

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE021723AL\  
 Data File : FE040425.D  
 Signal(s) : FID1B.ch  
 Acq On : 18 Feb 2023 00:13  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E  
 Quant Time: Feb 18 02:29:55 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 020223.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Feb 02 04:52:48 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)    | 11.887 | 3282751    | 20.281 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.56%       |
| 12) S 1-chlorooctadecane (S... | 13.325 | 2497380    | 20.136 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.27%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.283  | 2782428    | 20.443 ug/ml |
| 2) T n-Decane (C10)            | 4.531  | 2737997    | 20.607 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.233  | 3006632    | 20.544 ug/ml |
| 4) T n-Dodecane (C12)          | 6.695  | 2774278    | 20.605 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.328  | 2770346    | 20.467 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.522  | 2814583    | 20.423 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.129 | 2913766    | 20.302 ug/ml |
| 8) T n-Octadecane (C18)        | 11.572 | 3010808    | 20.240 ug/ml |
| 10) T n-Eicosane (C20)         | 12.881 | 2959508    | 20.130 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.493 | 2973570    | 20.161 ug/ml |
| 13) T n-Docosane (C22)         | 14.079 | 2961533    | 19.987 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.182 | 2975060    | 19.598 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.205 | 2884698    | 19.459 ug/ml |
| 16) T n-Octacosane (C28)       | 17.155 | 2863174    | 19.105 ug/ml |
| 17) T n-Tricontane (C30)       | 18.045 | 2771989    | 18.787 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.877 | 2732896    | 18.660 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.663 | 2608014    | 18.961 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.403 | 2463479    | 18.572 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.136 | 2449286    | 18.880 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.031 | 2478664    | 18.669 ug/ml |
| -----                          |        |            |              |

