

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101019AL\
 Data File : FC043874.D
 Signal(s) : FID1A.CH
 Acq On : 10 Oct 2019 12:07
 Operator : DD\AJ
 Sample : K5111-01
 Misc : LOD 2.5 PPM
 ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 11 01:42:29 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...	12.996	3562154	30.045 ug/ml
Spiked Amount 50.000		Recovery =	60.09%
Target Compounds			
1) T n-Nonane (C9)	3.428	153036	1.266 ug/mlm
2) T n-Decane (C10)	4.480	157244	1.299 ug/ml
4) T n-Dodecane (C12)	6.470	244360	1.932 ug/ml
6) T n-Tetradecane (C14)	8.243	269025	2.090 ug/ml
7) T n-Hexadecane (C16)	9.826	244595	1.858 ug/ml
8) T n-Octadecane (C18)	11.253	253437	1.858 ug/ml
10) T n-Eicosane (C20)	12.551	260157	1.864 ug/ml
11) T n-Heneicosane (C21)	13.158	256045	1.802 ug/ml
13) T n-Docosane (C22)	13.740	255914	1.801 ug/ml
14) T n-Tetracosane (C24)	14.833	244985	1.707 ug/ml
15) T n-Hexacosane (C26)	15.847	241152	1.686 ug/ml
16) T n-Octacosane (C28)	16.790	237136	1.673 ug/ml
17) T n-Tricontane (C30)	17.673	244775	1.745 ug/ml
18) T n-Dotriacontane (C32)	18.500	237736	1.790 ug/ml
19) T n-Tetratriacontane (C34)	19.280	219419	1.756 ug/ml
20) T n-Hexatriacontane (C36)	20.016	205927	1.782 ug/mlm
21) T n-Octatriacontane (C38)	20.735	184351	1.732 ug/mlm
22) T n-Tetracontane (C40)	21.615	197879	1.893 ug/mlm

