

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071722AL\
 Data File : FE036530.D
 Signal(s) : FID1B.ch
 Acq On : 15 Jul 2022 21:41
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 18 01:36:49 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071722.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 18 01:36:11 2022
 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)	11.859	17352497	92.794 ug/ml
Spiked Amount 50.000		Recovery =	185.59%
12) S 1-chlorooctadecane (S...	13.296	14211142	92.648 ug/ml
Spiked Amount 50.000		Recovery =	185.30%
Target Compounds			
1) T n-Nonane (C9)	3.244	14371805	93.547 ug/ml
2) T n-Decane (C10)	4.499	14446824	93.751 ug/ml
3) T A~Naphthalene (C11.7)	6.200	16238910	94.601 ug/ml
4) T n-Dodecane (C12)	6.668	14796691	94.023 ug/ml
5) T A~2-methylnaphthalene...	7.298	16481410	95.255 ug/ml
6) T n-Tetradecane (C14)	8.496	15206465	93.302 ug/ml
7) T n-Hexadecane (C16)	10.102	15438496	93.348 ug/ml
8) T n-Octadecane (C18)	11.545	15793457	92.443 ug/ml
10) T n-Eicosane (C20)	12.853	15753774	92.071 ug/ml
11) T n-Heneicosane (C21)	13.464	15872806	92.110 ug/ml
13) T n-Docosane (C22)	14.050	15846070	92.123 ug/ml
14) T n-Tetracosane (C24)	15.153	15823845	91.905 ug/ml
15) T n-Hexacosane (C26)	16.174	15521200	91.796 ug/ml
16) T n-Octacosane (C28)	17.125	15147687	91.635 ug/ml
17) T n-Tricontane (C30)	18.010	14041292	91.468 ug/ml
18) T n-Dotriacontane (C32)	18.840	11033043	91.226 ug/ml
19) T n-Tetratriacontane (C34)	19.621	7713746	92.322 ug/ml
20) T n-Hexatriacontane (C36)	20.360	5655959	97.187 ug/ml
21) T n-Octatriacontane (C38)	21.083	4681906	93.598 ug/ml
22) T n-Tetracontane (C40)	21.968	4501585	88.985 ug/ml