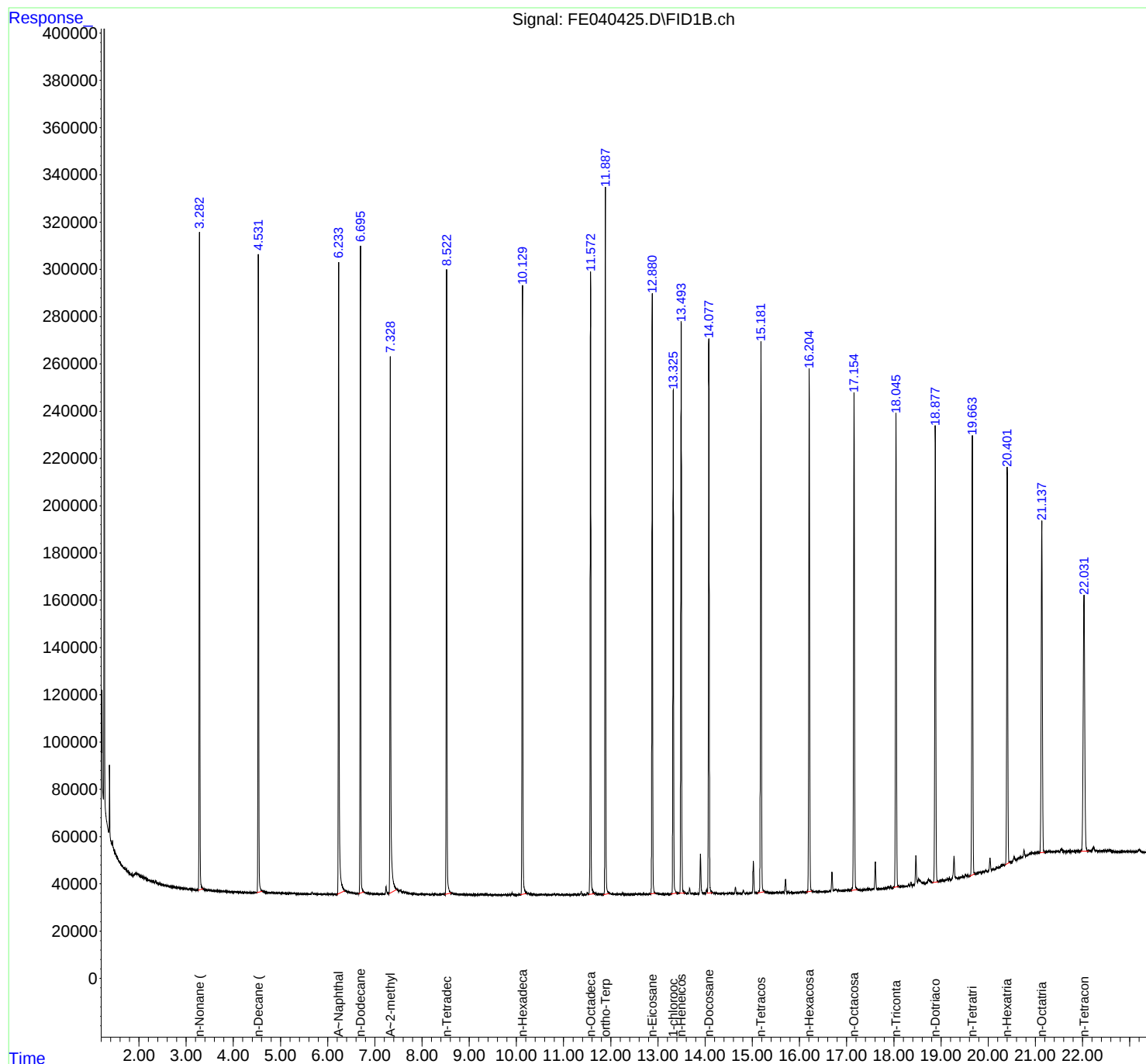
(f)=RT Delta > 1/2 Window

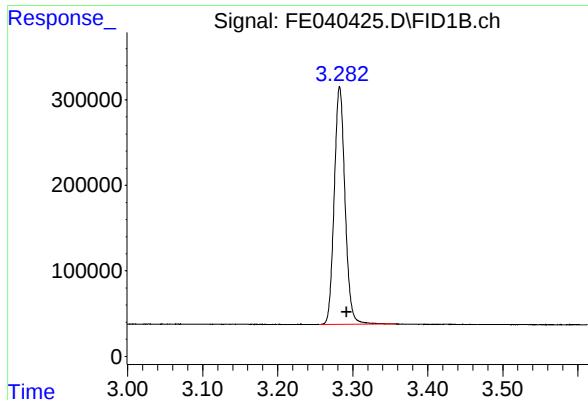
(m)=manual int.

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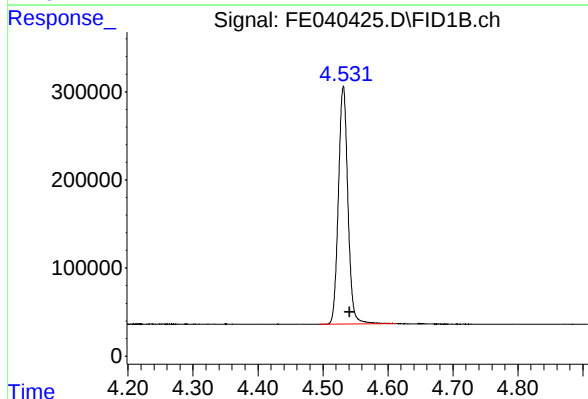
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





