

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021422AL\
 Data File : FC058332.D
 Signal(s) : FID1A.CH
 Acq On : 15 Feb 2022 14:01
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 15 14:25:56 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021422.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 14 15:15:24 2022
 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)	11.388	29985715	21.693 ug/ml
Spiked Amount 50.000		Recovery =	43.39%
12) S 1-chlorooctadecane (S...	12.821	22360108	22.446 ug/ml
Spiked Amount 50.000		Recovery =	44.89%
Target Compounds			
1) T n-Nonane (C9)	3.361	24530977	20.032 ug/ml
2) T n-Decane (C10)	4.326	25039326	20.217 ug/ml
3) T A~Naphthalene (C11.7)	5.842	27541782	20.424 ug/ml
4) T n-Dodecane (C12)	6.276	25260339	20.073 ug/ml
5) T A~2-methylnaphthalene...	6.884	27234666	20.804 ug/ml
6) T n-Tetradecane (C14)	8.054	25234698	20.190 ug/ml
7) T n-Hexadecane (C16)	9.645	25251892	20.449 ug/ml
8) T n-Octadecane (C18)	11.082	25422682	20.373 ug/ml
10) T n-Eicosane (C20)	12.381	25420801	21.029 ug/ml
11) T n-Heneicosane (C21)	12.992	25356393	21.061 ug/ml
13) T n-Docosane (C22)	13.576	25187192	21.341 ug/ml
14) T n-Tetracosane (C24)	14.673	24968937	21.619 ug/ml
15) T n-Hexacosane (C26)	15.690	24250968	21.859 ug/ml
16) T n-Octacosane (C28)	16.636	23425852	21.710 ug/ml
17) T n-Tricontane (C30)	17.519	22139192	21.640 ug/ml
18) T n-Dotriacontane (C32)	18.347	19330108	21.663 ug/ml
19) T n-Tetratriacontane (C34)	19.125	15018224	20.580 ug/ml
20) T n-Hexatriacontane (C36)	19.858	11427164	21.186 ug/mlm
21) T n-Octatriacontane (C38)	20.563	8344372	21.794 ug/ml
22) T n-Tetracontane (C40)	21.387	6063744	22.291 ug/mlm