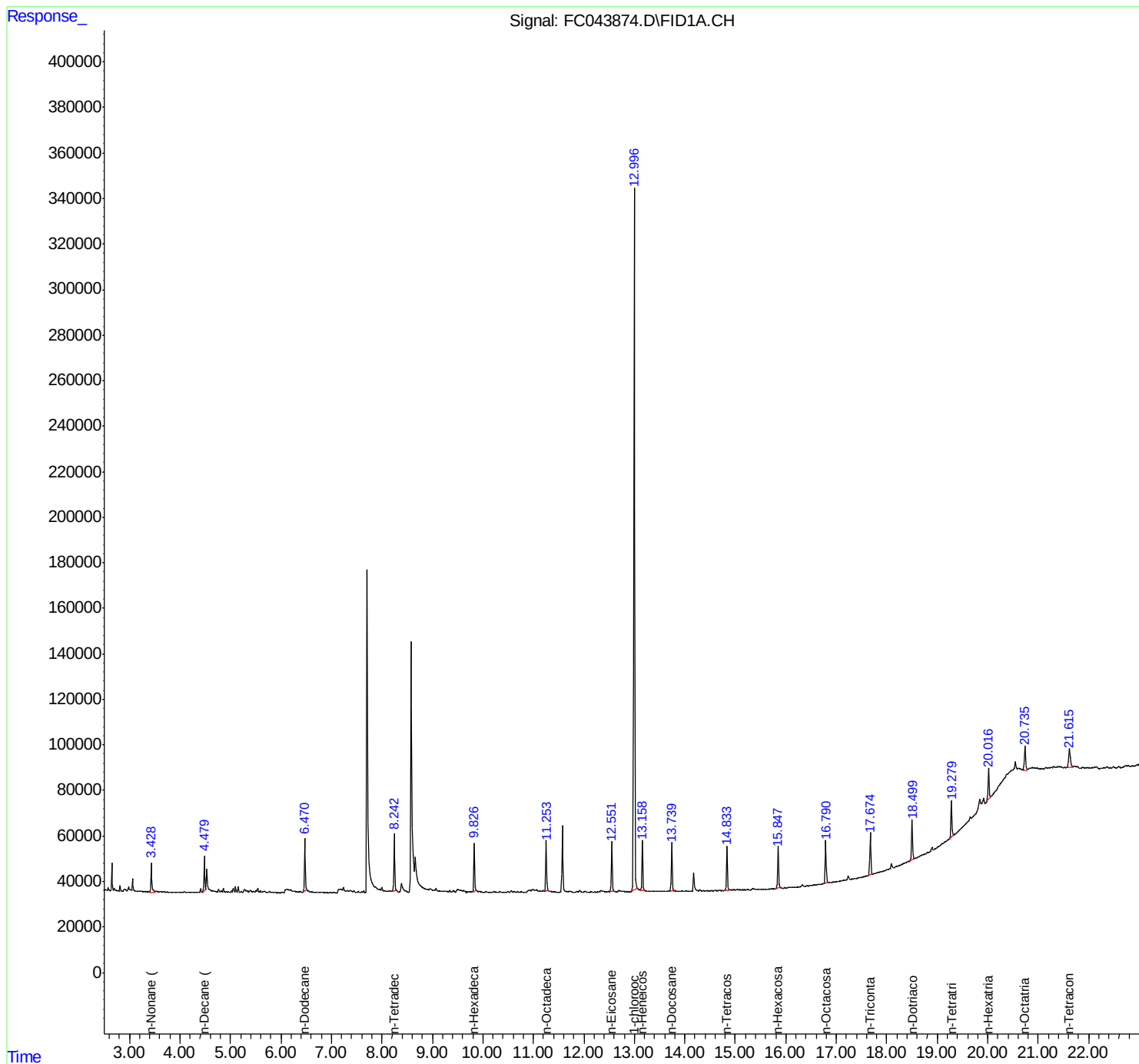
(f)=RT Delta > 1/2 Window

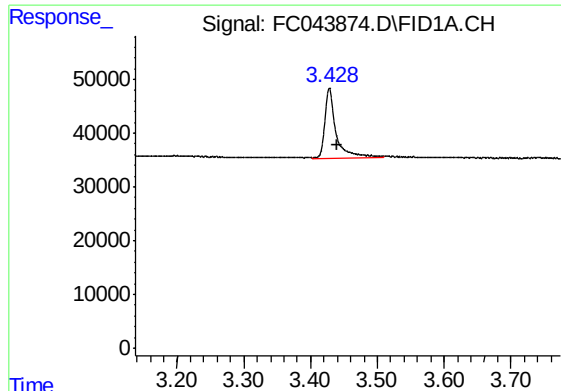
(m)=manual int.

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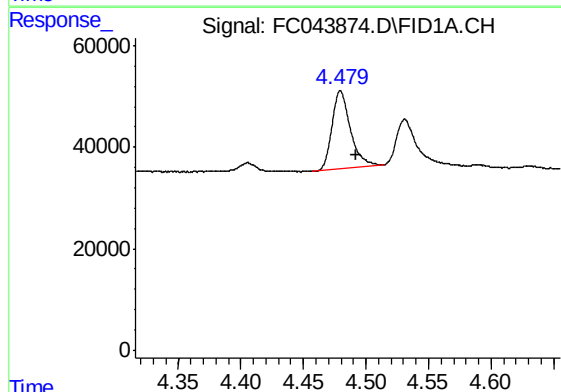
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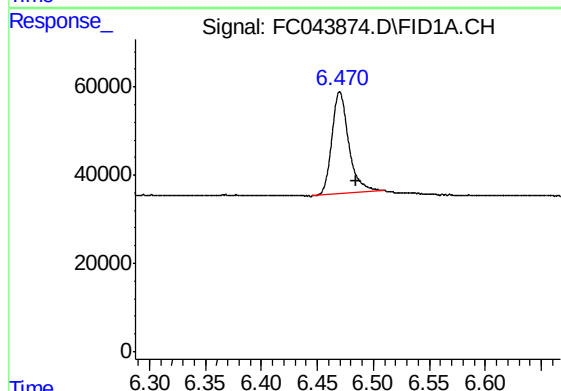
#1 n-Nonane (C9)

