

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032322AL\
 Data File : FC058868.D
 Signal(s) : FID1A.CH
 Acq On : 23 Mar 2022 11:22
 Operator : UA/NP
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Mar 23 11:50:17 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032322.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 23 11:34:07 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)	11.398	811596	5.731 ug/ml
Spiked Amount 50.000		Recovery =	11.46%
12) S 1-chlorooctadecane (S...	12.828	563015	5.327 ug/ml
Spiked Amount 50.000		Recovery =	10.65%
Target Compounds			
1) T n-Nonane (C9)	3.257	595676	5.299 ug/ml
2) T n-Decane (C10)	4.306	560687	5.039 ug/ml
3) T A~Naphthalene (C11.7)	5.897	528601	4.557 ug/mlm
4) T n-Dodecane (C12)	6.298	620243	5.265 ug/ml
5) T A~2-methylnaphthalene...	6.958	522122	4.674 ug/mlm
6) T n-Tetradecane (C14)	8.075	614273	5.163 ug/ml
7) T n-Hexadecane (C16)	9.661	653146	5.304 ug/ml
8) T n-Octadecane (C18)	11.088	696546	5.428 ug/ml
10) T n-Eicosane (C20)	12.386	752343	5.781 ug/ml
11) T n-Heneicosane (C21)	12.992	764543	5.814 ug/ml
13) T n-Docosane (C22)	13.575	740172	5.652 ug/ml
14) T n-Tetracosane (C24)	14.669	736671	5.701 ug/ml
15) T n-Hexacosane (C26)	15.683	698160	5.640 ug/ml
16) T n-Octacosane (C28)	16.626	643773	5.508 ug/ml
17) T n-Tricontane (C30)	17.508	583649	5.385 ug/ml
18) T n-Dotriacontane (C32)	18.337	537908	5.563 ug/ml
19) T n-Tetratriacontane (C34)	19.115	480964	5.583 ug/ml
20) T n-Hexatriacontane (C36)	19.852	419104	5.407 ug/ml
21) T n-Octatriacontane (C38)	20.555	323889	4.794 ug/ml
22) T n-Tetracontane (C40)	21.383	204272	3.807 ug/ml