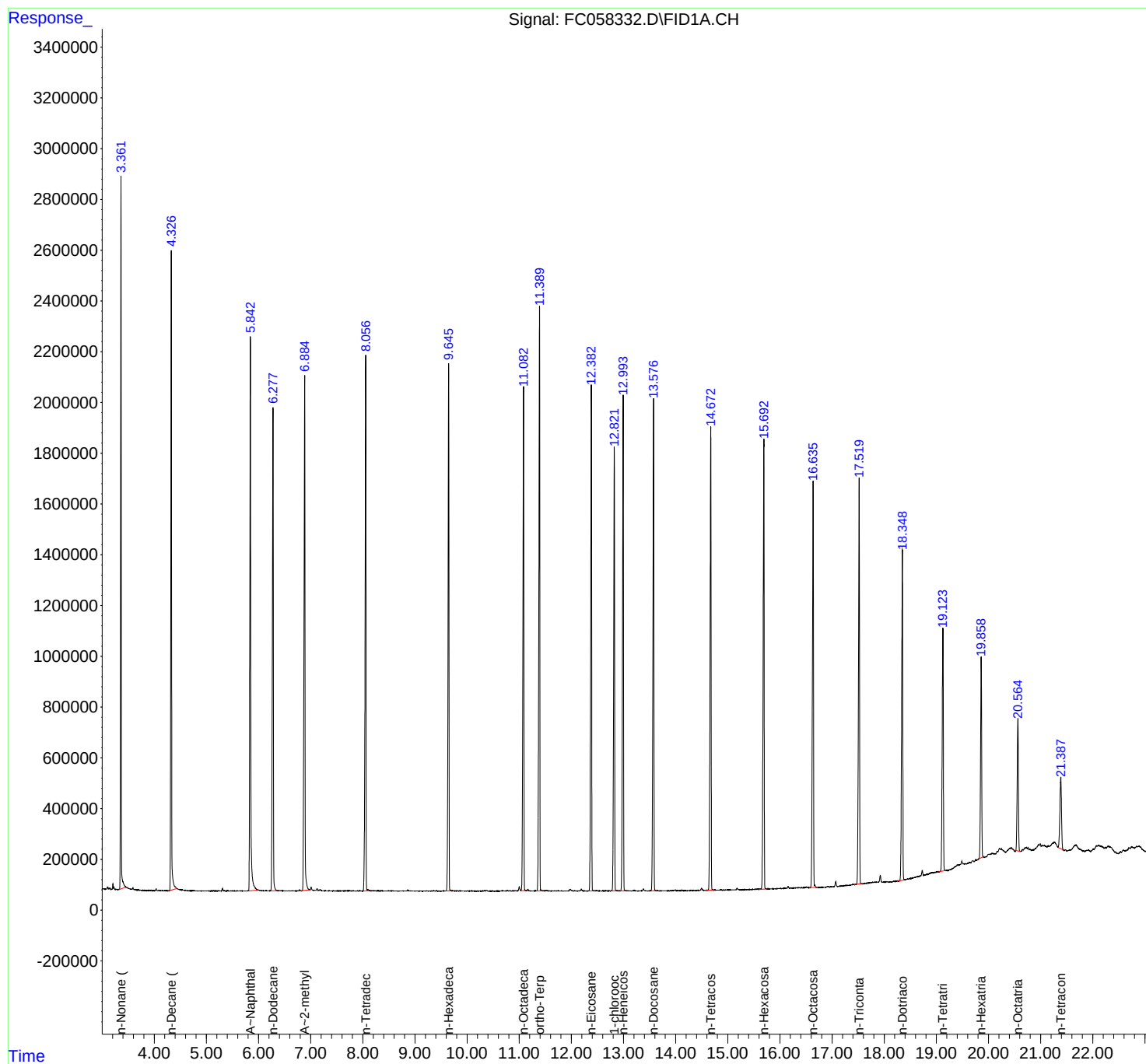
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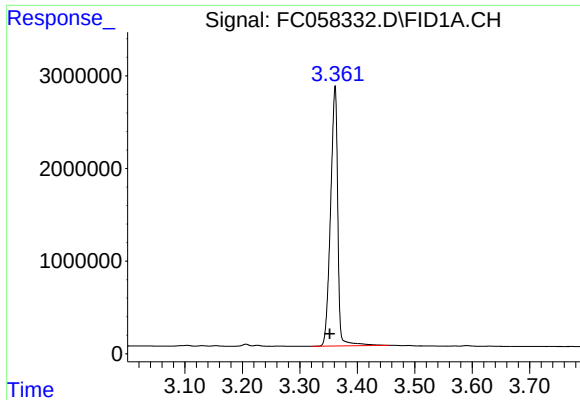
(m)=manual int.

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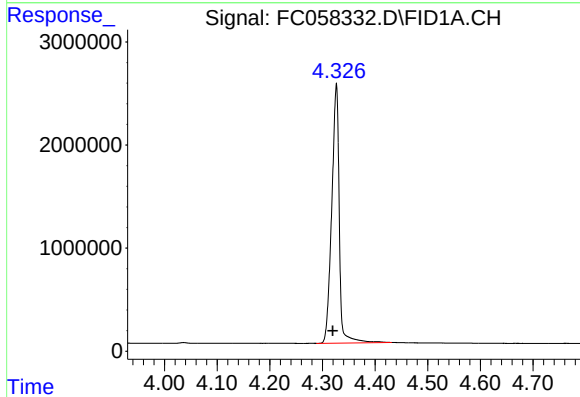
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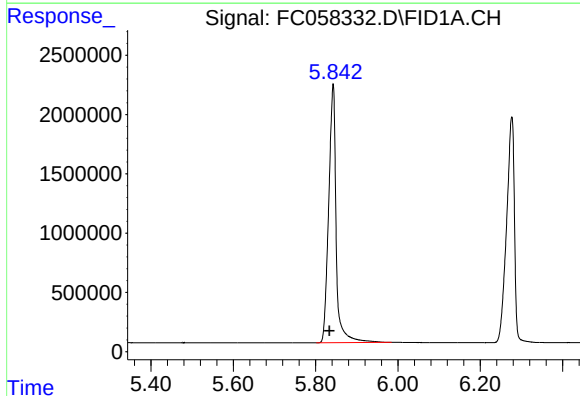
#1 n-Nonane (C9)

