

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020822AL\
 Data File : FC058263.D
 Signal(s) : FID1A.CH
 Acq On : 08 Feb 2022 17:04
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Feb 08 23:40:50 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 020822.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 08 23:40:29 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)	11.423	137417039	99.068 ug/mlm
Spiked Amount 50.000		Recovery =	198.14%
12) S 1-chlorooctadecane (S...	12.843	100633198	100.783 ug/ml
Spiked Amount 50.000		Recovery =	201.57%
Target Compounds			
1) T n-Nonane (C9)	3.367	114492053	95.218 ug/ml
2) T n-Decane (C10)	4.340	116946445	96.243 ug/ml
3) T A~Naphthalene (C11.7)	5.858	132285018	97.467 ug/ml
4) T n-Dodecane (C12)	6.295	122821540	96.557 ug/ml
5) T A~2-methylnaphthalene...	6.905	131349493	98.563 ug/ml
6) T n-Tetradecane (C14)	8.074	123723540	96.885 ug/ml
7) T n-Hexadecane (C16)	9.666	123040763	97.684 ug/ml
8) T n-Octadecane (C18)	11.113	124438211	98.284 ug/mlm
10) T n-Eicosane (C20)	12.405	120979329	98.587 ug/ml
11) T n-Heneicosane (C21)	13.018	121431073	98.721 ug/ml
13) T n-Docosane (C22)	13.601	119780447	99.543 ug/ml
14) T n-Tetracosane (C24)	14.698	118782641	101.344 ug/ml
15) T n-Hexacosane (C26)	15.715	114891264	102.733 ug/ml
16) T n-Octacosane (C28)	16.662	111423740	102.892 ug/ml
17) T n-Tricontane (C30)	17.551	104476887	101.435 ug/mlm
18) T n-Dotriacontane (C32)	18.373	91305848	98.699 ug/ml
19) T n-Tetratriacontane (C34)	19.153	76208281	100.462 ug/mlm
20) T n-Hexatriacontane (C36)	19.876	60080181	103.008 ug/ml
21) T n-Octatriacontane (C38)	20.583	44913136	106.073 ug/mlm
22) T n-Tetracontane (C40)	21.407	33768665	119.244 ug/mlm

