

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020124AL\
 Data File : FC065583.D
 Signal(s) : FID1A.ch
 Acq On : 01 Feb 2024 15:20
 Operator : YP/AJ
 Sample : P1187-02
 Misc : LOQ 5 PPM
 ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 02 08:07:23 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			
12) S 1-chlorooctadecane (S...	12.926	4902549	36.370 ug/ml
Spiked Amount 50.000		Recovery =	72.74%
Target Compounds			
1) T n-Nonane (C9)	3.289	419590	2.686 ug/ml
2) T n-Decane (C10)	4.351	557806	3.526 ug/ml
4) T n-Dodecane (C12)	6.363	782277	4.876 ug/ml
6) T n-Tetradecane (C14)	8.153	681773	4.347 ug/ml
7) T n-Hexadecane (C16)	9.746	700200	4.378 ug/ml
8) T n-Octadecane (C18)	11.181	809208	4.941 ug/ml
10) T n-Eicosane (C20)	12.483	870482	5.465 ug/ml
11) T n-Heneicosane (C21)	13.093	857565	5.466 ug/ml
13) T n-Docosane (C22)	13.675	859661	5.506 ug/ml
14) T n-Tetracosane (C24)	14.772	869429	5.594 ug/ml
15) T n-Hexacosane (C26)	15.789	862316	5.617 ug/ml
16) T n-Octacosane (C28)	16.734	863059	5.726 ug/ml
17) T n-Tricontane (C30)	17.617	868847	5.689 ug/ml
18) T n-Dotriacontane (C32)	18.446	867478	5.761 ug/ml
19) T n-Tetratriacontane (C34)	19.225	825665	5.750 ug/ml
20) T n-Hexatriacontane (C36)	19.962	774708	5.624 ug/ml
21) T n-Octatriacontane (C38)	20.679	702741	5.079 ug/ml
22) T n-Tetracontane (C40)	21.552	605945	4.379 ug/ml

