

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032023AL\
 Data File : FE040907.D
 Signal(s) : FID1B.ch
 Acq On : 20 Mar 2023 18:42
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 21 03:05:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022823.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 28 03:05:09 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)	11.867	3281717	17.567 ug/ml
Spiked Amount 50.000		Recovery =	35.13%
12) S 1-chlorooctadecane (S...	13.305	2536472	17.138 ug/ml
Spiked Amount 50.000		Recovery =	34.28%
Target Compounds			
1) T n-Nonane (C9)	3.265	2891240	18.790 ug/ml
2) T n-Decane (C10)	4.513	2910809	19.348 ug/ml
3) T A~Naphthalene (C11.7)	6.216	3168127	19.100 ug/ml
4) T n-Dodecane (C12)	6.677	2952692	19.288 ug/ml
5) T A~2-methylnaphthalene...	7.311	2898068	19.149 ug/ml
6) T n-Tetradecane (C14)	8.503	2973187	19.237 ug/ml
7) T n-Hexadecane (C16)	10.110	3075981	19.044 ug/ml
8) T n-Octadecane (C18)	11.552	3118581	18.367 ug/ml
10) T n-Eicosane (C20)	12.861	3003806	17.756 ug/ml
11) T n-Heneicosane (C21)	13.473	2987231	17.432 ug/ml
13) T n-Docosane (C22)	14.060	2926373	17.082 ug/ml
14) T n-Tetracosane (C24)	15.163	2864776	16.618 ug/ml
15) T n-Hexacosane (C26)	16.187	2744697	16.149 ug/ml
16) T n-Octacosane (C28)	17.136	2758593	16.449 ug/ml
17) T n-Tricontane (C30)	18.025	2896261	17.738 ug/ml
18) T n-Dotriacontane (C32)	18.859	2997694	17.515 ug/ml
19) T n-Tetratriacontane (C34)	19.643	2881207	18.636 ug/ml
20) T n-Hexatriacontane (C36)	20.383	2665002	18.344 ug/ml
21) T n-Octatriacontane (C38)	21.112	2639828	19.205 ug/ml
22) T n-Tetracontane (C40)	22.002	2707004	17.519 ug/ml