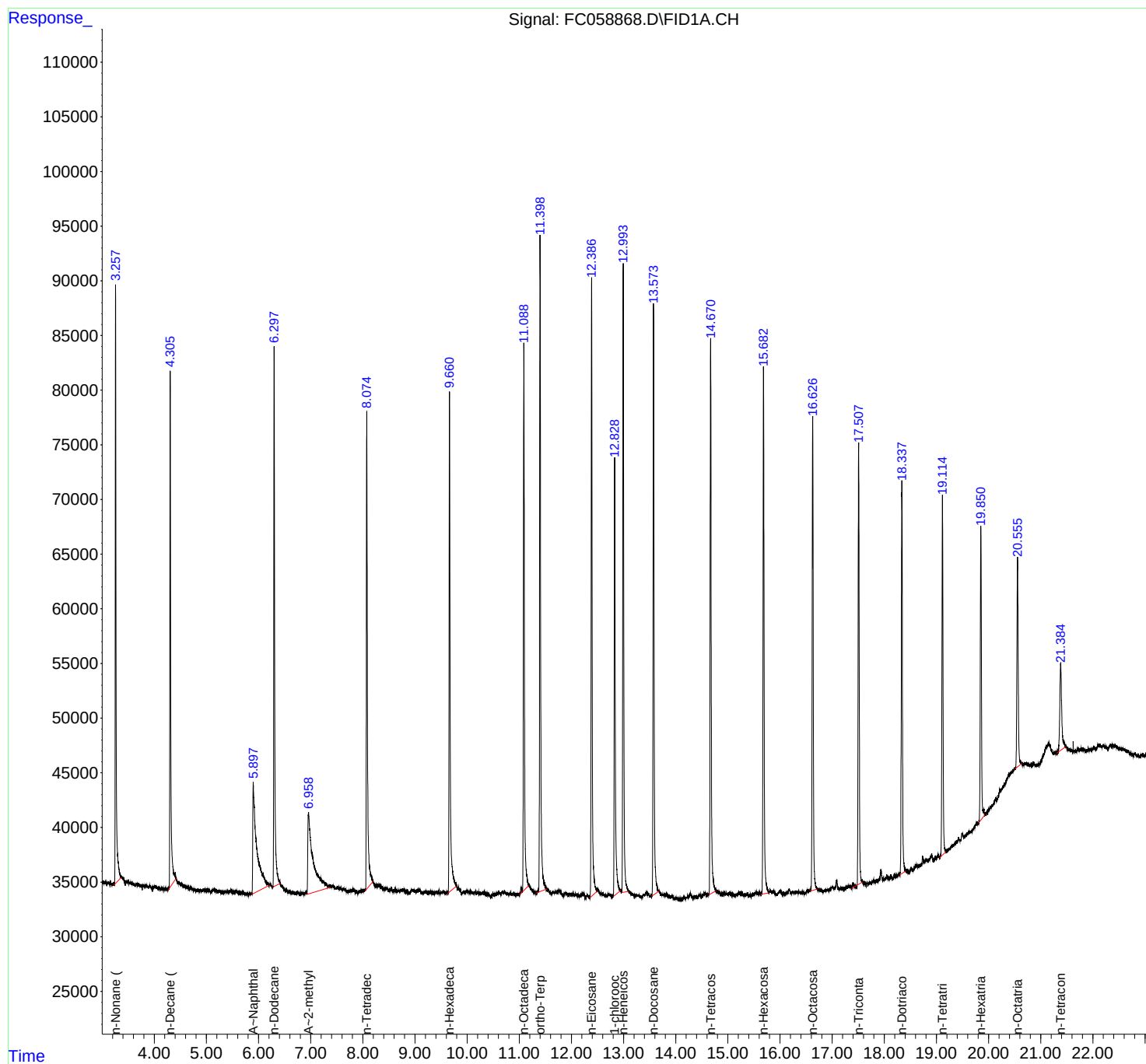
(f)=RT Delta > 1/2 Window

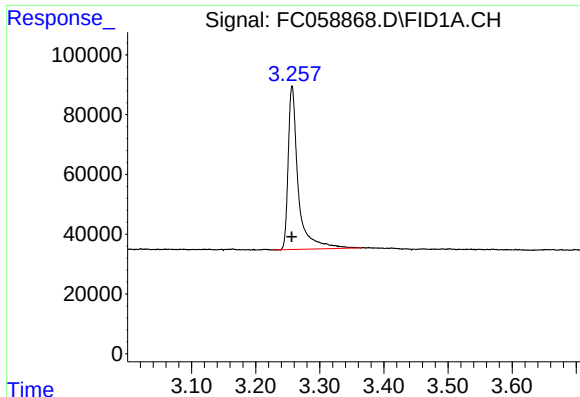
(m)=manual int.

