

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071822AL\
 Data File : FE036570.D
 Signal(s) : FID1B.ch
 Acq On : 19 Jul 2022 08:59
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 19 09:36:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071722.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 18 02:35:21 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	3902059	20.951 ug/ml
Spiked Amount 50.000		Recovery =	41.90%
12) S 1-chlorooctadecane (S...	13.298	3121703	20.518 ug/ml
Spiked Amount 50.000		Recovery =	41.04%
Target Compounds			
1) T n-Nonane (C9)	3.242	3505803	22.742 ug/ml
2) T n-Decane (C10)	4.497	3524717	22.866 ug/ml
3) T A~Naphthalene (C11.7)	6.200	3918722	22.932 ug/ml
4) T n-Dodecane (C12)	6.666	3594690	22.888 ug/ml
5) T A~2-methylnaphthalene...	7.297	3925177	22.838 ug/ml
6) T n-Tetradecane (C14)	8.494	3667040	22.462 ug/ml
7) T n-Hexadecane (C16)	10.102	3642943	22.102 ug/ml
8) T n-Octadecane (C18)	11.545	3650753	21.481 ug/ml
10) T n-Eicosane (C20)	12.854	3541873	20.822 ug/ml
11) T n-Heneicosane (C21)	13.466	3518437	20.557 ug/ml
13) T n-Docosane (C22)	14.052	3453012	20.224 ug/ml
14) T n-Tetracosane (C24)	15.156	3347801	19.639 ug/ml
15) T n-Hexacosane (C26)	16.176	3218979	19.254 ug/ml
16) T n-Octacosane (C28)	17.128	3119938	19.102 ug/ml
17) T n-Tricontane (C30)	18.017	2921618	19.226 ug/ml
18) T n-Dotriacontane (C32)	18.850	2346367	19.509 ug/ml
19) T n-Tetratriacontane (C34)	19.632	1710729	20.543 ug/mlm
20) T n-Hexatriacontane (C36)	20.374	1317187	22.433 ug/mlm
21) T n-Octatriacontane (C38)	21.101	1061184	21.165 ug/mlm
22) T n-Tetracontane (C40)	21.989	1316112	25.485 ug/mlm