R.T.: 3.428 min
Delta R.T.: -0.011 min
Response: 153036
Conc: 1.27 ug/ml m



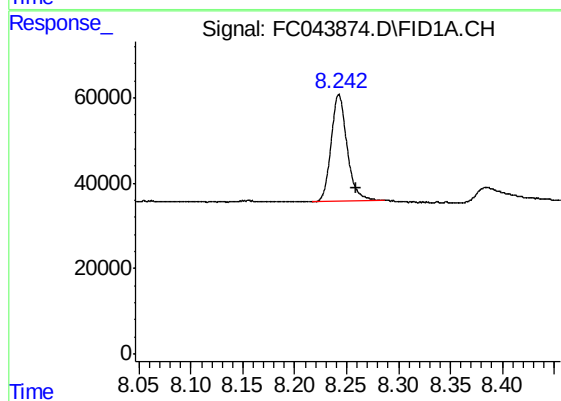
#2 n-Decane (C10)

R.T.: 4.480 min
Delta R.T.: -0.012 min
Response: 157244
Conc: 1.30 ug/ml



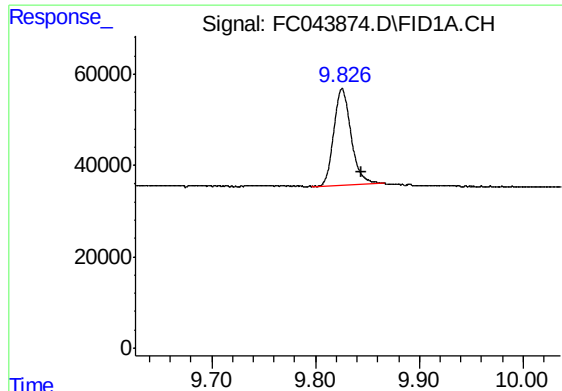
#4 n-Dodecane (C12)

R.T.: 6.470 min
Delta R.T.: -0.015 min
Response: 244360
Conc: 1.93 ug/ml



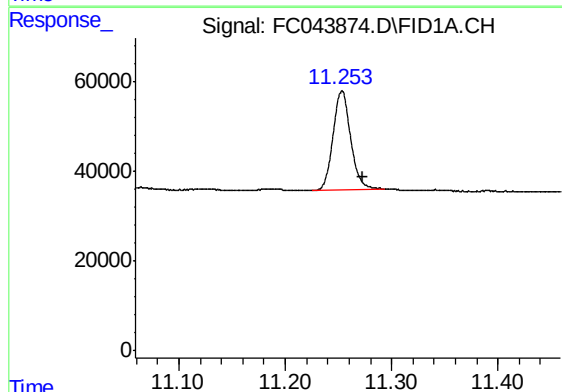
#6 n-Tetradecane (C14)

R.T.: 8.243 min
Delta R.T.: -0.017 min
Response: 269025
Conc: 2.09 ug/ml



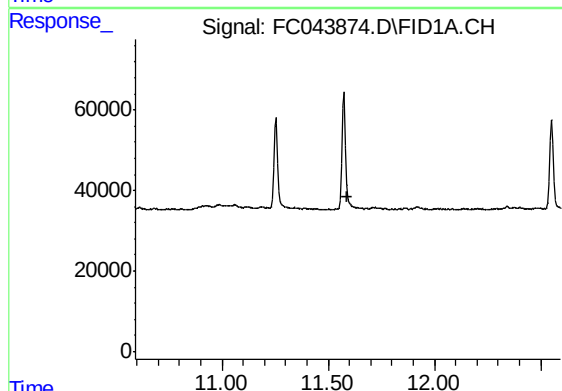
#7 n-Hexadecane (C16)