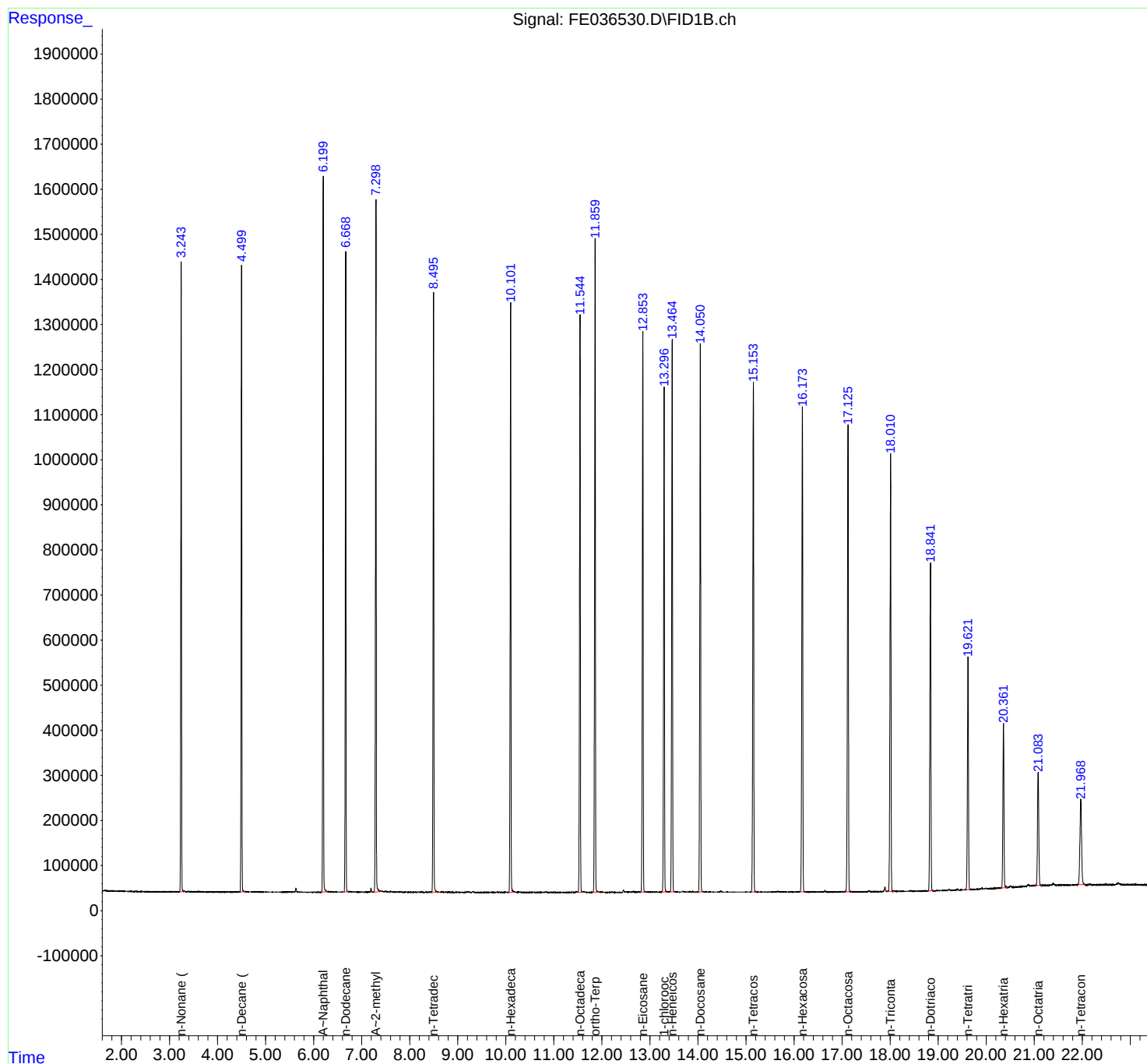
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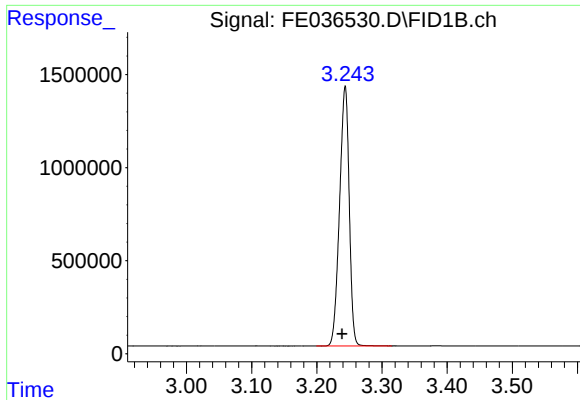
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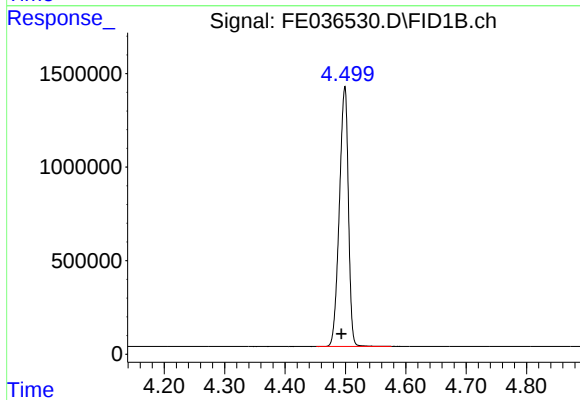
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Signal Info : 20M x 0.18mm x 0.18um





