

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110718AL\
 Data File : FC037468.D
 Signal(s) : FID1A.CH
 Acq On : 08 Nov 2018 12:20
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Nov 08 13:03:38 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 103018.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 31 05:57:18 2018
 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)	11.324	2841528	19.567 ug/ml
Spiked Amount 50.000		Recovery =	39.13%
12) S 1-chlorooctadecane (S...	12.767	2275006	20.305 ug/ml
Spiked Amount 50.000		Recovery =	40.61%
Target Compounds			
1) T n-Nonane (C9)	3.149	2412181	20.159 ug/mlm
2) T n-Decane (C10)	4.209	2549427	21.094 ug/ml
3) T A-Naphthalene (C11.7)	5.774	2859032	21.100 ug/ml
4) T n-Dodecane (C12)	6.217	2627360	20.755 ug/ml
5) T A~2-methylnaphthalene...	6.823	2863608	20.841 ug/ml
6) T n-Tetradecane (C14)	8.000	2652064	20.151 ug/ml
7) T n-Hexadecane (C16)	9.591	2692601	19.900 ug/ml
8) T n-Octadecane (C18)	11.025	2694854	19.224 ug/ml
10) T n-Eicosane (C20)	12.328	2706417	19.923 ug/ml
11) T n-Heneicosane (C21)	12.937	2684275	20.507 ug/ml
13) T n-Docosane (C22)	13.521	2701050	20.805 ug/ml
14) T n-Tetracosane (C24)	14.619	2756363	21.653 ug/ml
15) T n-Hexacosane (C26)	15.634	2797009	22.349 ug/ml
16) T n-Octacosane (C28)	16.581	2961266	23.347 ug/ml
17) T n-Tricontane (C30)	17.465	3076225	22.322 ug/ml
18) T n-Dotriacontane (C32)	18.295	3193680	20.916 ug/ml
19) T n-Tetratriacontane (C34)	19.076	3183127	22.621 ug/ml
20) T n-Hexatriacontane (C36)	19.814	3133739	23.154 ug/ml
21) T n-Octatriacontane (C38)	20.516	3162201	23.539 ug/ml
22) T n-Tetracontane (C40)	21.338	3134596	21.369 ug/ml