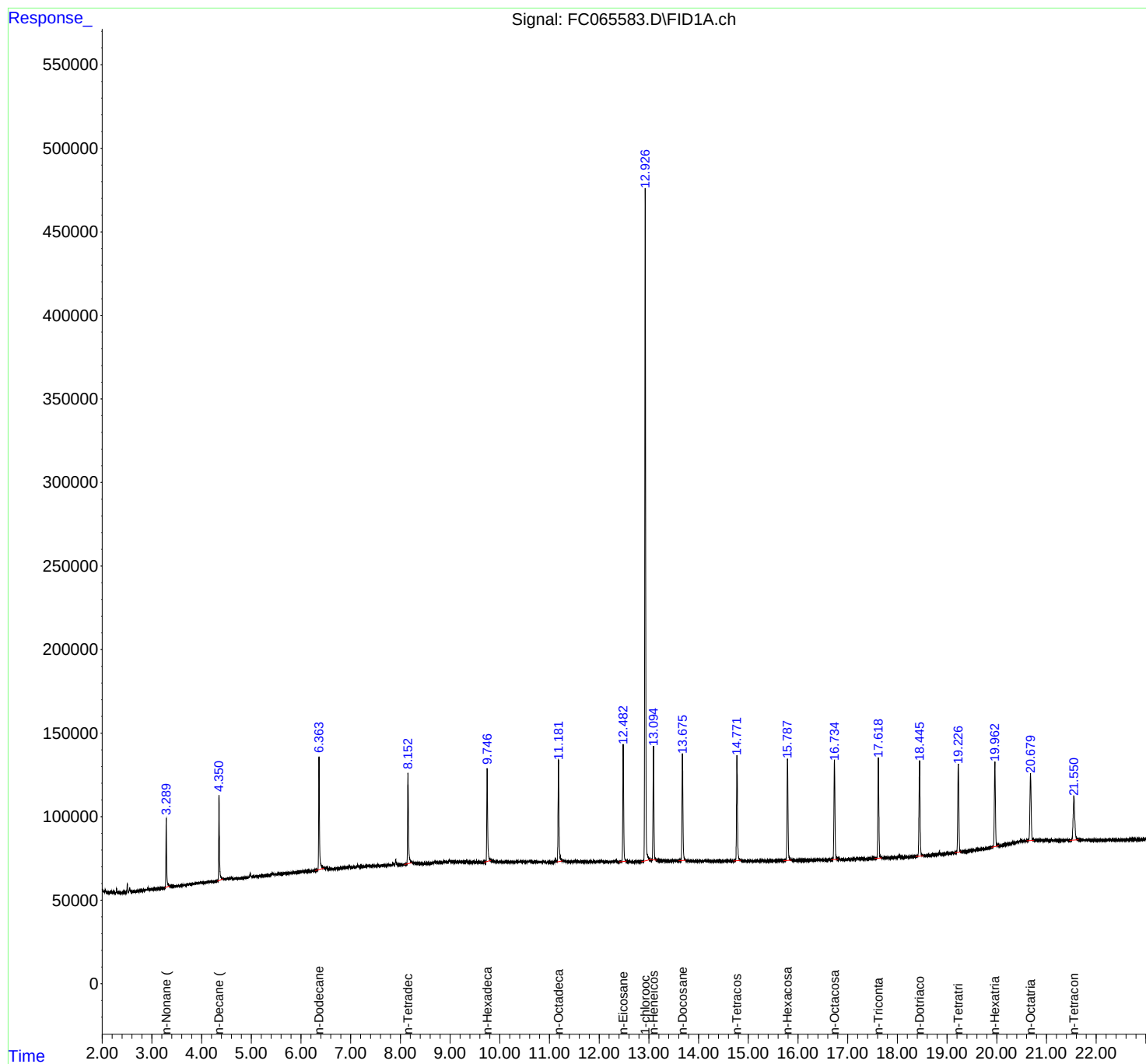
(f)=RT Delta > 1/2 Window

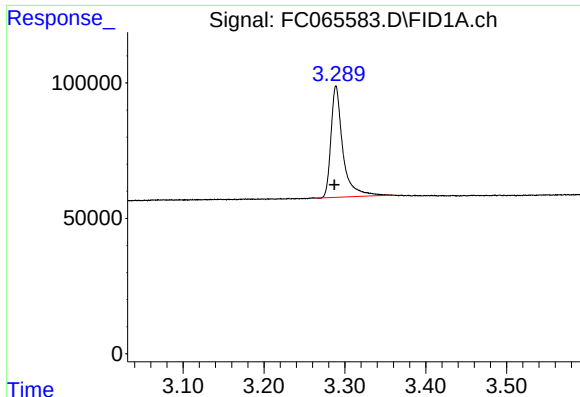
(m)=manual int.

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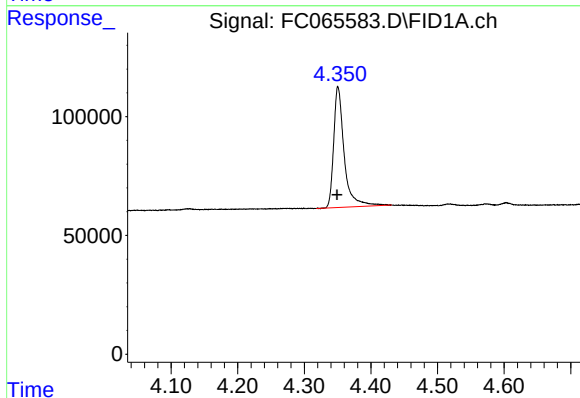
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





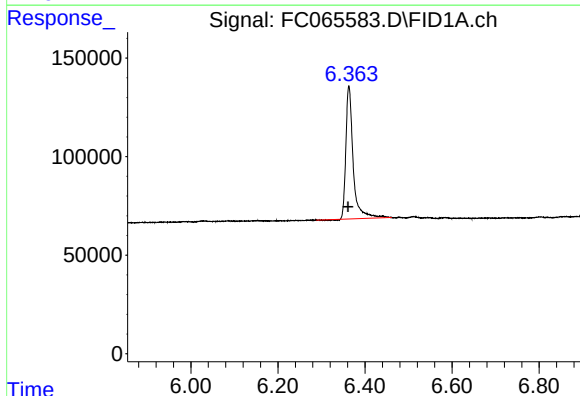
#1 n-Nonane (C9)

