

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082322AL\
 Data File : FE037197.D
 Signal(s) : FID1B.ch
 Acq On : 23 Aug 2022 12:05
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 23 13:46:47 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 23 13:45:03 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)	11.716	16293432	95.428 ug/ml
Spiked Amount 50.000		Recovery =	190.86%
12) S 1-chlorooctadecane (S...	13.132	12866762	95.495 ug/ml
Spiked Amount 50.000		Recovery =	190.99%
Target Compounds			
1) T n-Nonane (C9)	3.093	14287513	96.567 ug/ml
2) T n-Decane (C10)	4.349	14412184	96.788 ug/ml
3) T A~Naphthalene (C11.7)	6.073	15121209	106.119 ug/ml
4) T n-Dodecane (C12)	6.520	14654607	95.866 ug/ml
5) T A~2-methylnaphthalene...	7.168	14979107	113.268 ug/ml
6) T n-Tetradecane (C14)	9.943	14879889	95.625 ug/ml
7) T n-Hexadecane (C16)	9.943	14879889	95.625 ug/ml
8) T n-Octadecane (C18)	11.382	15130470	95.379 ug/ml
10) T n-Eicosane (C20)	12.685	15287284	94.705 ug/ml
11) T n-Heneicosane (C21)	13.295	15361244	94.621 ug/ml
13) T n-Docosane (C22)	13.879	15401970	94.438 ug/ml
14) T n-Tetracosane (C24)	14.977	15338540	94.349 ug/ml
15) T n-Hexacosane (C26)	15.995	15194313	94.315 ug/ml
16) T n-Octacosane (C28)	16.941	14826995	93.933 ug/ml
17) T n-Tricontane (C30)	17.826	14566429	94.183 ug/ml
18) T n-Dotriacontane (C32)	18.655	14060977	93.933 ug/ml
19) T n-Tetratriacontane (C34)	19.435	12913530	95.214 ug/ml
20) T n-Hexatriacontane (C36)	20.173	12521855	95.829 ug/ml
21) T n-Octatriacontane (C38)	20.874	11732492	97.253 ug/ml
22) T n-Tetracontane (C40)	21.682	11296733	95.388 ug/ml

