

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121421AL\
 Data File : FC057464.D
 Signal(s) : FID1A.CH
 Acq On : 14 Dec 2021 19:54
 Operator : AJ\MA
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 14 20:40:45 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121421.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 20:07:02 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			
9) S ortho-Terphenyl (SURR)	10.875	777724	5.758 ug/ml
Spiked Amount 50.000		Recovery =	11.52%
12) S 1-chlorooctadecane (S...	12.310	603915	5.580 ug/ml
Spiked Amount 50.000		Recovery =	11.16%
Target Compounds			
1) T n-Nonane (C9)	2.723	698328	5.843 ug/ml
2) T n-Decane (C10)	3.733	703393	5.836 ug/ml
3) T A~Naphthalene (C11.7)	5.301	780751	5.810 ug/ml
4) T n-Dodecane (C12)	5.723	692579	5.784 ug/ml
5) T A~2-methylnaphthalene...	6.348	785615	5.797 ug/ml
6) T n-Tetradecane (C14)	7.513	690430	5.741 ug/ml
7) T n-Hexadecane (C16)	9.113	700144	5.752 ug/ml
8) T n-Octadecane (C18)	10.554	720793	5.732 ug/ml
10) T n-Eicosane (C20)	11.864	732563	5.825 ug/ml
11) T n-Heneicosane (C21)	12.475	730746	5.731 ug/ml
13) T n-Docosane (C22)	13.061	735191	5.764 ug/ml
14) T n-Tetracosane (C24)	14.164	741682	5.742 ug/ml
15) T n-Hexacosane (C26)	15.185	733291	5.763 ug/ml
16) T n-Octacosane (C28)	16.136	743606	5.846 ug/ml
17) T n-Tricontane (C30)	17.023	780592	5.922 ug/ml
18) T n-Dotriacontane (C32)	17.857	742711	5.693 ug/ml
19) T n-Tetratriacontane (C34)	18.641	712598	5.595 ug/ml
20) T n-Hexatriacontane (C36)	19.381	643096	5.531 ug/ml
21) T n-Octatriacontane (C38)	20.117	604675	5.648 ug/ml
22) T n-Tetracontane (C40)	21.026	501101	5.024 ug/ml