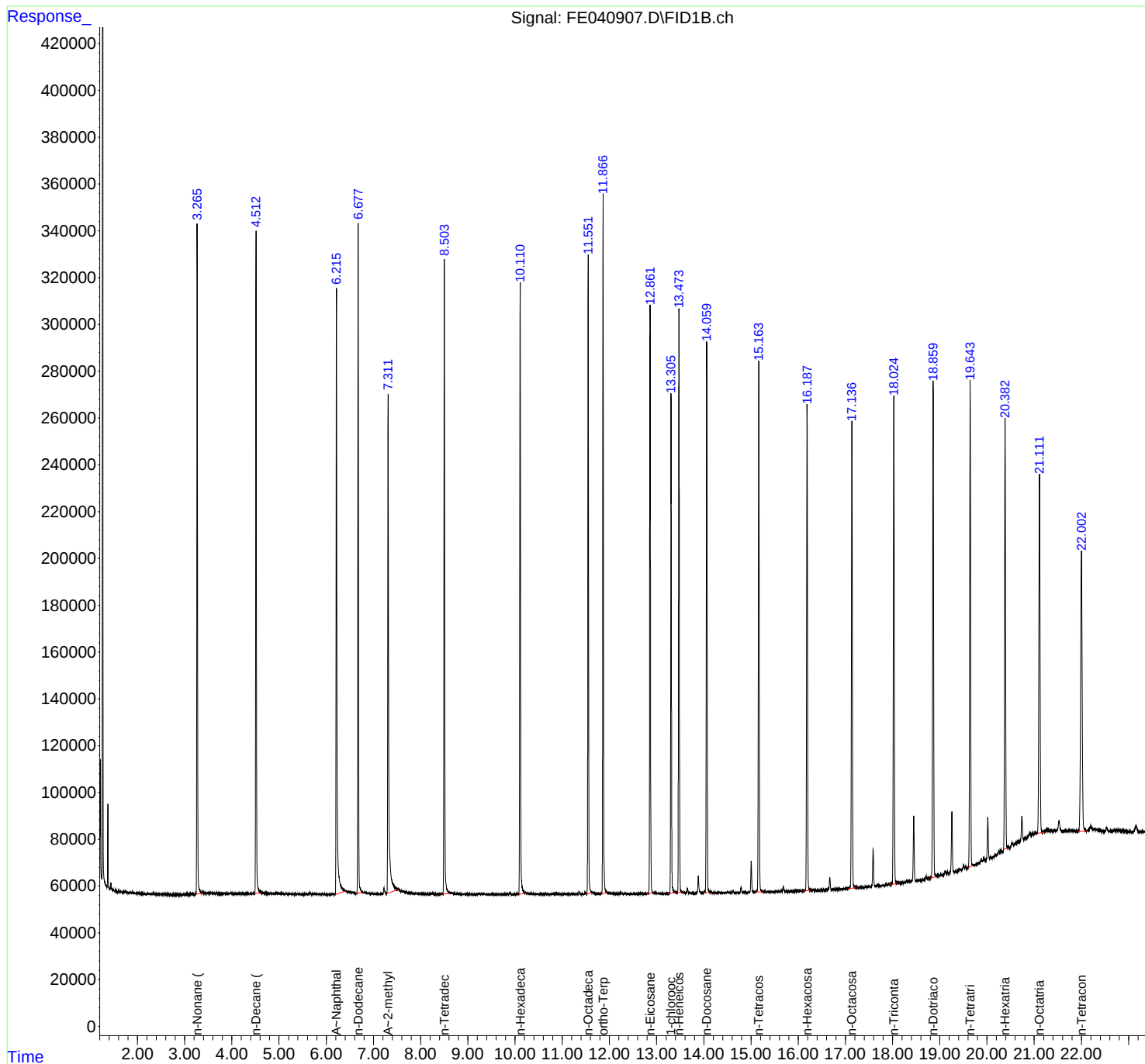
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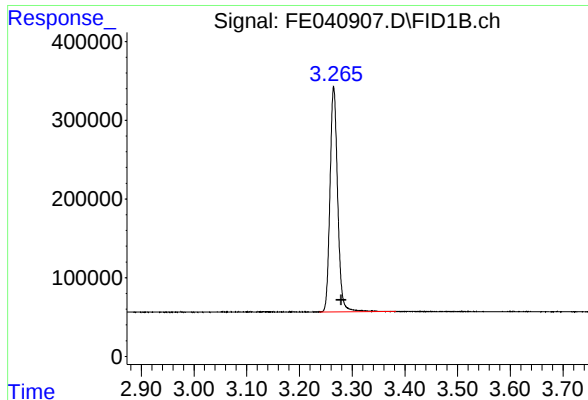
(m)=manual int.

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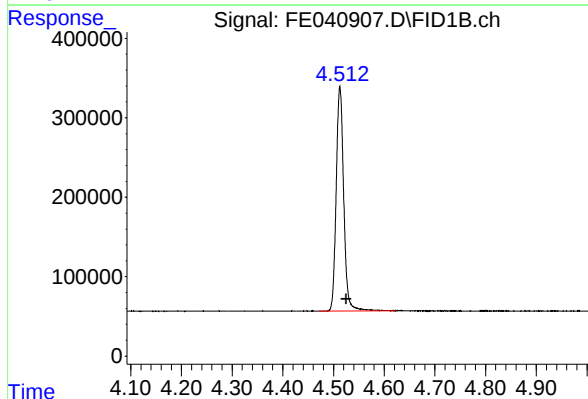
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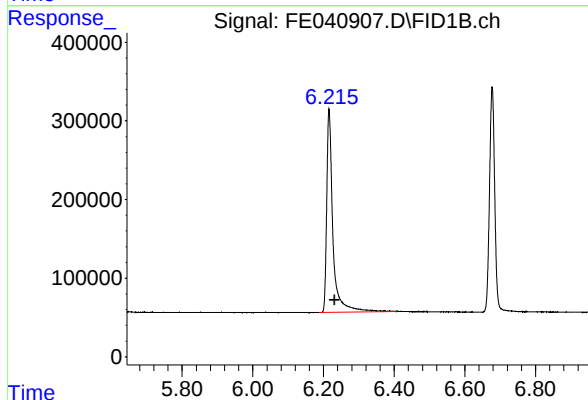
#1 n-Nonane (C9)