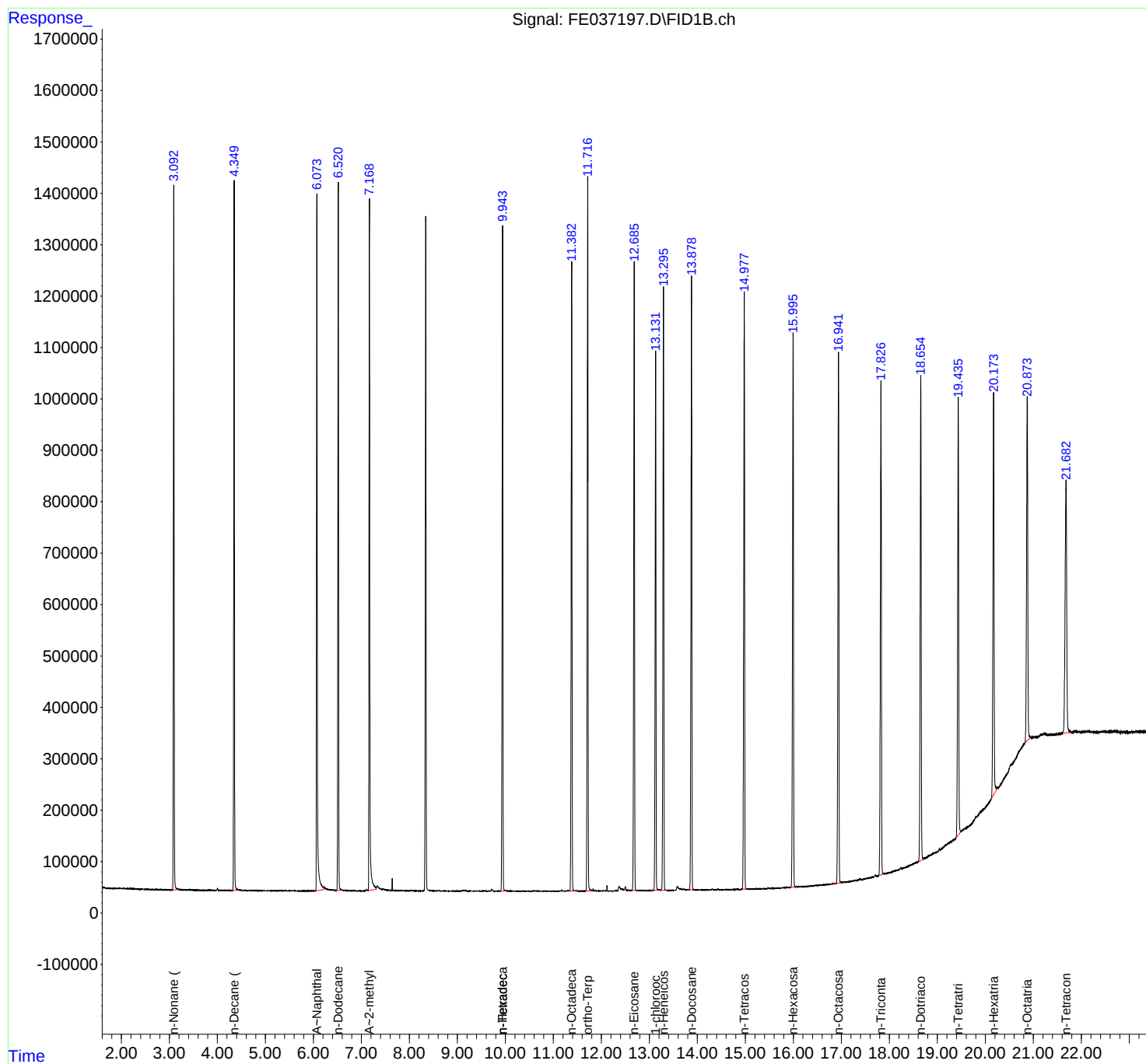
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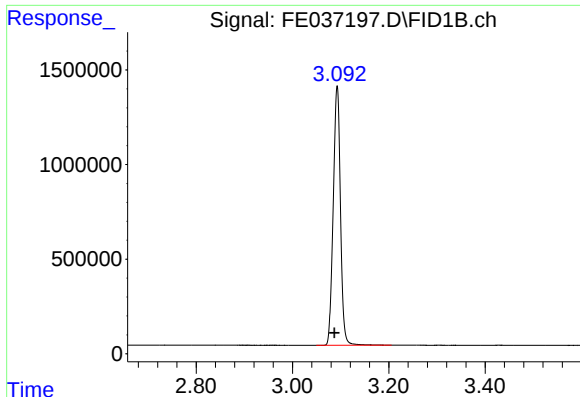
(m)=manual int.

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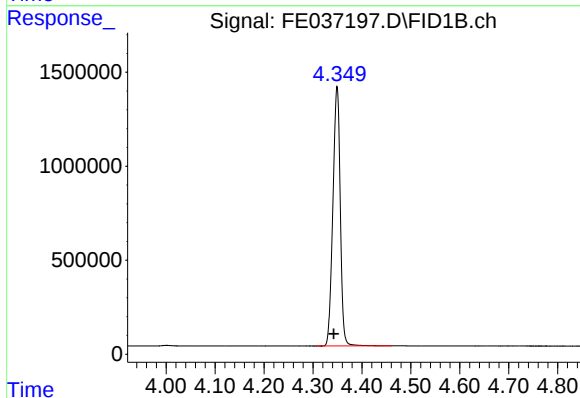
Volume Inj. : 1 ul
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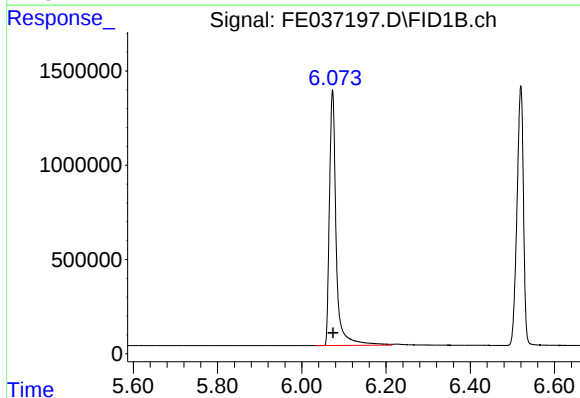
#1 n-Nonane (C9)