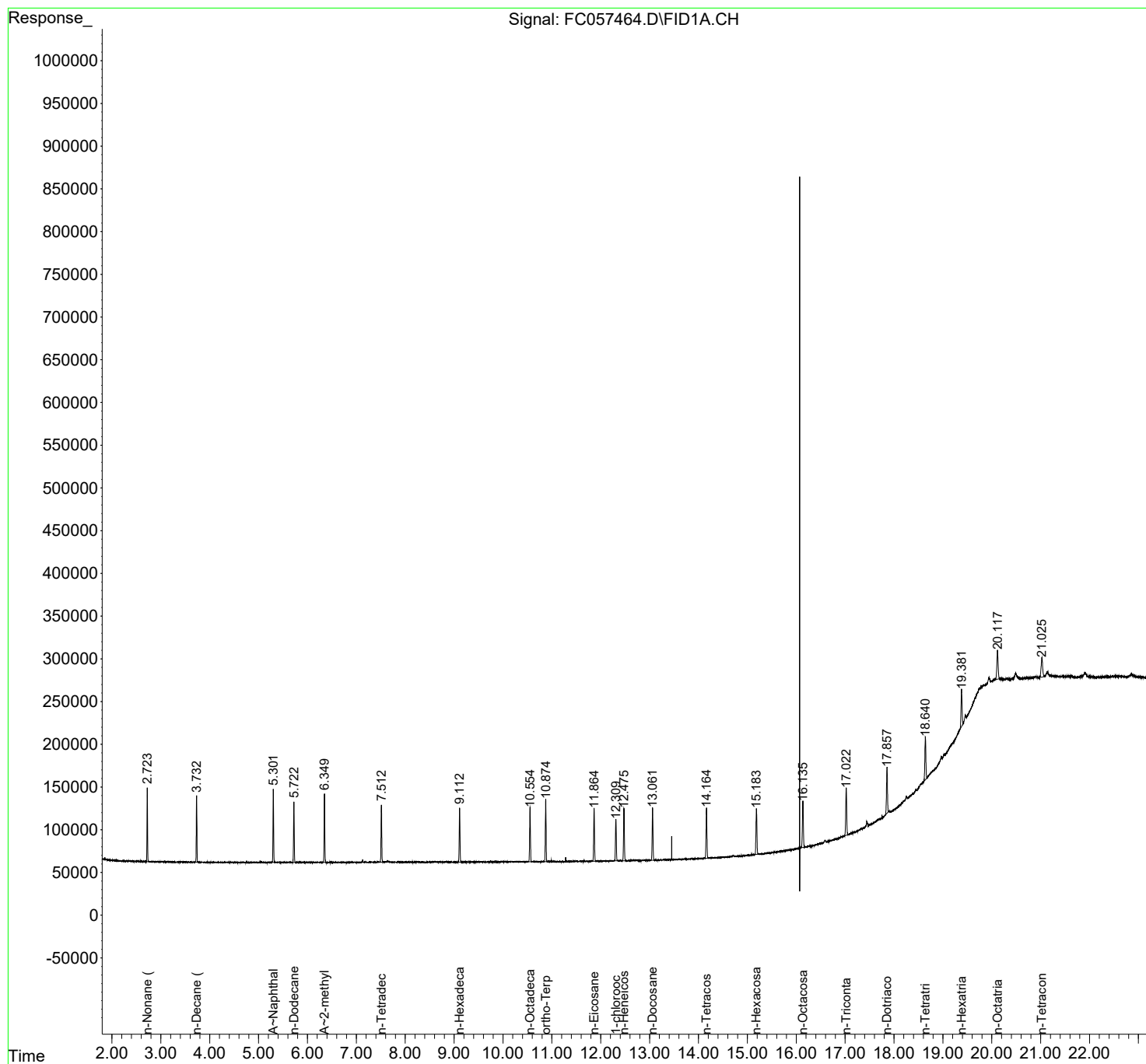
(f)=RT Delta > 1/2 Window

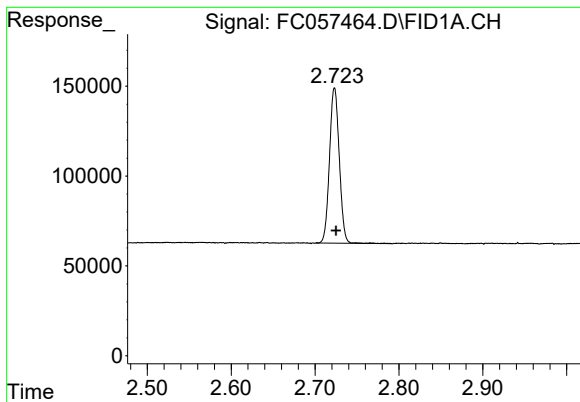
(m)=manual int.

