

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101019AL\
 Data File : FC043875.D
 Signal(s) : FID1A.CH
 Acq On : 10 Oct 2019 13:56
 Operator : DD\AJ
 Sample : K5111-02
 Misc : LOQ 5 PPM
 ALS Vial : 7 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 11 01:42:43 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 092519.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 26 10:57:53 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	12.998	5908147	49.832 ug/ml
Spiked Amount 50.000		Recovery =	99.66%
Target Compounds			
1) T n-Nonane (C9)	3.425	565160	4.674 ug/ml
2) T n-Decane (C10)	4.478	561052	4.635 ug/ml
4) T n-Dodecane (C12)	6.469	597748	4.726 ug/ml
6) T n-Tetradecane (C14)	8.242	638599	4.961 ug/ml
7) T n-Hexadecane (C16)	9.826	650898	4.943 ug/ml
8) T n-Octadecane (C18)	11.253	665359	4.878 ug/ml
10) T n-Eicosane (C20)	12.551	655291	4.695 ug/ml
11) T n-Heneicosane (C21)	13.158	652570	4.592 ug/ml
13) T n-Docosane (C22)	13.739	631586	4.445 ug/ml
14) T n-Tetracosane (C24)	14.834	606520	4.225 ug/ml
15) T n-Hexacosane (C26)	15.848	594498	4.157 ug/ml
16) T n-Octacosane (C28)	16.791	604021	4.261 ug/ml
17) T n-Tricontane (C30)	17.673	618284	4.409 ug/ml
18) T n-Dotriacontane (C32)	18.500	593230	4.466 ug/ml
19) T n-Tetratriacontane (C34)	19.280	568533	4.550 ug/ml
20) T n-Hexatriacontane (C36)	20.017	351695	3.043 ug/ml
21) T n-Octatriacontane (C38)	20.737	540258	5.076 ug/ml
22) T n-Tetracontane (C40)	21.617	535357	5.120 ug/ml