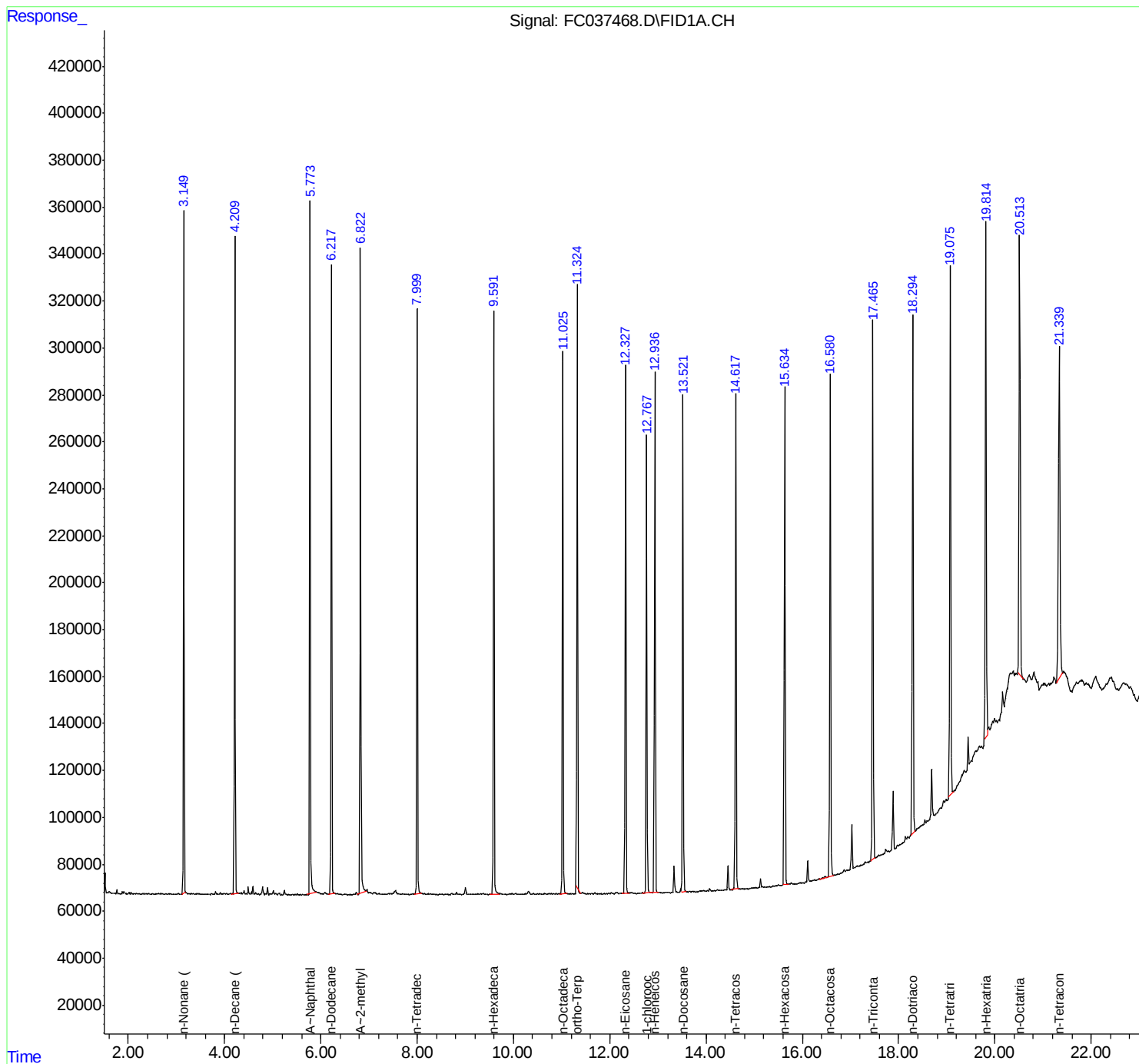
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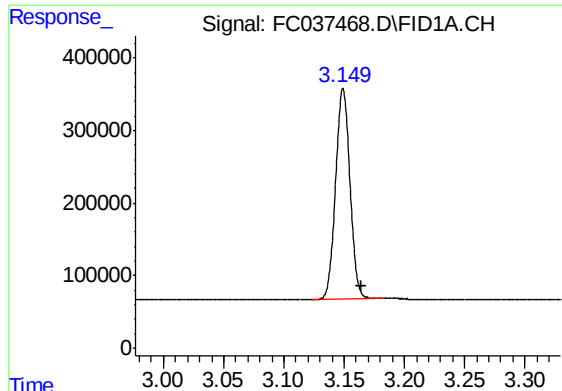
(m)=manual int.

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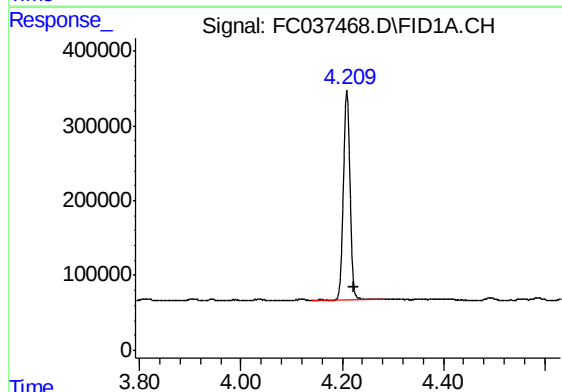
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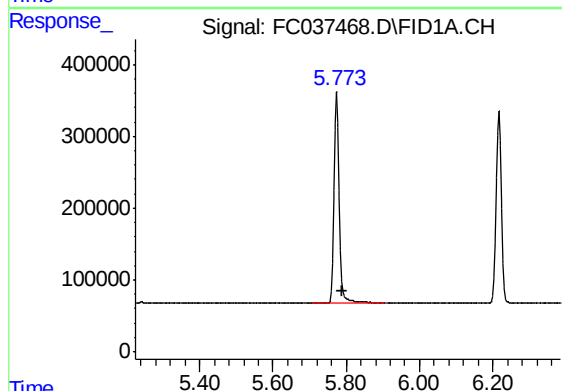
#1 n-Nonane (C9)

