

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122123AL\
 Data File : FC065502.D
 Signal(s) : FID1A.ch
 Acq On : 21 Dec 2023 14:19
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 21 22:28:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121823.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 18 12:39:13 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)	11.498	4874473	21.300 ug/ml
Spiked Amount 50.000		Recovery =	42.60%
12) S 1-chlorooctadecane (S...	12.930	3485890	21.326 ug/ml
Spiked Amount 50.000		Recovery =	42.65%
Target Compounds			
1) T n-Nonane (C9)	3.295	4280138	21.525 ug/ml
2) T n-Decane (C10)	4.355	4336889	21.633 ug/ml
3) T A~Naphthalene (C11.7)	5.937	4472023	22.251 ug/ml
4) T n-Dodecane (C12)	6.367	4397467	21.511 ug/ml
5) T A~2-methylnaphthalene...	6.992	4107234	21.037 ug/ml
6) T n-Tetradecane (C14)	8.155	4248399	21.207 ug/ml
7) T n-Hexadecane (C16)	9.750	4219146	21.077 ug/ml
8) T n-Octadecane (C18)	11.185	4155607	21.117 ug/ml
10) T n-Eicosane (C20)	12.488	3985461	21.259 ug/ml
11) T n-Heneicosane (C21)	13.096	3888197	21.318 ug/ml
13) T n-Docosane (C22)	13.680	3837158	21.267 ug/ml
14) T n-Tetracosane (C24)	14.778	3796731	21.075 ug/ml
15) T n-Hexacosane (C26)	15.794	3654902	21.099 ug/ml
16) T n-Octacosane (C28)	16.738	3640897	21.230 ug/ml
17) T n-Tricontane (C30)	17.623	3812148	21.766 ug/ml
18) T n-Dotriacontane (C32)	18.452	3811152	21.849 ug/ml
19) T n-Tetratriacontane (C34)	19.232	3608877	21.811 ug/ml
20) T n-Hexatriacontane (C36)	19.967	3429858	21.244 ug/mlm
21) T n-Octatriacontane (C38)	20.686	3318085	20.921 ug/ml
22) T n-Tetracontane (C40)	21.560	3212198	20.167 ug/ml

