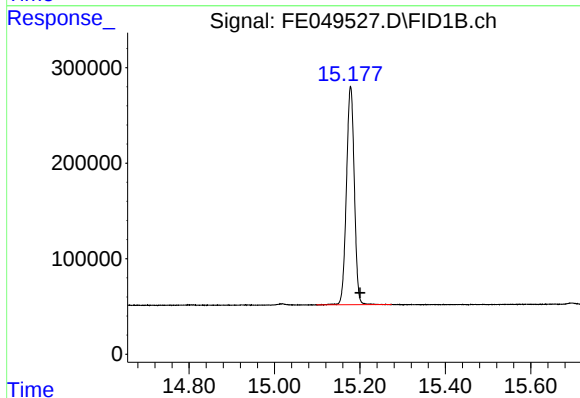
R.T.: 13.324 min  
Delta R.T.: -0.022 min  
Response: 2449199  
Conc: 20.96 ug/ml



#13 n-Docosane (C22)

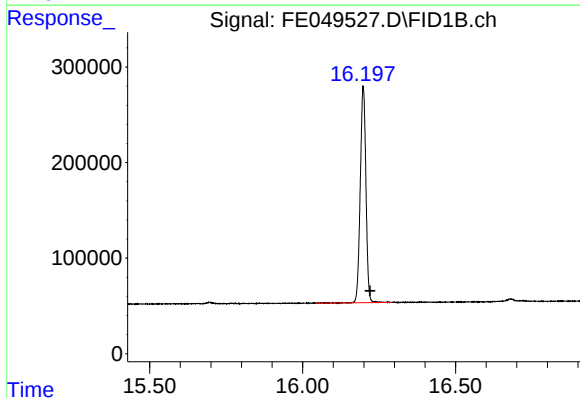
R.T.: 14.077 min  
Delta R.T.: -0.022 min  
Response: 2909346  
Conc: 20.71 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



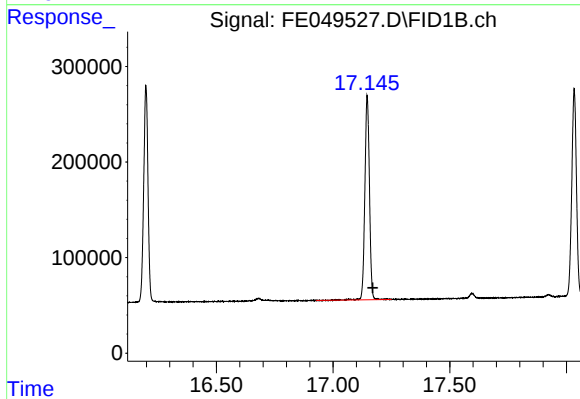
#14 n-Tetracosane (C24)

R.T.: 15.178 min  
Delta R.T.: -0.022 min  
Response: 2927160  
Conc: 20.89 ug/ml



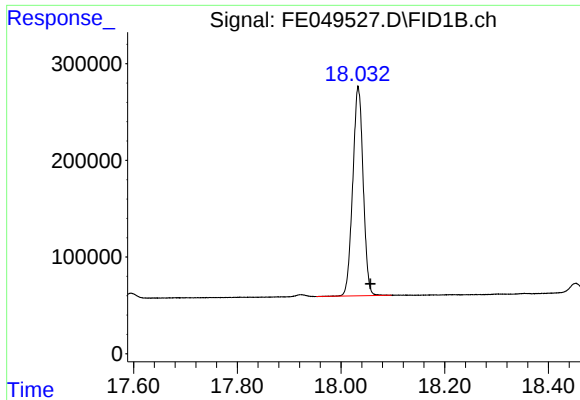
#15 n-Hexacosane (C26)

R.T.: 16.198 min  
Delta R.T.: -0.023 min  
Response: 2904127  
Conc: 20.71 ug/ml



#16 n-Octacosane (C28)

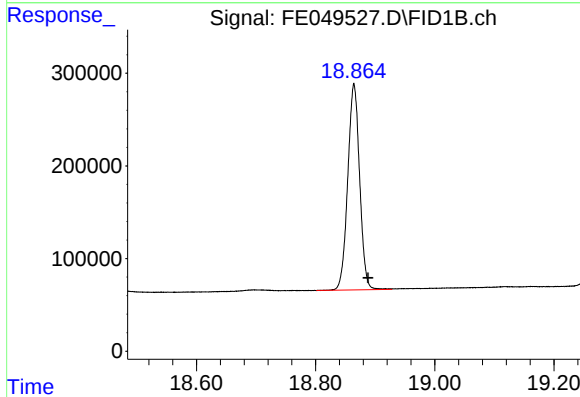
R.T.: 17.146 min  
Delta R.T.: -0.024 min  
Response: 2929241  
Conc: 20.93 ug/ml