R.T.: 3.149 min
Delta R.T.: -0.015 min
Response: 2412181
Conc: 20.16 ug/ml m



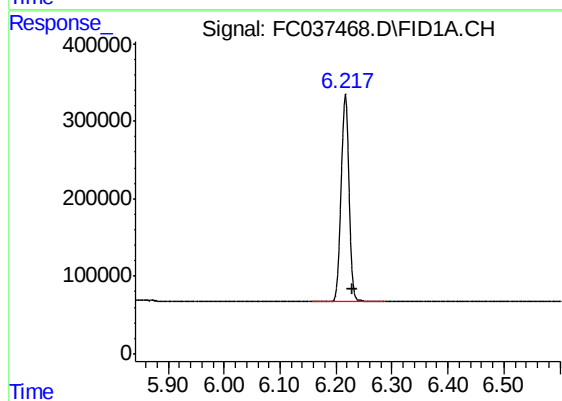
#2 n-Decane (C10)

R.T.: 4.209 min
Delta R.T.: -0.013 min
Response: 2549427
Conc: 21.09 ug/ml



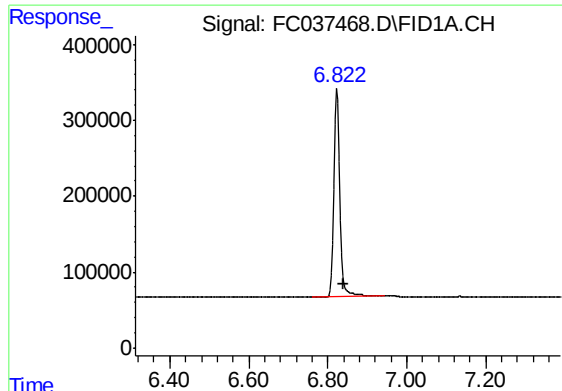
#3 A~Naphthalene (C11.7)

R.T.: 5.774 min
Delta R.T.: -0.016 min
Response: 2859032
Conc: 21.10 ug/ml



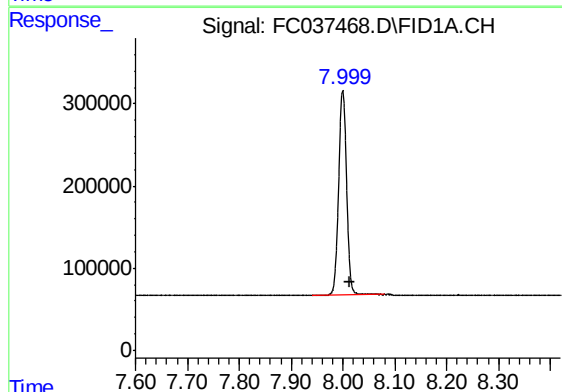
#4 n-Dodecane (C12)

R.T.: 6.217 min
Delta R.T.: -0.013 min
Response: 2627360
Conc: 20.75 ug/ml



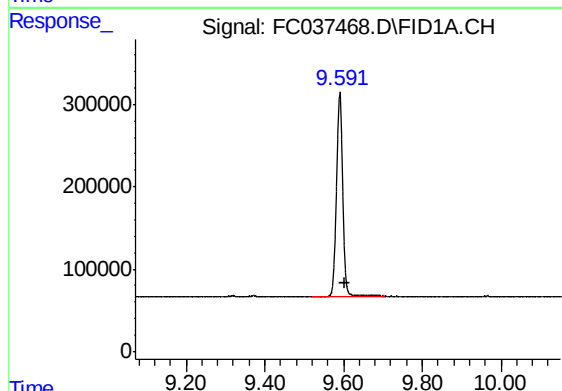
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.823 min
Delta R.T.: -0.016 min
Response: 2863608
Conc: 20.84 ug/ml



