

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020124AL\
 Data File : FC065585.D
 Signal(s) : FID1A.ch
 Acq On : 01 Feb 2024 16:35
 Operator : YP/AJ
 Sample : P1187-07
 Misc : LOD 2.5 PPM
 ALS Vial : 8 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 05 01:49:40 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010824.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 08 15:12:33 2024
 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)	11.496	901470	4.957 ug/ml
Spiked Amount 50.000		Recovery =	9.91%
12) S 1-chlorooctadecane (S...	12.928	5224320	38.757 ug/ml
Spiked Amount 50.000		Recovery =	77.51%
Target Compounds			
1) T n-Nonane (C9)	3.292	191103	1.223 ug/ml
2) T n-Decane (C10)	4.354	236314	1.494 ug/ml
4) T n-Dodecane (C12)	6.365	365270	2.277 ug/ml
6) T n-Tetradecane (C14)	8.153	337928	2.155 ug/ml
7) T n-Hexadecane (C16)	9.748	314066	1.964 ug/ml
8) T n-Octadecane (C18)	11.182	414561	2.531 ug/ml
10) T n-Eicosane (C20)	12.484	447832	2.812 ug/ml
11) T n-Heneicosane (C21)	13.093	443070	2.824 ug/ml
13) T n-Docosane (C22)	13.677	455171	2.915 ug/ml
14) T n-Tetracosane (C24)	14.773	476044	3.063 ug/ml
15) T n-Hexacosane (C26)	15.790	481701	3.138 ug/ml
16) T n-Octacosane (C28)	16.734	524829	3.482 ug/ml
17) T n-Tricontane (C30)	17.616	617995	4.046 ug/ml
18) T n-Dotriacontane (C32)	18.444	660615	4.387 ug/ml
19) T n-Tetratriacontane (C34)	19.224	575197	4.006 ug/ml
20) T n-Hexatriacontane (C36)	19.961	517772	3.759 ug/ml
21) T n-Octatriacontane (C38)	20.678	548146	3.962 ug/ml
22) T n-Tetracontane (C40)	21.551	560937	4.054 ug/ml