R.T.: 3.289 min
Delta R.T.: 0.002 min
Response: 419590
Conc: 2.69 ug/ml



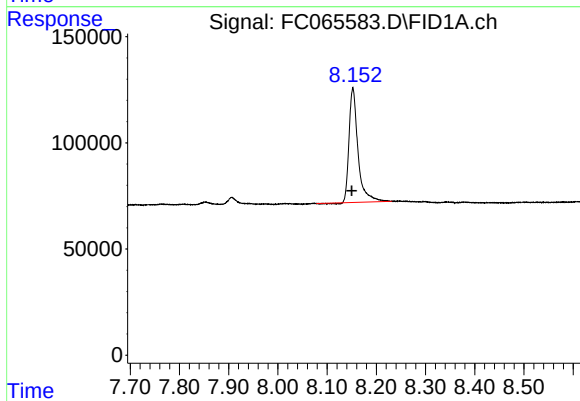
#2 n-Decane (C10)

R.T.: 4.351 min
Delta R.T.: 0.002 min
Response: 557806
Conc: 3.53 ug/ml



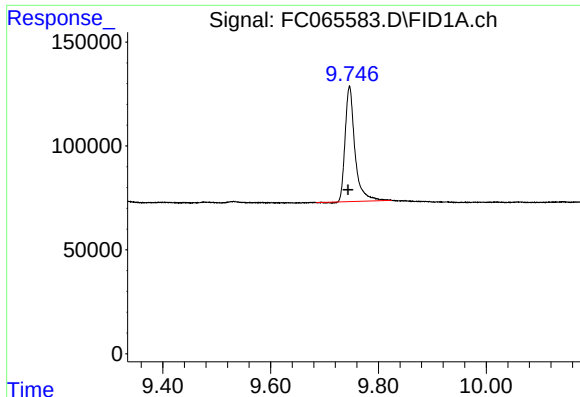
#4 n-Dodecane (C12)

R.T.: 6.363 min
Delta R.T.: 0.002 min
Response: 782277
Conc: 4.88 ug/ml



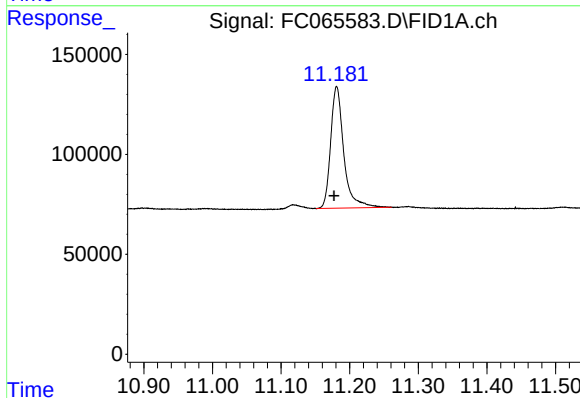
#6 n-Tetradecane (C14)

R.T.: 8.153 min
Delta R.T.: 0.003 min
Response: 681773
Conc: 4.35 ug/ml



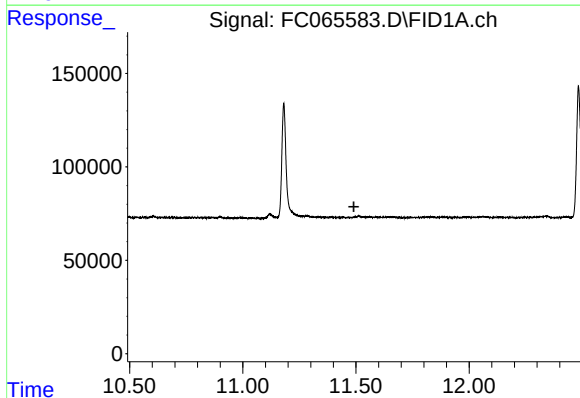
#7 n-Hexadecane (C16)