R.T.: 3.265 min
Delta R.T.: -0.014 min
Response: 2891240
Conc: 18.79 ug/ml



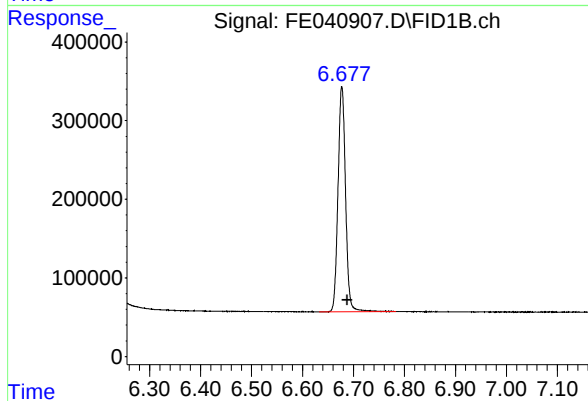
#2 n-Decane (C10)

R.T.: 4.513 min
Delta R.T.: -0.012 min
Response: 2910809
Conc: 19.35 ug/ml



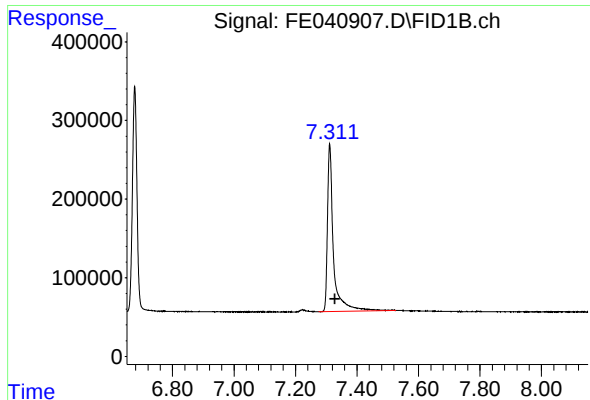
#3 A~Naphthalene (C11.7)

R.T.: 6.216 min
Delta R.T.: -0.016 min
Response: 3168127
Conc: 19.10 ug/ml



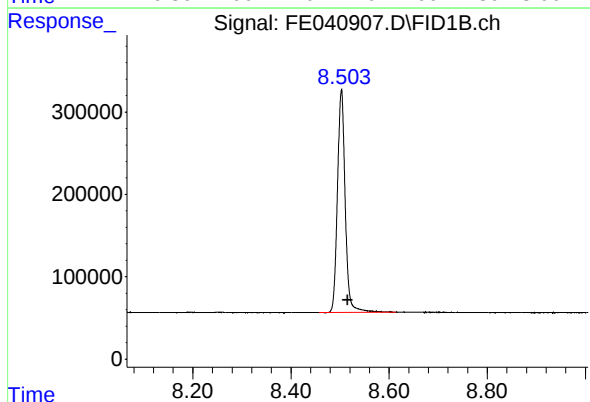
#4 n-Dodecane (C12)