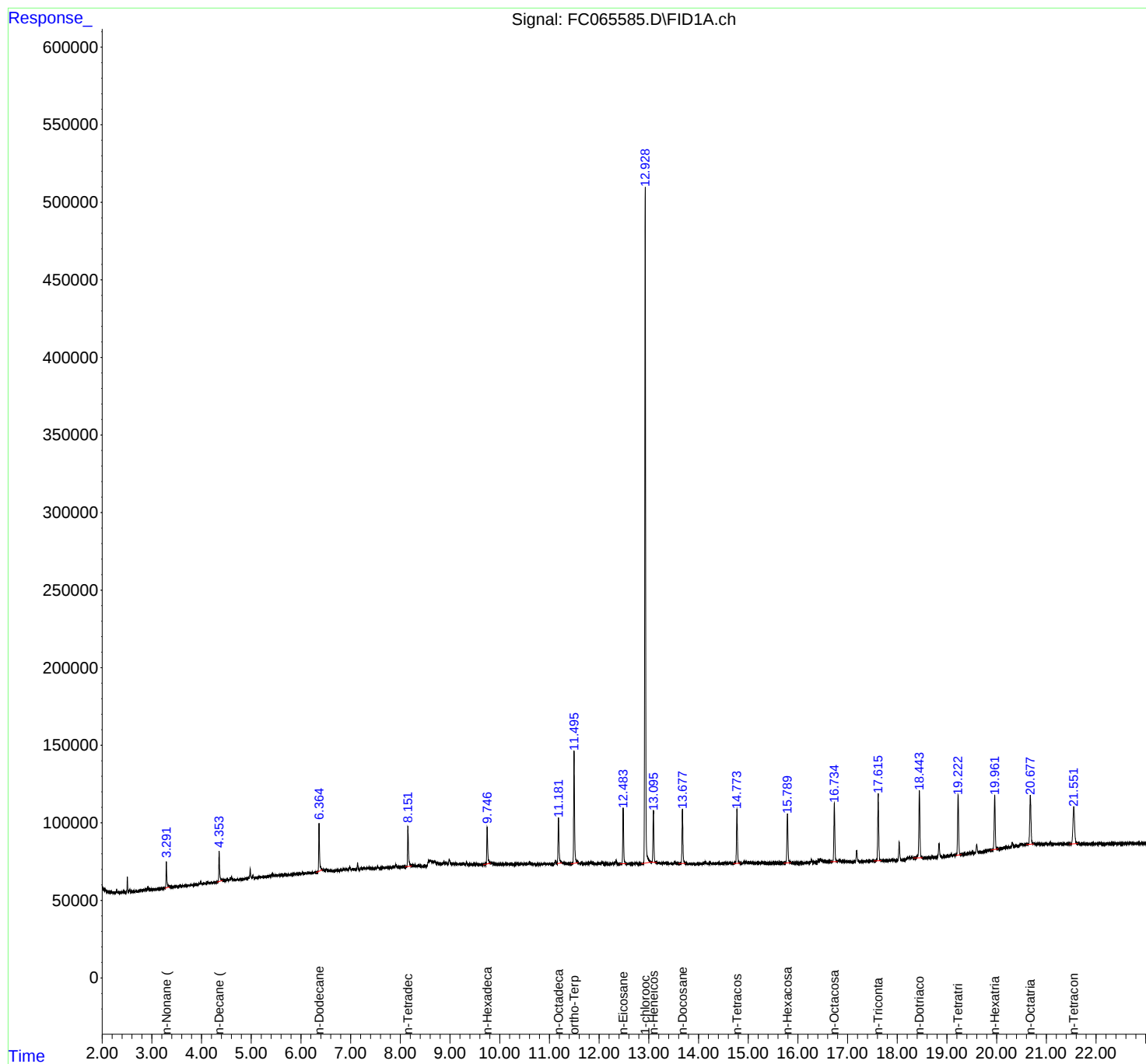
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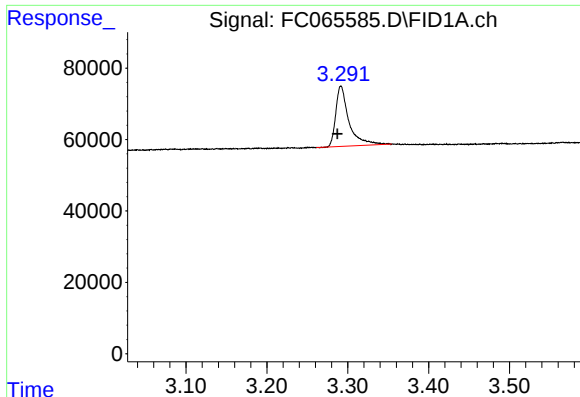
(m)=manual int.

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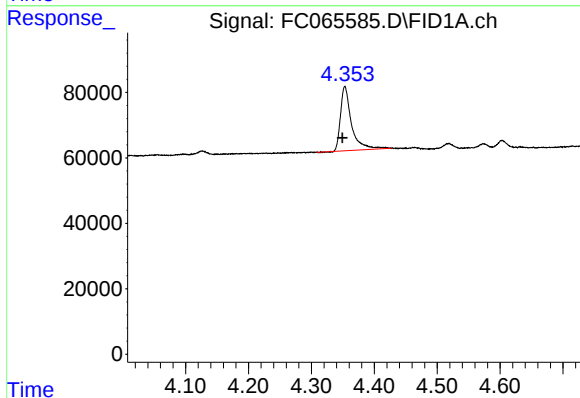
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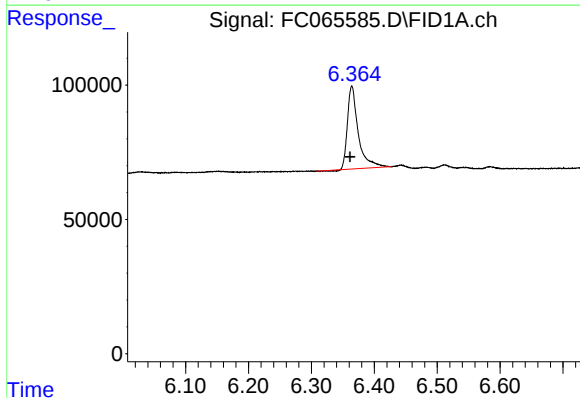
#1 n-Nonane (C9)