R.T.: 3.361 min
Delta R.T.: 0.009 min
Response: 24530977
Conc: 20.03 ug/ml



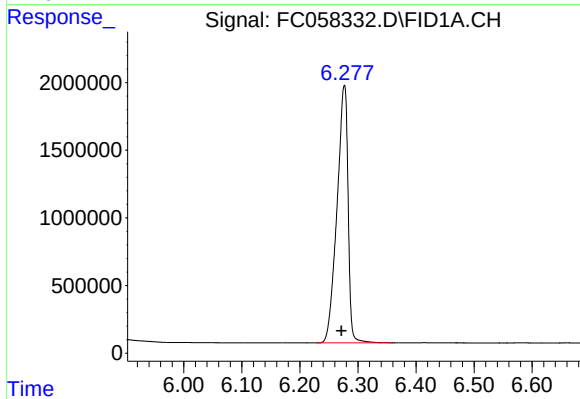
#2 n-Decane (C10)

R.T.: 4.326 min
Delta R.T.: 0.006 min
Response: 25039326
Conc: 20.22 ug/ml



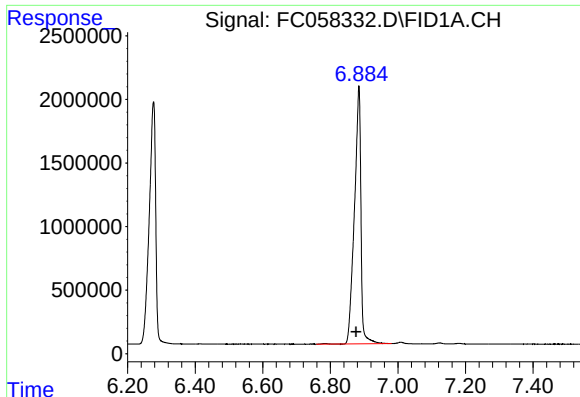
#3 A~Naphthalene (C11.7)

R.T.: 5.842 min
Delta R.T.: 0.008 min
Response: 27541782
Conc: 20.42 ug/ml



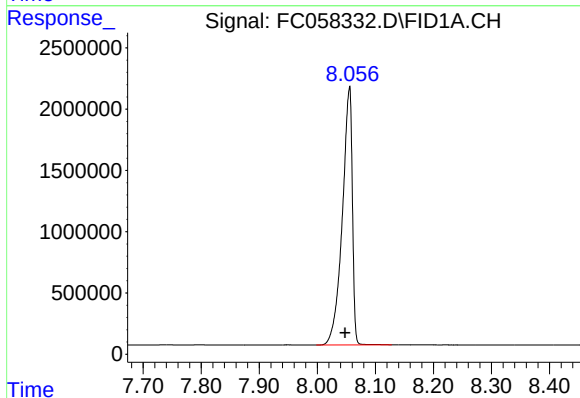
#4 n-Dodecane (C12)