R.T.: 6.677 min
Delta R.T.: -0.010 min
Response: 2952692
Conc: 19.29 ug/ml



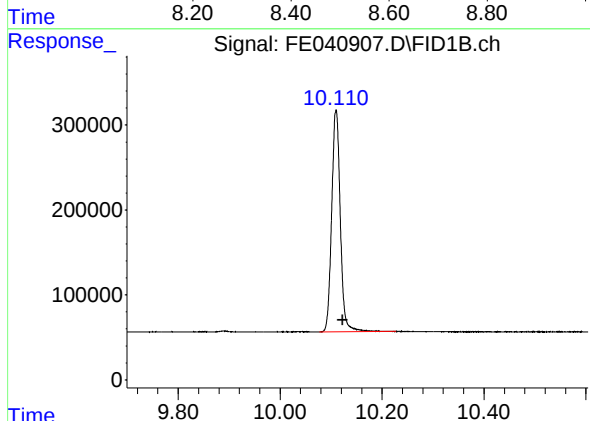
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.311 min
Delta R.T.: -0.017 min
Response: 2898068
Conc: 19.15 ug/ml



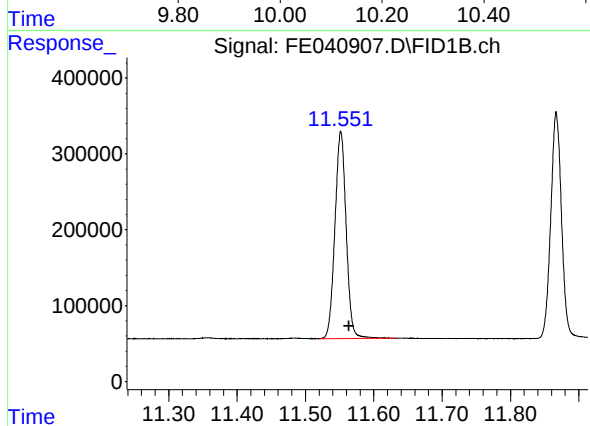
#6 n-Tetradecane (C14)

R.T.: 8.503 min
Delta R.T.: -0.012 min
Response: 2973187
Conc: 19.24 ug/ml



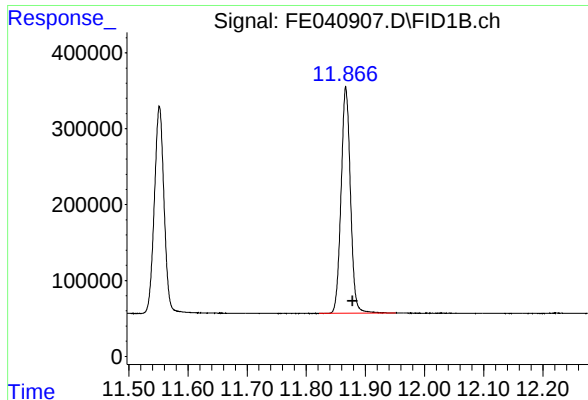
#7 n-Hexadecane (C16)

R.T.: 10.110 min
Delta R.T.: -0.013 min
Response: 3075981
Conc: 19.04 ug/ml



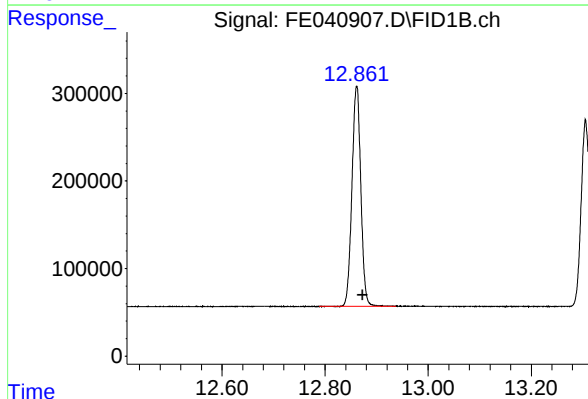
#8 n-Octadecane (C18)