R.T.: 9.746 min
Delta R.T.: 0.003 min
Response: 700200
Conc: 4.38 ug/ml



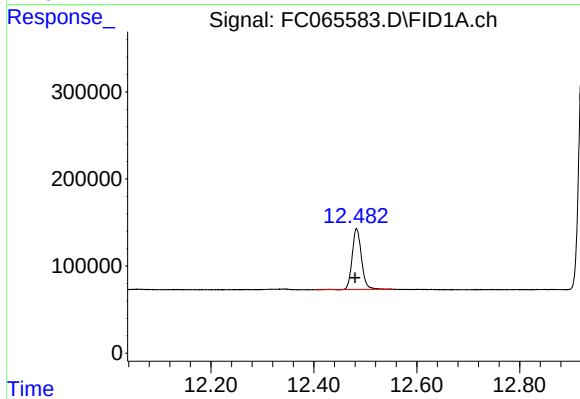
#8 n-Octadecane (C18)

R.T.: 11.181 min
Delta R.T.: 0.004 min
Response: 809208
Conc: 4.94 ug/ml



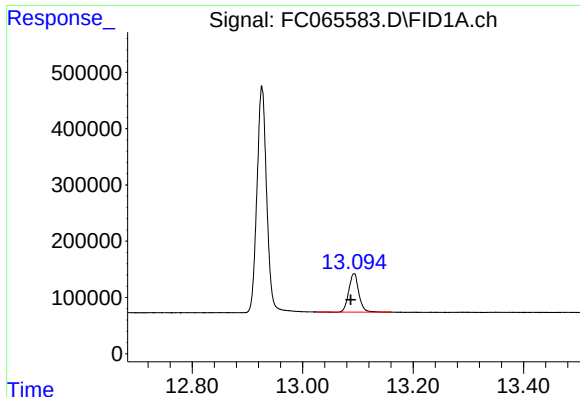
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.491 min
Response: 0
Conc: N.D.



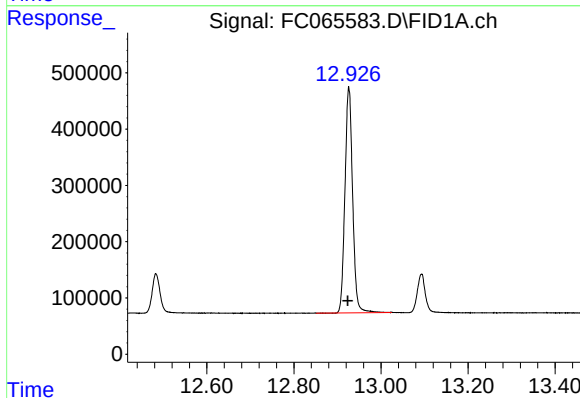
#10 n-Eicosane (C20)

R.T.: 12.483 min
Delta R.T.: 0.003 min
Response: 870482
Conc: 5.47 ug/ml



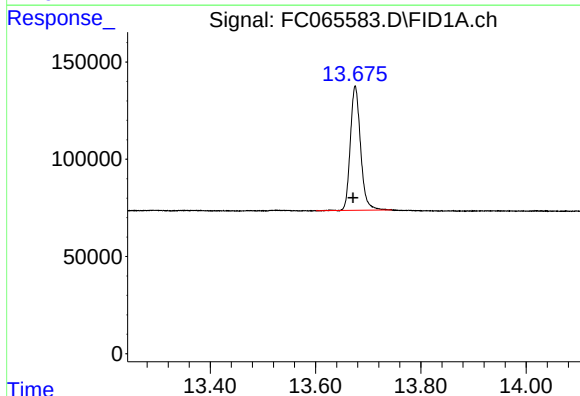
#11 n-Heneicosane (C21)

R.T.: 13.093 min
Delta R.T.: 0.006 min
Response: 857565
Conc: 5.47 ug/ml



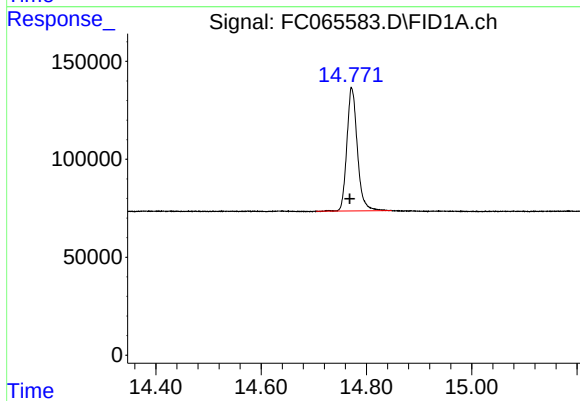
#12 1-chlorooctadecane (SURR)

