

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071620AL\
 Data File : FC048458.D
 Signal(s) : FID1A.CH
 Acq On : 16 Jul 2020 11:27
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jul 17 01:58:36 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 070820.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 08 03:03:00 2020
 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)	11.679	2782993	20.277 ug/ml
Spiked Amount 50.000		Recovery =	40.55%
12) S 1-chlorooctadecane (S...	13.112	2243294	19.907 ug/ml
Spiked Amount 50.000		Recovery =	39.81%
Target Compounds			
1) T n-Nonane (C9)	3.415	2545197	21.352 ug/ml
2) T n-Decane (C10)	4.488	2577864	21.416 ug/ml
3) T A~Naphthalene (C11.7)	6.084	2912419	21.642 ug/ml
4) T n-Dodecane (C12)	6.514	2619312	21.410 ug/ml
5) T A~2-methylnaphthalene...	7.144	2972500	21.566 ug/ml
6) T n-Tetradecane (C14)	8.312	2613210	21.213 ug/ml
7) T n-Hexadecane (C16)	9.914	2567187	20.971 ug/ml
8) T n-Octadecane (C18)	11.356	2638474	20.616 ug/ml
10) T n-Eicosane (C20)	12.666	2616055	20.227 ug/ml
11) T n-Heneicosane (C21)	13.279	2588952	19.973 ug/ml
13) T n-Docosane (C22)	13.865	2562537	19.737 ug/ml
14) T n-Tetracosane (C24)	14.967	2491880	19.010 ug/ml
15) T n-Hexacosane (C26)	15.987	2387058	18.357 ug/ml
16) T n-Octacosane (C28)	16.937	2305930	17.647 ug/ml
17) T n-Tricontane (C30)	17.822	2180109	16.958 ug/ml
18) T n-Dotriacontane (C32)	18.653	1942297	16.441 ug/ml
19) T n-Tetratriacontane (C34)	19.436	1798382	16.111 ug/ml
20) T n-Hexatriacontane (C36)	20.175	1709054	16.250 ug/ml
21) T n-Octatriacontane (C38)	20.933	1625973	16.563 ug/ml
22) T n-Tetracontane (C40)	21.884	1707413	17.570 ug/ml