R.T.: 6.276 min
Delta R.T.: 0.005 min
Response: 25260339
Conc: 20.07 ug/ml



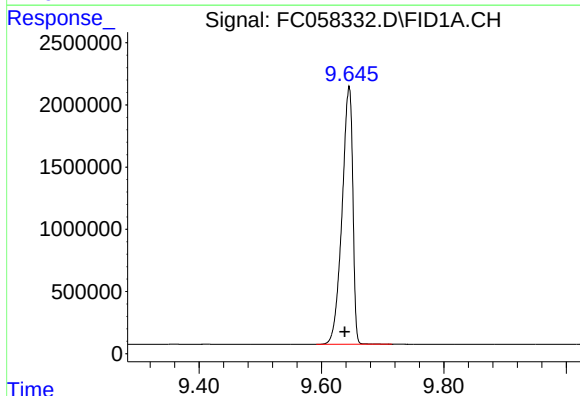
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.884 min
Delta R.T.: 0.008 min
Response: 27234666
Conc: 20.80 ug/ml



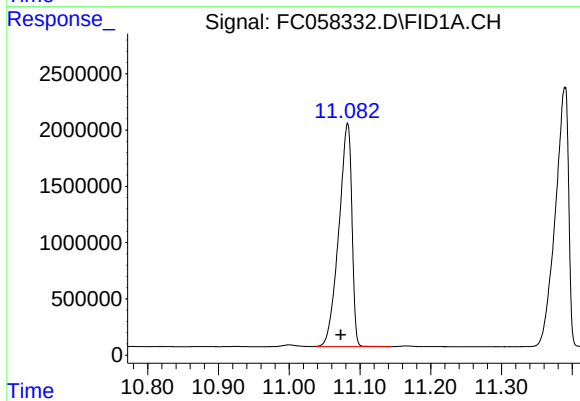
#6 n-Tetradecane (C14)

R.T.: 8.054 min
Delta R.T.: 0.007 min
Response: 25234698
Conc: 20.19 ug/ml



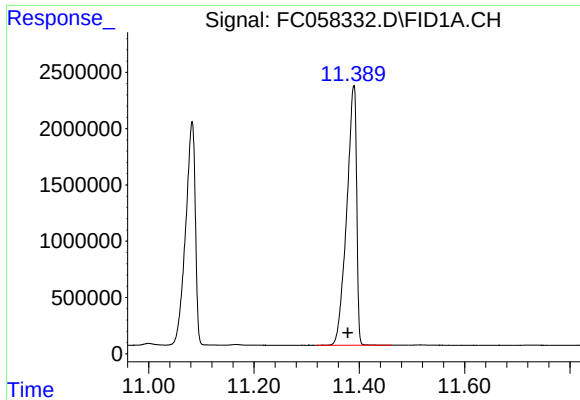
#7 n-Hexadecane (C16)

R.T.: 9.645 min
Delta R.T.: 0.007 min
Response: 25251892
Conc: 20.45 ug/ml



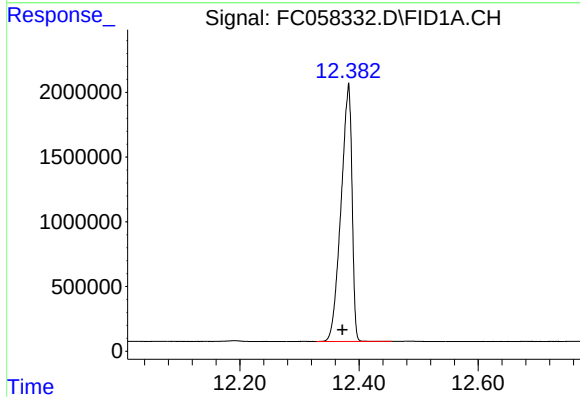
#8 n-Octadecane (C18)