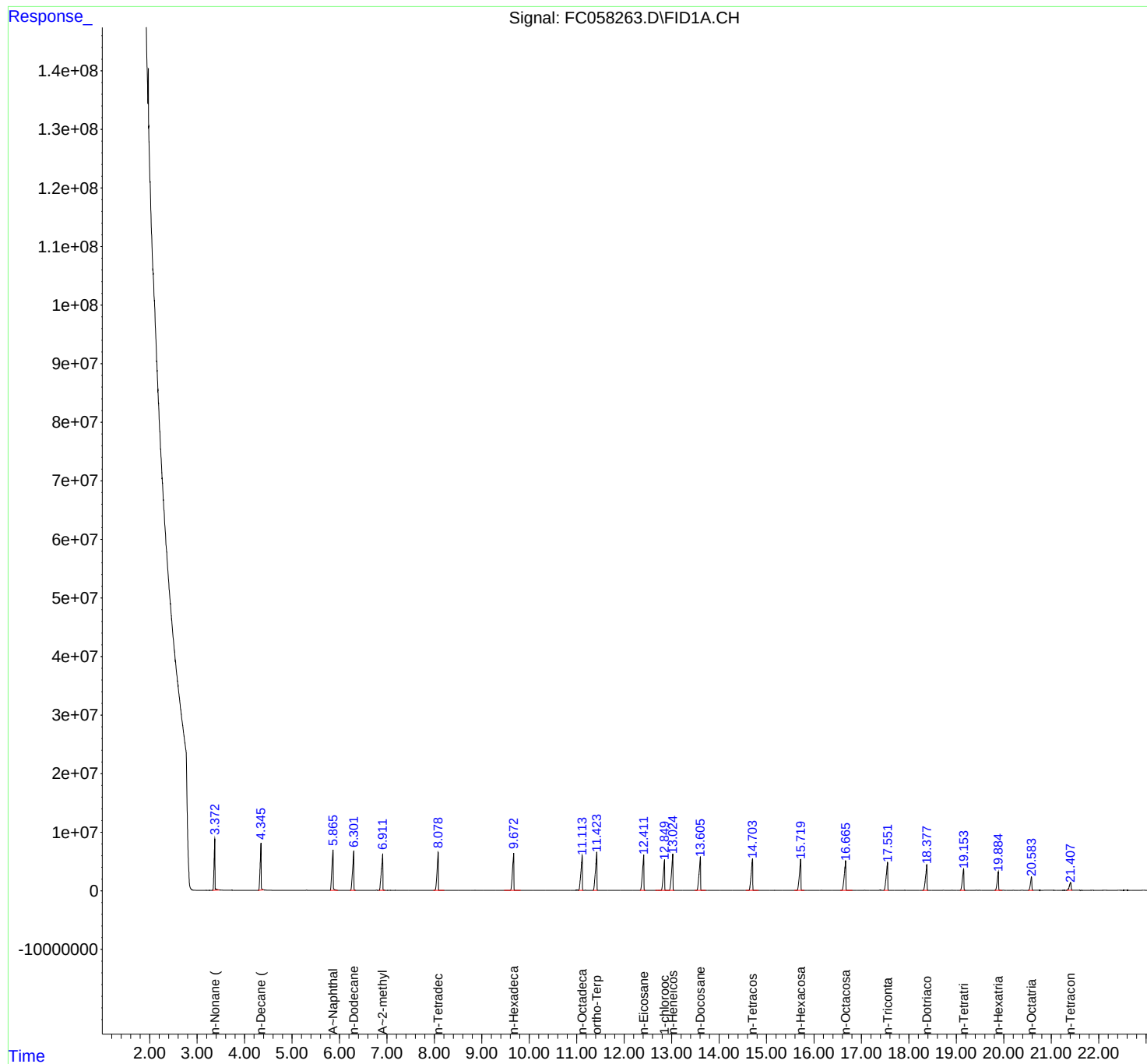
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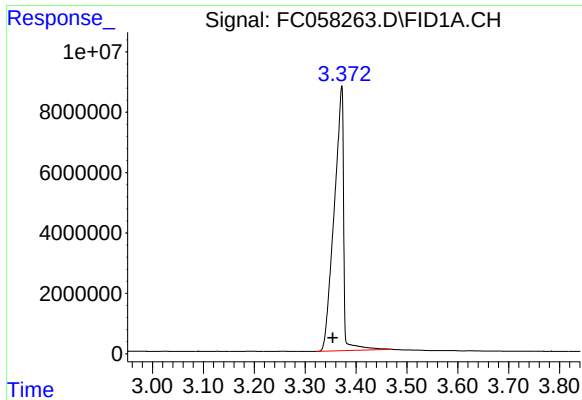
(m)=manual int.

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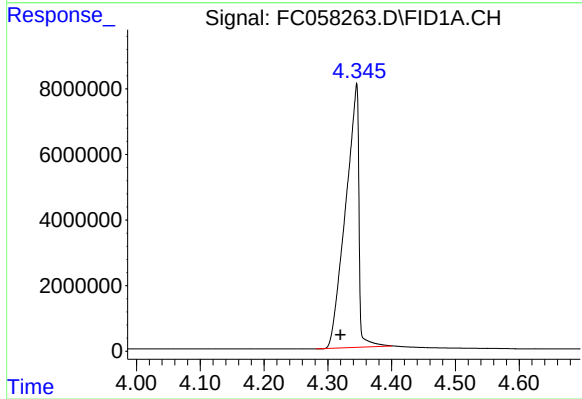
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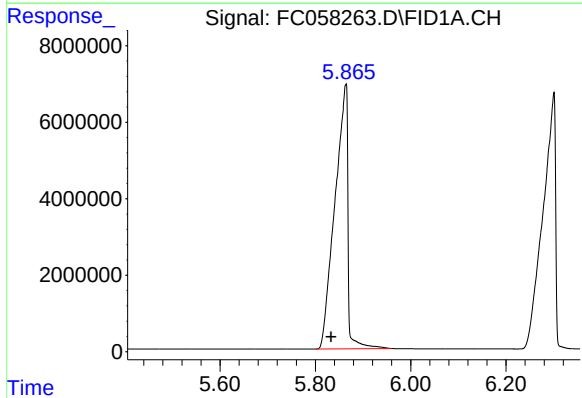
#1 n-Nonane (C9)