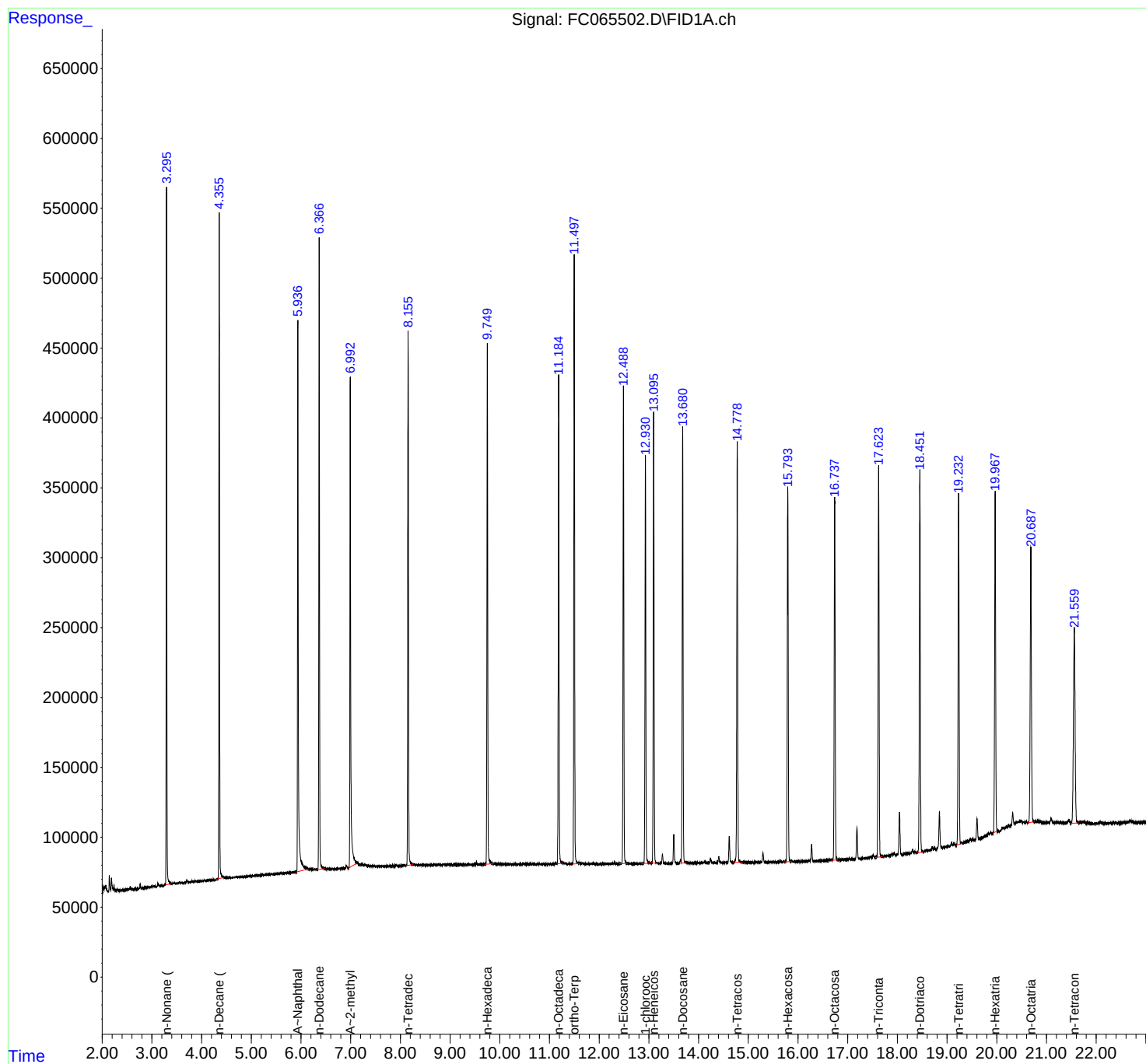
(f)=RT Delta > 1/2 Window

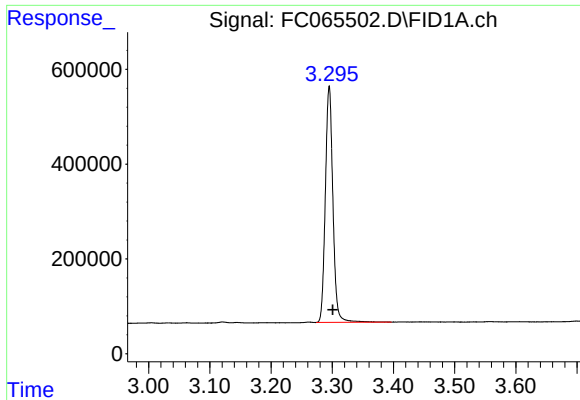
(m)=manual int.

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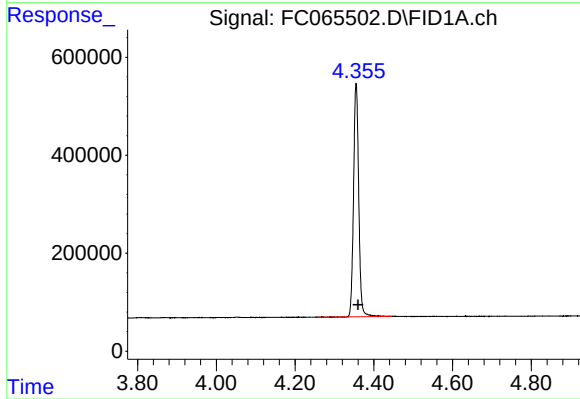
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