R.T.: 11.082 min
Delta R.T.: 0.009 min
Response: 25422682
Conc: 20.37 ug/ml



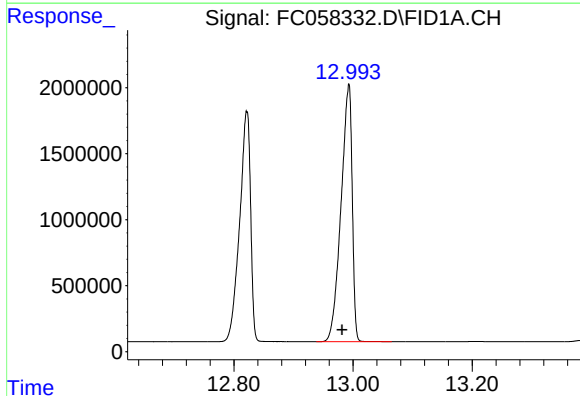
#9 ortho-Terphenyl (SURR)

R.T.: 11.388 min
Delta R.T.: 0.011 min
Response: 29985715
Conc: 21.69 ug/ml



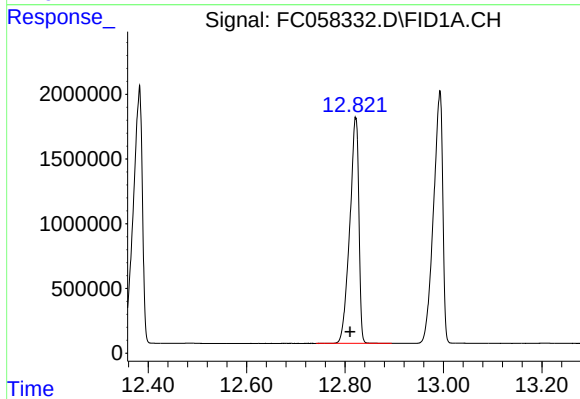
#10 n-Eicosane (C20)

R.T.: 12.381 min
Delta R.T.: 0.009 min
Response: 25420801
Conc: 21.03 ug/ml



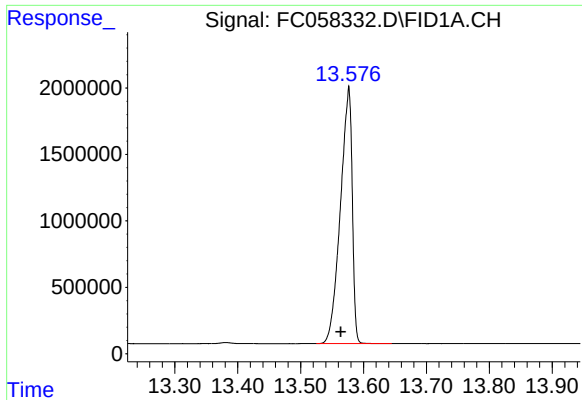
#11 n-Heneicosane (C21)

R.T.: 12.992 min
Delta R.T.: 0.010 min
Response: 25356393
Conc: 21.06 ug/ml



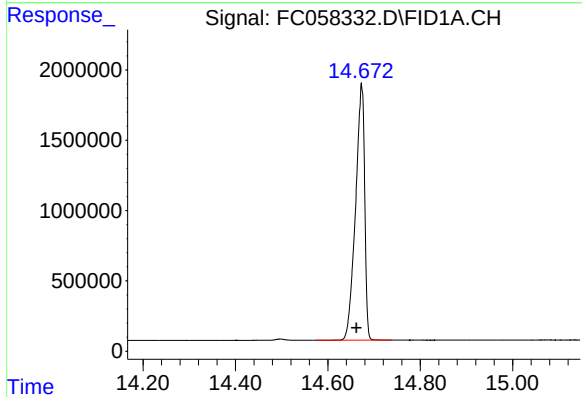
#12 1-chlorooctadecane (SURR)