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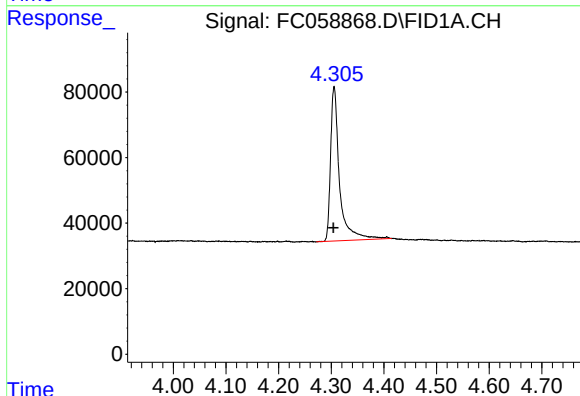
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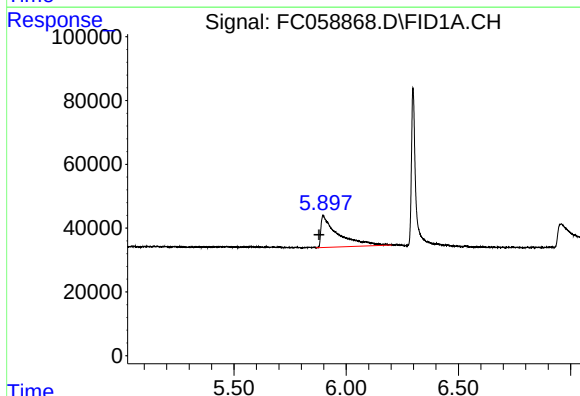
#1 n-Nonane (C9)

R.T.: 3.257 min
Delta R.T.: 0.001 min
Response: 595676
Conc: 5.30 ug/ml



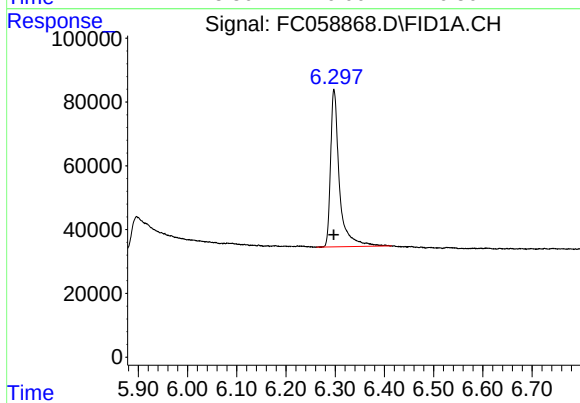
#2 n-Decane (C10)

R.T.: 4.306 min
Delta R.T.: 0.001 min
Response: 560687
Conc: 5.04 ug/ml



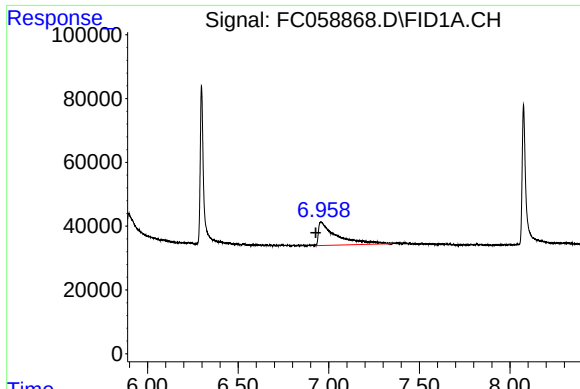
#3 A~Naphthalene (C11.7)

R.T.: 5.897 min
Delta R.T.: 0.017 min
Response: 528601
Conc: 4.56 ug/ml m



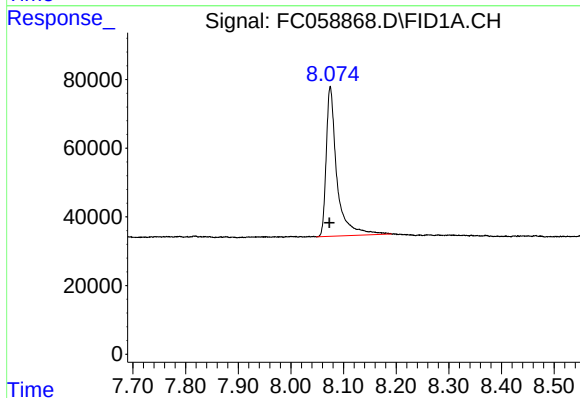
#4 n-Dodecane (C12)