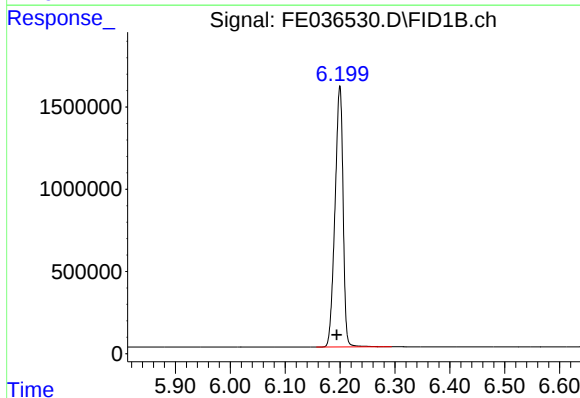
#1 n-Nonane (C9)

R.T.: 3.244 min
Delta R.T.: 0.005 min
Response: 14371805
Conc: 93.55 ug/ml



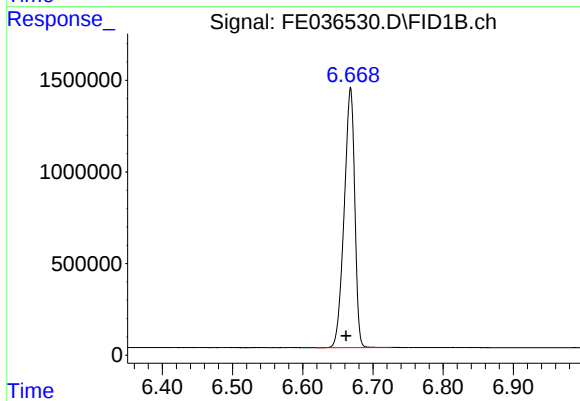
#2 n-Decane (C10)

R.T.: 4.499 min
Delta R.T.: 0.005 min
Response: 14446824
Conc: 93.75 ug/ml



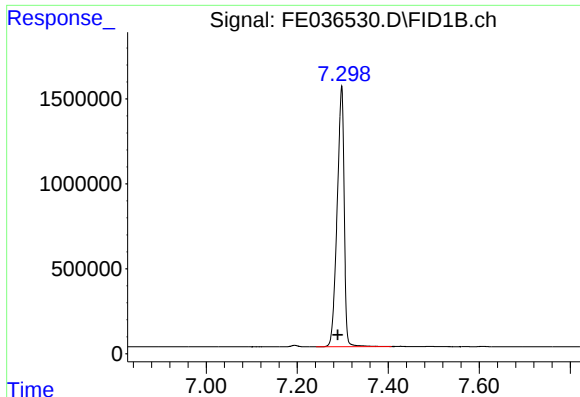
#3 A~Naphthalene (C11.7)

R.T.: 6.200 min
Delta R.T.: 0.006 min
Response: 16238910
Conc: 94.60 ug/ml



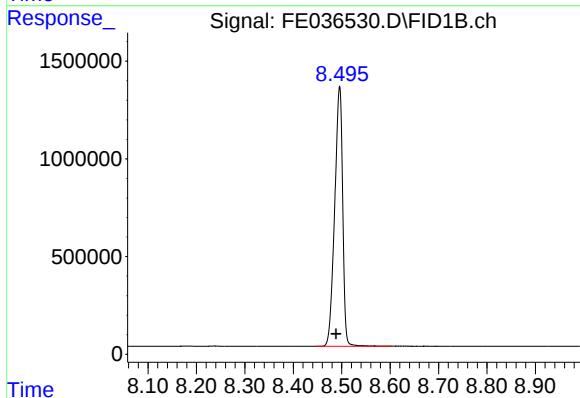
#4 n-Dodecane (C12)