R.T.: 12.926 min
Delta R.T.: 0.003 min
Response: 4902549
Conc: 36.37 ug/ml



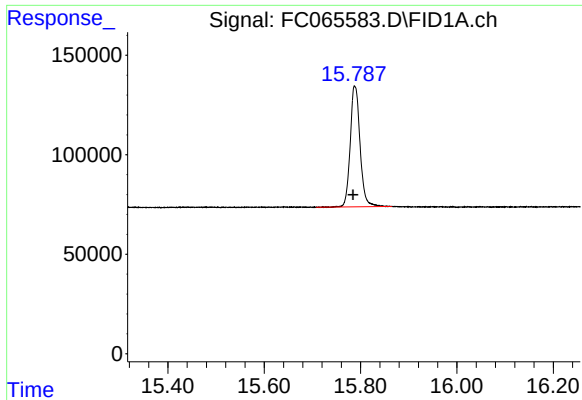
#13 n-Docosane (C22)

R.T.: 13.675 min
Delta R.T.: 0.004 min
Response: 859661
Conc: 5.51 ug/ml



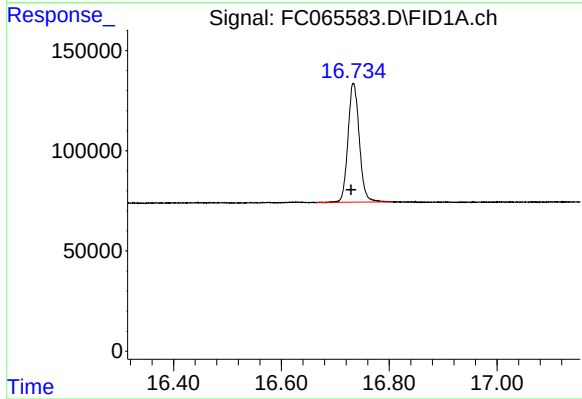
#14 n-Tetracosane (C24)

R.T.: 14.772 min
Delta R.T.: 0.004 min
Response: 869429
Conc: 5.59 ug/ml



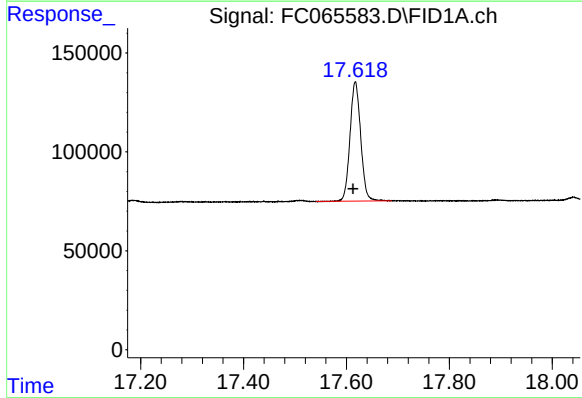
#15 n-Hexacosane (C26)

R.T.: 15.789 min
Delta R.T.: 0.004 min
Response: 862316
Conc: 5.62 ug/ml



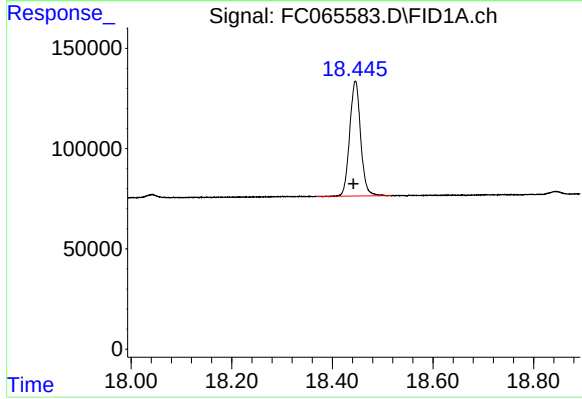
#16 n-Octacosane (C28)