R.T.: 6.298 min
Delta R.T.: 0.001 min
Response: 620243
Conc: 5.27 ug/ml



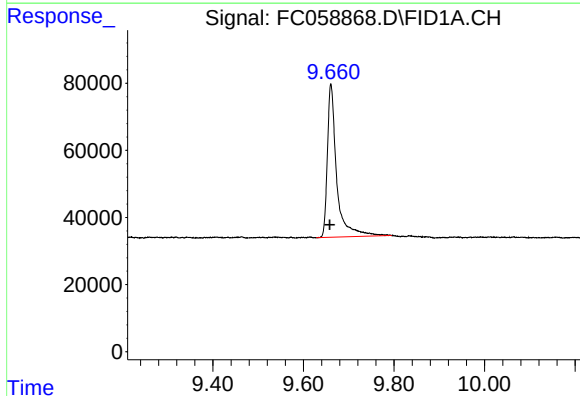
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.958 min
Delta R.T.: 0.029 min
Response: 522122
Conc: 4.67 ug/ml m



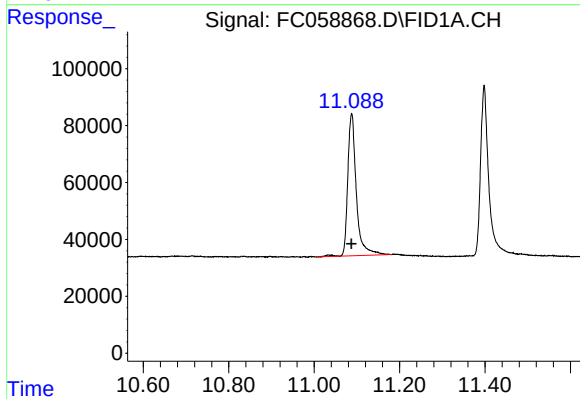
#6 n-Tetradecane (C14)

R.T.: 8.075 min
Delta R.T.: 0.002 min
Response: 614273
Conc: 5.16 ug/ml



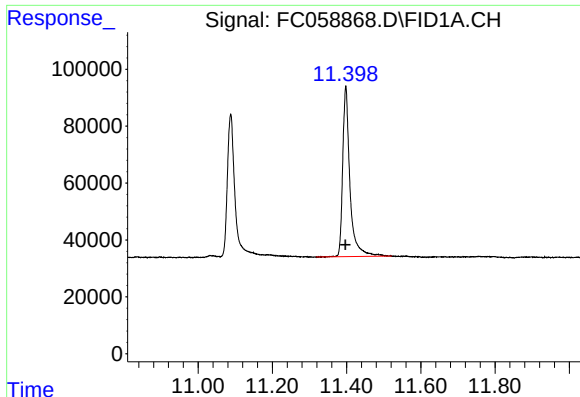
#7 n-Hexadecane (C16)

R.T.: 9.661 min
Delta R.T.: 0.003 min
Response: 653146
Conc: 5.30 ug/ml



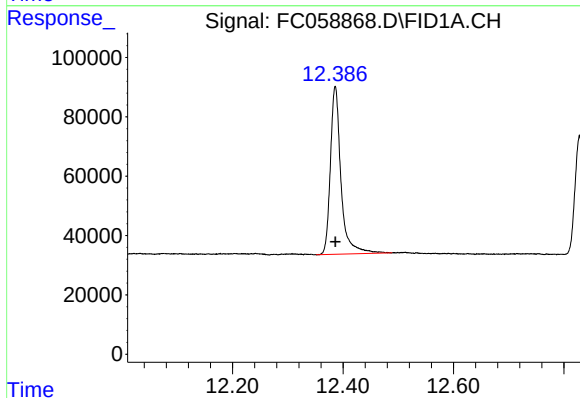
#8 n-Octadecane (C18)