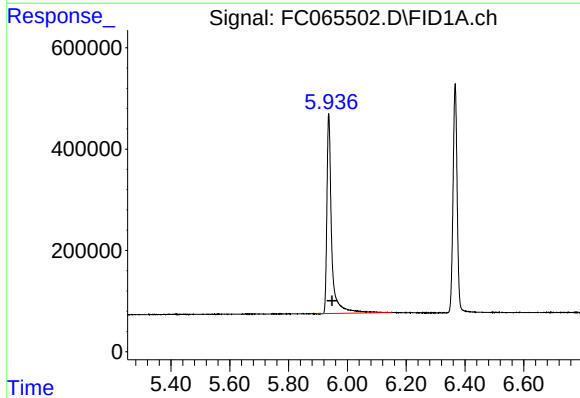
#1 n-Nonane (C9)

R.T.: 3.295 min
Delta R.T.: -0.006 min
Response: 4280138
Conc: 21.53 ug/ml



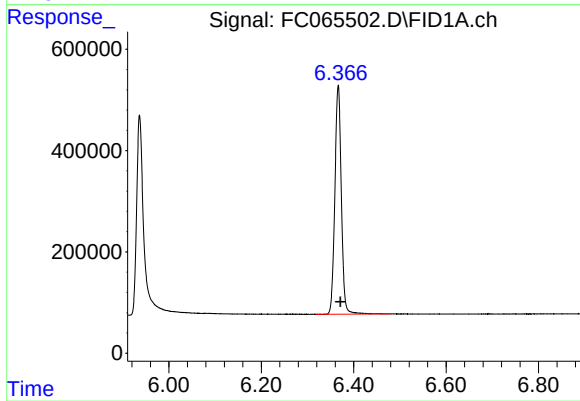
#2 n-Decane (C10)

R.T.: 4.355 min
Delta R.T.: -0.005 min
Response: 4336889
Conc: 21.63 ug/ml



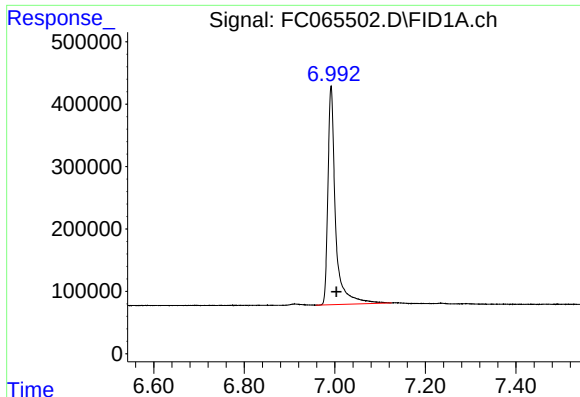
#3 A~Naphthalene (C11.7)

R.T.: 5.937 min
Delta R.T.: -0.011 min
Response: 4472023
Conc: 22.25 ug/ml



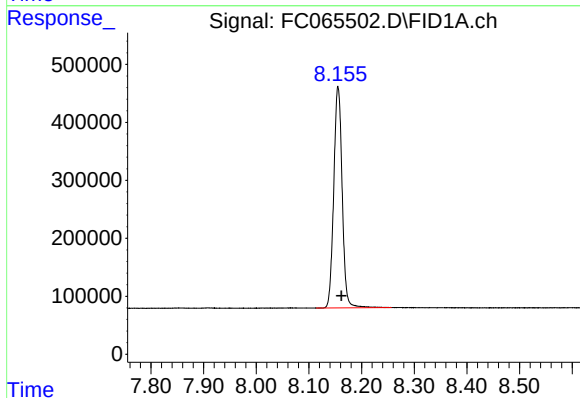
#4 n-Dodecane (C12)