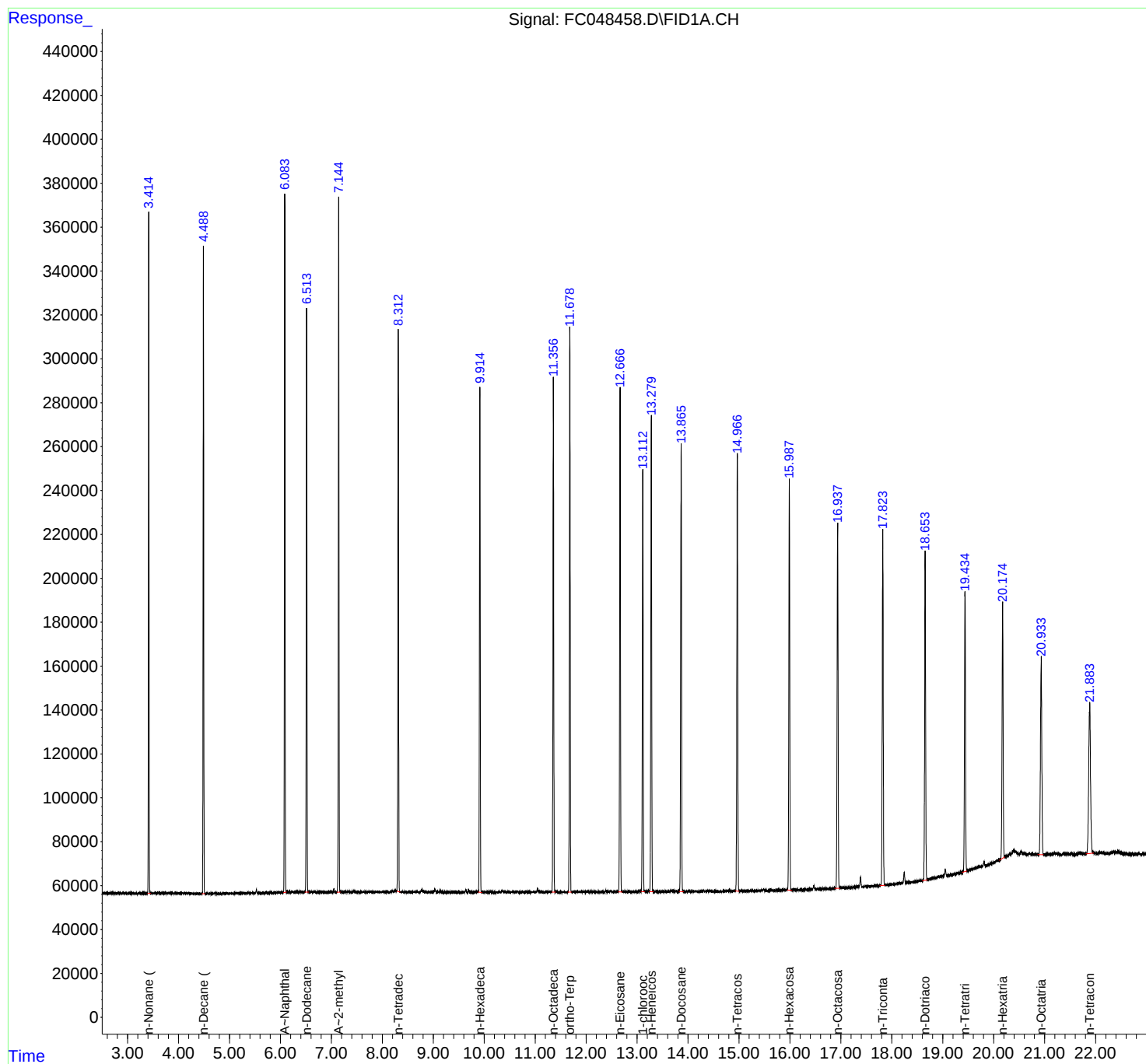
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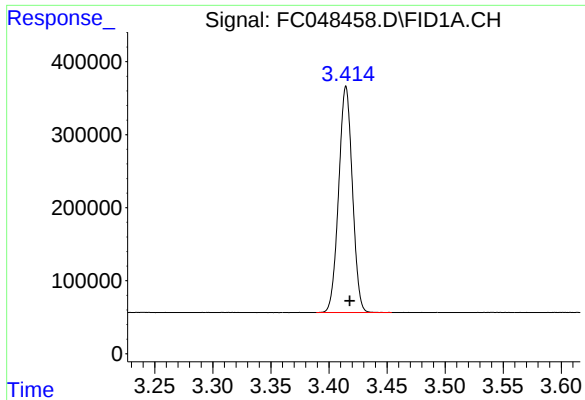
(m)=manual int.

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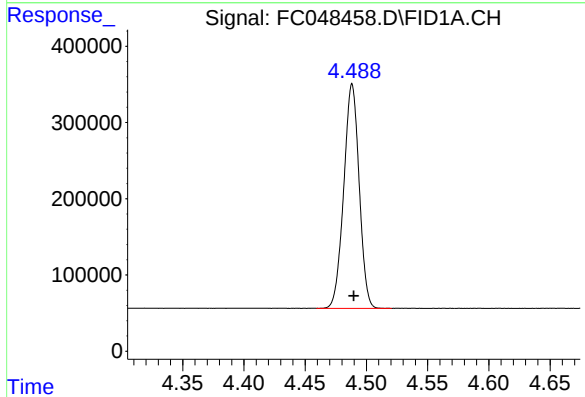
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Signal Info : 20M x 0.18mm x 0.18um





