

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071521AL\
 Data File : FC054713.D
 Signal(s) : FID1A.CH
 Acq On : 15 Jul 2021 11:13
 Operator : AJ\MA
 Sample : M2940-07
 Misc : LOD 2.5 PPM
 ALS Vial : 4 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 16 03:41:18 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 062521.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 26 02:10:35 2021
 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...	12.766	5826999	52.272 ug/ml
Spiked Amount 50.000		Recovery =	104.54%
Target Compounds			
1) T n-Nonane (C9)	3.137	226558	1.927 ug/ml
2) T n-Decane (C10)	4.190	228152	1.921 ug/ml
4) T n-Dodecane (C12)	6.195	239985	2.002 ug/ml
6) T n-Tetradecane (C14)	7.982	249582	2.048 ug/ml
7) T n-Hexadecane (C16)	9.578	264565	2.124 ug/ml
8) T n-Octadecane (C18)	11.015	285038	2.207 ug/ml
10) T n-Eicosane (C20)	12.320	270047	2.075 ug/ml
11) T n-Heneicosane (C21)	12.930	273876	2.063 ug/ml
13) T n-Docosane (C22)	13.515	273154	2.062 ug/ml
14) T n-Tetracosane (C24)	14.615	263460	1.946 ug/ml
15) T n-Hexacosane (C26)	15.633	260740	1.924 ug/ml
16) T n-Octacosane (C28)	16.583	236681	1.724 ug/ml
17) T n-Tricontane (C30)	17.468	256935	1.855 ug/ml
18) T n-Dotriacontane (C32)	18.299	252053	1.842 ug/ml
19) T n-Tetratriacontane (C34)	19.082	241602	1.788 ug/ml
20) T n-Hexatriacontane (C36)	19.820	221910	1.798 ug/ml
21) T n-Octatriacontane (C38)	20.525	224407	1.984 ug/mlm
22) T n-Tetracontane (C40)	21.342	242670	2.147 ug/mlm