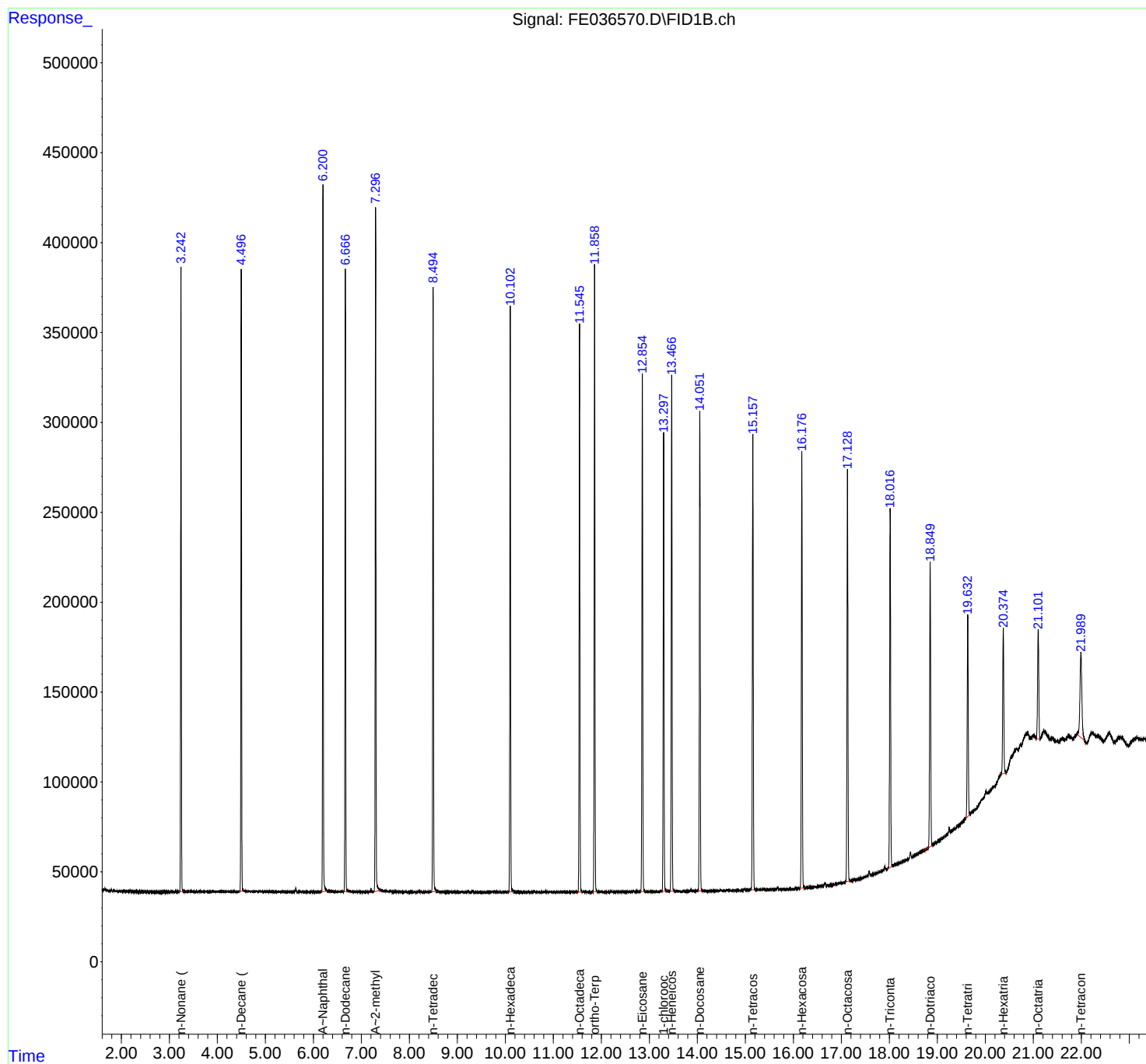
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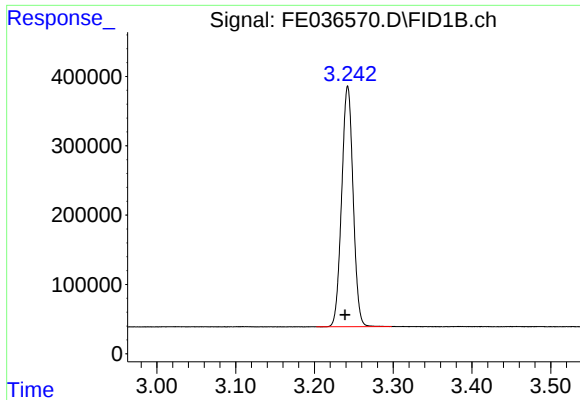
(m)=manual int.

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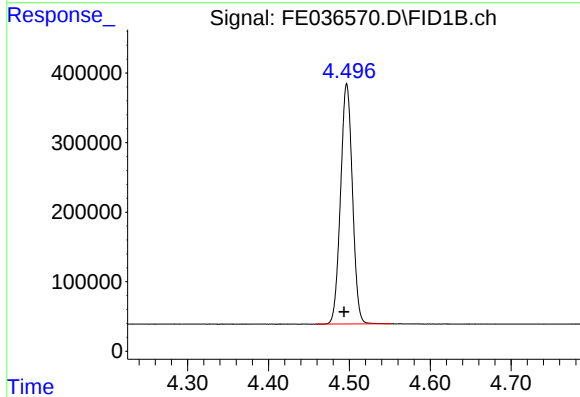
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Signal Info : 20M x 0.18mm x 0.18um