R.T.: 6.668 min
Delta R.T.: 0.006 min
Response: 14796691
Conc: 94.02 ug/ml



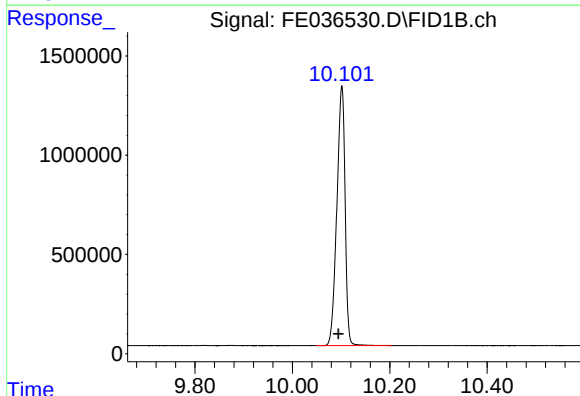
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.298 min
Delta R.T.: 0.008 min
Response: 16481410
Conc: 95.26 ug/ml



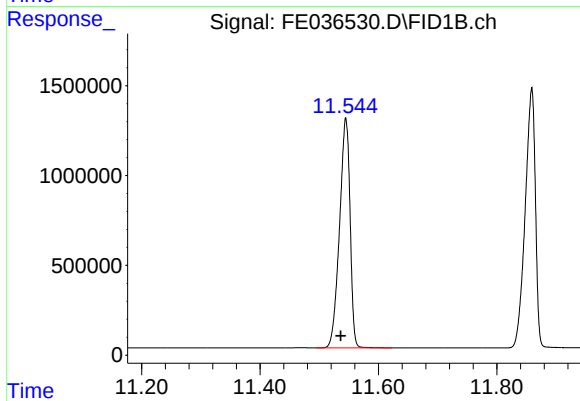
#6 n-Tetradecane (C14)

R.T.: 8.496 min
Delta R.T.: 0.007 min
Response: 15206465
Conc: 93.30 ug/ml



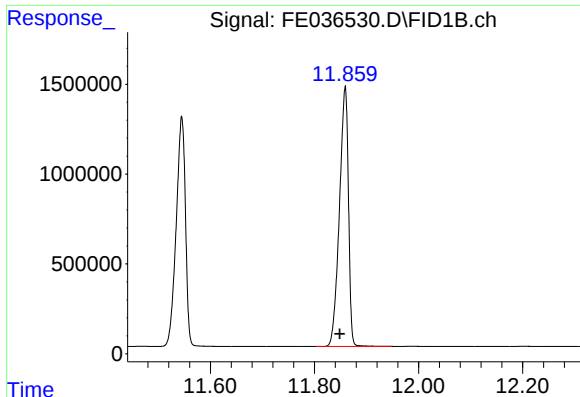
#7 n-Hexadecane (C16)

R.T.: 10.102 min
Delta R.T.: 0.007 min
Response: 15438496
Conc: 93.35 ug/ml



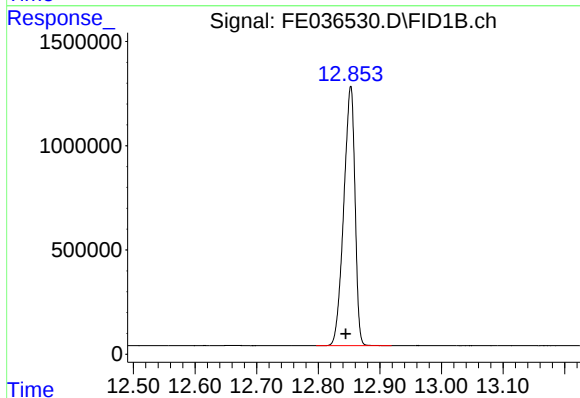
#8 n-Octadecane (C18)