R.T.: 3.292 min
Delta R.T.: 0.005 min
Response: 191103
Conc: 1.22 ug/ml



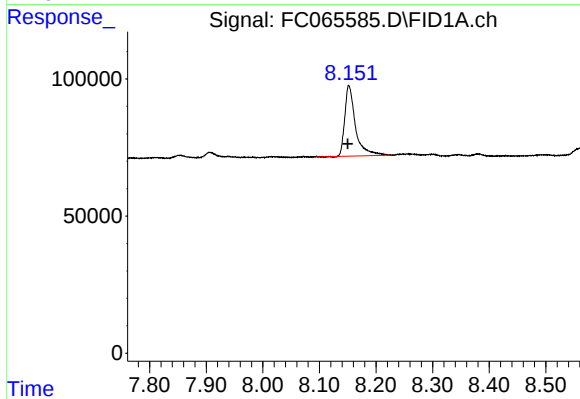
#2 n-Decane (C10)

R.T.: 4.354 min
Delta R.T.: 0.004 min
Response: 236314
Conc: 1.49 ug/ml



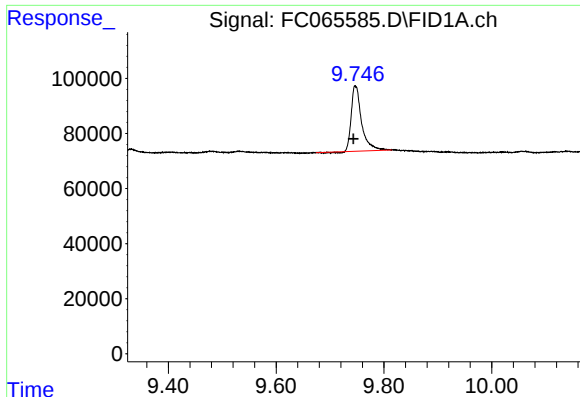
#4 n-Dodecane (C12)

R.T.: 6.365 min
Delta R.T.: 0.003 min
Response: 365270
Conc: 2.28 ug/ml



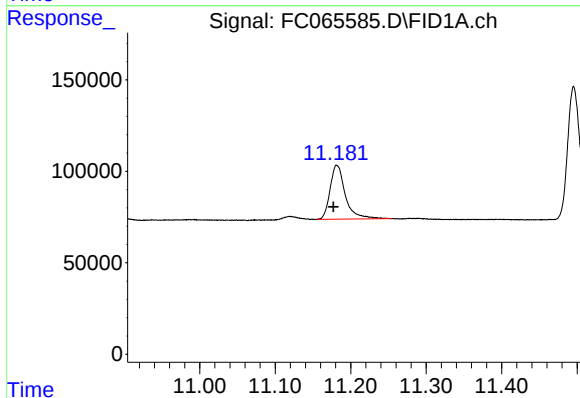
#6 n-Tetradecane (C14)

R.T.: 8.153 min
Delta R.T.: 0.003 min
Response: 337928
Conc: 2.15 ug/ml



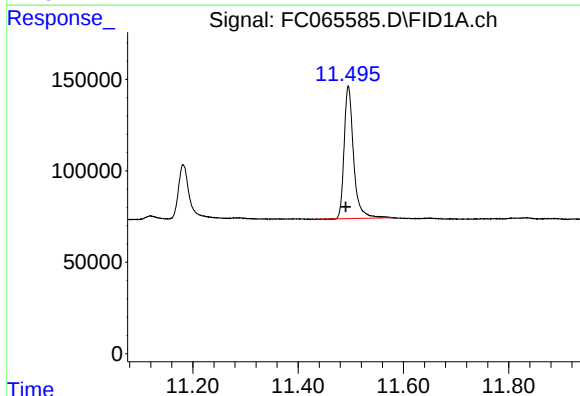
#7 n-Hexadecane (C16)