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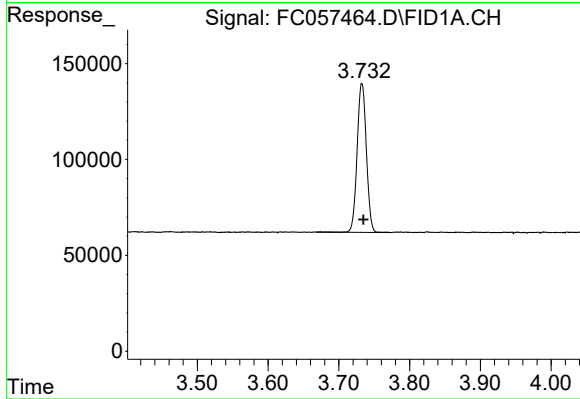
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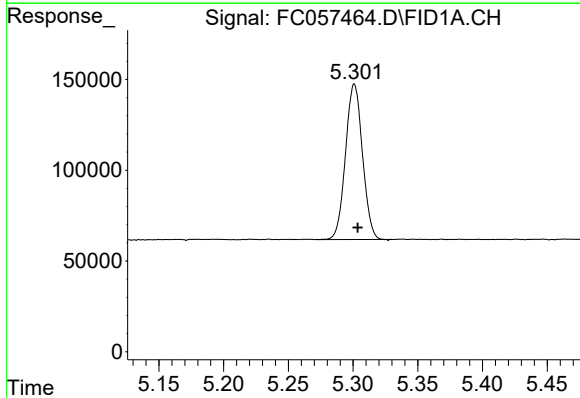
#1 n-Nonane (C9)

R.T.: 2.723 min
Delta R.T.: -0.002 min
Response: 698328
Conc: 5.84 ug/ml



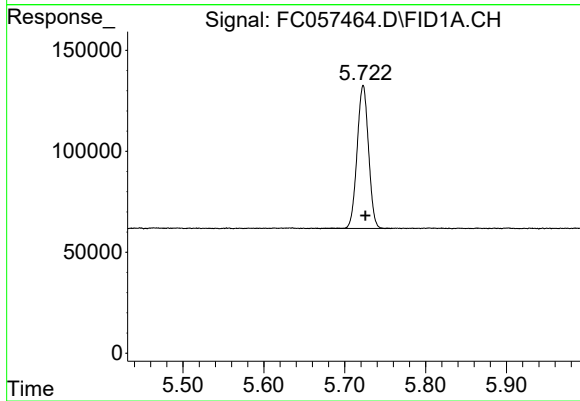
#2 n-Decane (C10)

R.T.: 3.733 min
Delta R.T.: -0.002 min
Response: 703393
Conc: 5.84 ug/ml



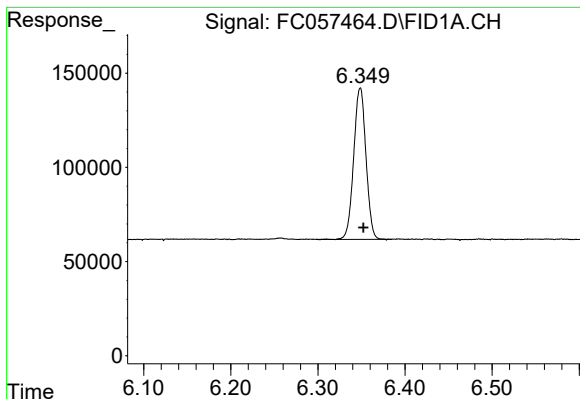
#3 A~Naphthalene (C11.7)

R.T.: 5.301 min
Delta R.T.: -0.003 min
Response: 780751
Conc: 5.81 ug/ml



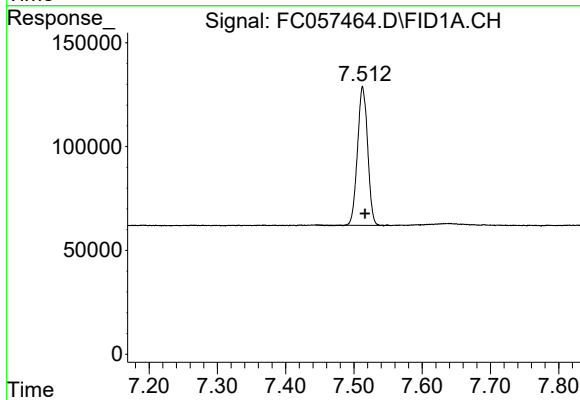
#4 n-Dodecane (C12)