R.T.: 3.367 min
Delta R.T.: 0.013 min
Response: 114492053
Conc: 95.22 ug/ml



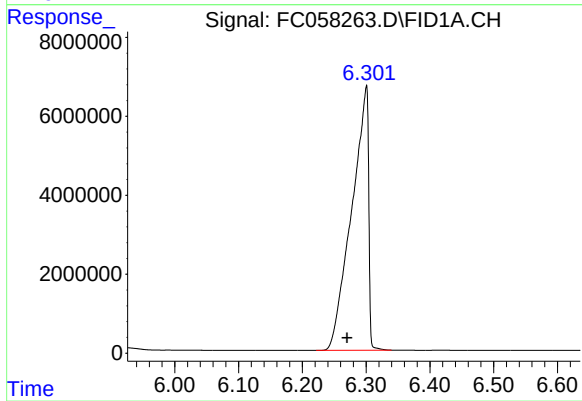
#2 n-Decane (C10)

R.T.: 4.340 min
Delta R.T.: 0.020 min
Response: 116946445
Conc: 96.24 ug/ml



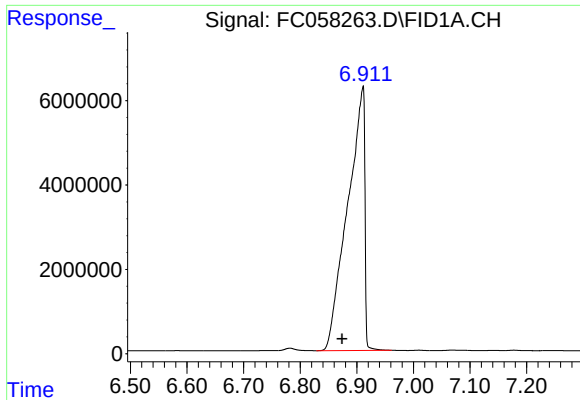
#3 A~Naphthalene (C11.7)

R.T.: 5.858 min
Delta R.T.: 0.025 min
Response: 132285018
Conc: 97.47 ug/ml



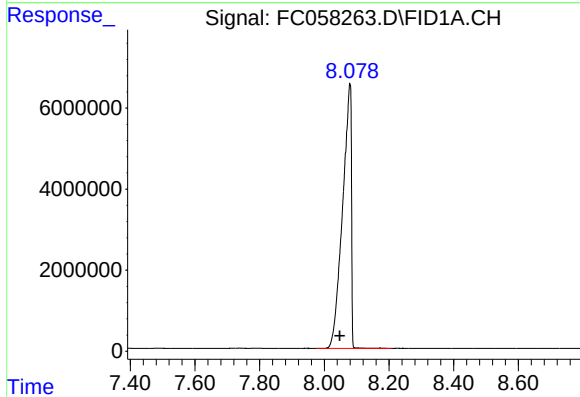
#4 n-Dodecane (C12)