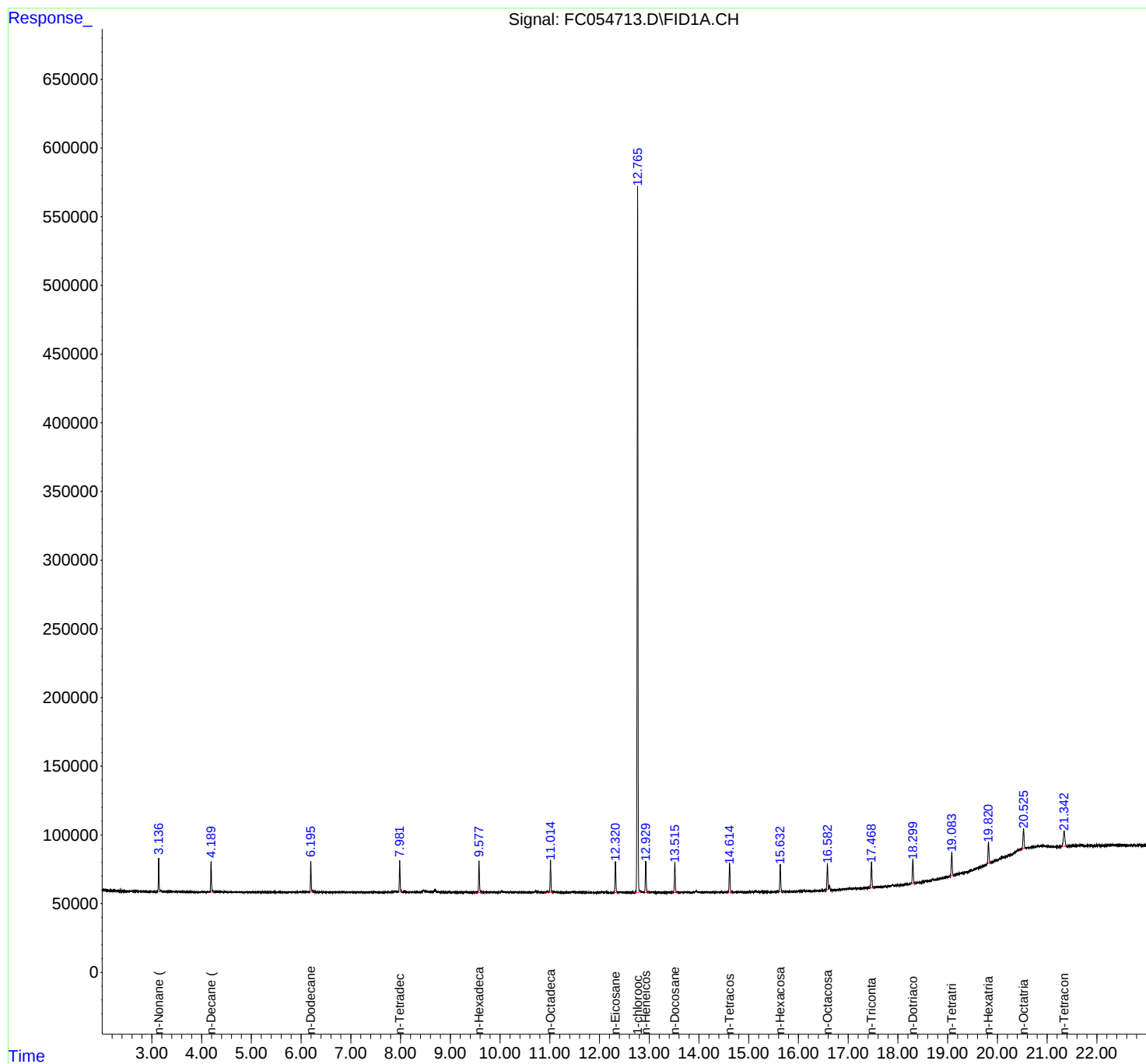
(f)=RT Delta > 1/2 Window

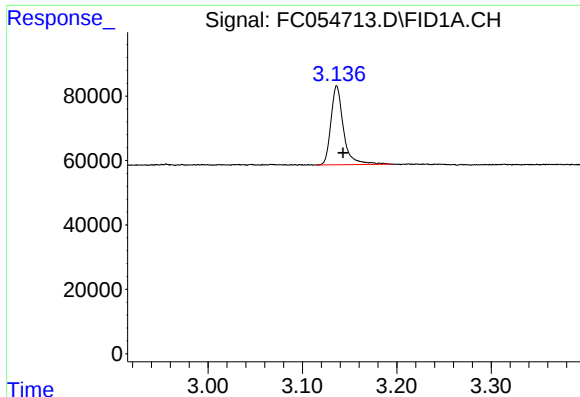
(m)=manual int.

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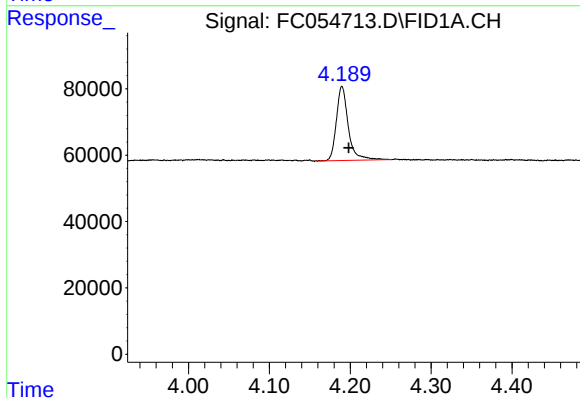
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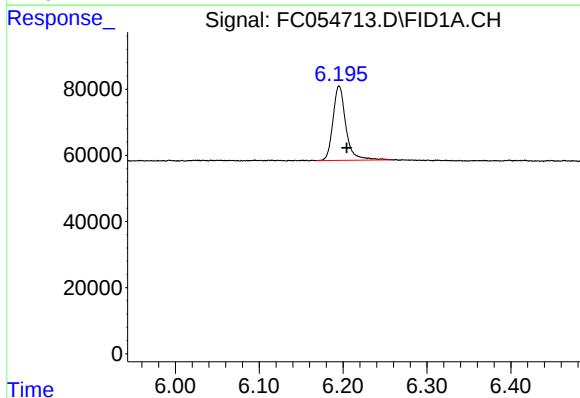
#1 n-Nonane (C9)