R.T.: 5.723 min
Delta R.T.: -0.003 min
Response: 692579
Conc: 5.78 ug/ml



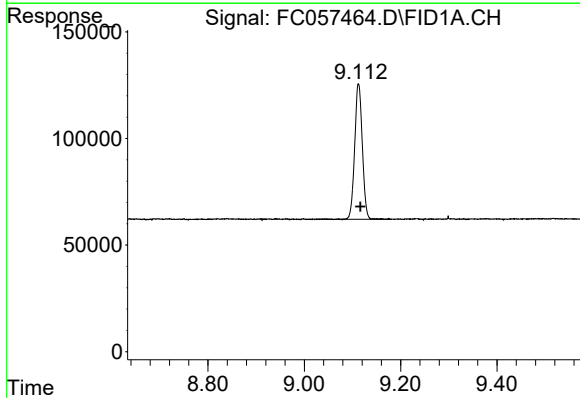
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.348 min
Delta R.T.: -0.004 min
Response: 785615
Conc: 5.80 ug/ml



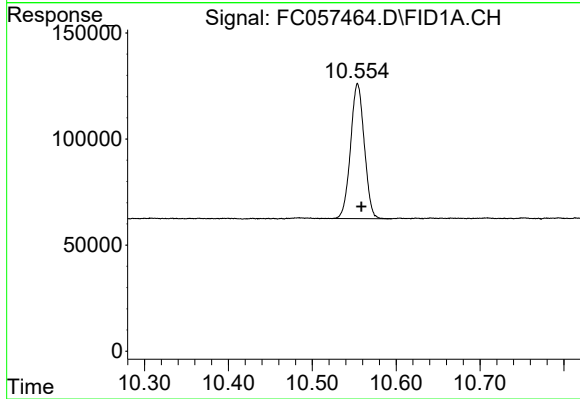
#6 n-Tetradecane (C14)

R.T.: 7.513 min
Delta R.T.: -0.003 min
Response: 690430
Conc: 5.74 ug/ml



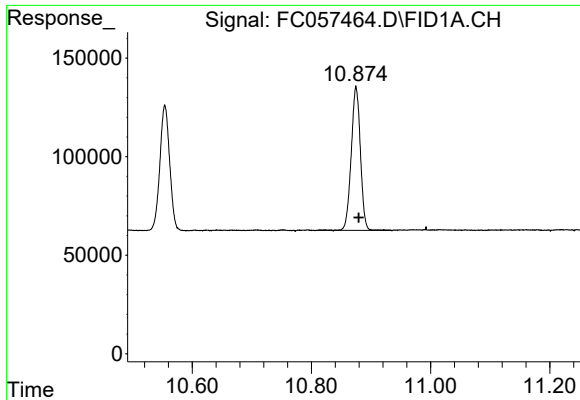
#7 n-Hexadecane (C16)

R.T.: 9.113 min
Delta R.T.: -0.004 min
Response: 700144
Conc: 5.75 ug/ml



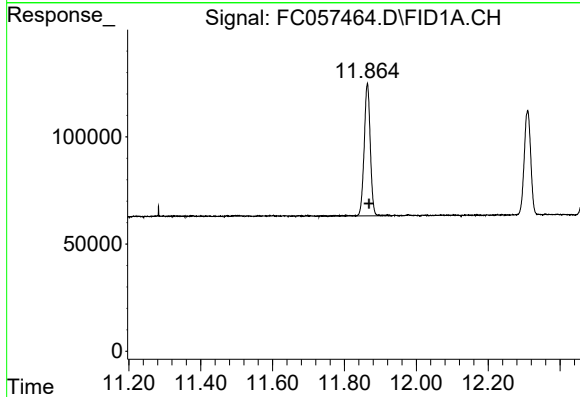
#8 n-Octadecane (C18)