R.T.: 11.552 min
Delta R.T.: -0.012 min
Response: 3118581
Conc: 18.37 ug/ml



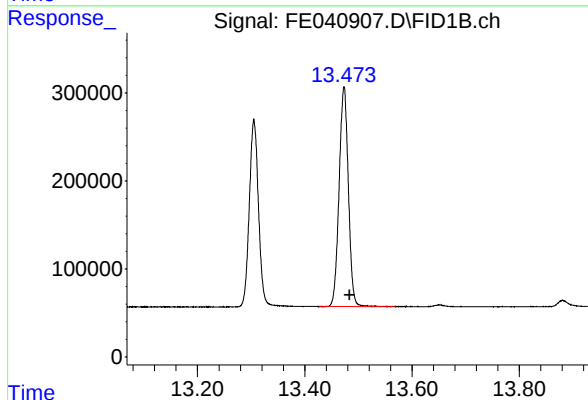
#9 ortho-Terphenyl (SURR)

R.T.: 11.867 min
Delta R.T.: -0.012 min
Response: 3281717
Conc: 17.57 ug/ml



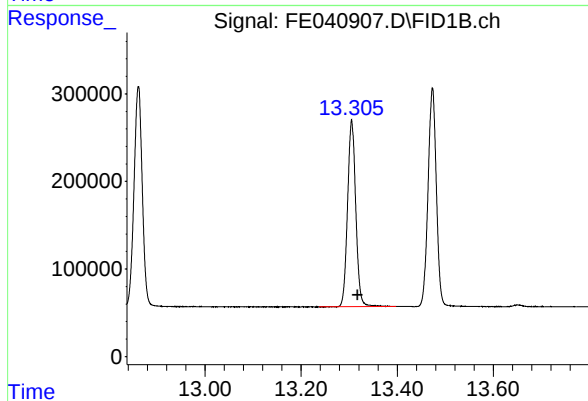
#10 n-Eicosane (C20)

R.T.: 12.861 min
Delta R.T.: -0.011 min
Response: 3003806
Conc: 17.76 ug/ml



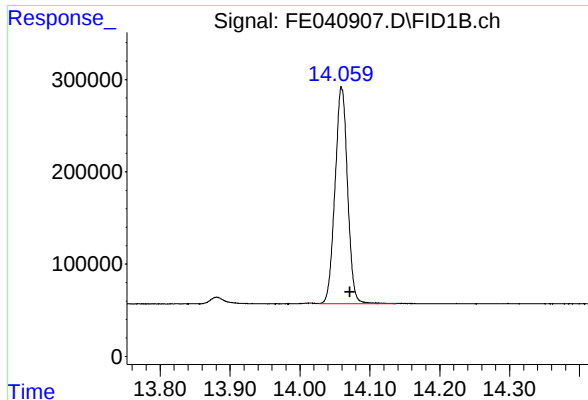
#11 n-Heneicosane (C21)

R.T.: 13.473 min
Delta R.T.: -0.011 min
Response: 2987231
Conc: 17.43 ug/ml



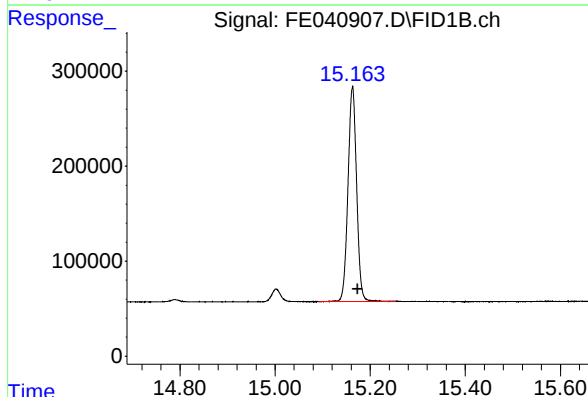
#12 1-chlorooctadecane (SURR)