R.T.: 9.748 min
Delta R.T.: 0.004 min
Response: 314066
Conc: 1.96 ug/ml



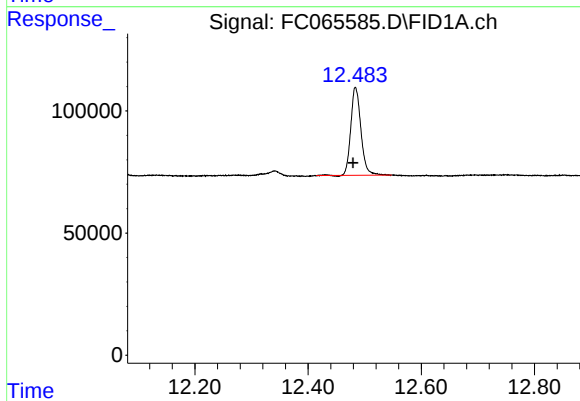
#8 n-Octadecane (C18)

R.T.: 11.182 min
Delta R.T.: 0.005 min
Response: 414561
Conc: 2.53 ug/ml



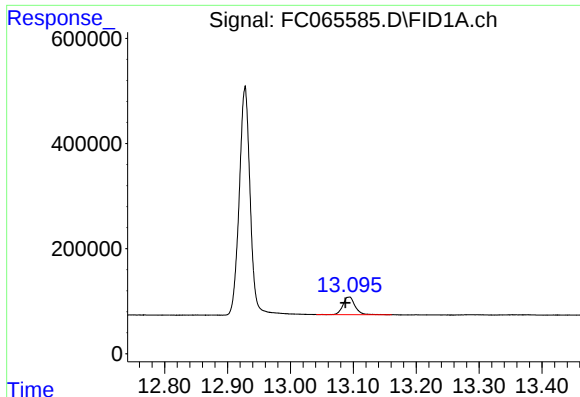
#9 ortho-Terphenyl (SURR)

R.T.: 11.496 min
Delta R.T.: 0.005 min
Response: 901470
Conc: 4.96 ug/ml



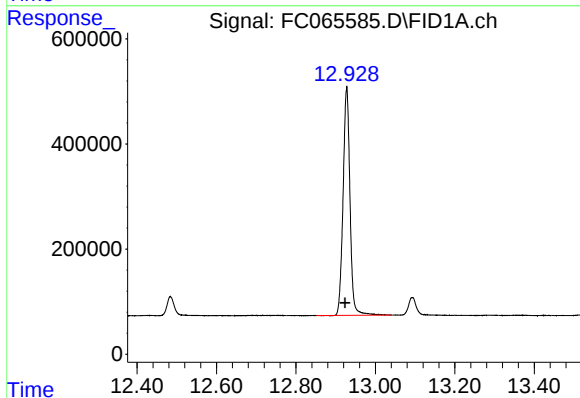
#10 n-Eicosane (C20)

R.T.: 12.484 min
Delta R.T.: 0.004 min
Response: 447832
Conc: 2.81 ug/ml



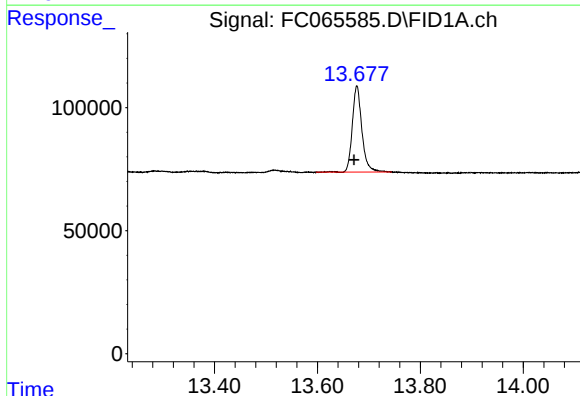
#11 n-Heneicosane (C21)

R.T.: 13.093 min
Delta R.T.: 0.006 min
Response: 443070
Conc: 2.82 ug/ml



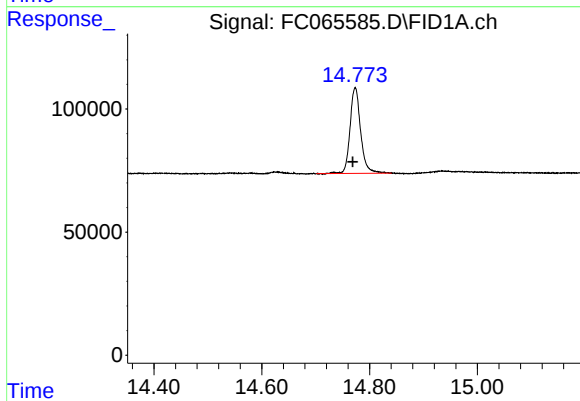
#12 1-chlorooctadecane (SURR)