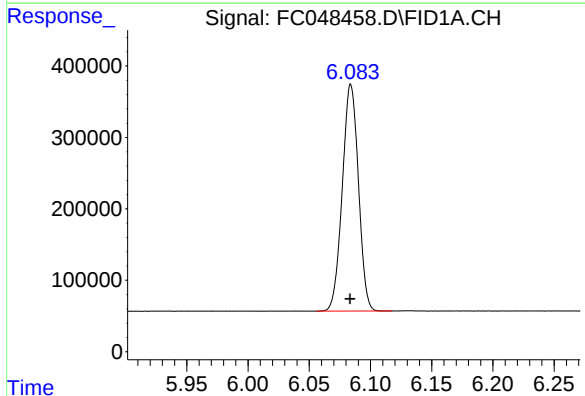
#1 n-Nonane (C9)

R.T.: 3.415 min
Delta R.T.: -0.003 min
Response: 2545197
Conc: 21.35 ug/ml



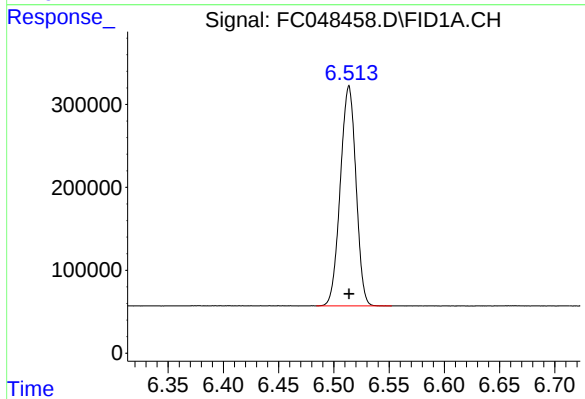
#2 n-Decane (C10)

R.T.: 4.488 min
Delta R.T.: -0.001 min
Response: 2577864
Conc: 21.42 ug/ml



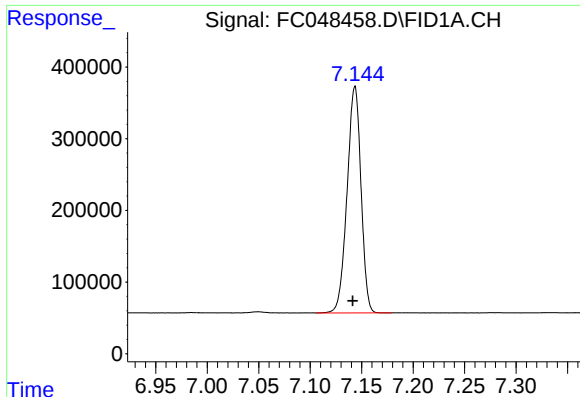
#3 A~Naphthalene (C11.7)

R.T.: 6.084 min
Delta R.T.: 0.000 min
Response: 2912419
Conc: 21.64 ug/ml



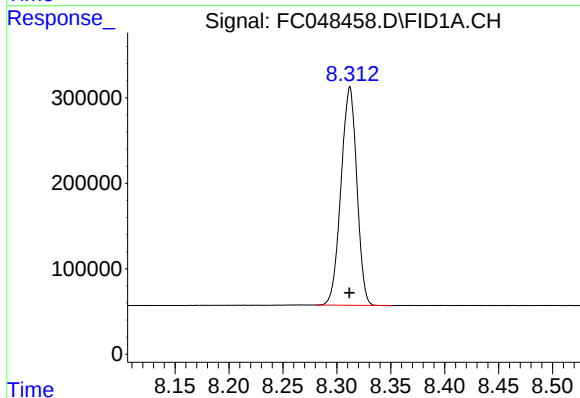
#4 n-Dodecane (C12)