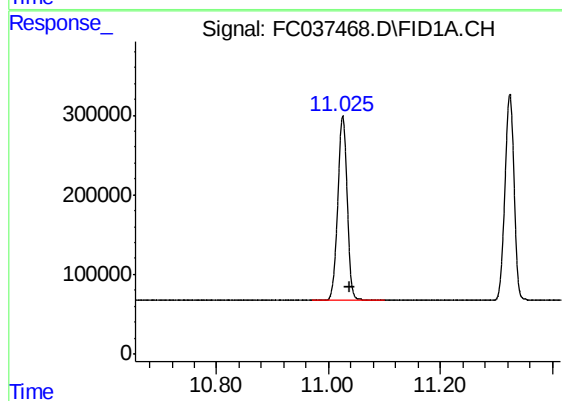
#6 n-Tetradecane (C14)

R.T.: 8.000 min
Delta R.T.: -0.014 min
Response: 2652064
Conc: 20.15 ug/ml



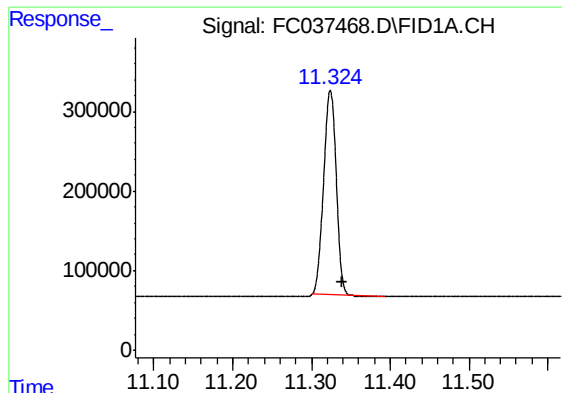
#7 n-Hexadecane (C16)

R.T.: 9.591 min
Delta R.T.: -0.014 min
Response: 2692601
Conc: 19.90 ug/ml



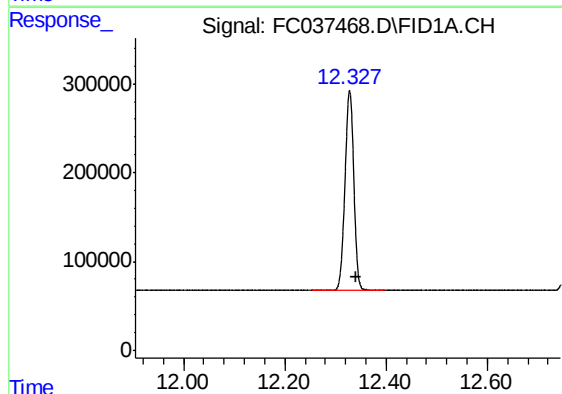
#8 n-Octadecane (C18)

R.T.: 11.025 min
Delta R.T.: -0.013 min
Response: 2694854
Conc: 19.22 ug/ml



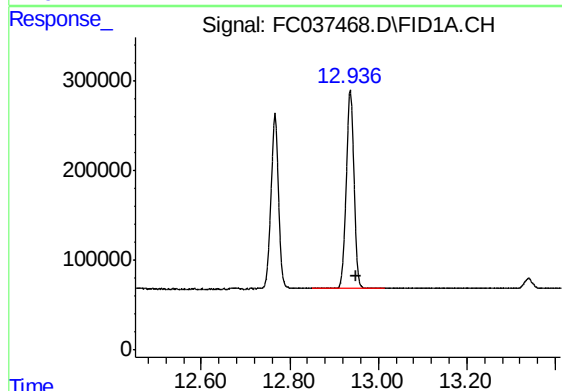
#9 ortho-Terphenyl (SURR)