R.T.: 3.093 min
Delta R.T.: 0.006 min
Response: 14287513
Conc: 96.57 ug/ml



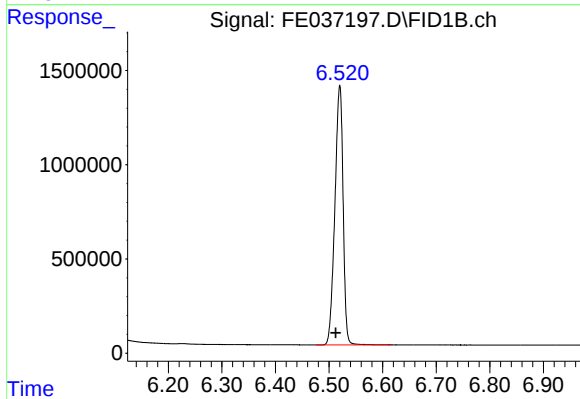
#2 n-Decane (C10)

R.T.: 4.349 min
Delta R.T.: 0.007 min
Response: 14412184
Conc: 96.79 ug/ml



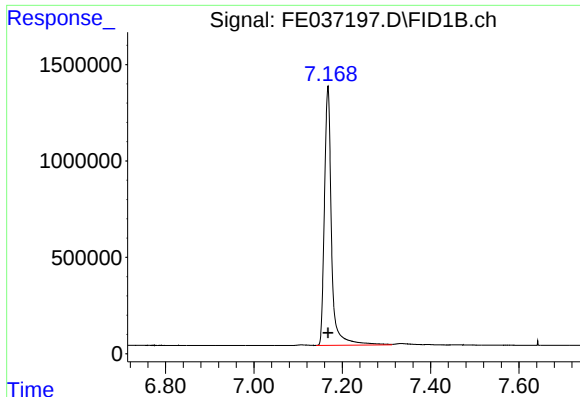
#3 A~Naphthalene (C11.7)

R.T.: 6.073 min
Delta R.T.: -0.001 min
Response: 15121209
Conc: 106.12 ug/ml



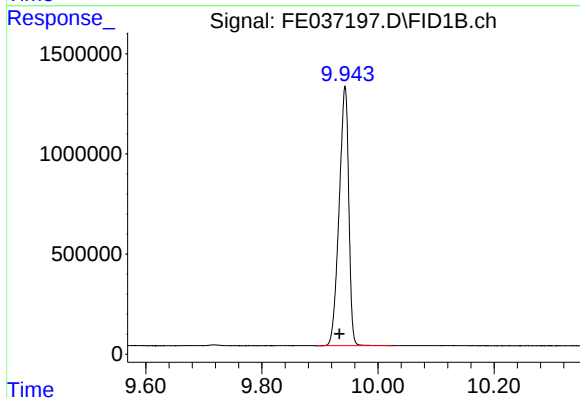
#4 n-Dodecane (C12)