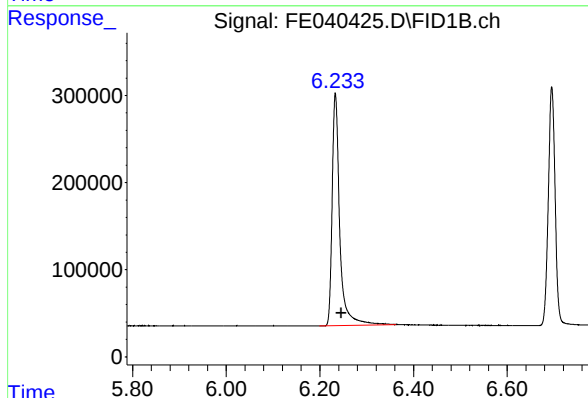
#1 n-Nonane (C9)

R.T.: 3.283 min  
Delta R.T.: -0.009 min  
Response: 2782428  
Conc: 20.44 ug/ml



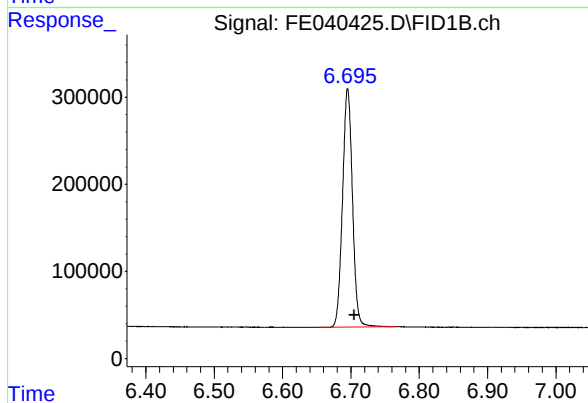
#2 n-Decane (C10)

R.T.: 4.531 min  
Delta R.T.: -0.010 min  
Response: 2737997  
Conc: 20.61 ug/ml



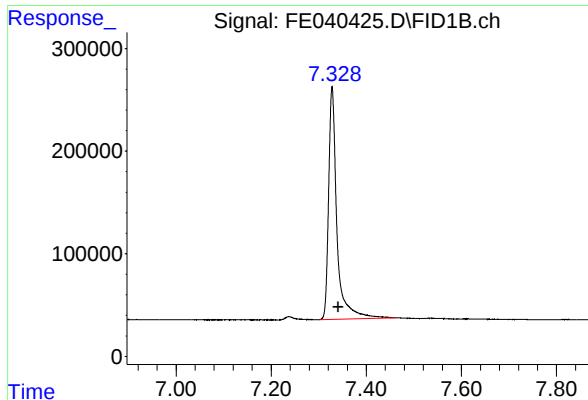
#3 A~Naphthalene (C11.7)

R.T.: 6.233 min  
Delta R.T.: -0.013 min  
Response: 3006632  
Conc: 20.54 ug/ml



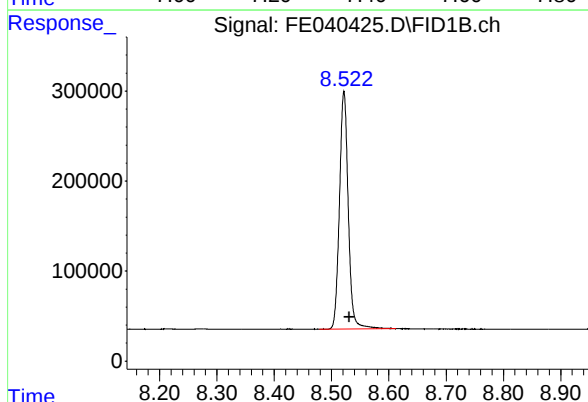
#4 n-Dodecane (C12)