R.T.: 6.367 min
Delta R.T.: -0.005 min
Response: 4397467
Conc: 21.51 ug/ml



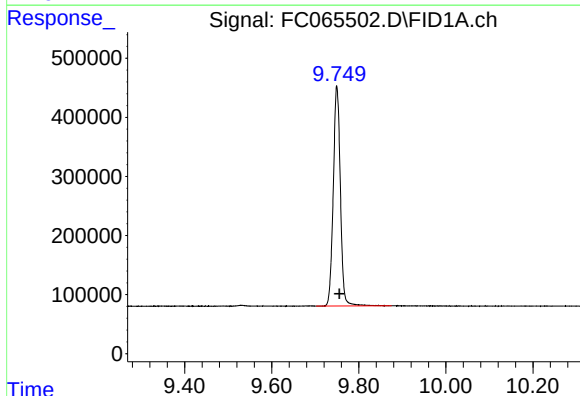
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.992 min
Delta R.T.: -0.011 min
Response: 4107234
Conc: 21.04 ug/ml



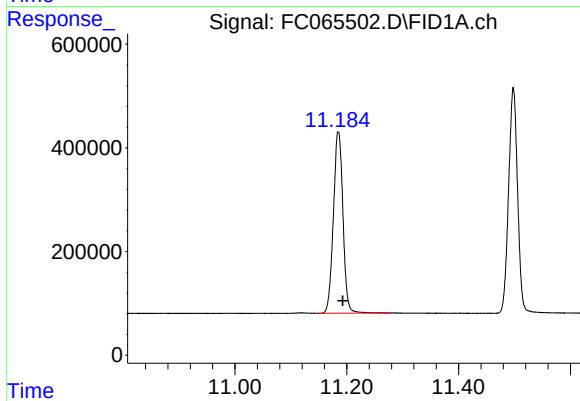
#6 n-Tetradecane (C14)

R.T.: 8.155 min
Delta R.T.: -0.007 min
Response: 4248399
Conc: 21.21 ug/ml



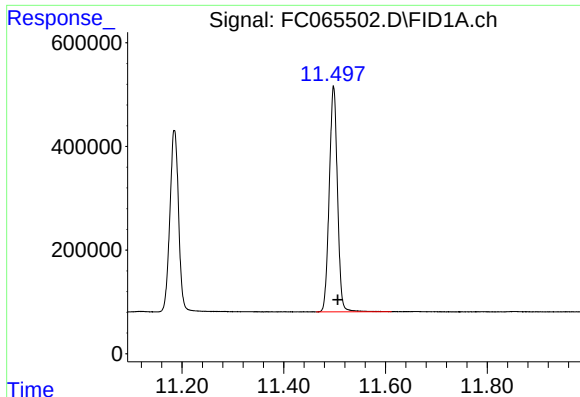
#7 n-Hexadecane (C16)

R.T.: 9.750 min
Delta R.T.: -0.006 min
Response: 4219146
Conc: 21.08 ug/ml



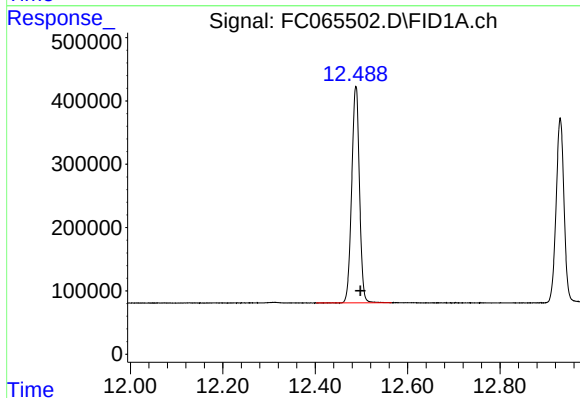
#8 n-Octadecane (C18)