R.T.: 6.520 min
Delta R.T.: 0.008 min
Response: 14654607
Conc: 95.87 ug/ml



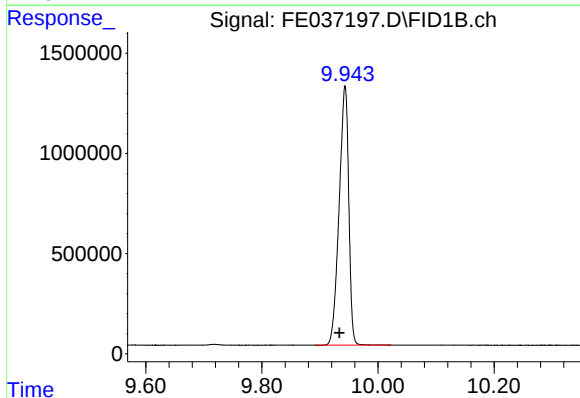
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.168 min
Delta R.T.: 0.000 min
Response: 14979107
Conc: 113.27 ug/ml



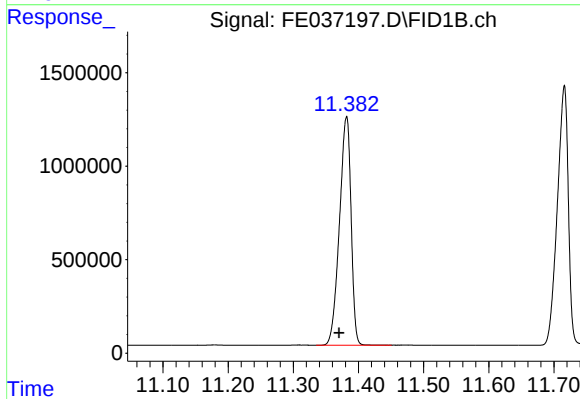
#6 n-Tetradecane (C14)

R.T.: 9.943 min
Delta R.T.: 0.010 min
Response: 14879889
Conc: 95.63 ug/ml



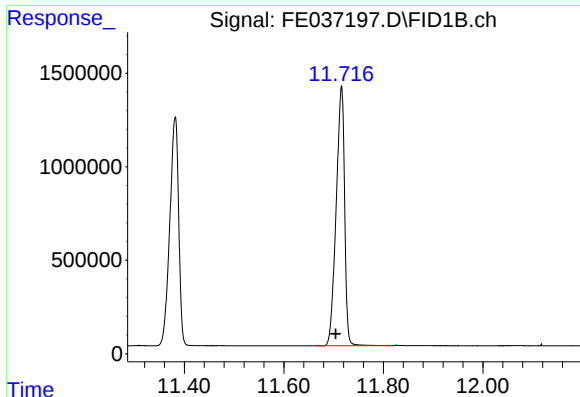
#7 n-Hexadecane (C16)

R.T.: 9.943 min
Delta R.T.: 0.010 min
Response: 14879889
Conc: 95.63 ug/ml



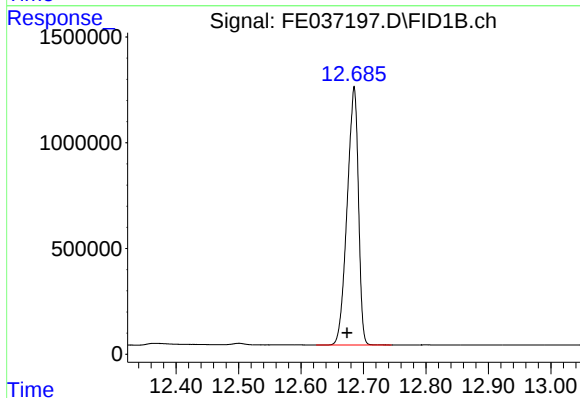
#8 n-Octadecane (C18)