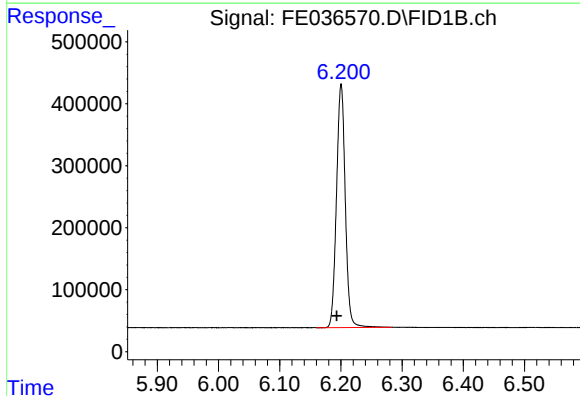
#1 n-Nonane (C9)

R.T.: 3.242 min
Delta R.T.: 0.003 min
Response: 3505803
Conc: 22.74 ug/ml



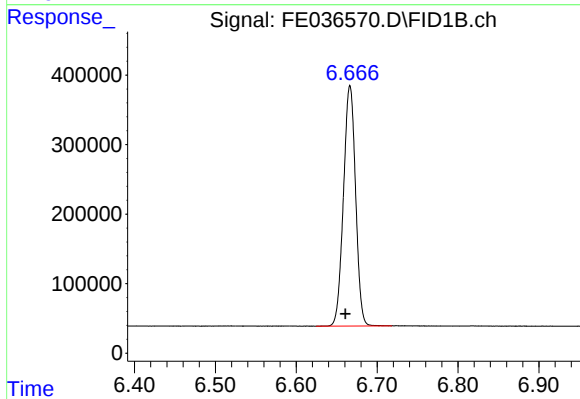
#2 n-Decane (C10)

R.T.: 4.497 min
Delta R.T.: 0.004 min
Response: 3524717
Conc: 22.87 ug/ml



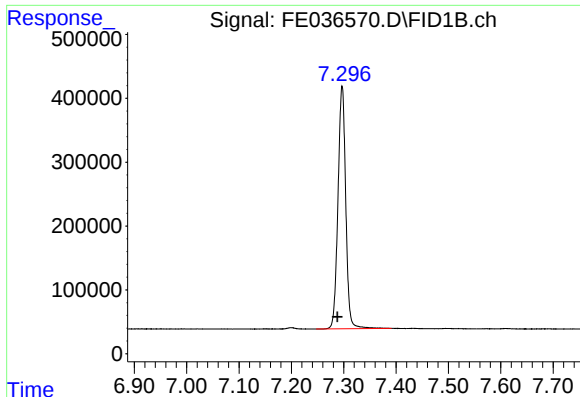
#3 A~Naphthalene (C11.7)

R.T.: 6.200 min
Delta R.T.: 0.007 min
Response: 3918722
Conc: 22.93 ug/ml



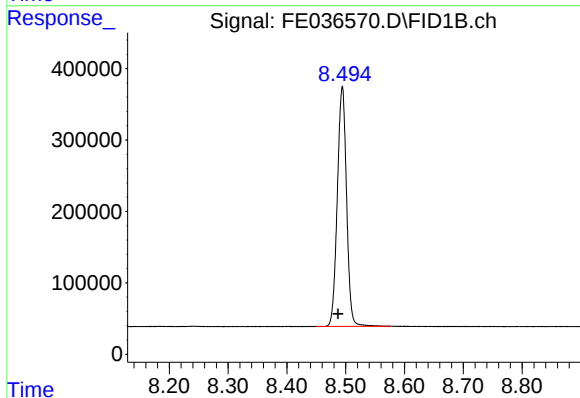
#4 n-Dodecane (C12)