R.T.: 6.695 min  
Delta R.T.: -0.009 min  
Response: 2774278  
Conc: 20.61 ug/ml



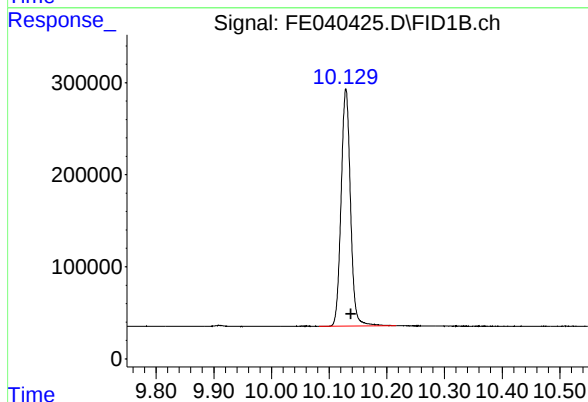
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.328 min  
Delta R.T.: -0.013 min  
Response: 2770346  
Conc: 20.47 ug/ml



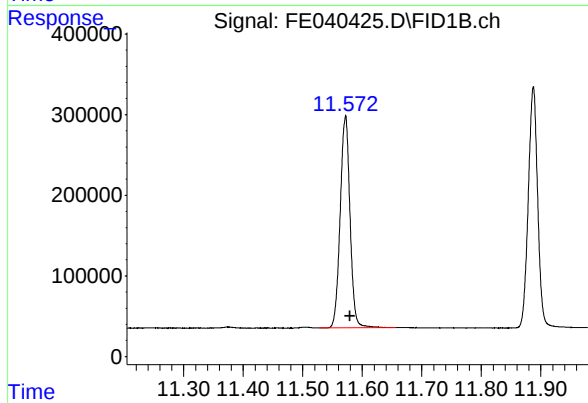
#6 n-Tetradecane (C14)

R.T.: 8.522 min  
Delta R.T.: -0.009 min  
Response: 2814583  
Conc: 20.42 ug/ml



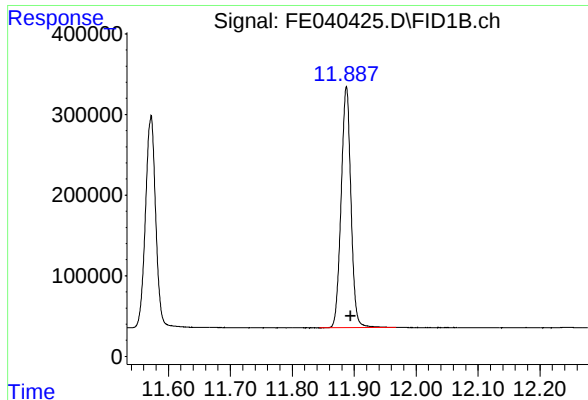
#7 n-Hexadecane (C16)

R.T.: 10.129 min  
Delta R.T.: -0.009 min  
Response: 2913766  
Conc: 20.30 ug/ml



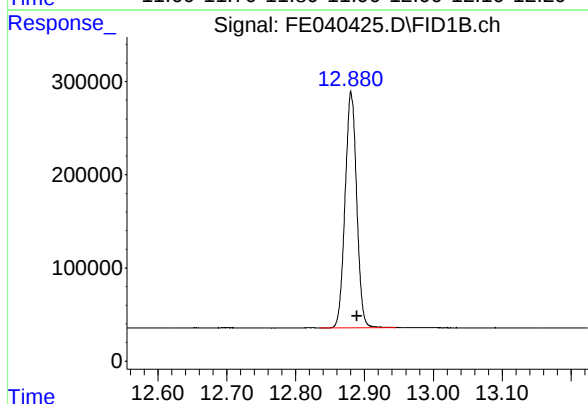
#8 n-Octadecane (C18)

R.T.: 11.572 min  
Delta R.T.: -0.008 min  
Response: 3010808  
Conc: 20.24 ug/ml