R.T.: 10.554 min
Delta R.T.: -0.004 min
Response: 720793
Conc: 5.73 ug/ml



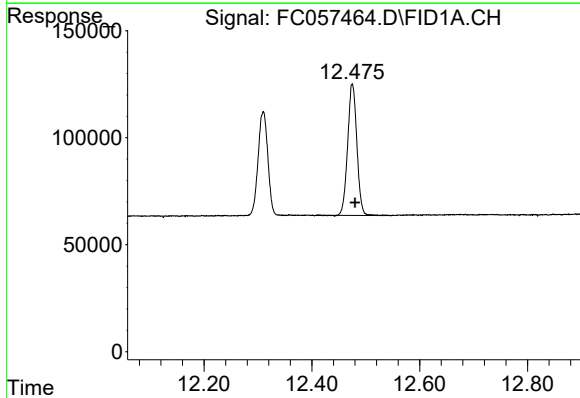
#9 ortho-Terphenyl (SURR)

R.T.: 10.875 min
Delta R.T.: -0.005 min
Response: 777724
Conc: 5.76 ug/ml



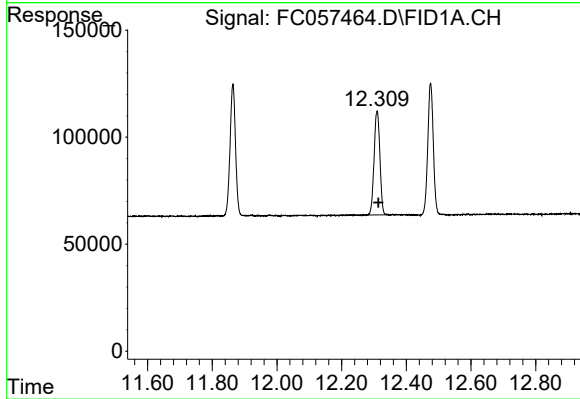
#10 n-Eicosane (C20)

R.T.: 11.864 min
Delta R.T.: -0.004 min
Response: 732563
Conc: 5.83 ug/ml



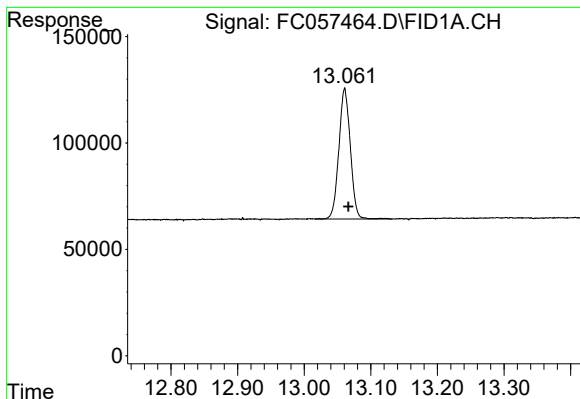
#11 n-Heneicosane (C21)

R.T.: 12.475 min
Delta R.T.: -0.005 min
Response: 730746
Conc: 5.73 ug/ml



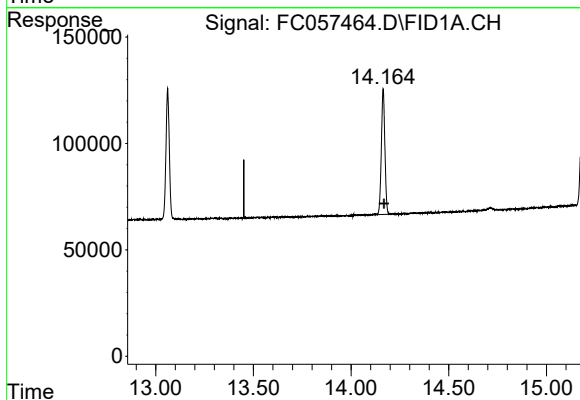
#12 1-chlorooctadecane (SURR)