R.T.: 6.295 min
Delta R.T.: 0.025 min
Response: 122821540
Conc: 96.56 ug/ml



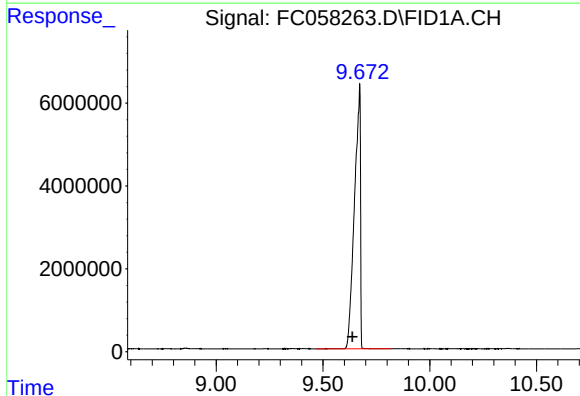
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.905 min
Delta R.T.: 0.030 min
Response: 131349493
Conc: 98.56 ug/ml



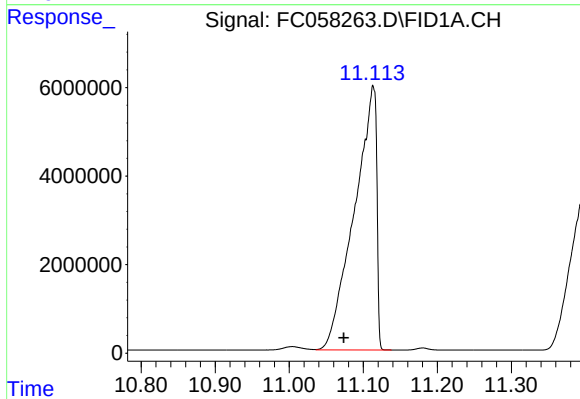
#6 n-Tetradecane (C14)

R.T.: 8.074 min
Delta R.T.: 0.027 min
Response: 123723540
Conc: 96.89 ug/ml



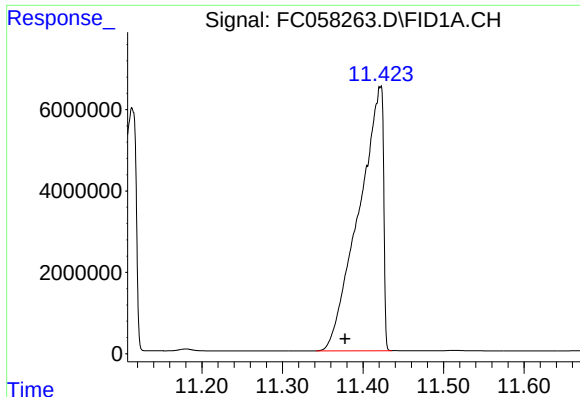
#7 n-Hexadecane (C16)

R.T.: 9.666 min
Delta R.T.: 0.028 min
Response: 123040763
Conc: 97.68 ug/ml



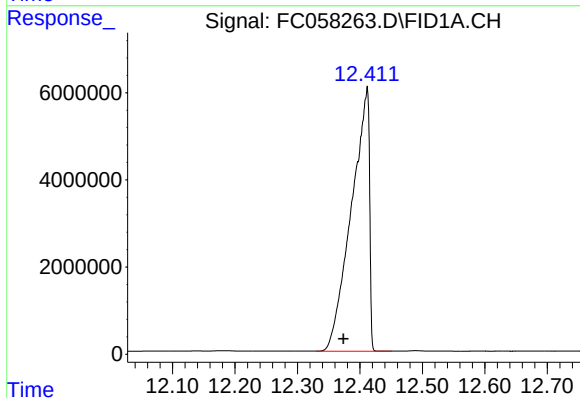
#8 n-Octadecane (C18)