R.T.: 6.666 min
Delta R.T.: 0.006 min
Response: 3594690
Conc: 22.89 ug/ml



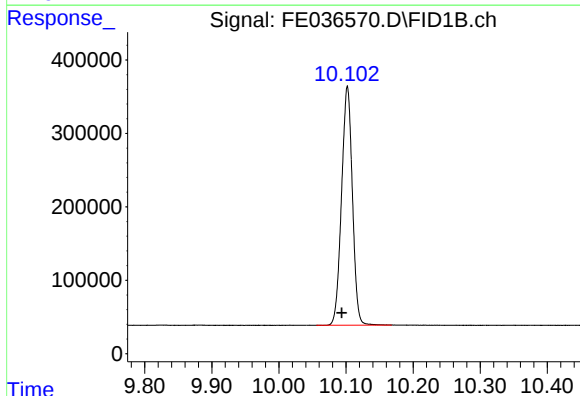
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.297 min
Delta R.T.: 0.009 min
Response: 3925177
Conc: 22.84 ug/ml



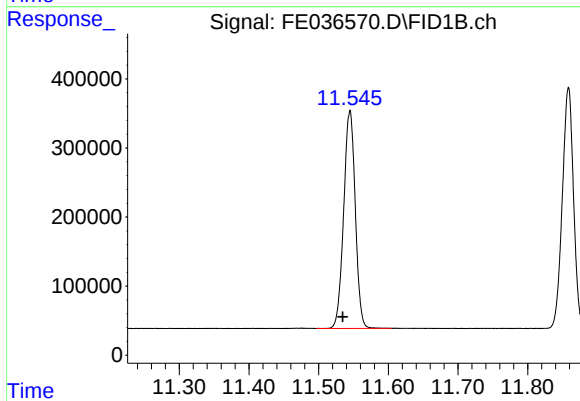
#6 n-Tetradecane (C14)

R.T.: 8.494 min
Delta R.T.: 0.007 min
Response: 3667040
Conc: 22.46 ug/ml



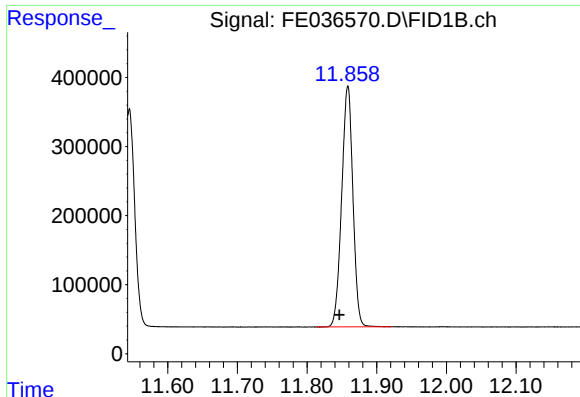
#7 n-Hexadecane (C16)

R.T.: 10.102 min
Delta R.T.: 0.008 min
Response: 3642943
Conc: 22.10 ug/ml



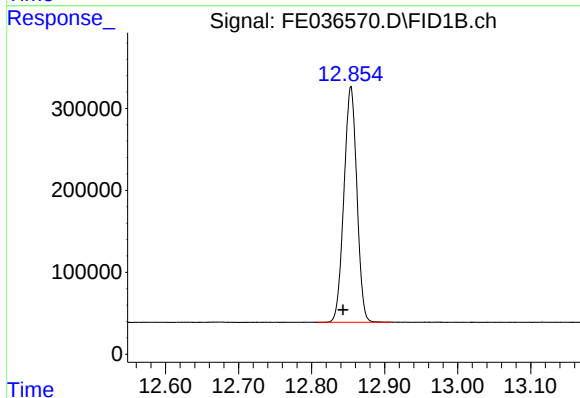
#8 n-Octadecane (C18)