R.T.: 11.382 min
Delta R.T.: 0.011 min
Response: 15130470
Conc: 95.38 ug/ml



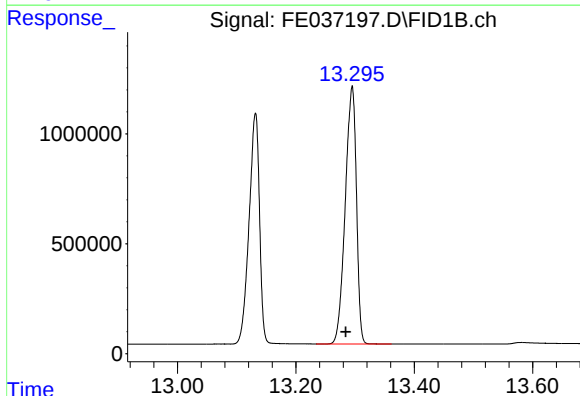
#9 ortho-Terphenyl (SURR)

R.T.: 11.716 min
Delta R.T.: 0.012 min
Response: 16293432
Conc: 95.43 ug/ml



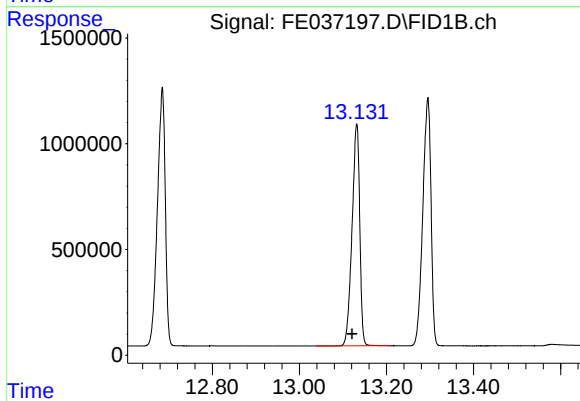
#10 n-Eicosane (C20)

R.T.: 12.685 min
Delta R.T.: 0.011 min
Response: 15287284
Conc: 94.70 ug/ml



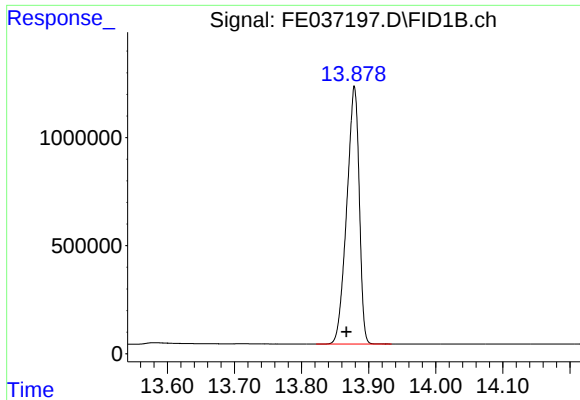
#11 n-Heneicosane (C21)

R.T.: 13.295 min
Delta R.T.: 0.011 min
Response: 15361244
Conc: 94.62 ug/ml



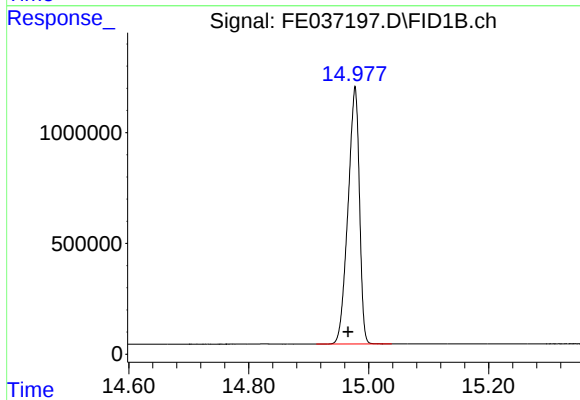
#12 1-chlorooctadecane (SURR)