R.T.: 3.137 min
Delta R.T.: -0.006 min
Response: 226558
Conc: 1.93 ug/ml



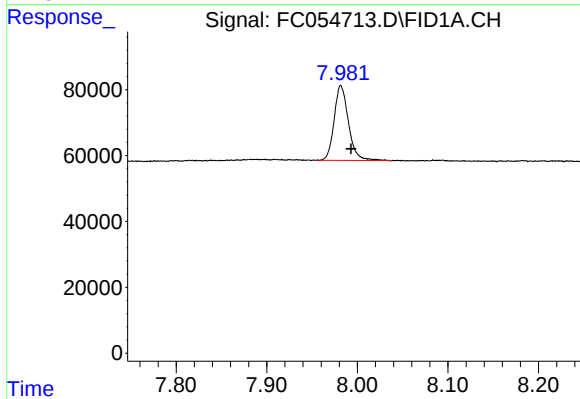
#2 n-Decane (C10)

R.T.: 4.190 min
Delta R.T.: -0.008 min
Response: 228152
Conc: 1.92 ug/ml



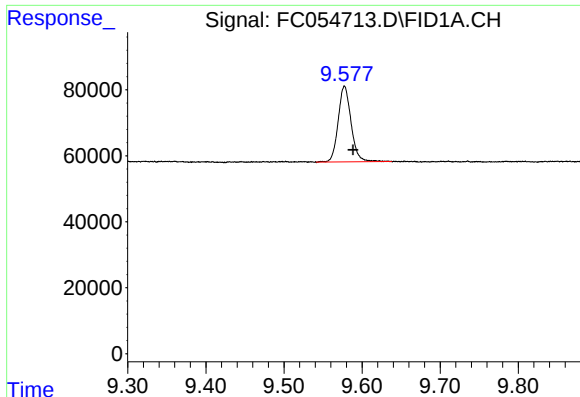
#4 n-Dodecane (C12)

R.T.: 6.195 min
Delta R.T.: -0.009 min
Response: 239985
Conc: 2.00 ug/ml



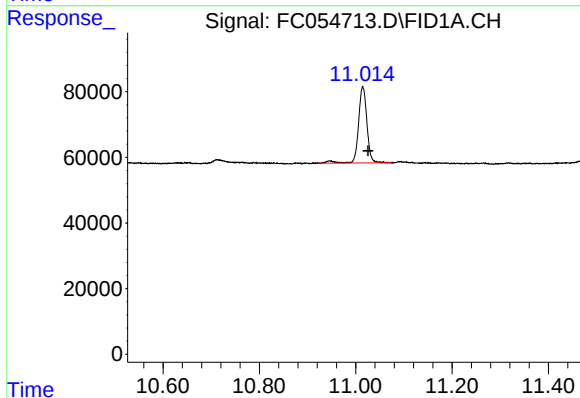
#6 n-Tetradecane (C14)

R.T.: 7.982 min
Delta R.T.: -0.011 min
Response: 249582
Conc: 2.05 ug/ml



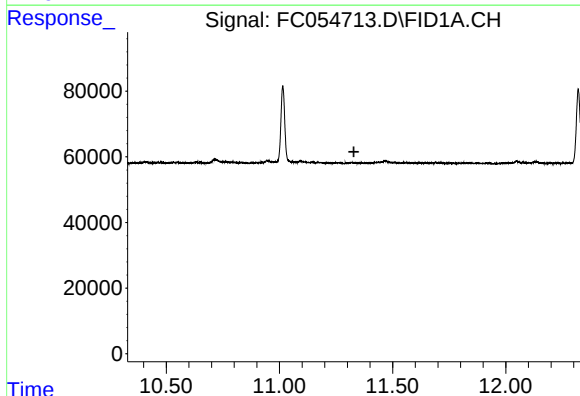
#7 n-Hexadecane (C16)