R.T.: 11.088 min
Delta R.T.: 0.000 min
Response: 696546
Conc: 5.43 ug/ml



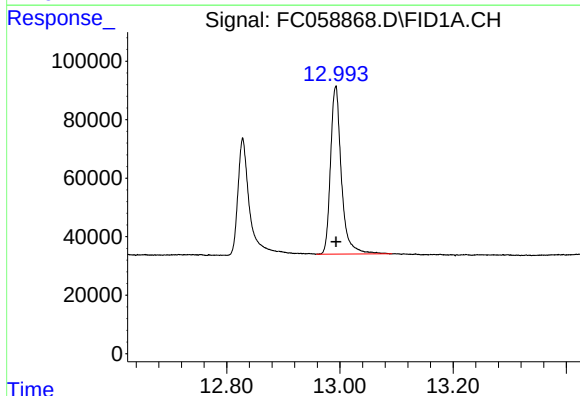
#9 ortho-Terphenyl (SURR)

R.T.: 11.398 min
Delta R.T.: 0.000 min
Response: 811596
Conc: 5.73 ug/ml



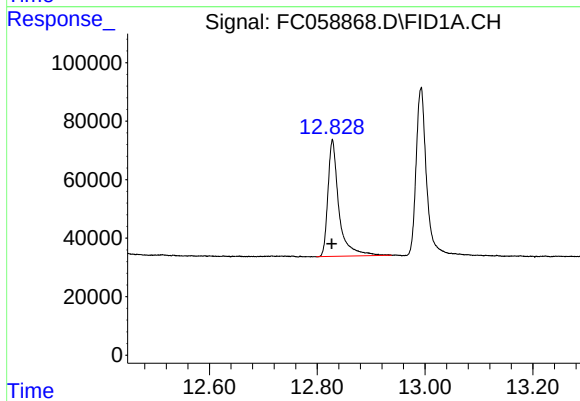
#10 n-Eicosane (C20)

R.T.: 12.386 min
Delta R.T.: 0.000 min
Response: 752343
Conc: 5.78 ug/ml



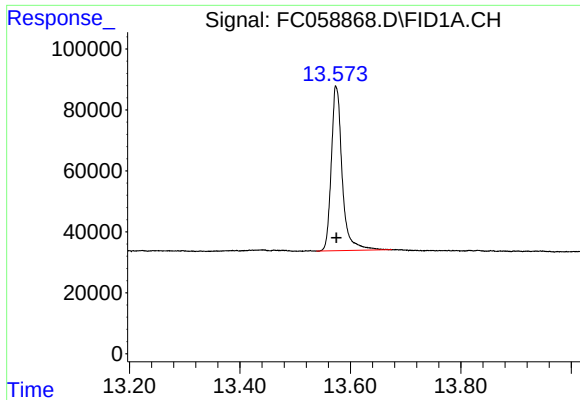
#11 n-Heneicosane (C21)

R.T.: 12.992 min
Delta R.T.: 0.000 min
Response: 764543
Conc: 5.81 ug/ml



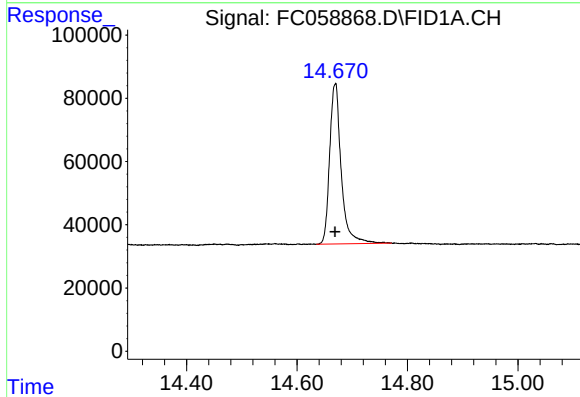
#12 1-chlorooctadecane (SURR)