R.T.: 11.113 min
Delta R.T.: 0.039 min
Response: 124438211
Conc: 98.28 ug/ml m



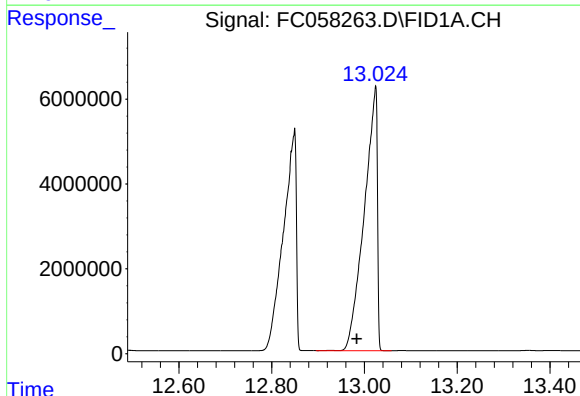
#9 ortho-Terphenyl (SURR)

R.T.: 11.423 min
Delta R.T.: 0.045 min
Response: 137417039
Conc: 99.07 ug/ml m



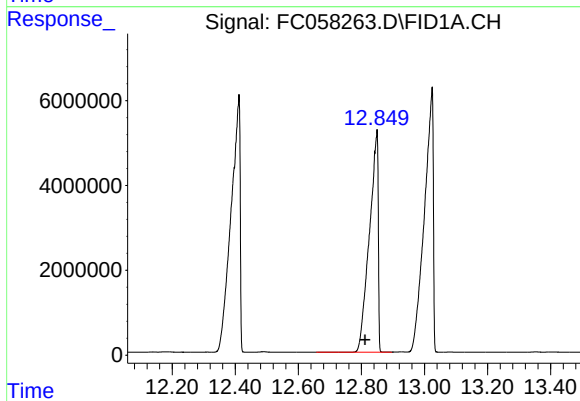
#10 n-Eicosane (C20)

R.T.: 12.405 min
Delta R.T.: 0.032 min
Response: 120979329
Conc: 98.59 ug/ml



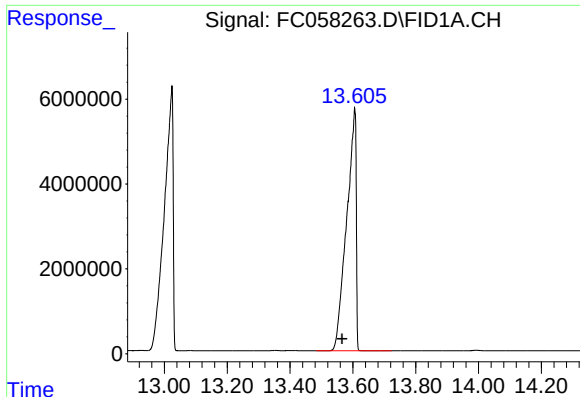
#11 n-Heneicosane (C21)

R.T.: 13.018 min
Delta R.T.: 0.035 min
Response: 121431073
Conc: 98.72 ug/ml



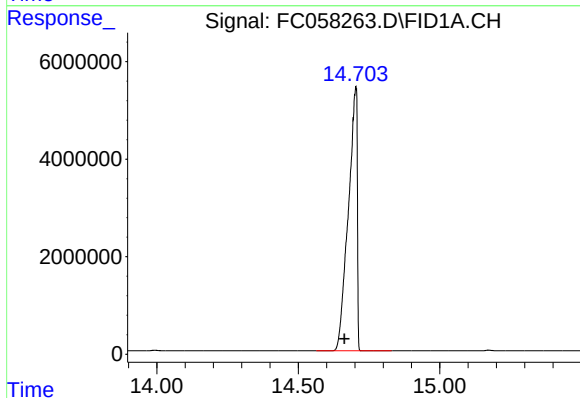
#12 1-chlorooctadecane (SURR)