R.T.: 6.514 min
Delta R.T.: 0.000 min
Response: 2619312
Conc: 21.41 ug/ml



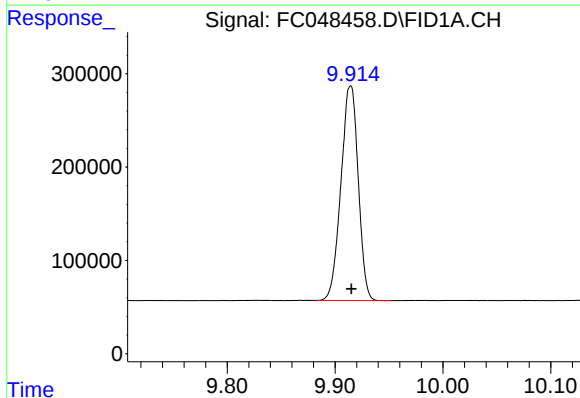
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.144 min
Delta R.T.: 0.002 min
Response: 2972500
Conc: 21.57 ug/ml



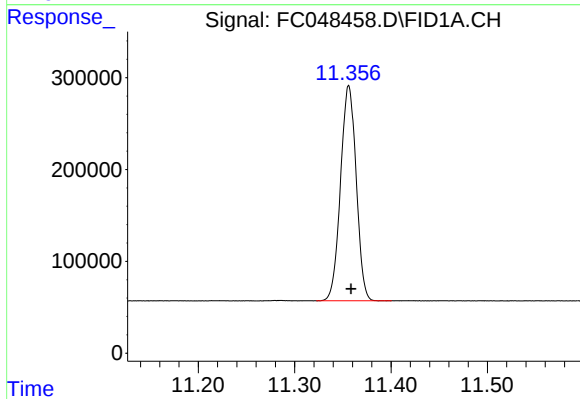
#6 n-Tetradecane (C14)

R.T.: 8.312 min
Delta R.T.: 0.000 min
Response: 2613210
Conc: 21.21 ug/ml



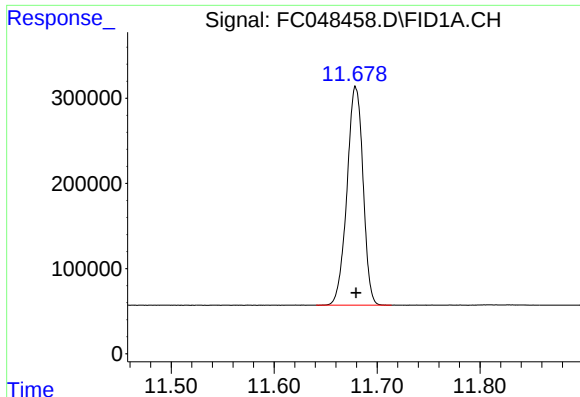
#7 n-Hexadecane (C16)

R.T.: 9.914 min
Delta R.T.: 0.000 min
Response: 2567187
Conc: 20.97 ug/ml



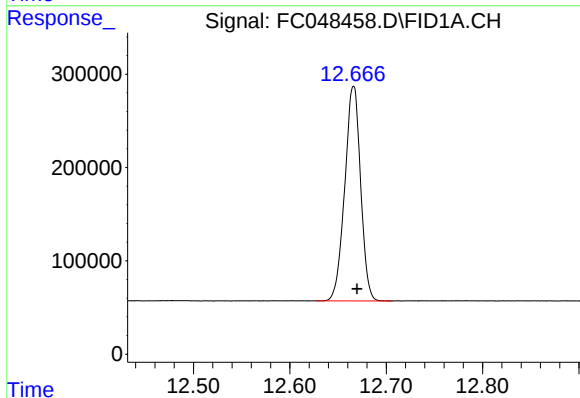
#8 n-Octadecane (C18)