R.T.: 12.828 min
Delta R.T.: 0.002 min
Response: 563015
Conc: 5.33 ug/ml



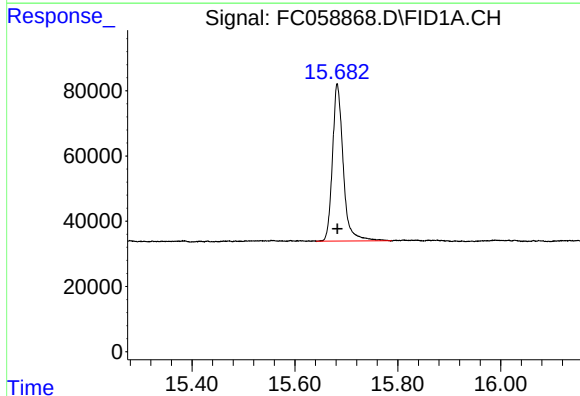
#13 n-Docosane (C22)

R.T.: 13.575 min
Delta R.T.: 0.000 min
Response: 740172
Conc: 5.65 ug/ml



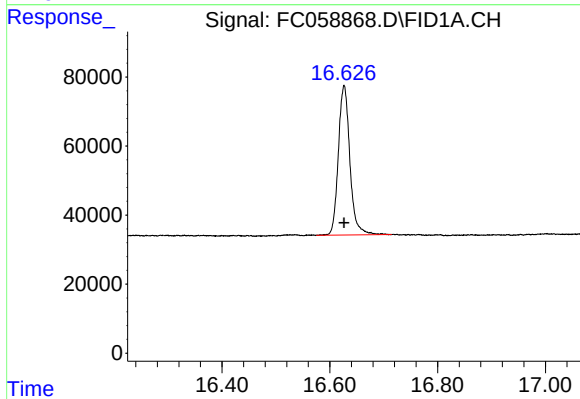
#14 n-Tetracosane (C24)

R.T.: 14.669 min
Delta R.T.: 0.000 min
Response: 736671
Conc: 5.70 ug/ml



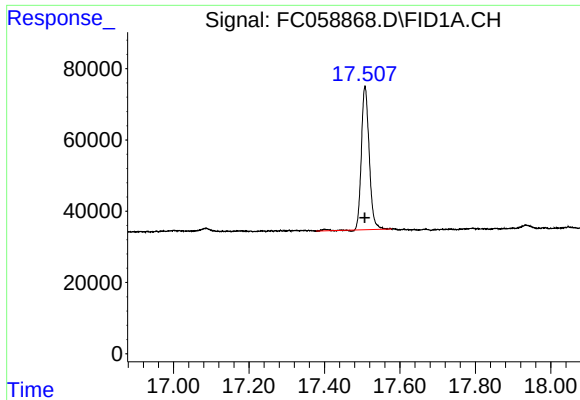
#15 n-Hexacosane (C26)

R.T.: 15.683 min
Delta R.T.: 0.000 min
Response: 698160
Conc: 5.64 ug/ml



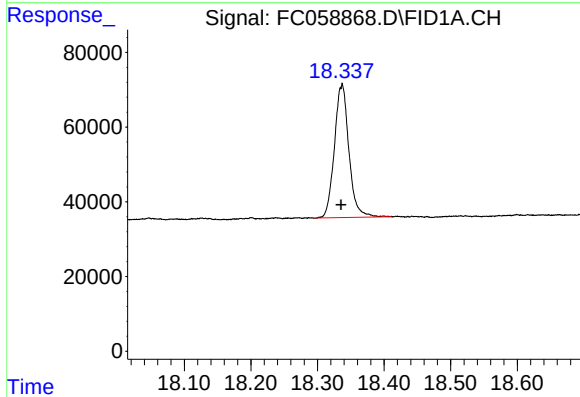
#16 n-Octacosane (C28)