R.T.: 12.843 min
Delta R.T.: 0.031 min
Response: 100633198
Conc: 100.78 ug/ml



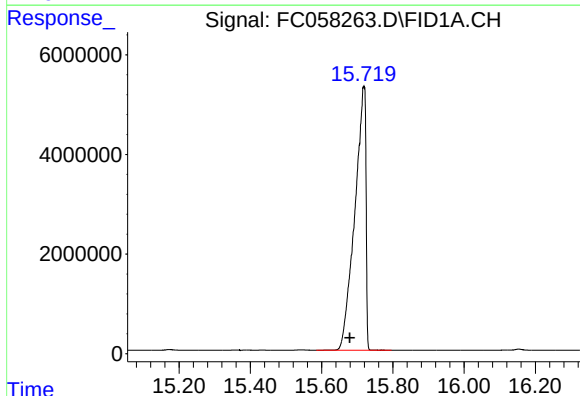
#13 n-Docosane (C22)

R.T.: 13.601 min
Delta R.T.: 0.035 min
Response: 119780447
Conc: 99.54 ug/ml



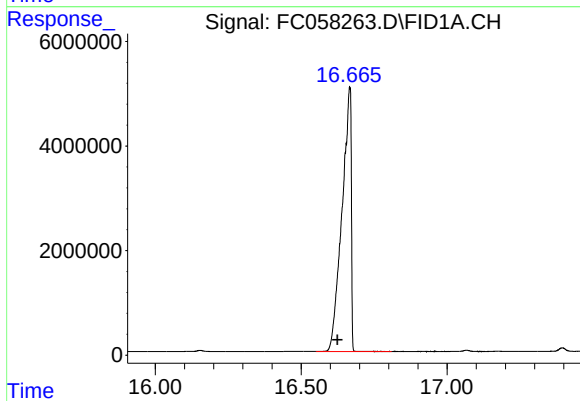
#14 n-Tetracosane (C24)

R.T.: 14.698 min
Delta R.T.: 0.035 min
Response: 118782641
Conc: 101.34 ug/ml



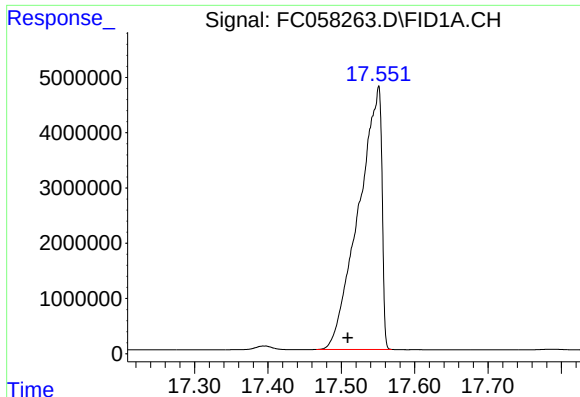
#15 n-Hexacosane (C26)

R.T.: 15.715 min
Delta R.T.: 0.035 min
Response: 114891264
Conc: 102.73 ug/ml



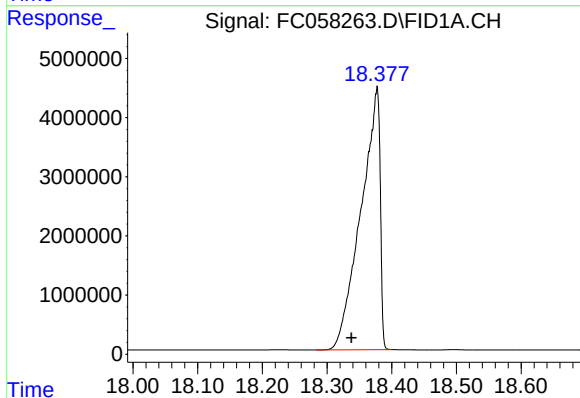
#16 n-Octacosane (C28)