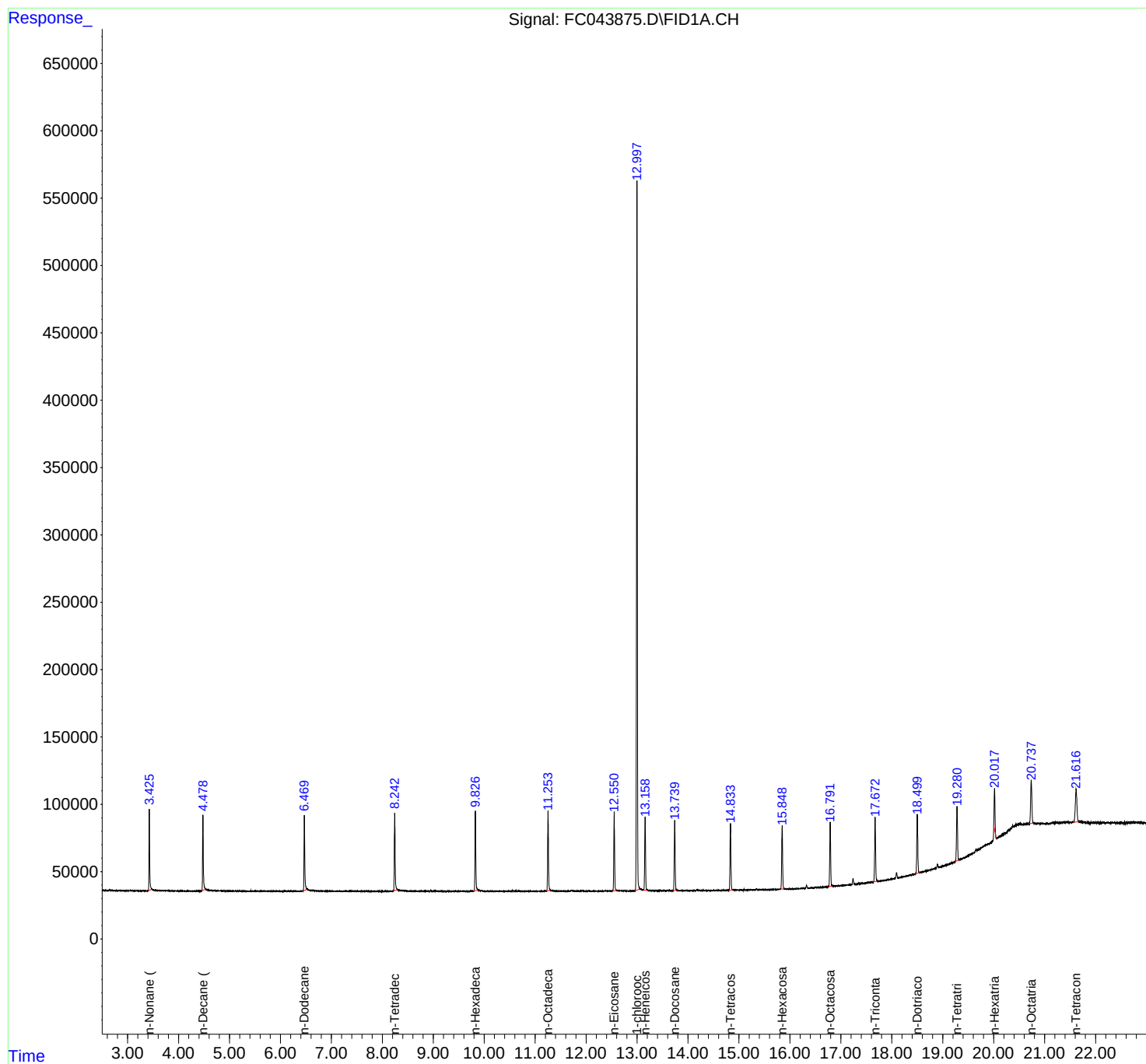
(f)=RT Delta > 1/2 Window

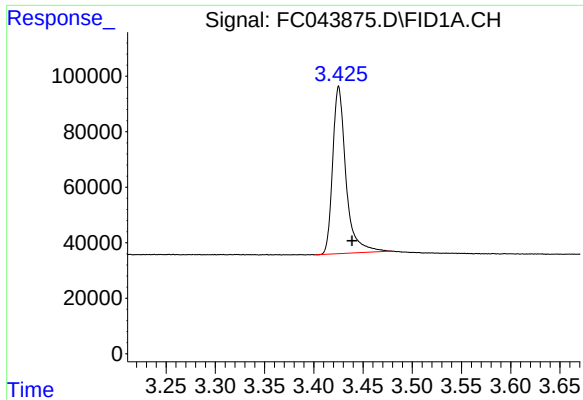
(m)=manual int.

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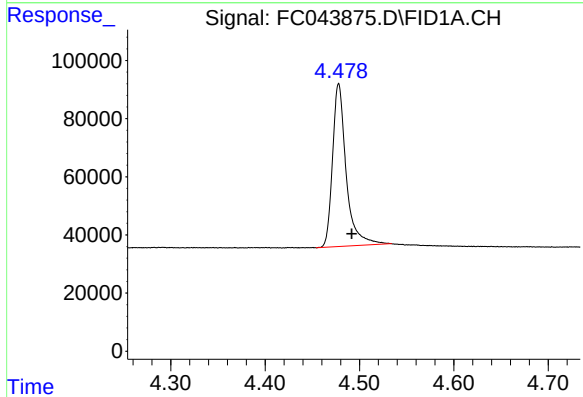
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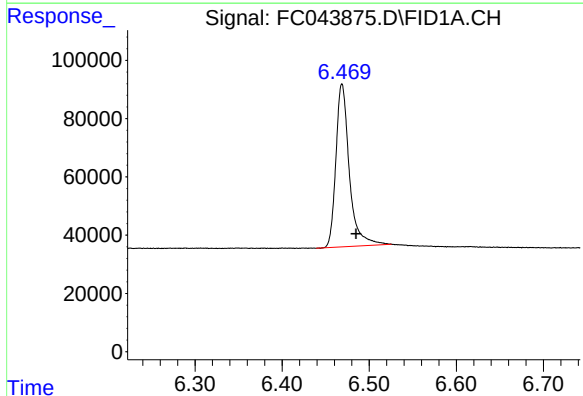
#1 n-Nonane (C9)