R.T.: 9.578 min
Delta R.T.: -0.011 min
Response: 264565
Conc: 2.12 ug/ml



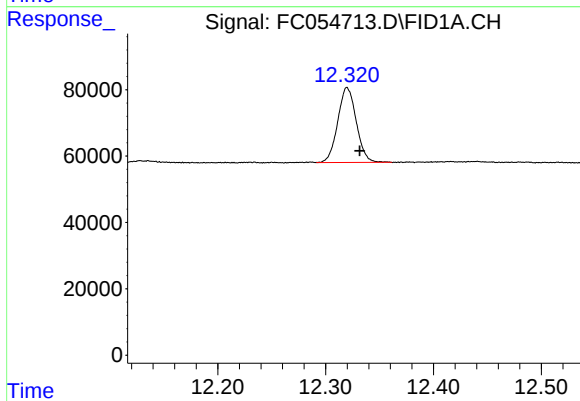
#8 n-Octadecane (C18)

R.T.: 11.015 min
Delta R.T.: -0.011 min
Response: 285038
Conc: 2.21 ug/ml



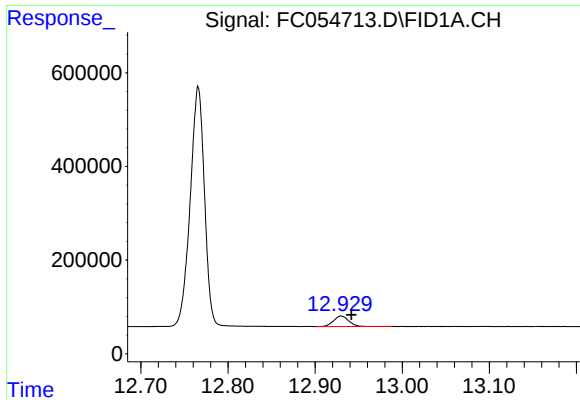
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.329 min
Response: 0
Conc: N.D.



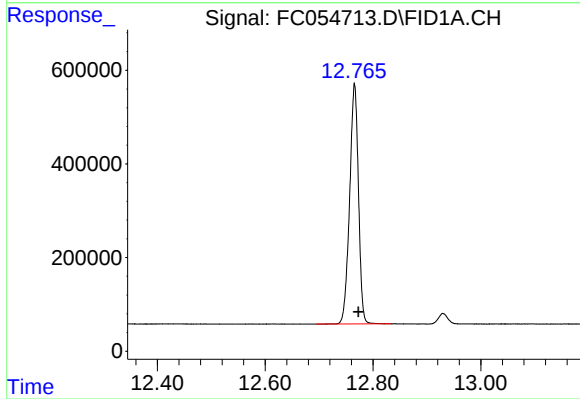
#10 n-Eicosane (C20)

R.T.: 12.320 min
Delta R.T.: -0.012 min
Response: 270047
Conc: 2.08 ug/ml



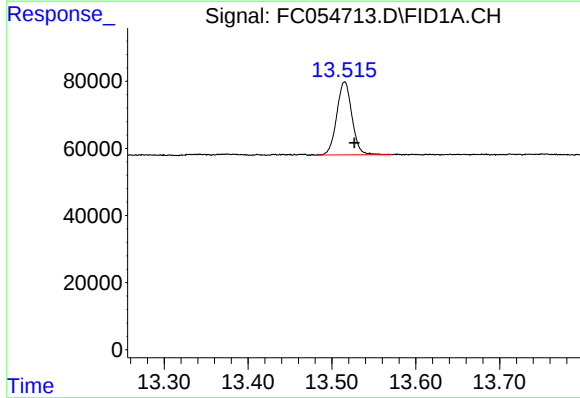
#11 n-Heneicosane (C21)

R.T.: 12.930 min
Delta R.T.: -0.012 min
Response: 273876
Conc: 2.06 ug/ml



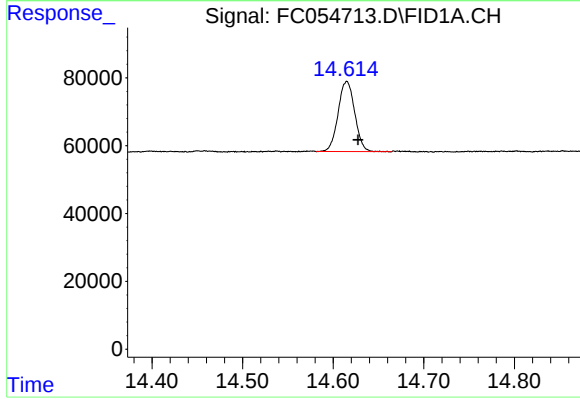
#12 1-chlorooctadecane (SURR)