R.T.: 13.305 min
Delta R.T.: -0.013 min
Response: 2536472
Conc: 17.14 ug/ml



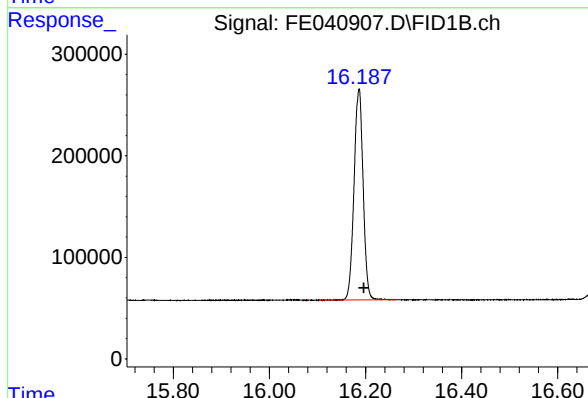
#13 n-Docosane (C22)

R.T.: 14.060 min
Delta R.T.: -0.012 min
Response: 2926373
Conc: 17.08 ug/ml



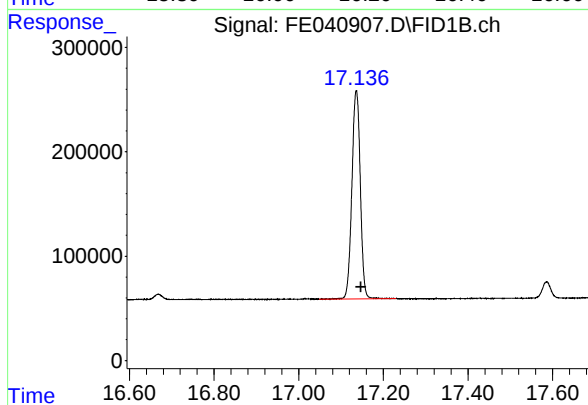
#14 n-Tetracosane (C24)

R.T.: 15.163 min
Delta R.T.: -0.011 min
Response: 2864776
Conc: 16.62 ug/ml



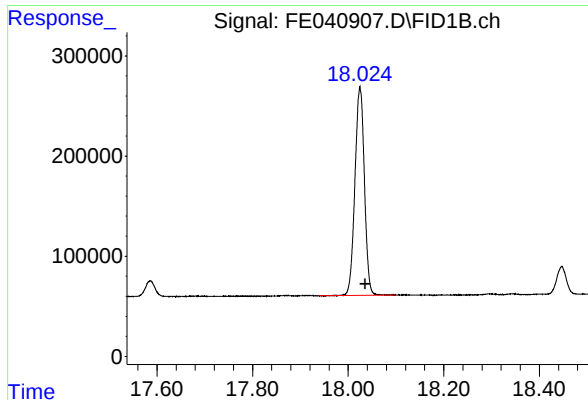
#15 n-Hexacosane (C26)

R.T.: 16.187 min
Delta R.T.: -0.010 min
Response: 2744697
Conc: 16.15 ug/ml



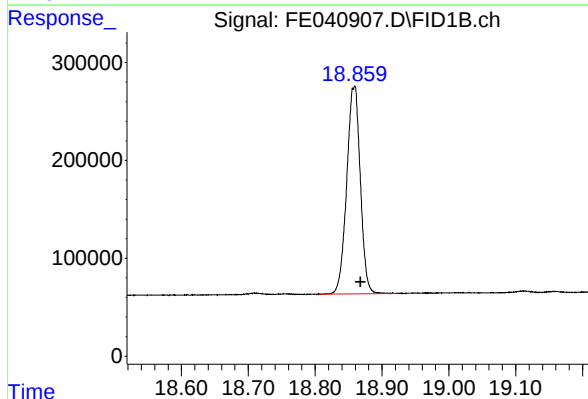
#16 n-Octacosane (C28)