R.T.: 11.185 min
Delta R.T.: -0.008 min
Response: 4155607
Conc: 21.12 ug/ml



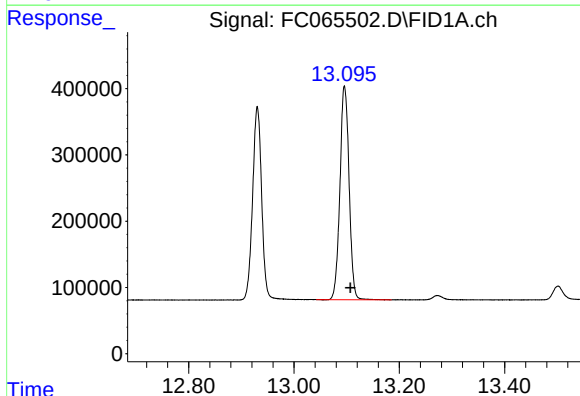
#9 ortho-Terphenyl (SURR)

R.T.: 11.498 min
Delta R.T.: -0.008 min
Response: 4874473
Conc: 21.30 ug/ml



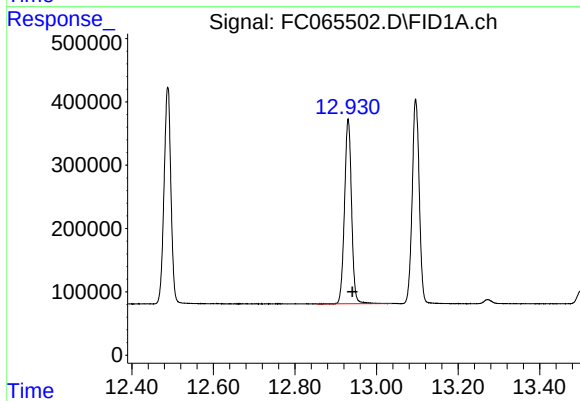
#10 n-Eicosane (C20)

R.T.: 12.488 min
Delta R.T.: -0.009 min
Response: 3985461
Conc: 21.26 ug/ml



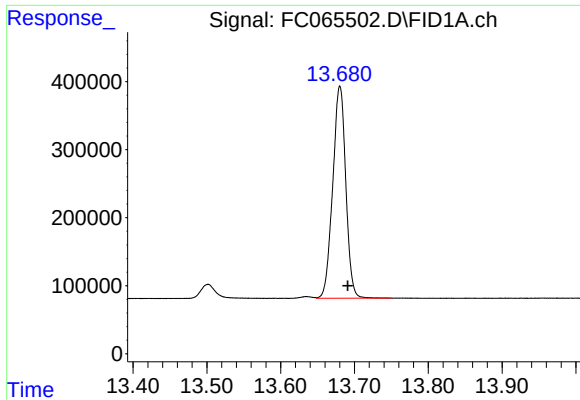
#11 n-Heneicosane (C21)

R.T.: 13.096 min
Delta R.T.: -0.011 min
Response: 3888197
Conc: 21.32 ug/ml



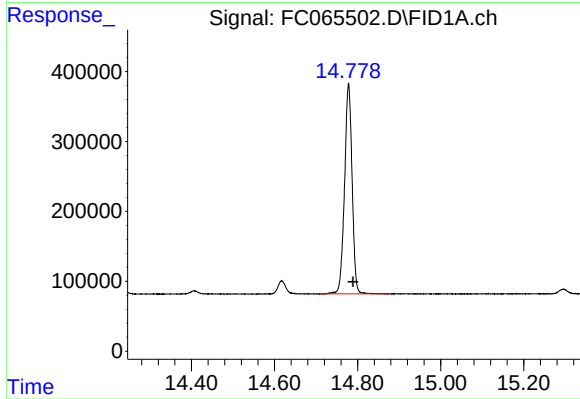
#12 1-chlorooctadecane (SURR)