R.T.: 16.626 min
Delta R.T.: 0.000 min
Response: 643773
Conc: 5.51 ug/ml



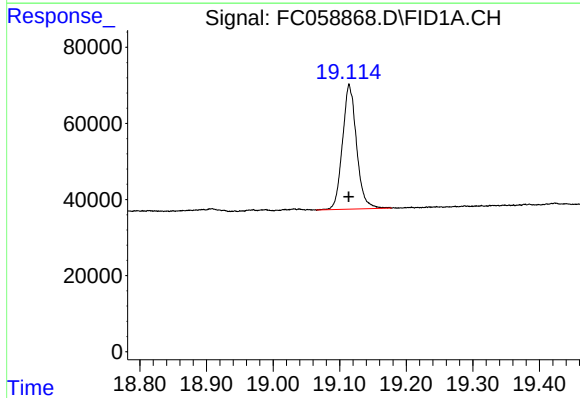
#17 n-Tricontane (C30)

R.T.: 17.508 min
Delta R.T.: 0.001 min
Response: 583649
Conc: 5.38 ug/ml



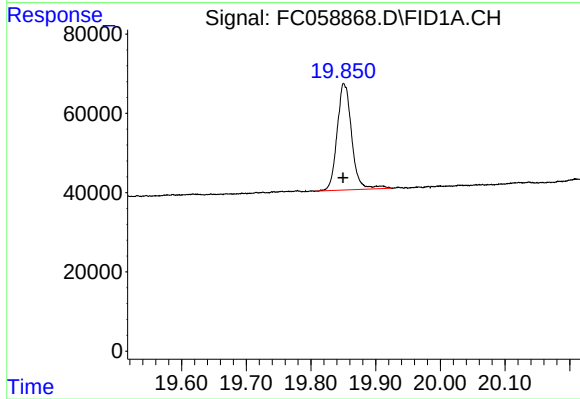
#18 n-Dotriacontane (C32)

R.T.: 18.337 min
Delta R.T.: 0.001 min
Response: 537908
Conc: 5.56 ug/ml



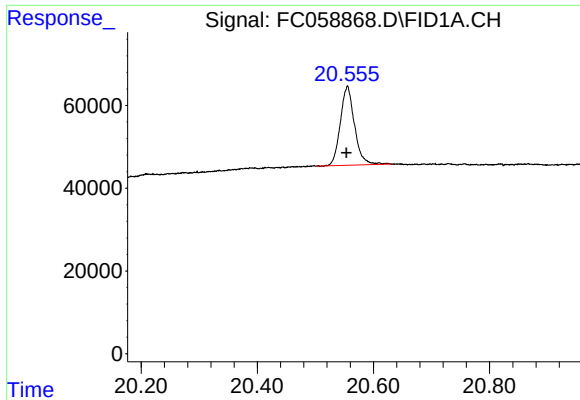
#19 n-Tetratriacontane (C34)

R.T.: 19.115 min
Delta R.T.: 0.001 min
Response: 480964
Conc: 5.58 ug/ml



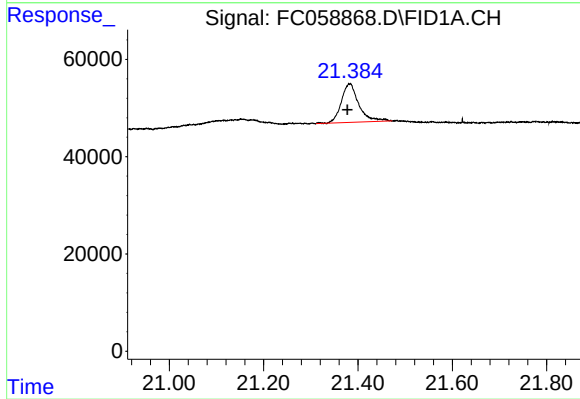
#20 n-Hexatriacontane (C36)

R.T.: 19.852 min
Delta R.T.: 0.002 min
Response: 419104
Conc: 5.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.555 min
Delta R.T.: 0.002 min
Response: 323889
Conc: 4.79 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.383 min
Delta R.T.: 0.005 min
Response: 204272
Conc: 3.81 ug/ml