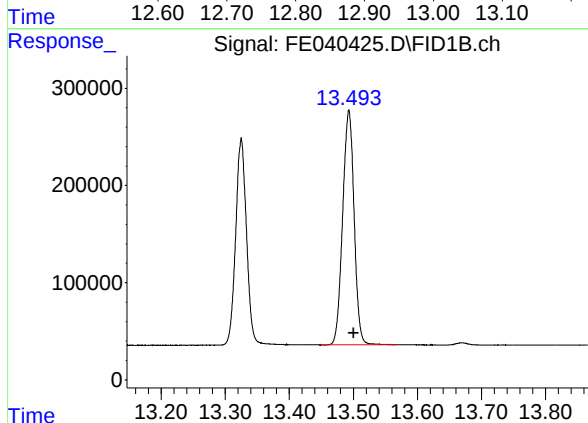
#9 ortho-Terphenyl (SURR)

R.T.: 11.887 min  
Delta R.T.: -0.007 min  
Response: 3282751  
Conc: 20.28 ug/ml



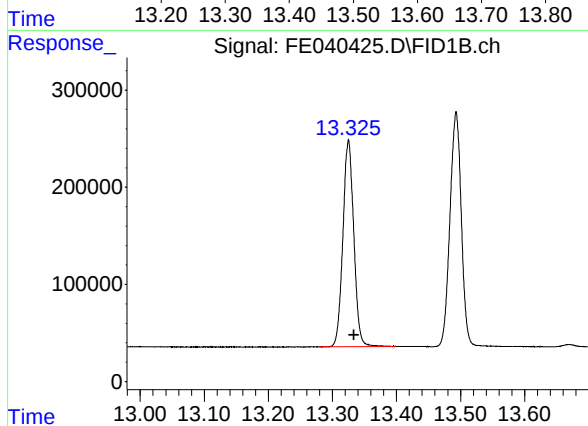
#10 n-Eicosane (C20)

R.T.: 12.881 min  
Delta R.T.: -0.009 min  
Response: 2959508  
Conc: 20.13 ug/ml



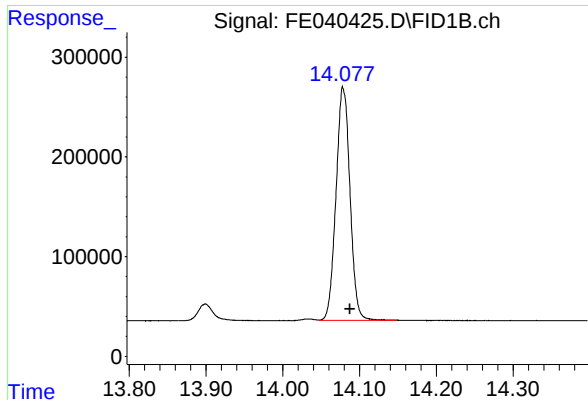
#11 n-Heneicosane (C21)

R.T.: 13.493 min  
Delta R.T.: -0.008 min  
Response: 2973570  
Conc: 20.16 ug/ml



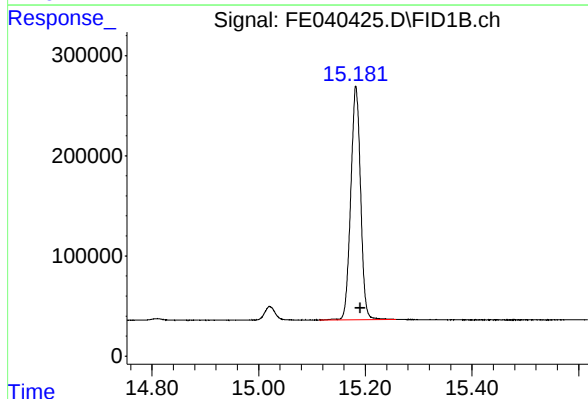
#12 1-chlorooctadecane (SURR)

R.T.: 13.325 min  
Delta R.T.: -0.008 min  
Response: 2497380  
Conc: 20.14 ug/ml