R.T.: 12.766 min
Delta R.T.: -0.007 min
Response: 5826999
Conc: 52.27 ug/ml



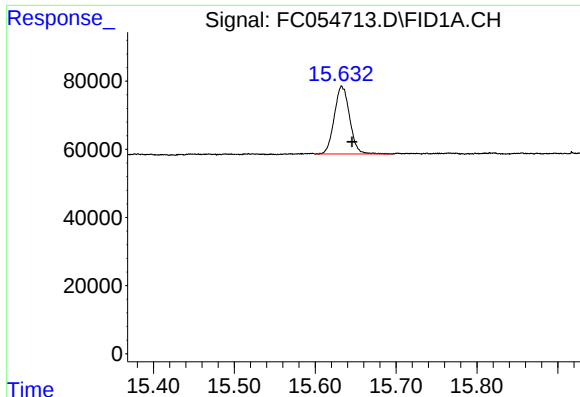
#13 n-Docosane (C22)

R.T.: 13.515 min
Delta R.T.: -0.012 min
Response: 273154
Conc: 2.06 ug/ml



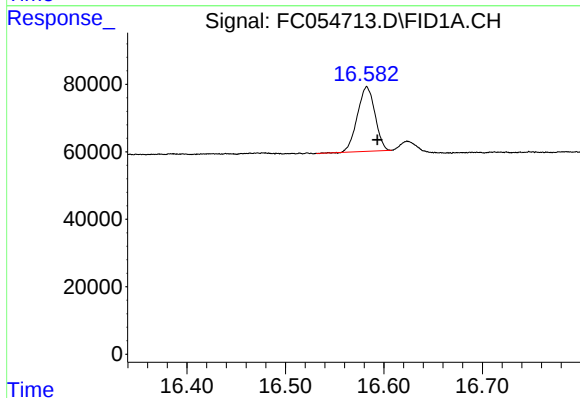
#14 n-Tetracosane (C24)

R.T.: 14.615 min
Delta R.T.: -0.013 min
Response: 263460
Conc: 1.95 ug/ml



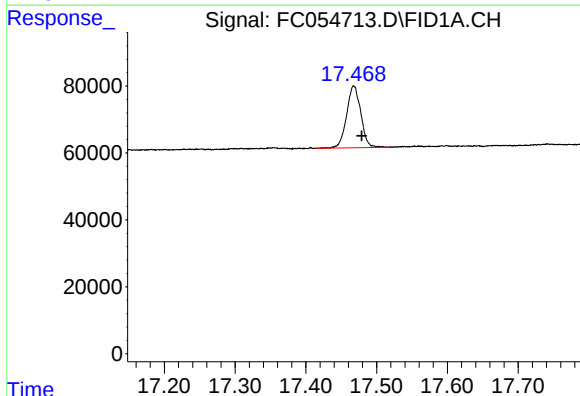
#15 n-Hexacosane (C26)

R.T.: 15.633 min
Delta R.T.: -0.012 min
Response: 260740
Conc: 1.92 ug/ml



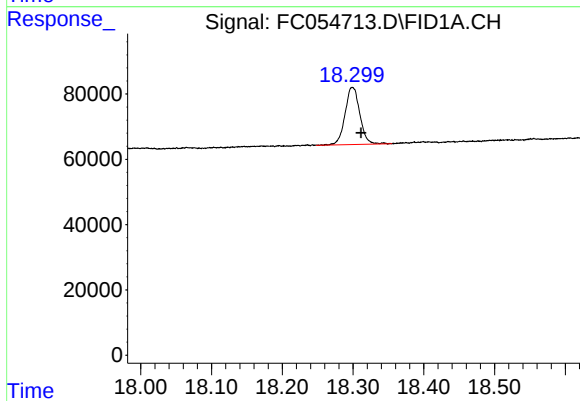
#16 n-Octacosane (C28)