R.T.: 3.425 min
Delta R.T.: -0.014 min
Response: 565160
Conc: 4.67 ug/ml



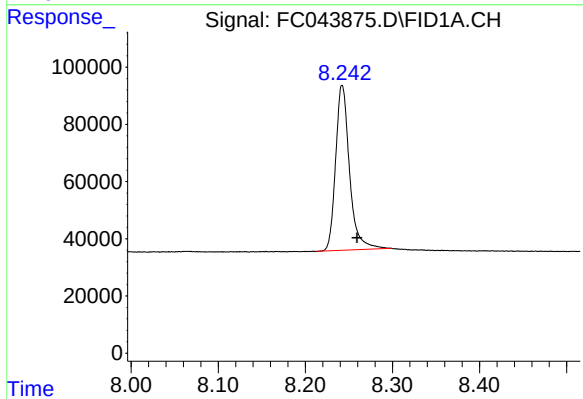
#2 n-Decane (C10)

R.T.: 4.478 min
Delta R.T.: -0.014 min
Response: 561052
Conc: 4.64 ug/ml



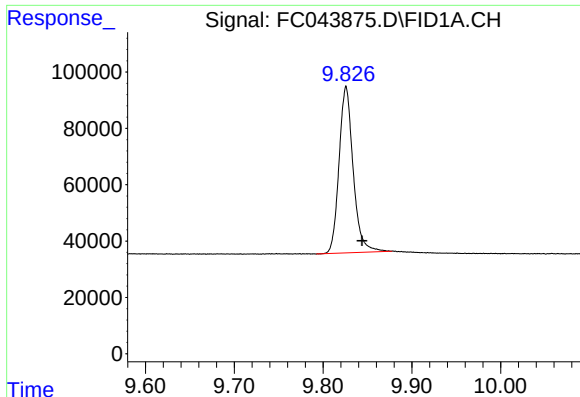
#4 n-Dodecane (C12)

R.T.: 6.469 min
Delta R.T.: -0.016 min
Response: 597748
Conc: 4.73 ug/ml



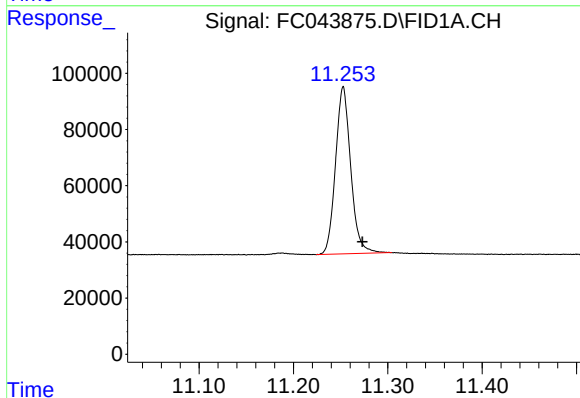
#6 n-Tetradecane (C14)

R.T.: 8.242 min
Delta R.T.: -0.017 min
Response: 638599
Conc: 4.96 ug/ml



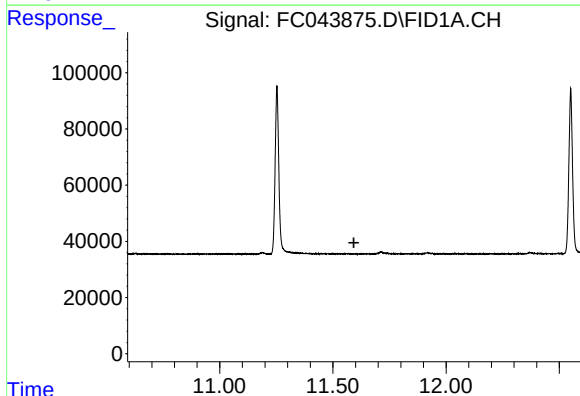
#7 n-Hexadecane (C16)