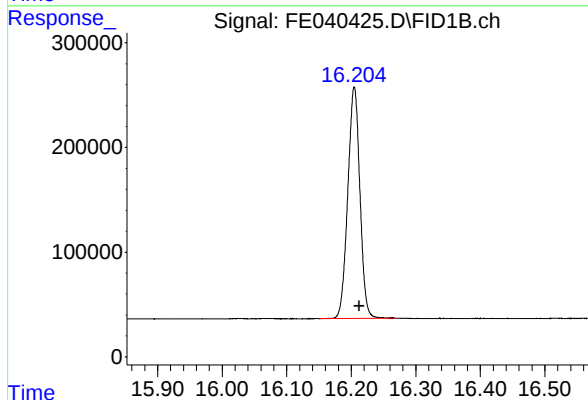
#13 n-Docosane (C22)

R.T.: 14.079 min  
Delta R.T.: -0.009 min  
Response: 2961533  
Conc: 19.99 ug/ml



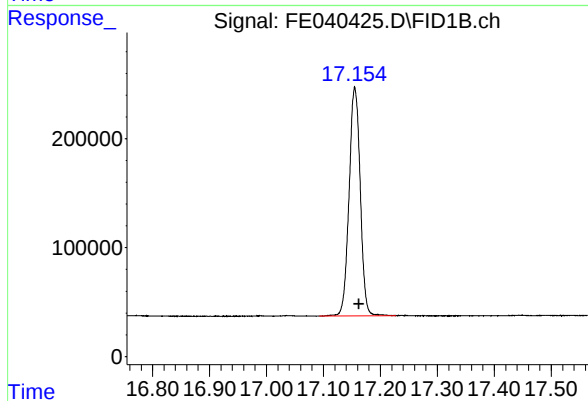
#14 n-Tetracosane (C24)

R.T.: 15.182 min  
Delta R.T.: -0.008 min  
Response: 2975060  
Conc: 19.60 ug/ml



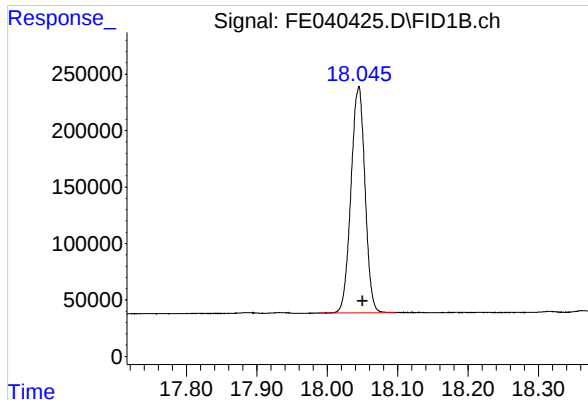
#15 n-Hexacosane (C26)

R.T.: 16.205 min  
Delta R.T.: -0.008 min  
Response: 2884698  
Conc: 19.46 ug/ml



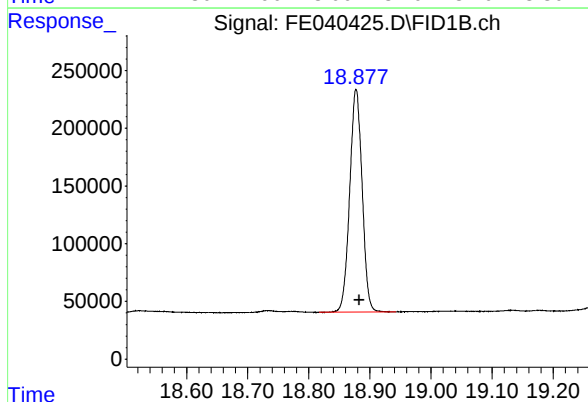
#16 n-Octacosane (C28)

R.T.: 17.155 min  
Delta R.T.: -0.008 min  
Response: 2863174  
Conc: 19.11 ug/ml