R.T.: 11.356 min
Delta R.T.: -0.002 min
Response: 2638474
Conc: 20.62 ug/ml



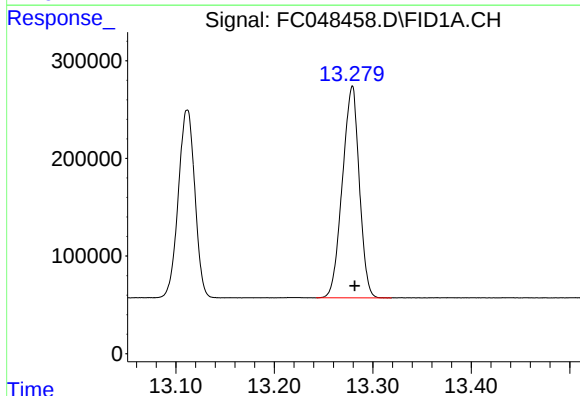
#9 ortho-Terphenyl (SURR)

R.T.: 11.679 min
Delta R.T.: 0.000 min
Response: 2782993
Conc: 20.28 ug/ml



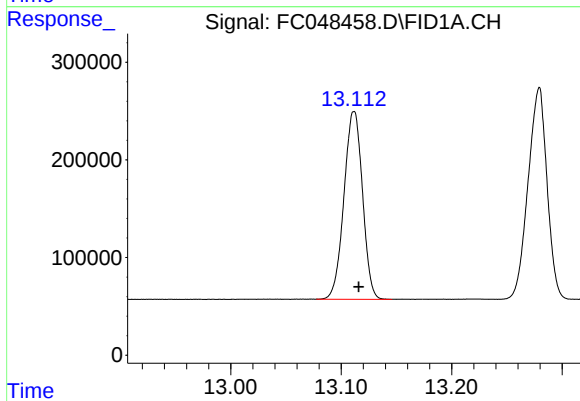
#10 n-Eicosane (C20)

R.T.: 12.666 min
Delta R.T.: -0.003 min
Response: 2616055
Conc: 20.23 ug/ml



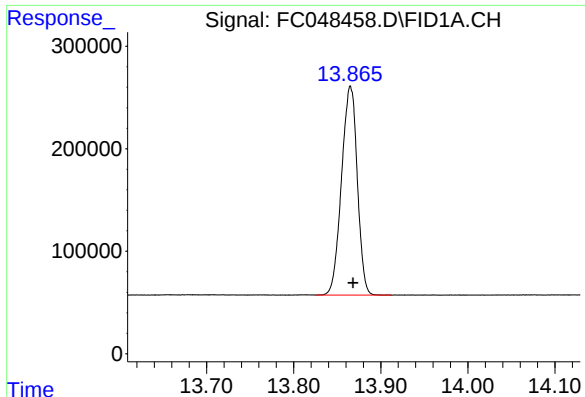
#11 n-Heneicosane (C21)

R.T.: 13.279 min
Delta R.T.: -0.002 min
Response: 2588952
Conc: 19.97 ug/ml



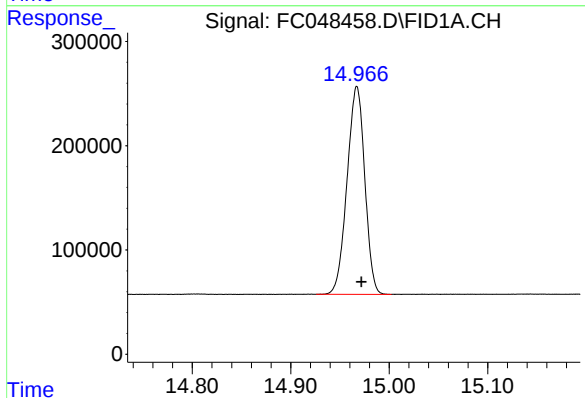
#12 1-chlorooctadecane (SURR)