R.T.: 11.545 min
Delta R.T.: 0.010 min
Response: 3650753
Conc: 21.48 ug/ml



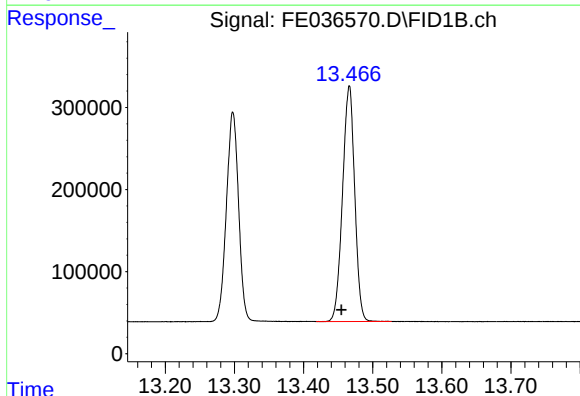
#9 ortho-Terphenyl (SURR)

R.T.: 11.859 min
Delta R.T.: 0.012 min
Response: 3902059
Conc: 20.95 ug/ml



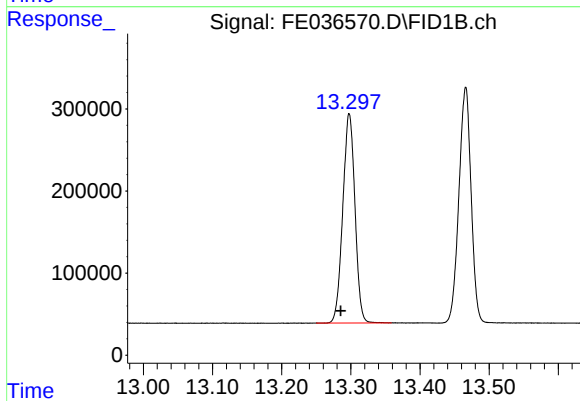
#10 n-Eicosane (C20)

R.T.: 12.854 min
Delta R.T.: 0.011 min
Response: 3541873
Conc: 20.82 ug/ml



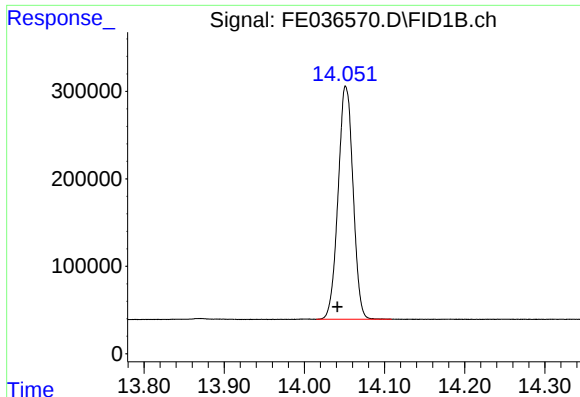
#11 n-Heneicosane (C21)

R.T.: 13.466 min
Delta R.T.: 0.011 min
Response: 3518437
Conc: 20.56 ug/ml



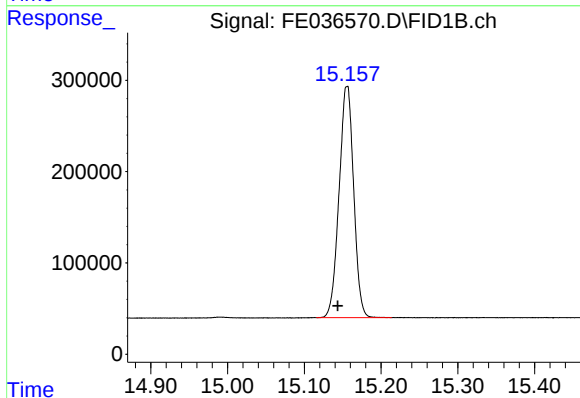
#12 1-chlorooctadecane (SURR)