R.T.: 16.662 min
Delta R.T.: 0.037 min
Response: 111423740
Conc: 102.89 ug/ml



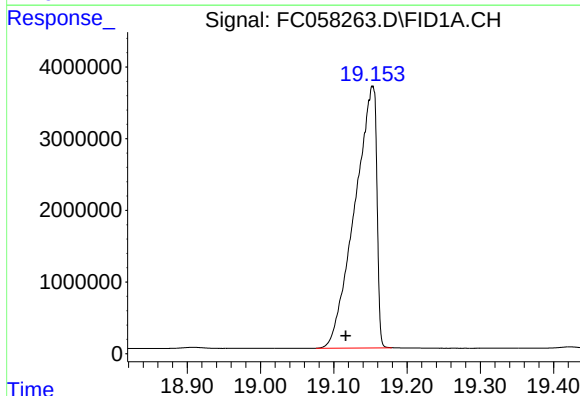
#17 n-Tricontane (C30)

R.T.: 17.551 min
Delta R.T.: 0.042 min
Response: 104476887
Conc: 101.43 ug/ml m



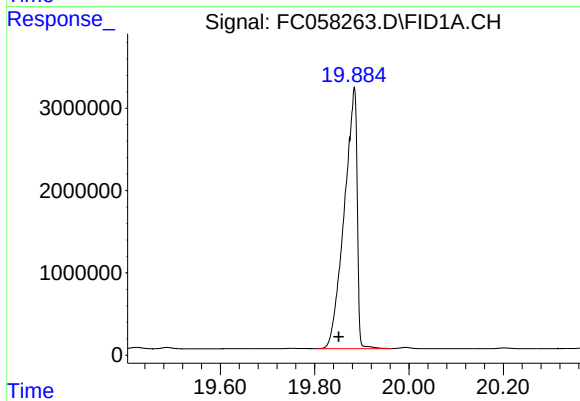
#18 n-Dotriacontane (C32)

R.T.: 18.373 min
Delta R.T.: 0.035 min
Response: 91305848
Conc: 98.70 ug/ml



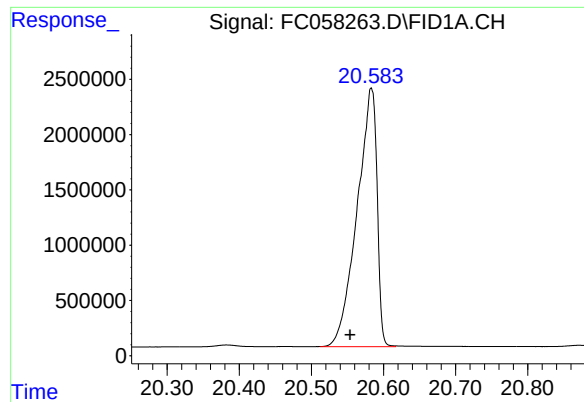
#19 n-Tetratriacontane (C34)

R.T.: 19.153 min
Delta R.T.: 0.037 min
Response: 76208281
Conc: 100.46 ug/ml m



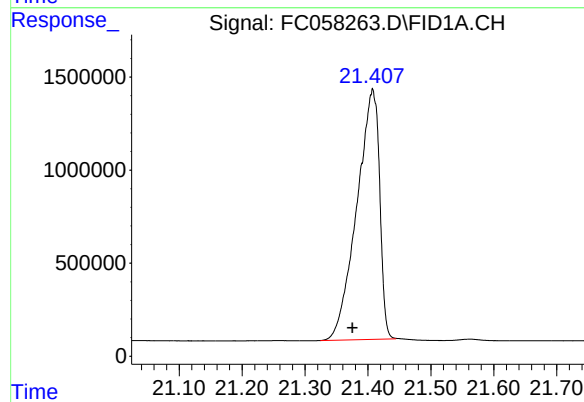
#20 n-Hexatriacontane (C36)

R.T.: 19.876 min
Delta R.T.: 0.025 min
Response: 60080181
Conc: 103.01 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.583 min
Delta R.T.: 0.029 min
Response: 44913136
Conc: 106.07 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.407 min
Delta R.T.: 0.032 min
Response: 33768665
Conc: 119.24 ug/ml m