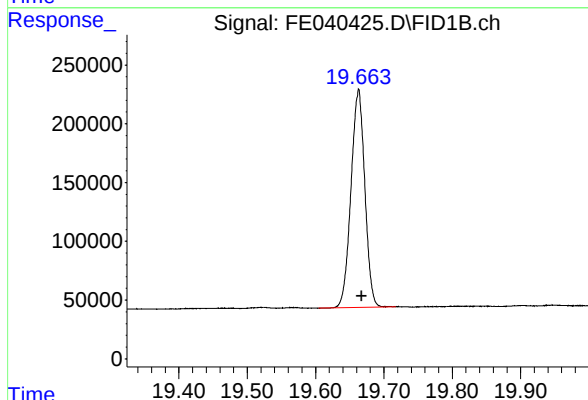
#17 n-Tricontane (C30)

R.T.: 18.045 min  
Delta R.T.: -0.005 min  
Response: 2771989  
Conc: 18.79 ug/ml



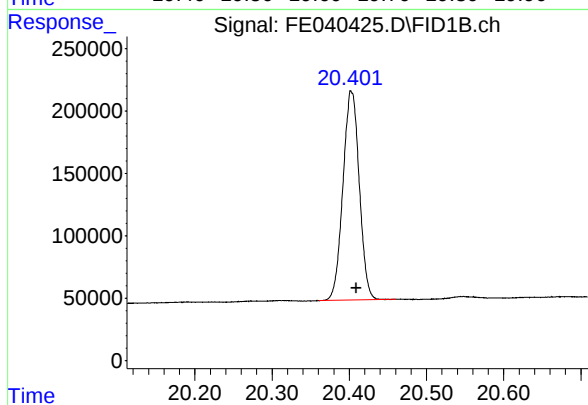
#18 n-Dotriacontane (C32)

R.T.: 18.877 min  
Delta R.T.: -0.005 min  
Response: 2732896  
Conc: 18.66 ug/ml



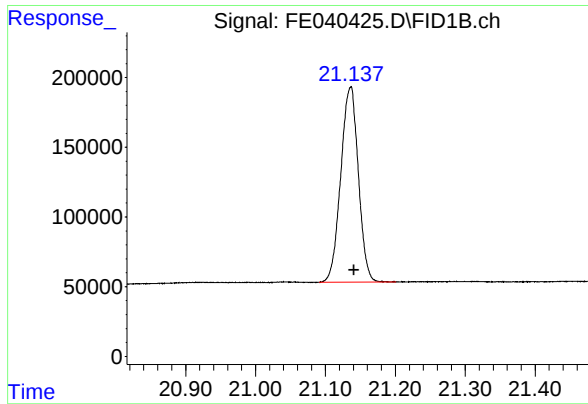
#19 n-Tetatriacontane (C34)

R.T.: 19.663 min  
Delta R.T.: -0.005 min  
Response: 2608014  
Conc: 18.96 ug/ml



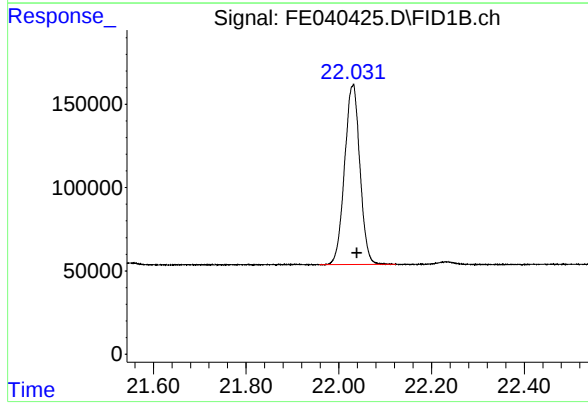
#20 n-Hexatriacontane (C36)

R.T.: 20.403 min  
Delta R.T.: -0.006 min  
Response: 2463479  
Conc: 18.57 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.136 min  
Delta R.T.: -0.005 min  
Response: 2449286  
Conc: 18.88 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.031 min  
Delta R.T.: -0.007 min  
Response: 2478664  
Conc: 18.67 ug/ml