R.T.: 12.821 min
Delta R.T.: 0.011 min
Response: 22360108
Conc: 22.45 ug/ml



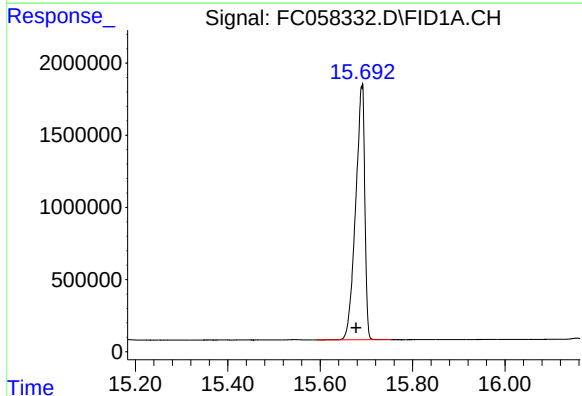
#13 n-Docosane (C22)

R.T.: 13.576 min
Delta R.T.: 0.012 min
Response: 25187192
Conc: 21.34 ug/ml



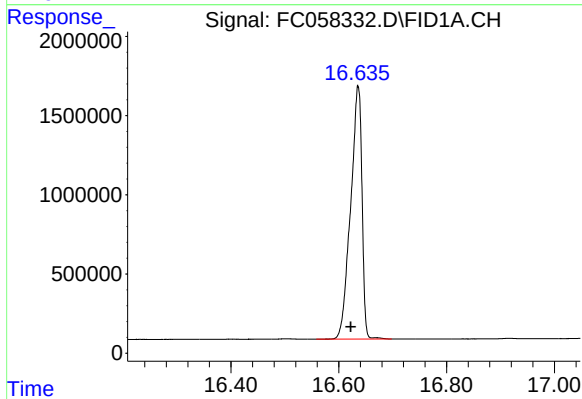
#14 n-Tetracosane (C24)

R.T.: 14.673 min
Delta R.T.: 0.011 min
Response: 24968937
Conc: 21.62 ug/ml



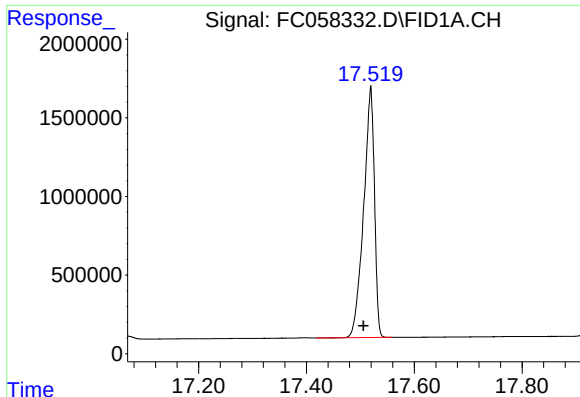
#15 n-Hexacosane (C26)

R.T.: 15.690 min
Delta R.T.: 0.012 min
Response: 24250968
Conc: 21.86 ug/ml



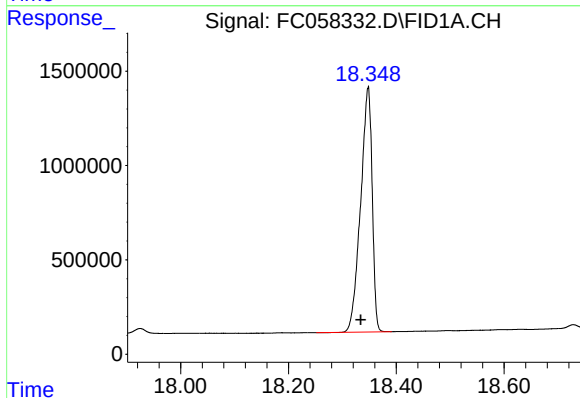
#16 n-Octacosane (C28)