R.T.: 13.298 min
Delta R.T.: 0.012 min
Response: 3121703
Conc: 20.52 ug/ml



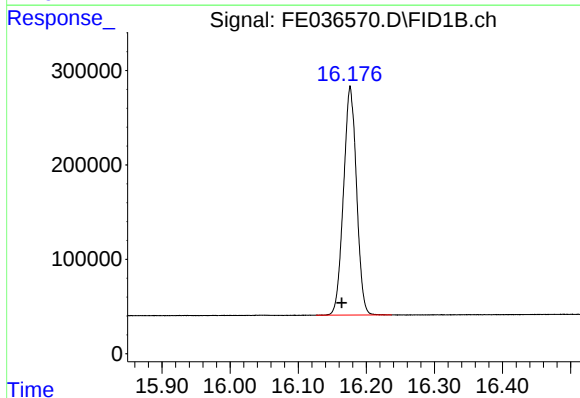
#13 n-Docosane (C22)

R.T.: 14.052 min
Delta R.T.: 0.011 min
Response: 3453012
Conc: 20.22 ug/ml



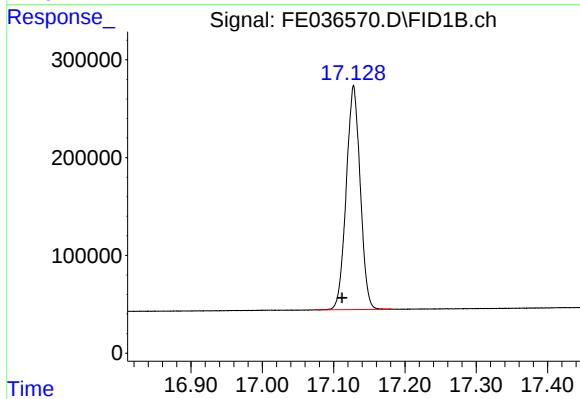
#14 n-Tetracosane (C24)

R.T.: 15.156 min
Delta R.T.: 0.012 min
Response: 3347801
Conc: 19.64 ug/ml



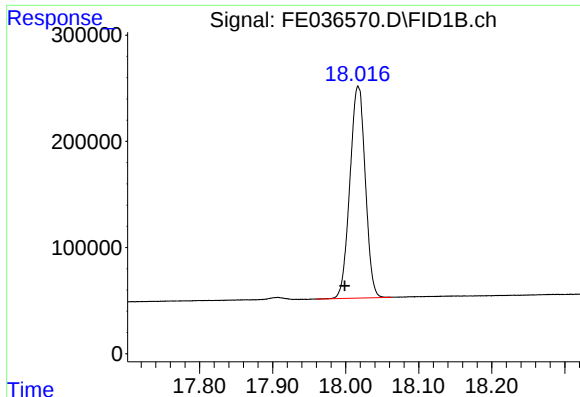
#15 n-Hexacosane (C26)

R.T.: 16.176 min
Delta R.T.: 0.012 min
Response: 3218979
Conc: 19.25 ug/ml



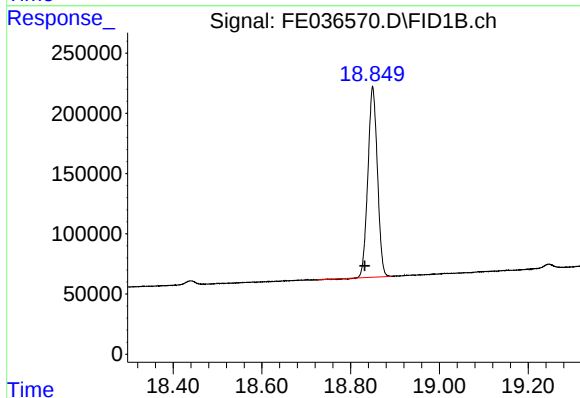
#16 n-Octacosane (C28)