R.T.: 17.136 min
Delta R.T.: -0.011 min
Response: 2758593
Conc: 16.45 ug/ml



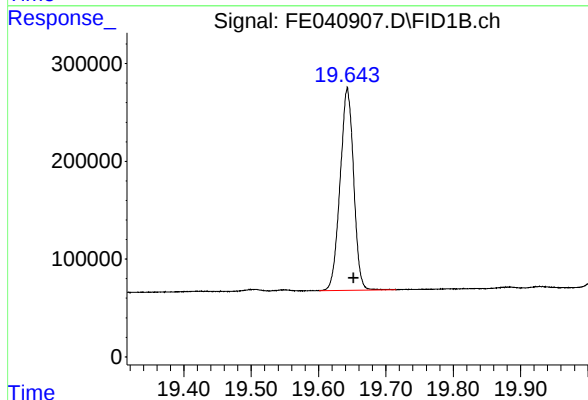
#17 n-Tricontane (C30)

R.T.: 18.025 min
Delta R.T.: -0.011 min
Response: 2896261
Conc: 17.74 ug/ml



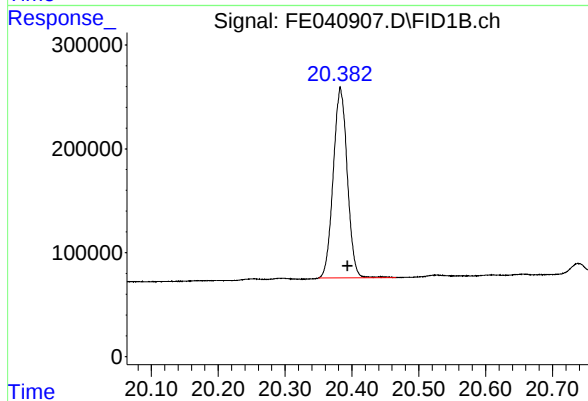
#18 n-Dotriacontane (C32)

R.T.: 18.859 min
Delta R.T.: -0.009 min
Response: 2997694
Conc: 17.52 ug/ml



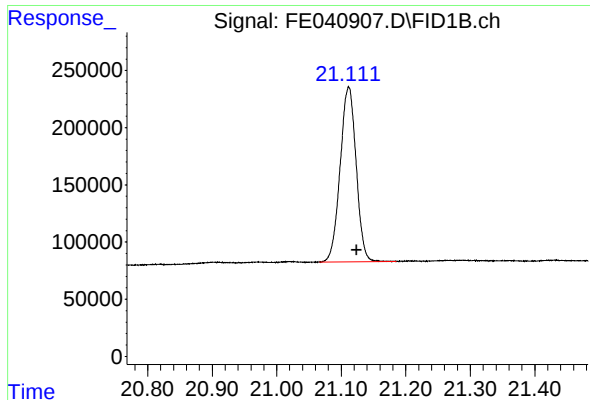
#19 n-Tetatriacontane (C34)

R.T.: 19.643 min
Delta R.T.: -0.009 min
Response: 2881207
Conc: 18.64 ug/ml



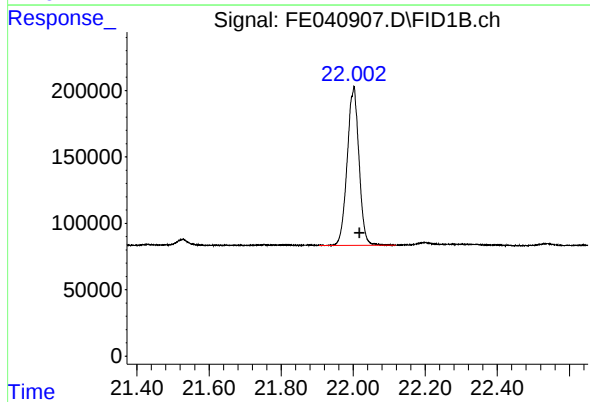
#20 n-Hexatriacontane (C36)

R.T.: 20.383 min
Delta R.T.: -0.010 min
Response: 2665002
Conc: 18.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.112 min
Delta R.T.: -0.012 min
Response: 2639828
Conc: 19.20 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.002 min
Delta R.T.: -0.016 min
Response: 2707004
Conc: 17.52 ug/ml