R.T.: 12.928 min
Delta R.T.: 0.004 min
Response: 5224320
Conc: 38.76 ug/ml



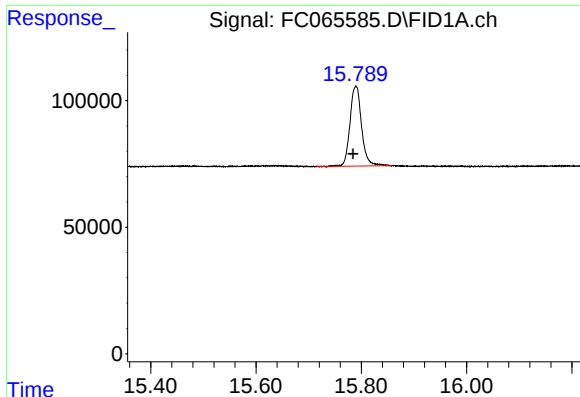
#13 n-Docosane (C22)

R.T.: 13.677 min
Delta R.T.: 0.005 min
Response: 455171
Conc: 2.92 ug/ml



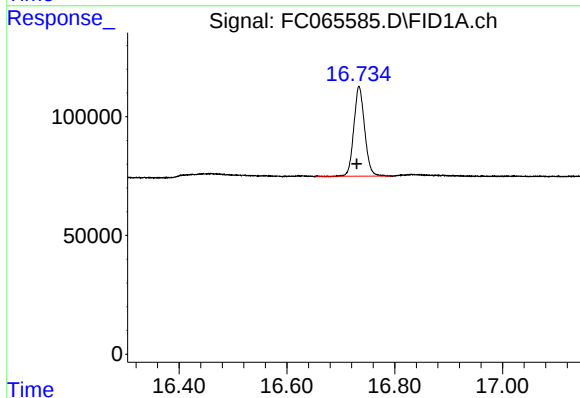
#14 n-Tetracosane (C24)

R.T.: 14.773 min
Delta R.T.: 0.005 min
Response: 476044
Conc: 3.06 ug/ml



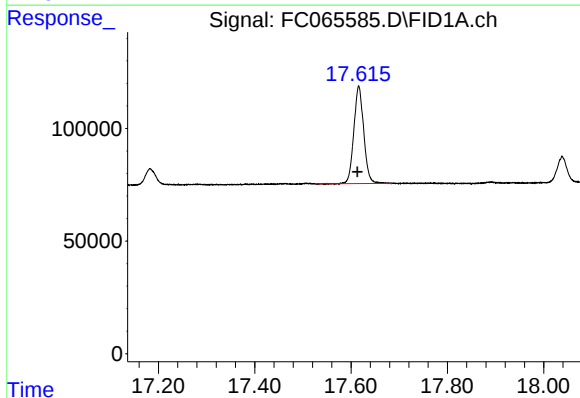
#15 n-Hexacosane (C26)

R.T.: 15.790 min
Delta R.T.: 0.005 min
Response: 481701
Conc: 3.14 ug/ml



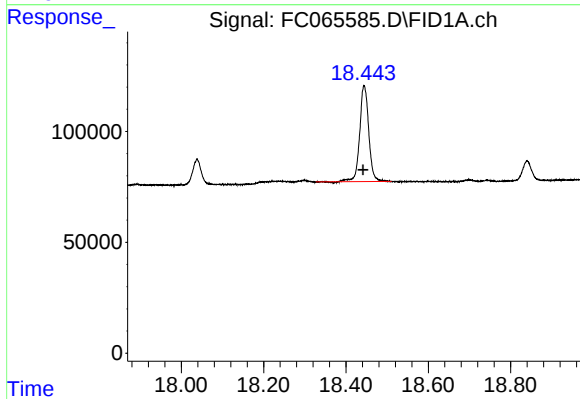
#16 n-Octacosane (C28)