R.T.: 12.310 min
Delta R.T.: -0.005 min
Response: 603915
Conc: 5.58 ug/ml



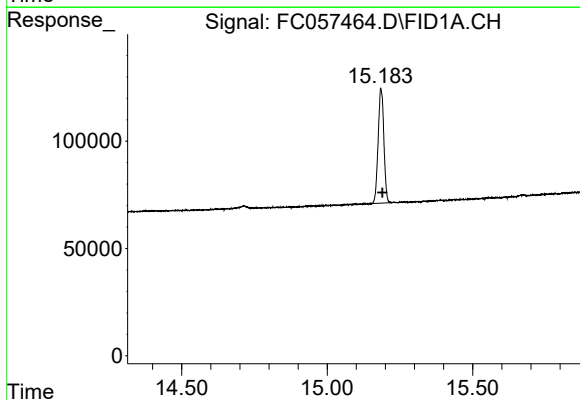
#13 n-Docosane (C22)

R.T.: 13.061 min
Delta R.T.: -0.006 min
Response: 735191
Conc: 5.76 ug/ml



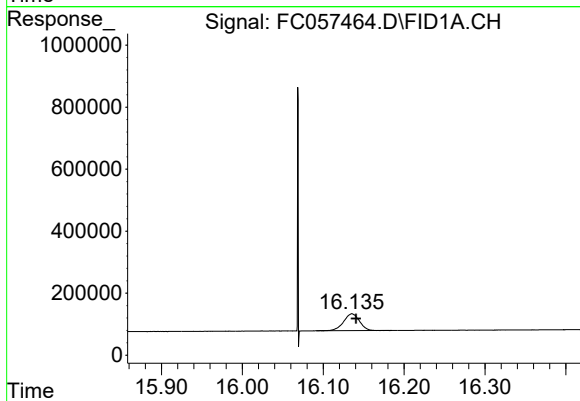
#14 n-Tetracosane (C24)

R.T.: 14.164 min
Delta R.T.: -0.004 min
Response: 741682
Conc: 5.74 ug/ml



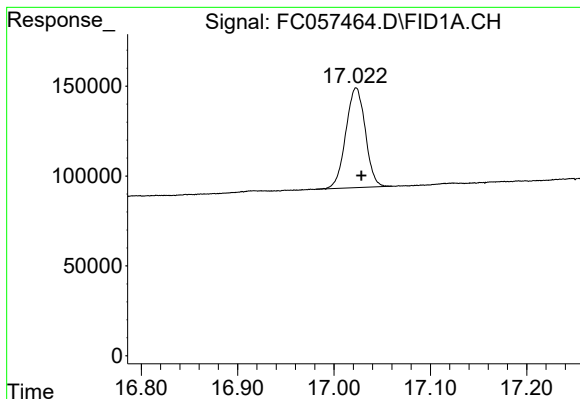
#15 n-Hexacosane (C26)

R.T.: 15.185 min
Delta R.T.: -0.005 min
Response: 733291
Conc: 5.76 ug/ml



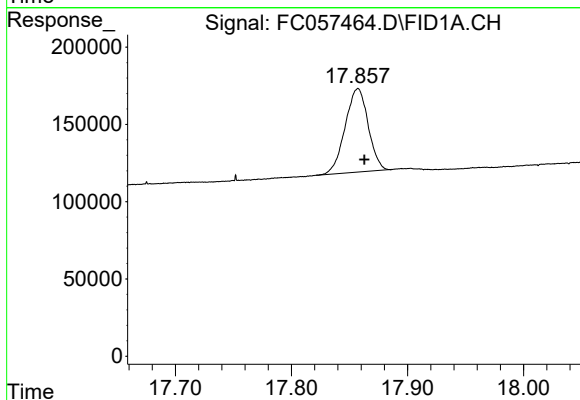
#16 n-Octacosane (C28)