#17 n-Tricontane (C30)

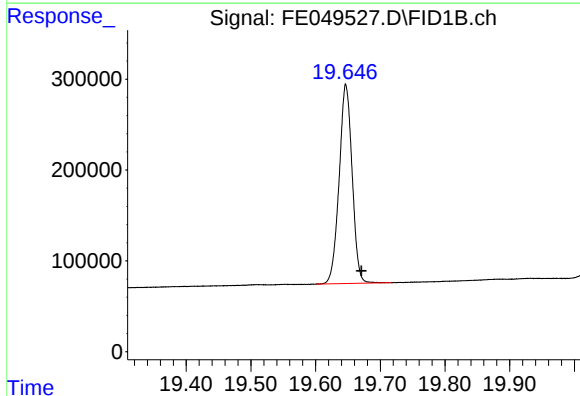
R.T.: 18.033 min  
Delta R.T.: -0.023 min  
Response: 3022791  
Conc: 20.72 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



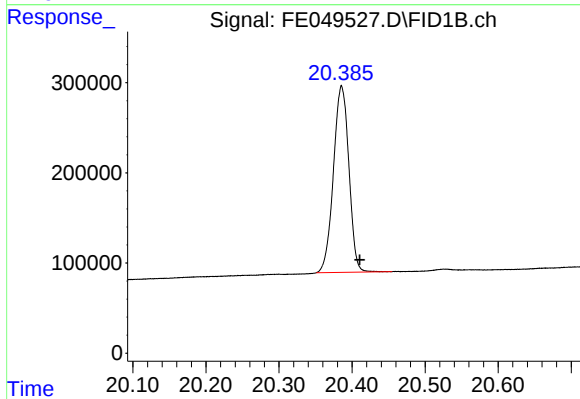
#18 n-Dotriacontane (C32)

R.T.: 18.864 min  
Delta R.T.: -0.024 min  
Response: 3079202  
Conc: 20.94 ug/ml



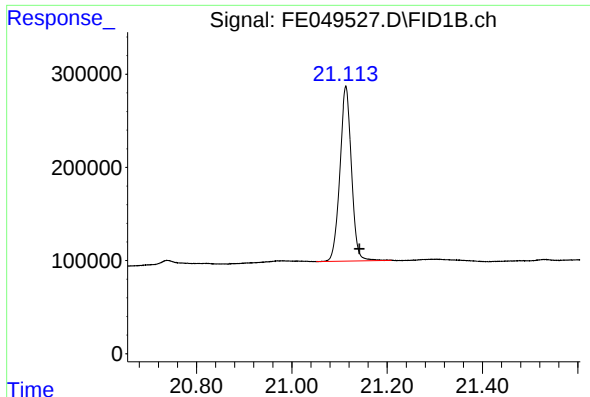
#19 n-Tetratriacontane (C34)

R.T.: 19.647 min  
Delta R.T.: -0.024 min  
Response: 3059994  
Conc: 20.95 ug/ml



#20 n-Hexatriacontane (C36)

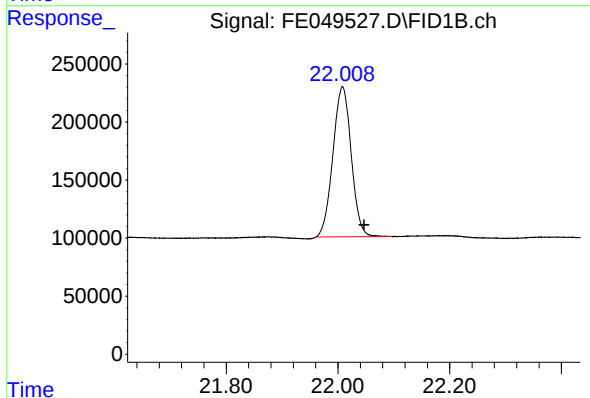
R.T.: 20.386 min  
Delta R.T.: -0.025 min  
Response: 3037532  
Conc: 21.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.113 min  
Delta R.T.: -0.028 min  
Response: 3149910  
Conc: 21.04 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.008 min  
Delta R.T.: -0.039 min  
Response: 2946625  
Conc: 19.53 ug/ml