R.T.: 12.930 min
Delta R.T.: -0.010 min
Response: 3485890
Conc: 21.33 ug/ml



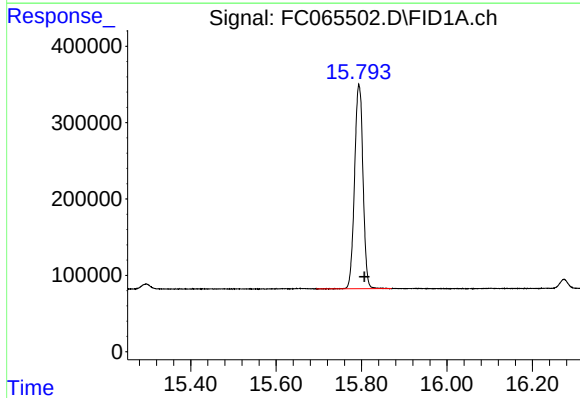
#13 n-Docosane (C22)

R.T.: 13.680 min
Delta R.T.: -0.011 min
Response: 3837158
Conc: 21.27 ug/ml



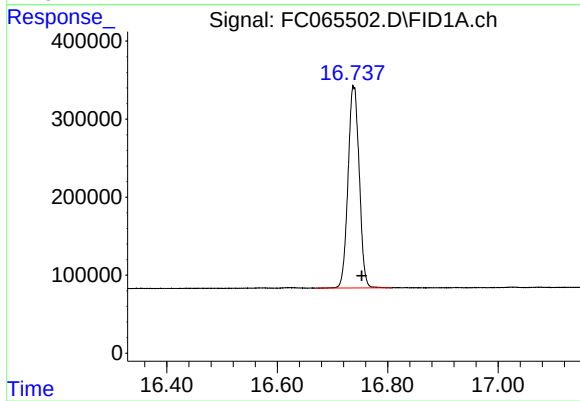
#14 n-Tetracosane (C24)

R.T.: 14.778 min
Delta R.T.: -0.011 min
Response: 3796731
Conc: 21.07 ug/ml



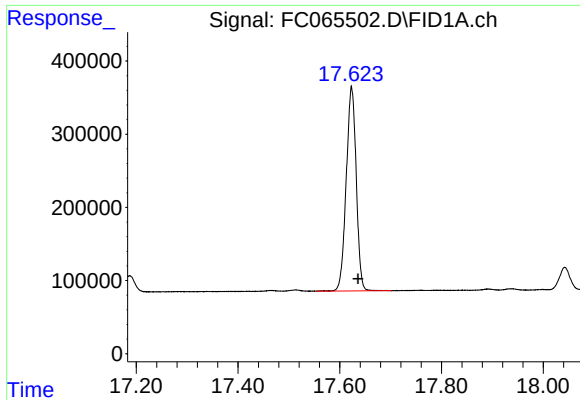
#15 n-Hexacosane (C26)

R.T.: 15.794 min
Delta R.T.: -0.012 min
Response: 3654902
Conc: 21.10 ug/ml



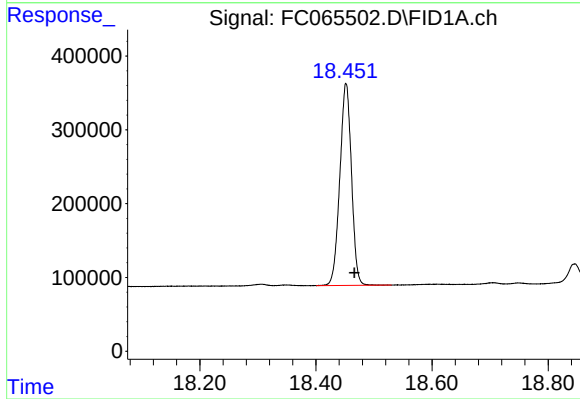
#16 n-Octacosane (C28)