R.T.: 13.132 min
Delta R.T.: 0.011 min
Response: 12866762
Conc: 95.49 ug/ml



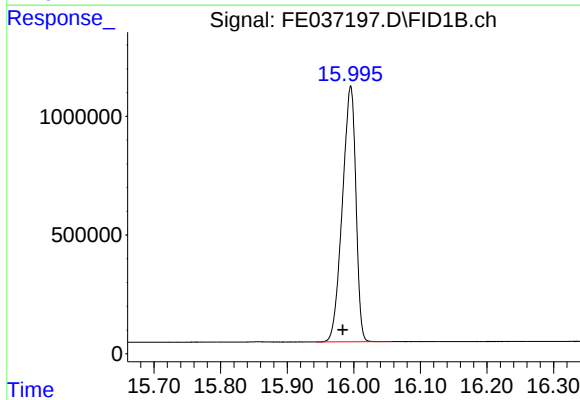
#13 n-Docosane (C22)

R.T.: 13.879 min
Delta R.T.: 0.012 min
Response: 15401970
Conc: 94.44 ug/ml



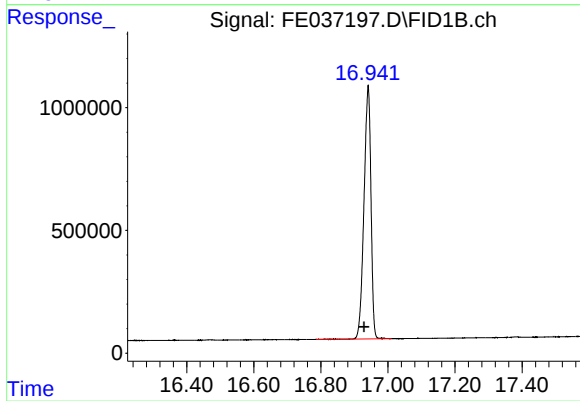
#14 n-Tetracosane (C24)

R.T.: 14.977 min
Delta R.T.: 0.012 min
Response: 15338540
Conc: 94.35 ug/ml



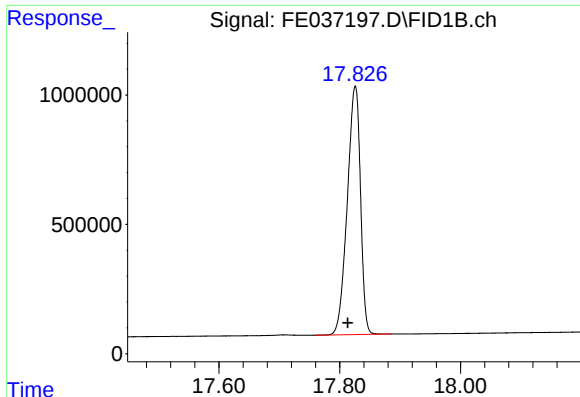
#15 n-Hexacosane (C26)

R.T.: 15.995 min
Delta R.T.: 0.012 min
Response: 15194313
Conc: 94.32 ug/ml



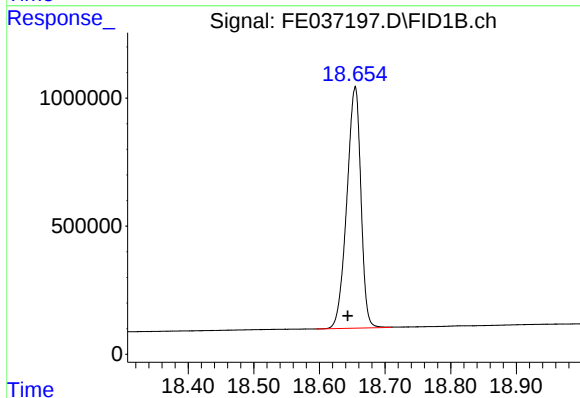
#16 n-Octacosane (C28)