R.T.: 9.826 min
Delta R.T.: -0.018 min
Response: 650898
Conc: 4.94 ug/ml



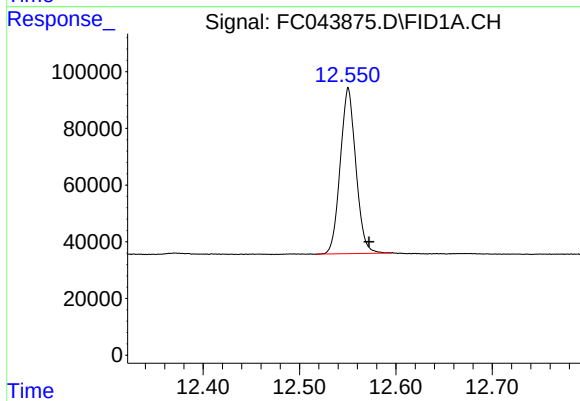
#8 n-Octadecane (C18)

R.T.: 11.253 min
Delta R.T.: -0.020 min
Response: 665359
Conc: 4.88 ug/ml



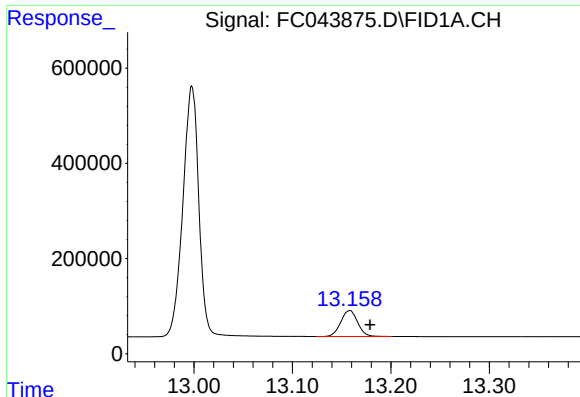
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.593 min
Response: 0
Conc: N.D.



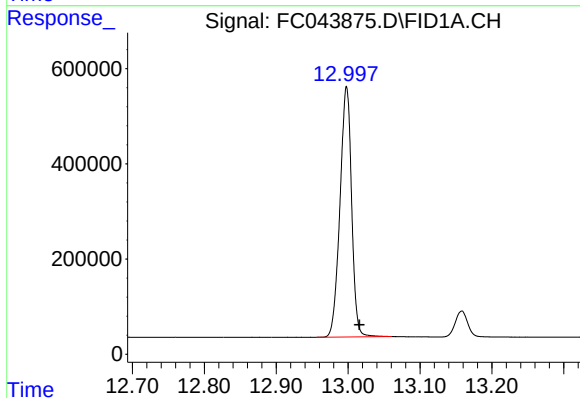
#10 n-Eicosane (C20)

R.T.: 12.551 min
Delta R.T.: -0.022 min
Response: 655291
Conc: 4.69 ug/ml



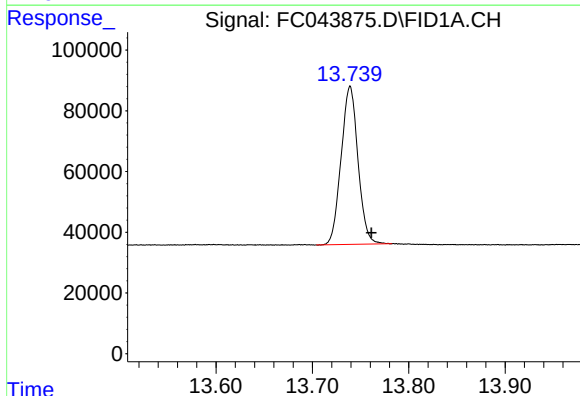
#11 n-Heneicosane (C21)

R.T.: 13.158 min
Delta R.T.: -0.020 min
Response: 652570
Conc: 4.59 ug/ml



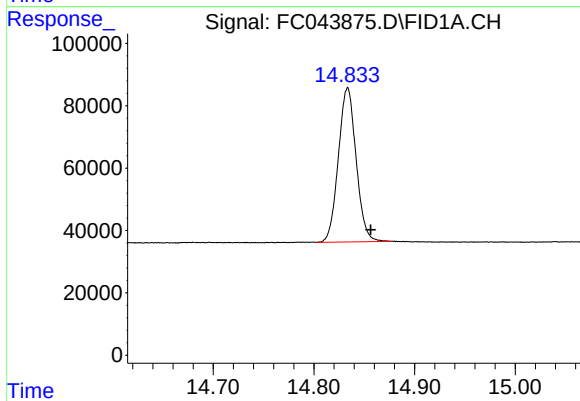
#12 1-chlorooctadecane (SURR)