R.T.: 13.112 min
Delta R.T.: -0.004 min
Response: 2243294
Conc: 19.91 ug/ml



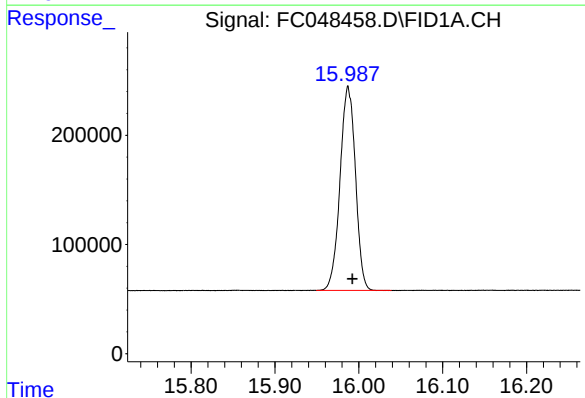
#13 n-Docosane (C22)

R.T.: 13.865 min
Delta R.T.: -0.003 min
Response: 2562537
Conc: 19.74 ug/ml



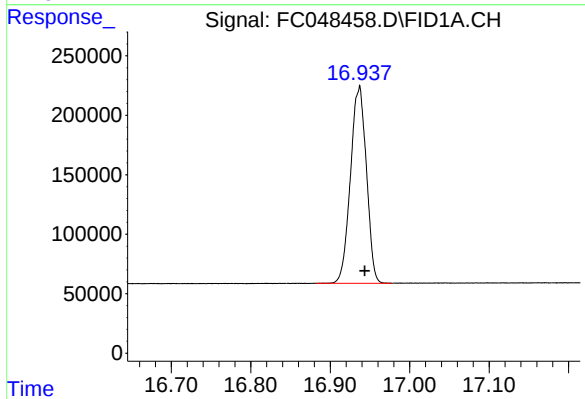
#14 n-Tetracosane (C24)

R.T.: 14.967 min
Delta R.T.: -0.005 min
Response: 2491880
Conc: 19.01 ug/ml



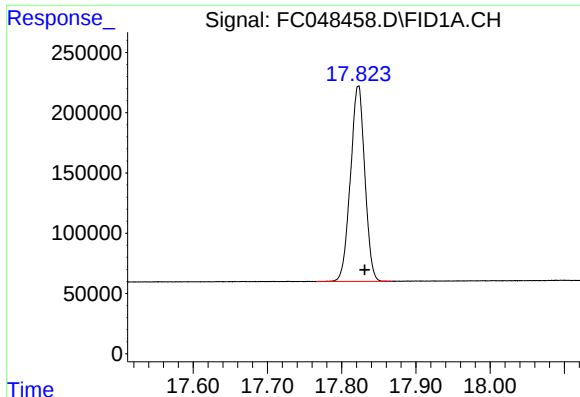
#15 n-Hexacosane (C26)

R.T.: 15.987 min
Delta R.T.: -0.005 min
Response: 2387058
Conc: 18.36 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.937 min
Delta R.T.: -0.006 min
Response: 2305930
Conc: 17.65 ug/ml



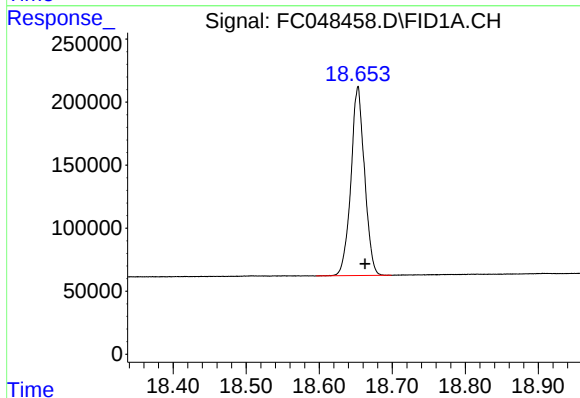
#17 n-Tricontane (C30)