R.T.: 11.545 min
Delta R.T.: 0.009 min
Response: 15793457
Conc: 92.44 ug/ml



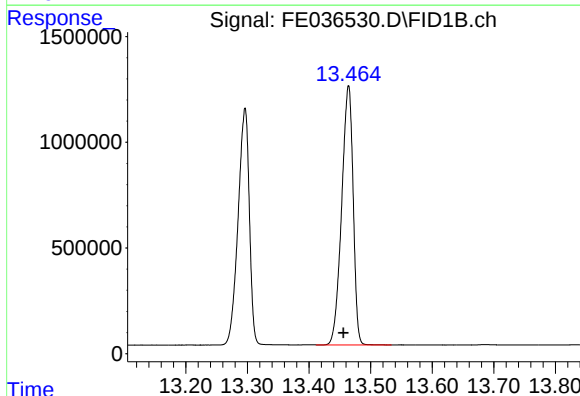
#9 ortho-Terphenyl (SURR)

R.T.: 11.859 min
Delta R.T.: 0.011 min
Response: 17352497
Conc: 92.79 ug/ml



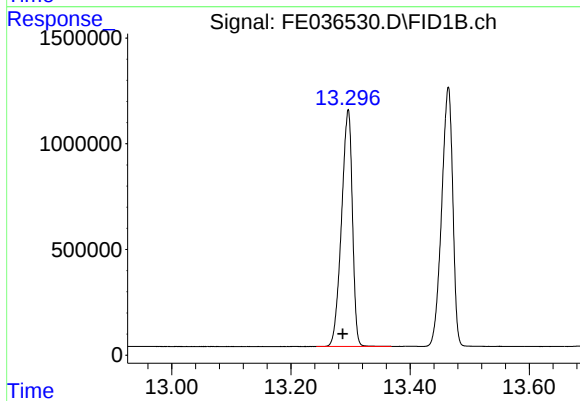
#10 n-Eicosane (C20)

R.T.: 12.853 min
Delta R.T.: 0.008 min
Response: 15753774
Conc: 92.07 ug/ml



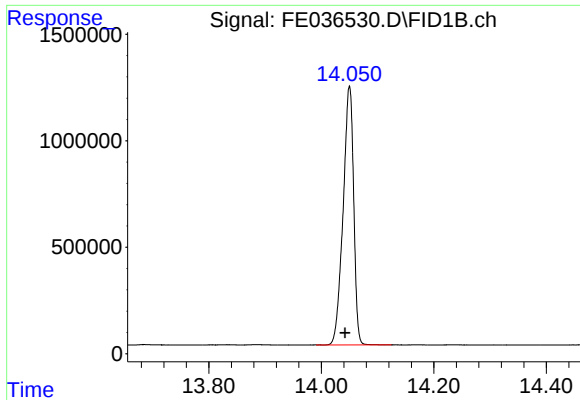
#11 n-Heneicosane (C21)

R.T.: 13.464 min
Delta R.T.: 0.008 min
Response: 15872806
Conc: 92.11 ug/ml



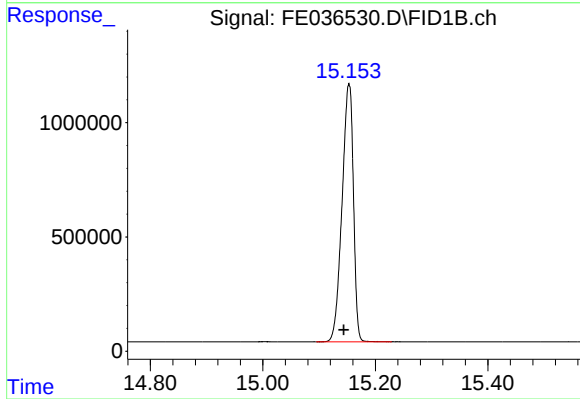
#12 1-chlorooctadecane (SURR)