R.T.: 16.738 min
Delta R.T.: -0.014 min
Response: 3640897
Conc: 21.23 ug/ml



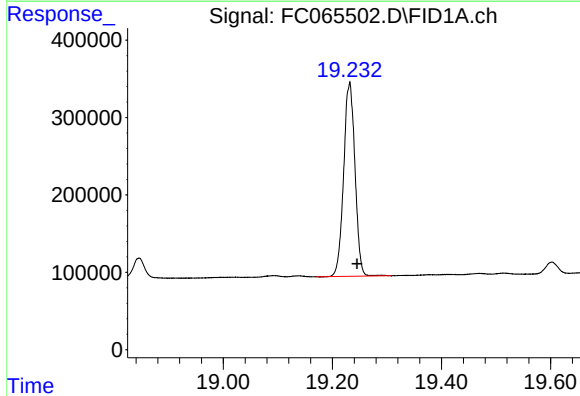
#17 n-Tricontane (C30)

R.T.: 17.623 min
Delta R.T.: -0.013 min
Response: 3812148
Conc: 21.77 ug/ml



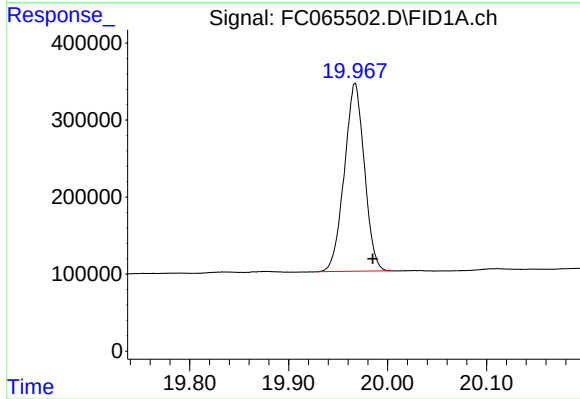
#18 n-Dotriacontane (C32)

R.T.: 18.452 min
Delta R.T.: -0.014 min
Response: 3811152
Conc: 21.85 ug/ml



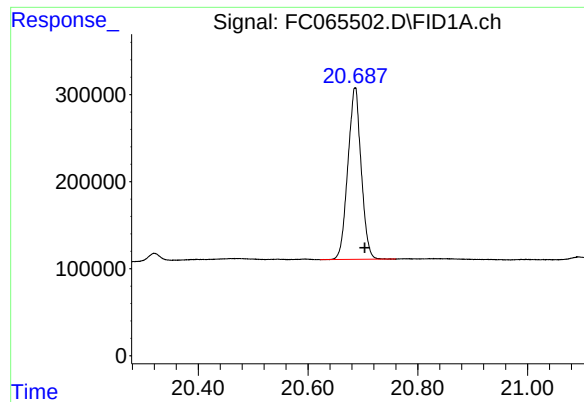
#19 n-Tetratriacontane (C34)

R.T.: 19.232 min
Delta R.T.: -0.014 min
Response: 3608877
Conc: 21.81 ug/ml



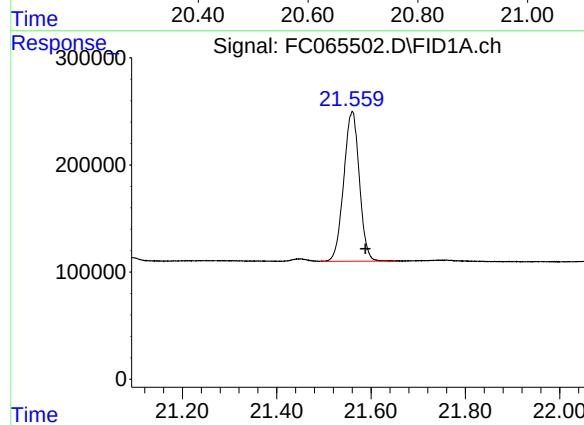
#20 n-Hexatriacontane (C36)

R.T.: 19.967 min
Delta R.T.: -0.018 min
Response: 3429858
Conc: 21.24 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.686 min
Delta R.T.: -0.017 min
Response: 3318085
Conc: 20.92 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.560 min
Delta R.T.: -0.027 min
Response: 3212198
Conc: 20.17 ug/ml