R.T.: 17.128 min
Delta R.T.: 0.016 min
Response: 3119938
Conc: 19.10 ug/ml



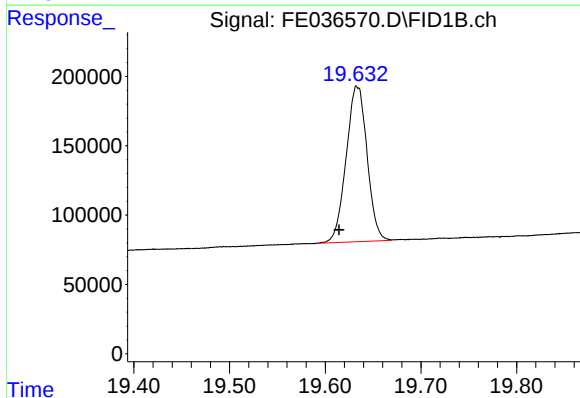
#17 n-Tricontane (C30)

R.T.: 18.017 min
Delta R.T.: 0.018 min
Response: 2921618
Conc: 19.23 ug/ml



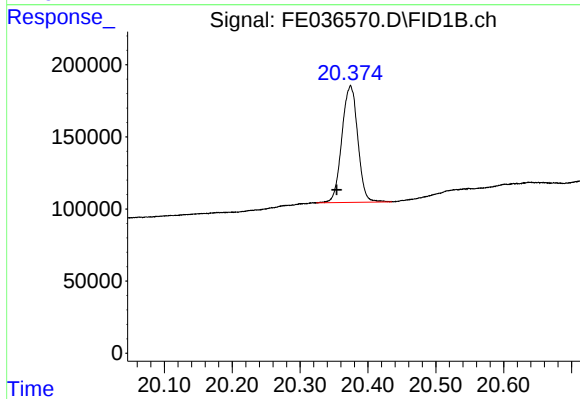
#18 n-Dotriacontane (C32)

R.T.: 18.850 min
Delta R.T.: 0.018 min
Response: 2346367
Conc: 19.51 ug/ml



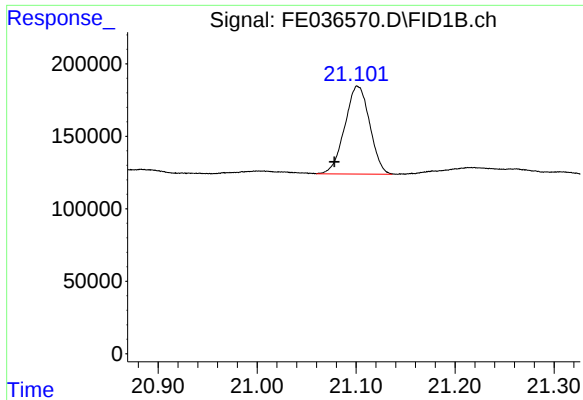
#19 n-Tetratriacontane (C34)

R.T.: 19.632 min
Delta R.T.: 0.017 min
Response: 1710729
Conc: 20.54 ug/ml m



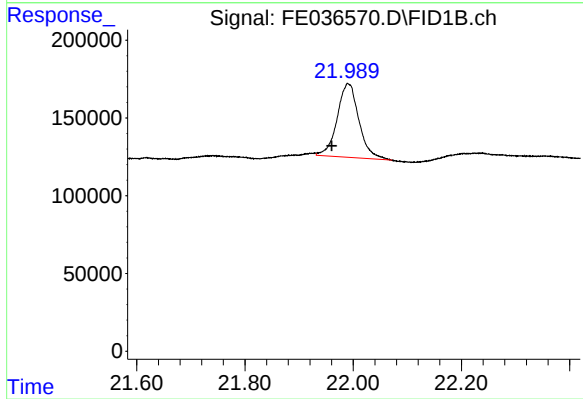
#20 n-Hexatriacontane (C36)

R.T.: 20.374 min
Delta R.T.: 0.020 min
Response: 1317187
Conc: 22.43 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.101 min
Delta R.T.: 0.022 min
Response: 1061184
Conc: 21.17 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.989 min
Delta R.T.: 0.028 min
Response: 1316112
Conc: 25.49 ug/ml m