R.T.: 13.296 min
Delta R.T.: 0.009 min
Response: 14211142
Conc: 92.65 ug/ml



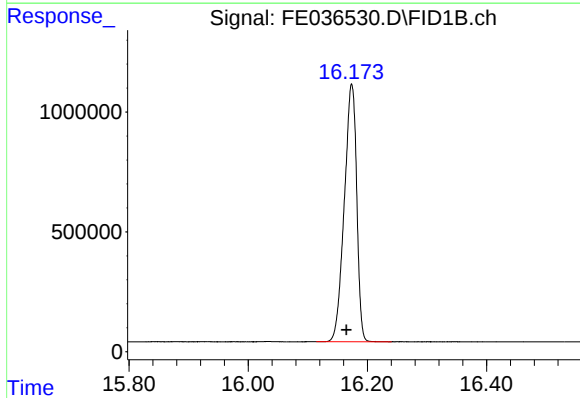
#13 n-Docosane (C22)

R.T.: 14.050 min
Delta R.T.: 0.008 min
Response: 15846070
Conc: 92.12 ug/ml



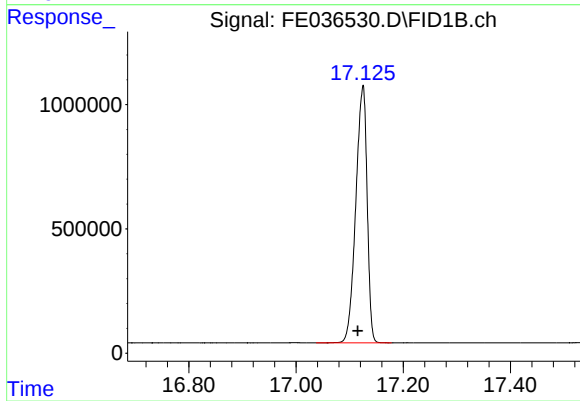
#14 n-Tetracosane (C24)

R.T.: 15.153 min
Delta R.T.: 0.009 min
Response: 15823845
Conc: 91.91 ug/ml



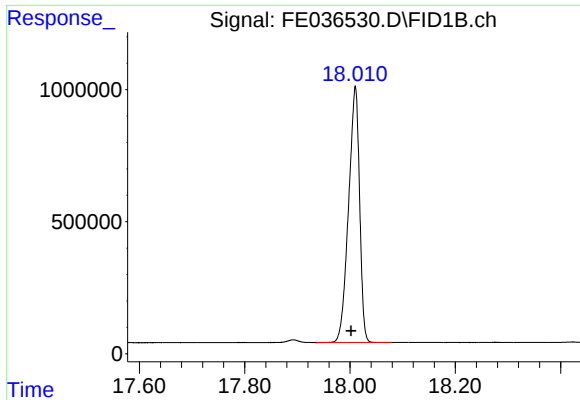
#15 n-Hexacosane (C26)

R.T.: 16.174 min
Delta R.T.: 0.009 min
Response: 15521200
Conc: 91.80 ug/ml



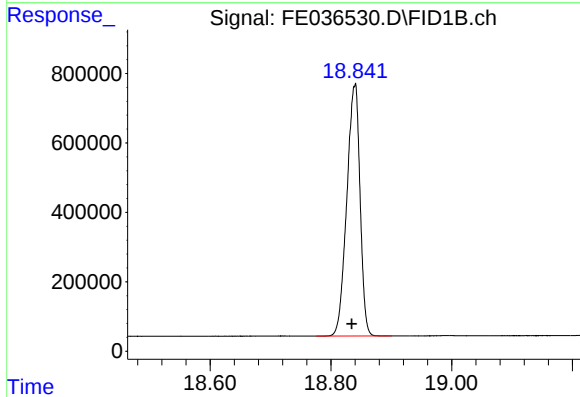
#16 n-Octacosane (C28)