R.T.: 16.136 min
Delta R.T.: -0.005 min
Response: 743606
Conc: 5.85 ug/ml



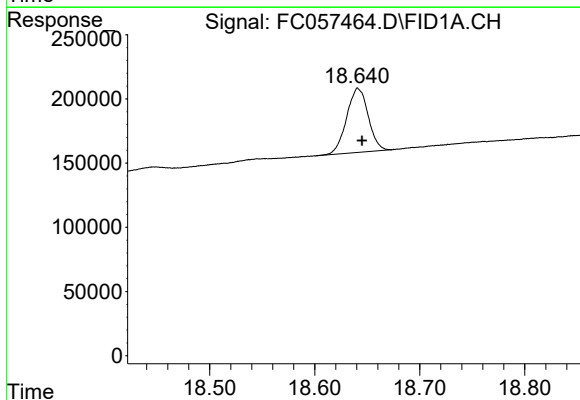
#17 n-Tricontane (C30)

R.T.: 17.023 min
Delta R.T.: -0.006 min
Response: 780592
Conc: 5.92 ug/ml



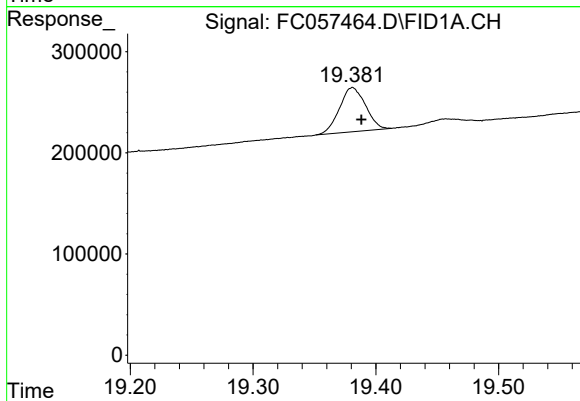
#18 n-Dotriacontane (C32)

R.T.: 17.857 min
Delta R.T.: -0.006 min
Response: 742711
Conc: 5.69 ug/ml



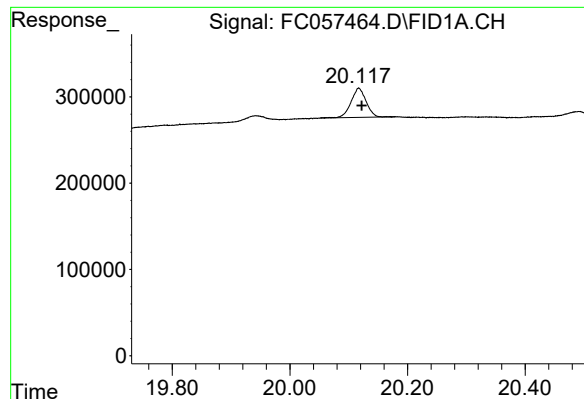
#19 n-Tetratriacontane (C34)

R.T.: 18.641 min
Delta R.T.: -0.004 min
Response: 712598
Conc: 5.59 ug/ml



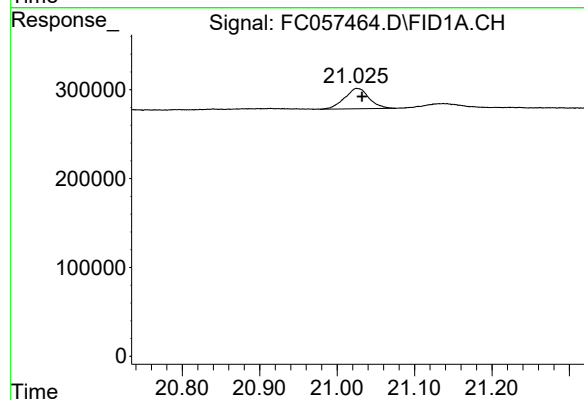
#20 n-Hexatriacontane (C36)

R.T.: 19.381 min
Delta R.T.: -0.007 min
Response: 643096
Conc: 5.53 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.117 min
Delta R.T.: -0.005 min
Response: 604675
Conc: 5.65 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.026 min
Delta R.T.: -0.006 min
Response: 501101
Conc: 5.02 ug/ml