R.T.: 12.998 min
Delta R.T.: -0.018 min
Response: 5908147
Conc: 49.83 ug/ml



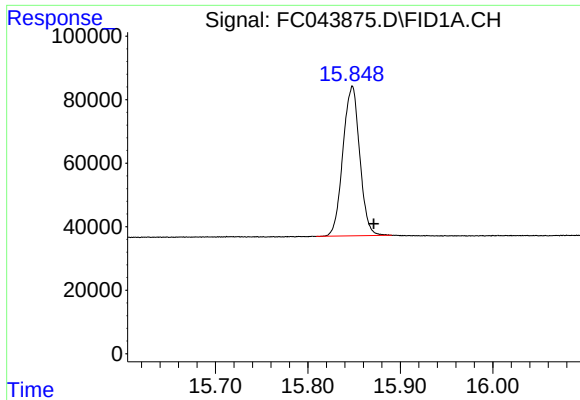
#13 n-Docosane (C22)

R.T.: 13.739 min
Delta R.T.: -0.022 min
Response: 631586
Conc: 4.45 ug/ml



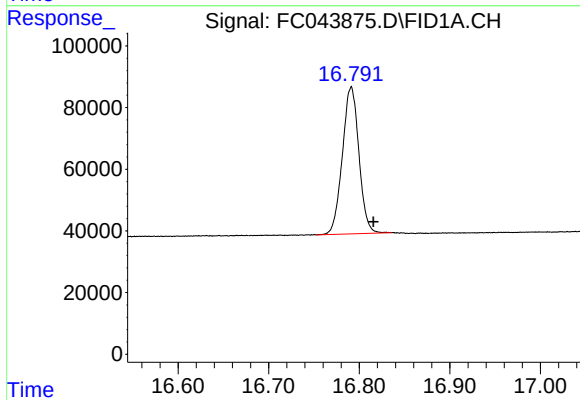
#14 n-Tetracosane (C24)

R.T.: 14.834 min
Delta R.T.: -0.023 min
Response: 606520
Conc: 4.22 ug/ml



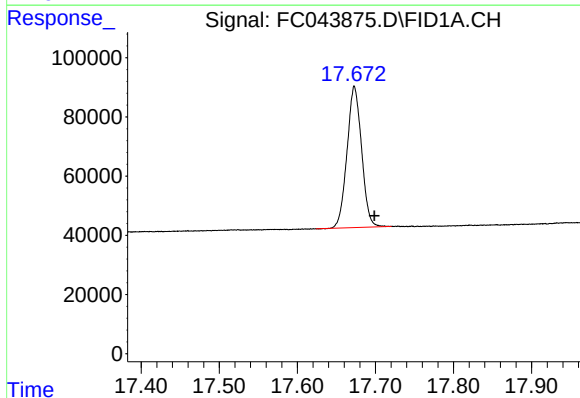
#15 n-Hexacosane (C26)

R.T.: 15.848 min
Delta R.T.: -0.023 min
Response: 594498
Conc: 4.16 ug/ml



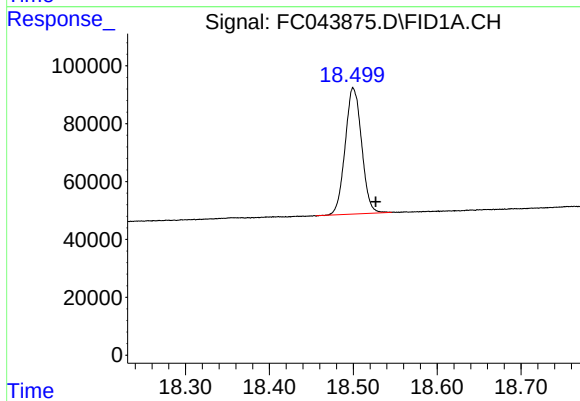
#16 n-Octacosane (C28)