R.T.: 16.734 min
Delta R.T.: 0.005 min
Response: 863059
Conc: 5.73 ug/ml



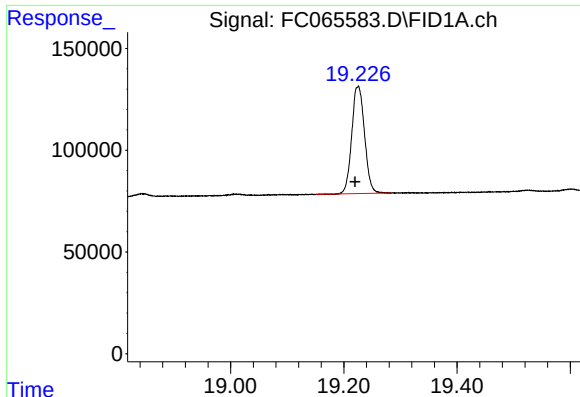
#17 n-Tricontane (C30)

R.T.: 17.617 min
Delta R.T.: 0.005 min
Response: 868847
Conc: 5.69 ug/ml



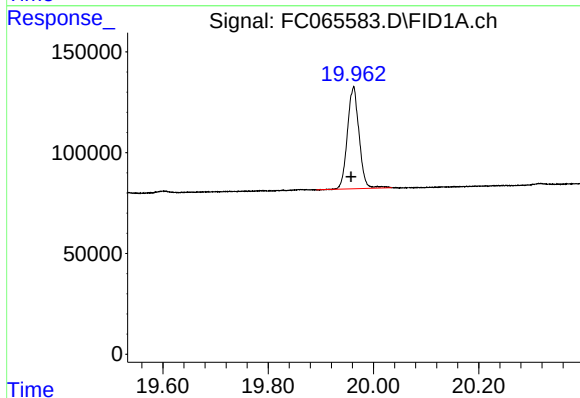
#18 n-Dotriacontane (C32)

R.T.: 18.446 min
Delta R.T.: 0.004 min
Response: 867478
Conc: 5.76 ug/ml



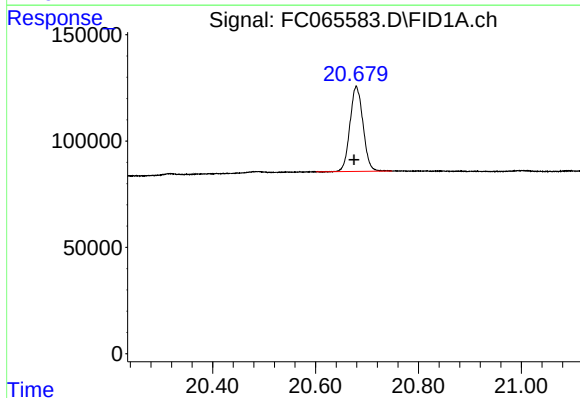
#19 n-Tetratriacontane (C34)

R.T.: 19.225 min
Delta R.T.: 0.005 min
Response: 825665
Conc: 5.75 ug/ml



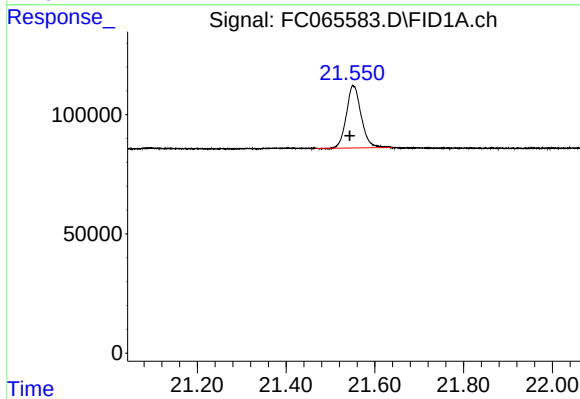
#20 n-Hexatriacontane (C36)

R.T.: 19.962 min
Delta R.T.: 0.005 min
Response: 774708
Conc: 5.62 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.679 min
Delta R.T.: 0.004 min
Response: 702741
Conc: 5.08 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.552 min
Delta R.T.: 0.008 min
Response: 605945
Conc: 4.38 ug/ml