R.T.: 16.583 min
Delta R.T.: -0.011 min
Response: 236681
Conc: 1.72 ug/ml



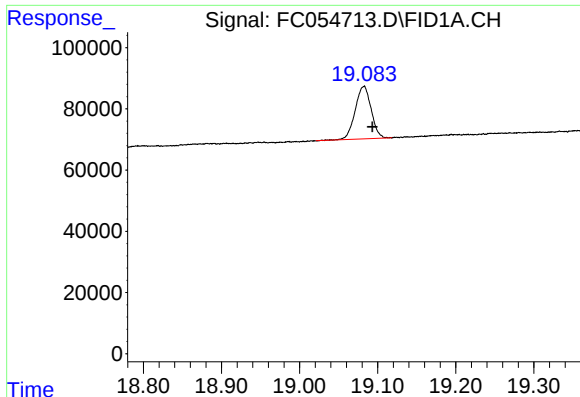
#17 n-Tricontane (C30)

R.T.: 17.468 min
Delta R.T.: -0.011 min
Response: 256935
Conc: 1.86 ug/ml



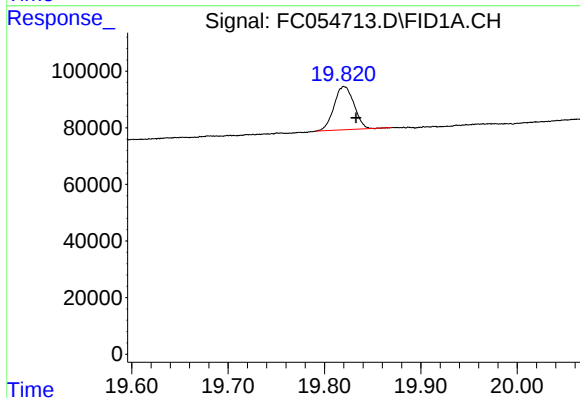
#18 n-Dotriacontane (C32)

R.T.: 18.299 min
Delta R.T.: -0.012 min
Response: 252053
Conc: 1.84 ug/ml



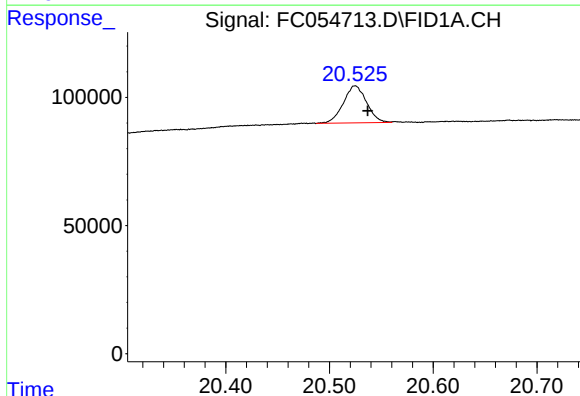
#19 n-Tetratriacontane (C34)

R.T.: 19.082 min
Delta R.T.: -0.011 min
Response: 241602
Conc: 1.79 ug/ml



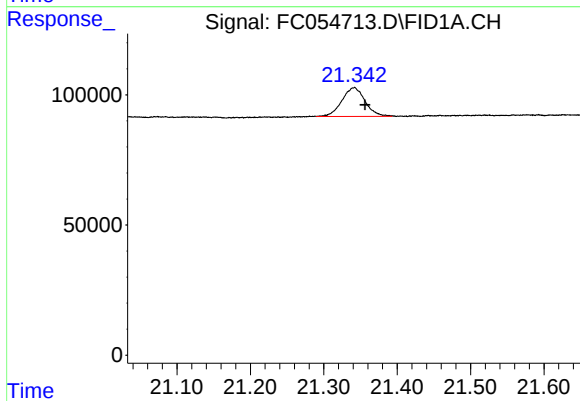
#20 n-Hexatriacontane (C36)

R.T.: 19.820 min
Delta R.T.: -0.012 min
Response: 221910
Conc: 1.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.525 min
Delta R.T.: -0.012 min
Response: 224407
Conc: 1.98 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.342 min
Delta R.T.: -0.014 min
Response: 242670
Conc: 2.15 ug/ml m