R.T.: 16.791 min
Delta R.T.: -0.025 min
Response: 604021
Conc: 4.26 ug/ml



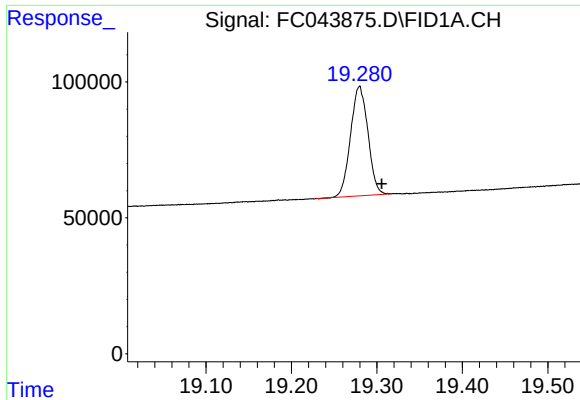
#17 n-Tricontane (C30)

R.T.: 17.673 min
Delta R.T.: -0.026 min
Response: 618284
Conc: 4.41 ug/ml



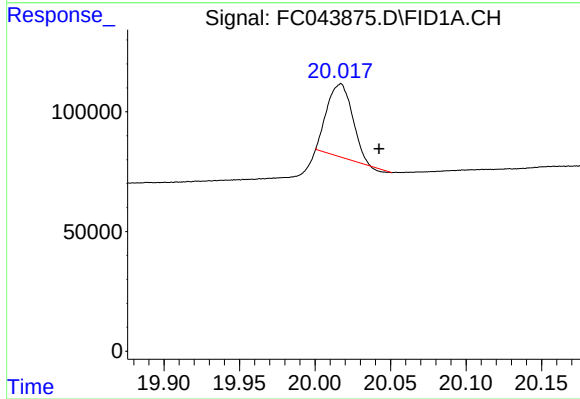
#18 n-Dotriacontane (C32)

R.T.: 18.500 min
Delta R.T.: -0.027 min
Response: 593230
Conc: 4.47 ug/ml



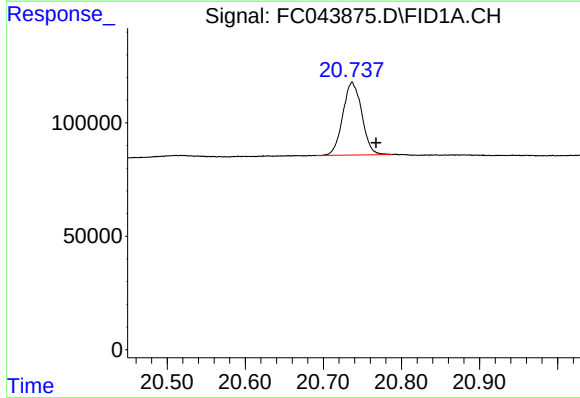
#19 n-Tetratriacontane (C34)

R.T.: 19.280 min
Delta R.T.: -0.026 min
Response: 568533
Conc: 4.55 ug/ml



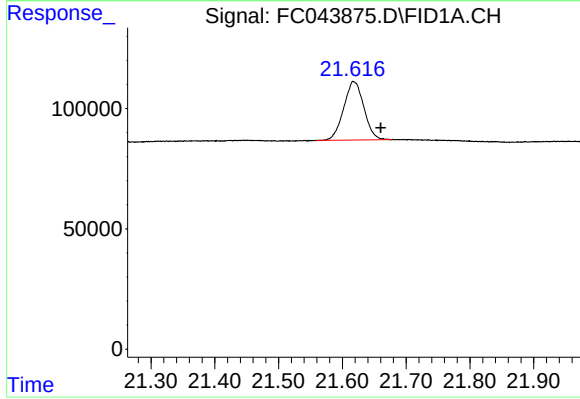
#20 n-Hexatriacontane (C36)

R.T.: 20.017 min
Delta R.T.: -0.026 min
Response: 351695
Conc: 3.04 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.737 min
Delta R.T.: -0.031 min
Response: 540258
Conc: 5.08 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.617 min
Delta R.T.: -0.043 min
Response: 535357
Conc: 5.12 ug/ml