R.T.: 16.636 min
Delta R.T.: 0.013 min
Response: 23425852
Conc: 21.71 ug/ml



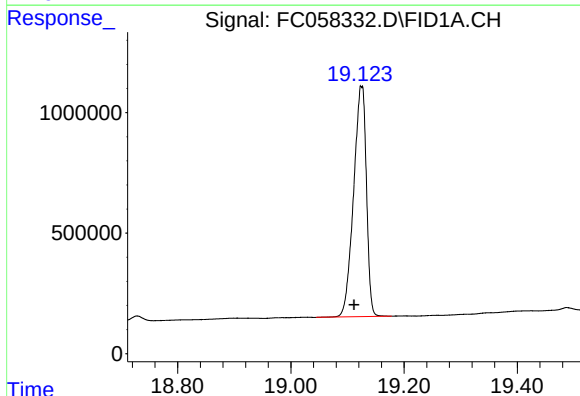
#17 n-Tricontane (C30)

R.T.: 17.519 min
Delta R.T.: 0.013 min
Response: 22139192
Conc: 21.64 ug/ml



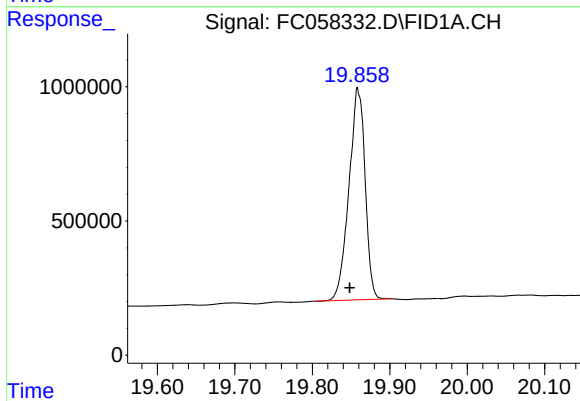
#18 n-Dotriacontane (C32)

R.T.: 18.347 min
Delta R.T.: 0.013 min
Response: 19330108
Conc: 21.66 ug/ml



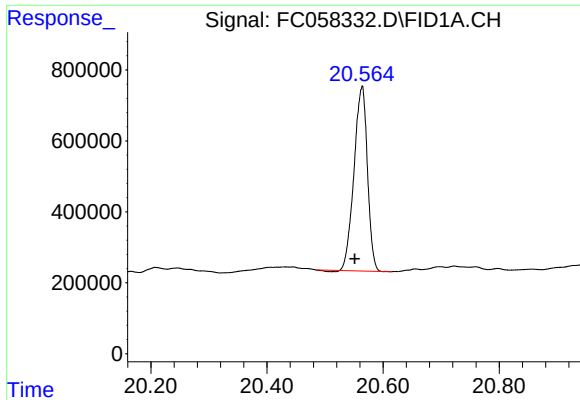
#19 n-Tetratriacontane (C34)

R.T.: 19.125 min
Delta R.T.: 0.013 min
Response: 15018224
Conc: 20.58 ug/ml



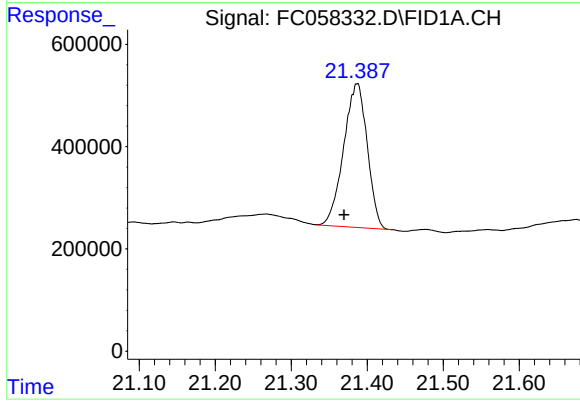
#20 n-Hexatriacontane (C36)

R.T.: 19.858 min
Delta R.T.: 0.009 min
Response: 11427164
Conc: 21.19 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.563 min
Delta R.T.: 0.012 min
Response: 8344372
Conc: 21.79 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.387 min
Delta R.T.: 0.018 min
Response: 6063744
Conc: 22.29 ug/ml m