R.T.: 17.822 min

Delta R.T.: -0.009 min

Response: 2180109

Conc: 16.96 ug/ml



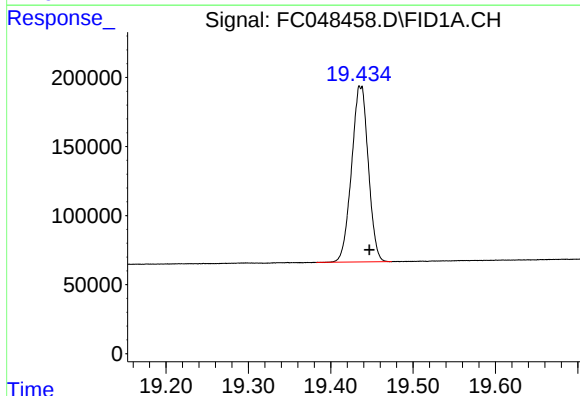
#18 n-Dotriacontane (C32)

R.T.: 18.653 min

Delta R.T.: -0.010 min

Response: 1942297

Conc: 16.44 ug/ml



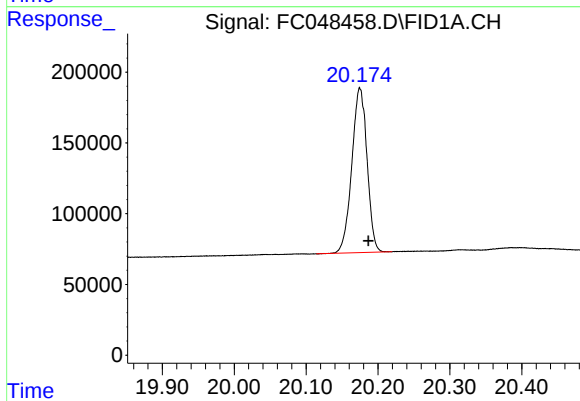
#19 n-Tetratriacontane (C34)

R.T.: 19.436 min

Delta R.T.: -0.011 min

Response: 1798382

Conc: 16.11 ug/ml



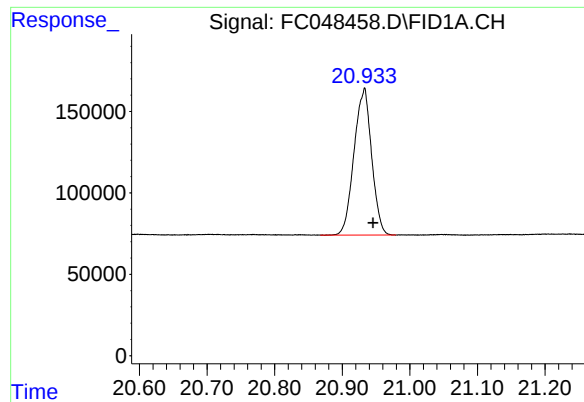
#20 n-Hexatriacontane (C36)

R.T.: 20.175 min

Delta R.T.: -0.012 min

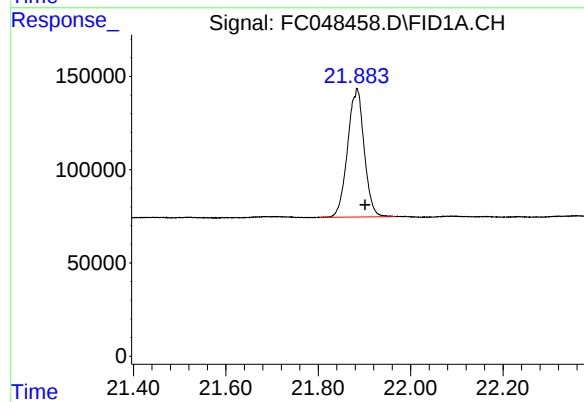
Response: 1709054

Conc: 16.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.933 min
Delta R.T.: -0.013 min
Response: 1625973
Conc: 16.56 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.884 min
Delta R.T.: -0.017 min
Response: 1707413
Conc: 17.57 ug/ml