R.T.: 9.826 min
Delta R.T.: -0.018 min
Response: 244595
Conc: 1.86 ug/ml



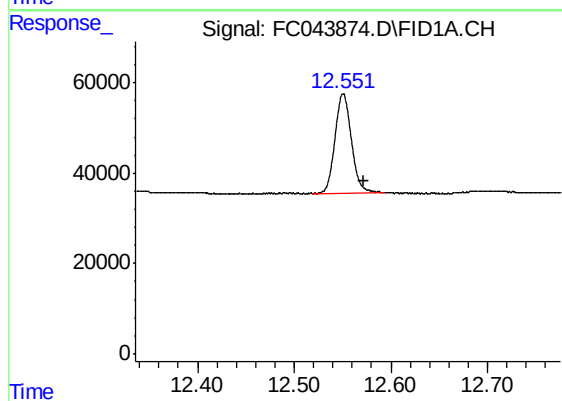
#8 n-Octadecane (C18)

R.T.: 11.253 min
Delta R.T.: -0.020 min
Response: 253437
Conc: 1.86 ug/ml



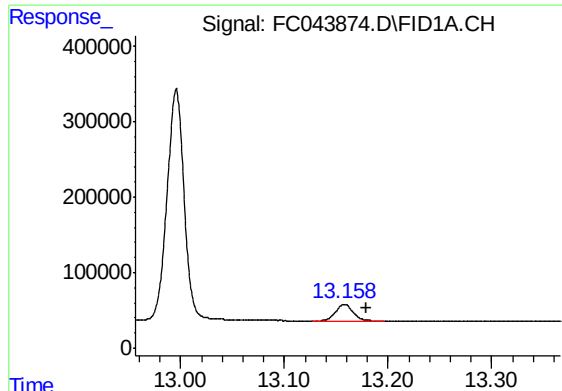
#9 ortho-Terphenyl (SURRE)

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



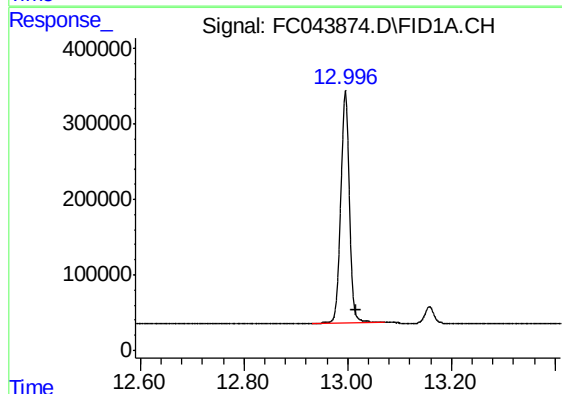
#10 n-Eicosane (C20)

R.T.: 12.551 min
Delta R.T.: -0.022 min
Response: 260157
Conc: 1.86 ug/ml



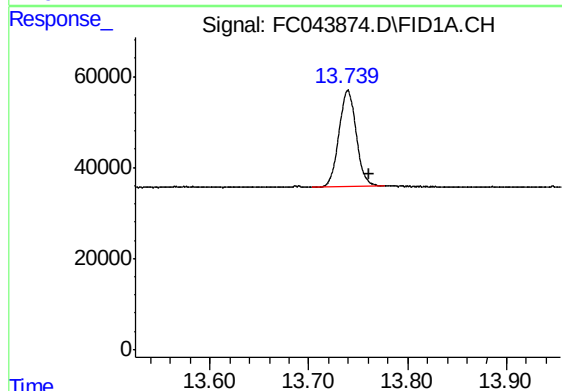
#11 n-Heneicosane (C21)

R.T.: 13.158 min
Delta R.T.: -0.021 min
Response: 256045
Conc: 1.80 ug/ml



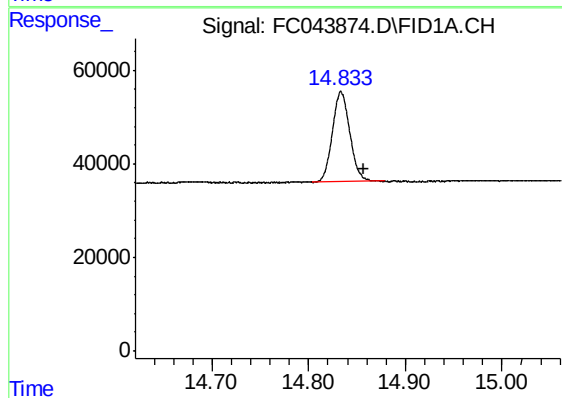
#12 1-chlorooctadecane (SURR)