R.T.: 16.941 min
Delta R.T.: 0.012 min
Response: 14826995
Conc: 93.93 ug/ml



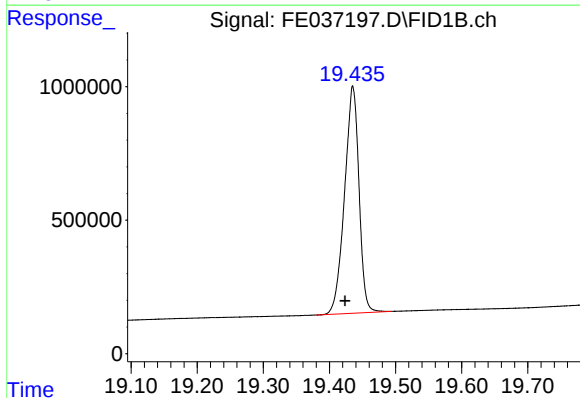
#17 n-Tricontane (C30)

R.T.: 17.826 min
Delta R.T.: 0.012 min
Response: 14566429
Conc: 94.18 ug/ml



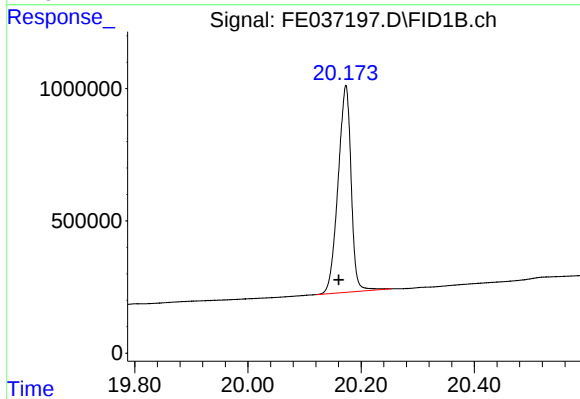
#18 n-Dotriacontane (C32)

R.T.: 18.655 min
Delta R.T.: 0.011 min
Response: 14060977
Conc: 93.93 ug/ml



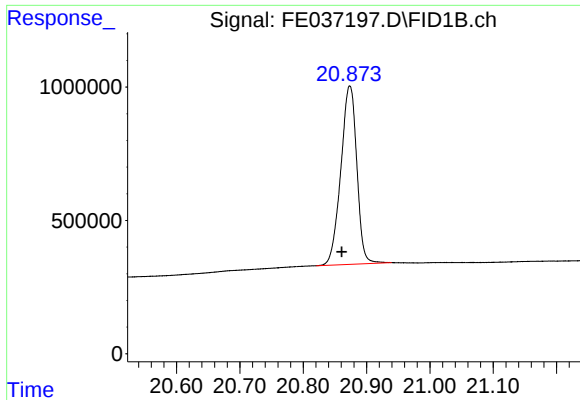
#19 n-Tetratriacontane (C34)

R.T.: 19.435 min
Delta R.T.: 0.011 min
Response: 12913530
Conc: 95.21 ug/ml



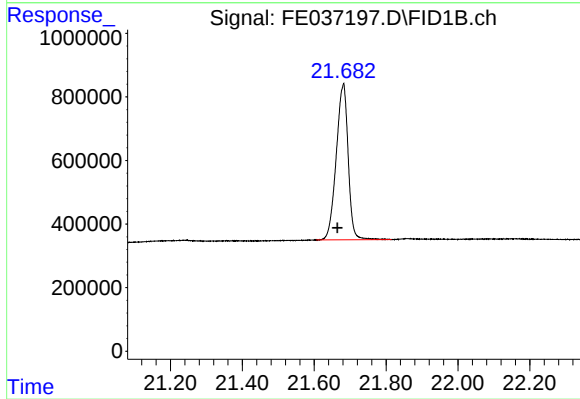
#20 n-Hexatriacontane (C36)

R.T.: 20.173 min
Delta R.T.: 0.013 min
Response: 12521855
Conc: 95.83 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.874 min
Delta R.T.: 0.013 min
Response: 11732492
Conc: 97.25 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.682 min
Delta R.T.: 0.016 min
Response: 11296733
Conc: 95.39 ug/ml