R.T.: 17.125 min
Delta R.T.: 0.010 min
Response: 15147687
Conc: 91.63 ug/ml



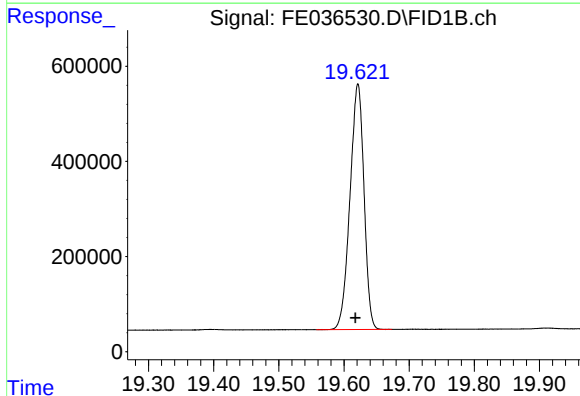
#17 n-Tricontane (C30)

R.T.: 18.010 min
Delta R.T.: 0.008 min
Response: 14041292
Conc: 91.47 ug/ml



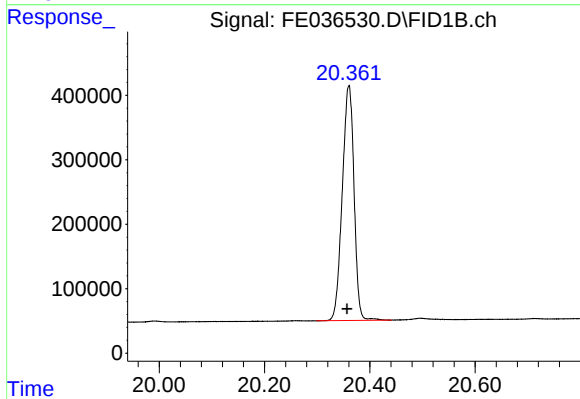
#18 n-Dotriacontane (C32)

R.T.: 18.840 min
Delta R.T.: 0.006 min
Response: 11033043
Conc: 91.23 ug/ml



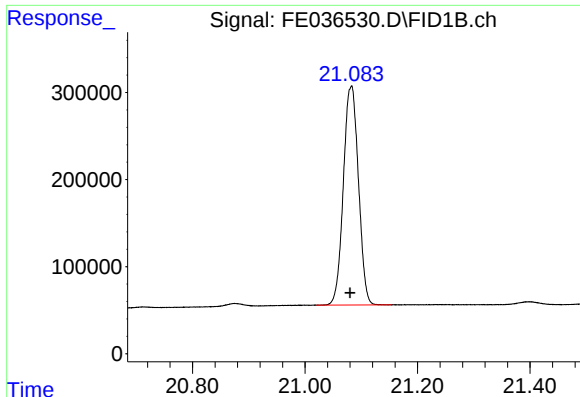
#19 n-Tetratriacontane (C34)

R.T.: 19.621 min
Delta R.T.: 0.004 min
Response: 7713746
Conc: 92.32 ug/ml



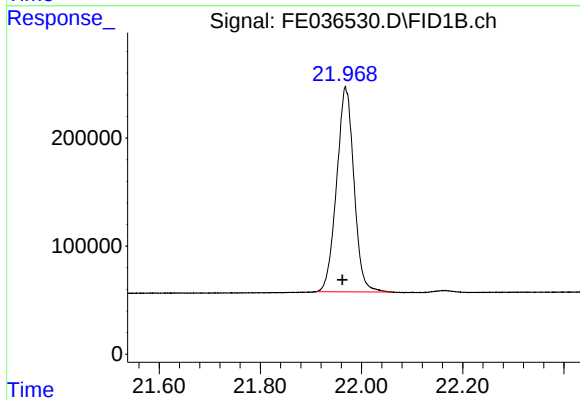
#20 n-Hexatriacontane (C36)

R.T.: 20.360 min
Delta R.T.: 0.004 min
Response: 5655959
Conc: 97.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.083 min
Delta R.T.: 0.002 min
Response: 4681906
Conc: 93.60 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.968 min
Delta R.T.: 0.006 min
Response: 4501585
Conc: 88.99 ug/ml