R.T.: 16.734 min
Delta R.T.: 0.005 min
Response: 524829
Conc: 3.48 ug/ml



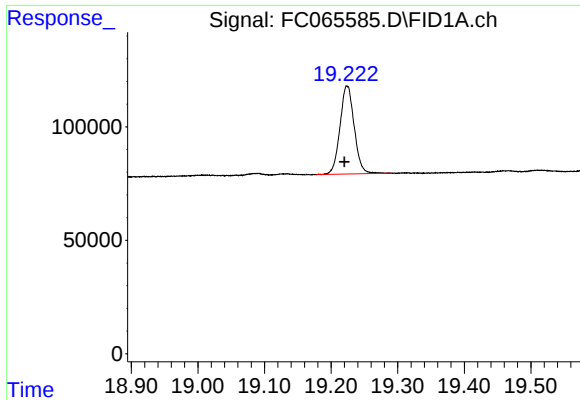
#17 n-Tricontane (C30)

R.T.: 17.616 min
Delta R.T.: 0.003 min
Response: 617995
Conc: 4.05 ug/ml



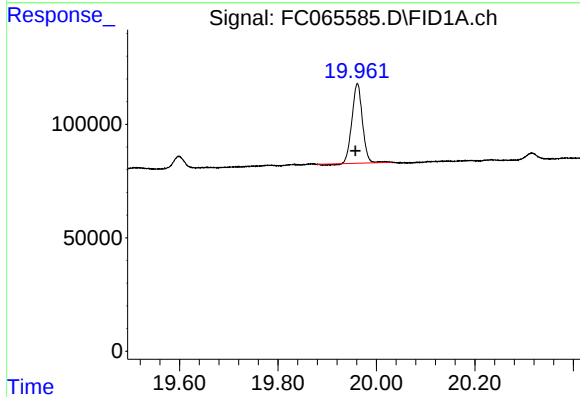
#18 n-Dotriacontane (C32)

R.T.: 18.444 min
Delta R.T.: 0.003 min
Response: 660615
Conc: 4.39 ug/ml



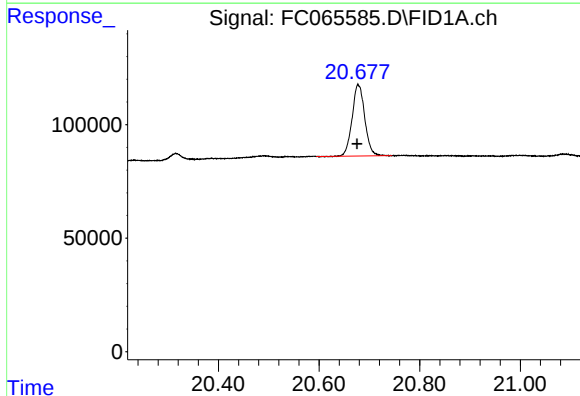
#19 n-Tetratriacontane (C34)

R.T.: 19.224 min
Delta R.T.: 0.004 min
Response: 575197
Conc: 4.01 ug/ml



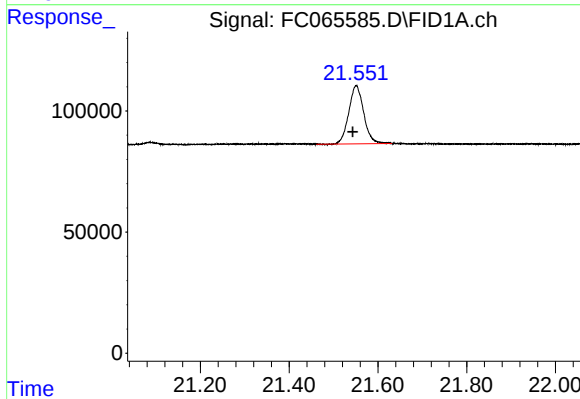
#20 n-Hexatriacontane (C36)

R.T.: 19.961 min
Delta R.T.: 0.004 min
Response: 517772
Conc: 3.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.678 min
Delta R.T.: 0.003 min
Response: 548146
Conc: 3.96 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.551 min
Delta R.T.: 0.008 min
Response: 560937
Conc: 4.05 ug/ml