R.T.: 12.996 min
Delta R.T.: -0.020 min
Response: 3562154
Conc: 30.04 ug/ml



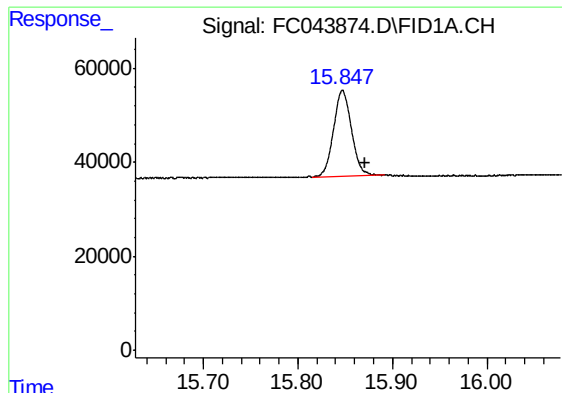
#13 n-Docosane (C22)

R.T.: 13.740 min
Delta R.T.: -0.022 min
Response: 255914
Conc: 1.80 ug/ml



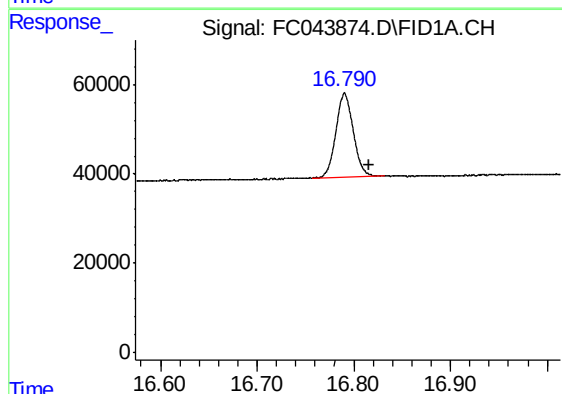
#14 n-Tetracosane (C24)

R.T.: 14.833 min
Delta R.T.: -0.023 min
Response: 244985
Conc: 1.71 ug/ml



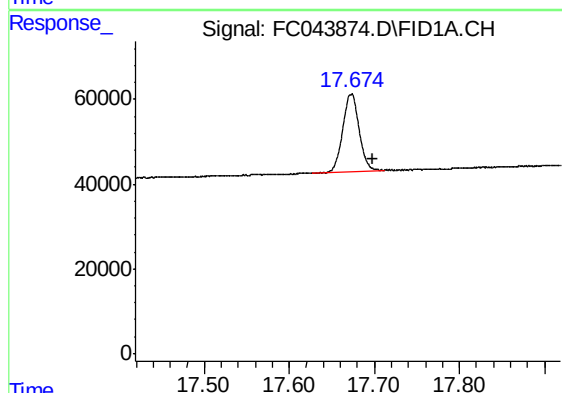
#15 n-Hexacosane (C26)

R.T.: 15.847 min
Delta R.T.: -0.024 min
Response: 241152
Conc: 1.69 ug/ml



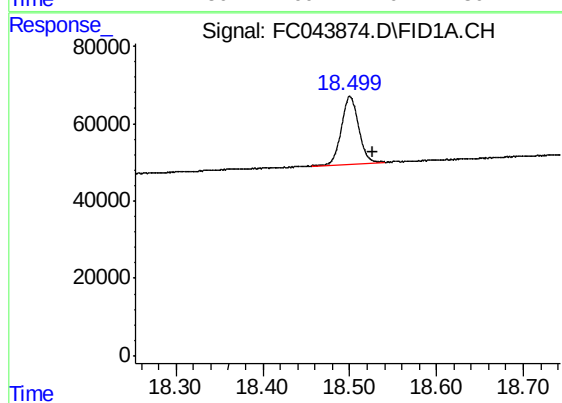
#16 n-Octacosane (C28)

R.T.: 16.790 min
Delta R.T.: -0.025 min
Response: 237136
Conc: 1.67 ug/ml



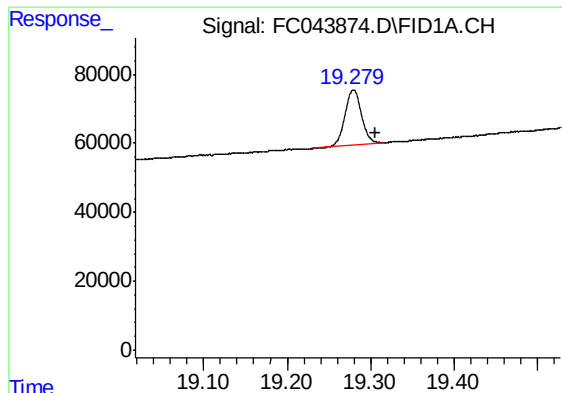
#17 n-Tricontane (C30)

R.T.: 17.673 min
Delta R.T.: -0.025 min
Response: 244775
Conc: 1.75 ug/ml



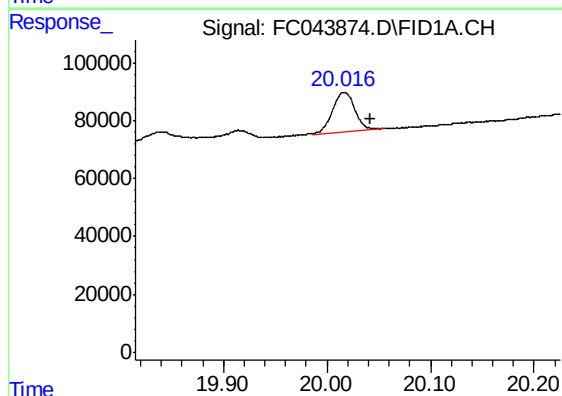
#18 n-Dotriacontane (C32)

R.T.: 18.500 min
Delta R.T.: -0.026 min
Response: 237736
Conc: 1.79 ug/ml



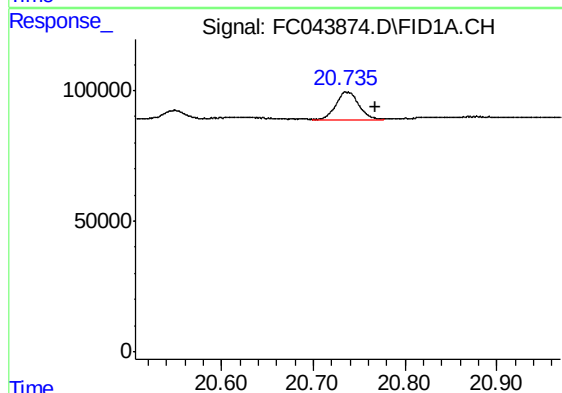
#19 n-Tetratriacontane (C34)

R.T.: 19.280 min
Delta R.T.: -0.026 min
Response: 219419
Conc: 1.76 ug/ml



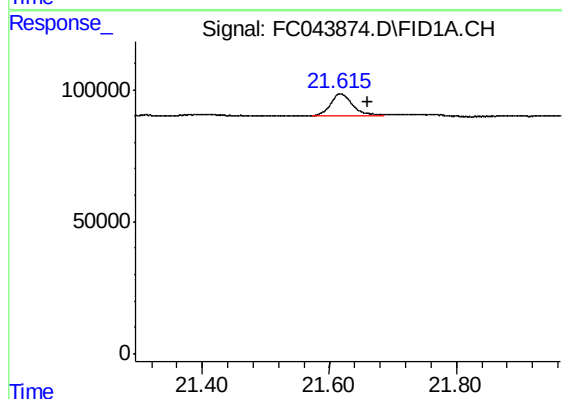
#20 n-Hexatriacontane (C36)

R.T.: 20.016 min
Delta R.T.: -0.027 min
Response: 205927
Conc: 1.78 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.735 min
Delta R.T.: -0.033 min
Response: 184351
Conc: 1.73 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.615 min
Delta R.T.: -0.045 min
Response: 197879
Conc: 1.89 ug/ml m