R.T.: 11.324 min
Delta R.T.: -0.015 min
Response: 2841528
Conc: 19.57 ug/ml



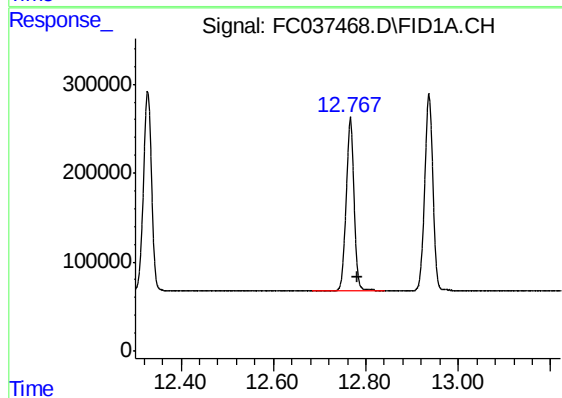
#10 n-Eicosane (C20)

R.T.: 12.328 min
Delta R.T.: -0.013 min
Response: 2706417
Conc: 19.92 ug/ml



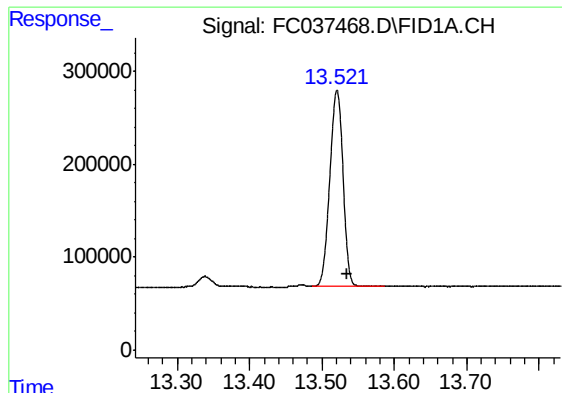
#11 n-Heneicosane (C21)

R.T.: 12.937 min
Delta R.T.: -0.014 min
Response: 2684275
Conc: 20.51 ug/ml



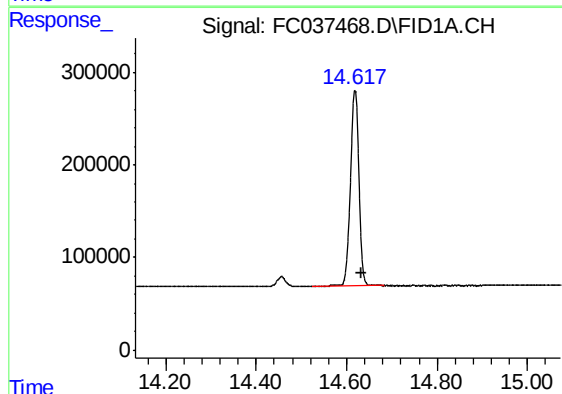
#12 1-chlorooctadecane (SURR)

R.T.: 12.767 min
Delta R.T.: -0.015 min
Response: 2275006
Conc: 20.31 ug/ml



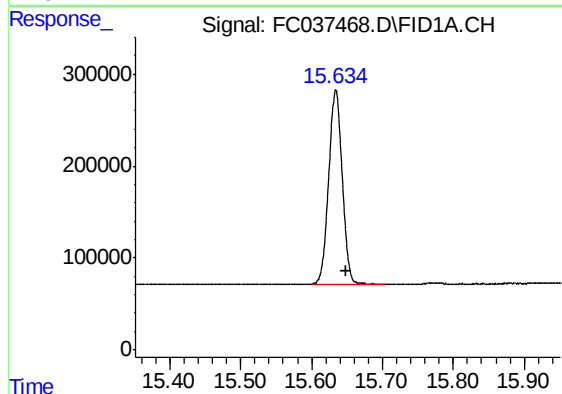
#13 n-Docosane (C22)

R.T.: 13.521 min
Delta R.T.: -0.014 min
Response: 2701050
Conc: 20.81 ug/ml



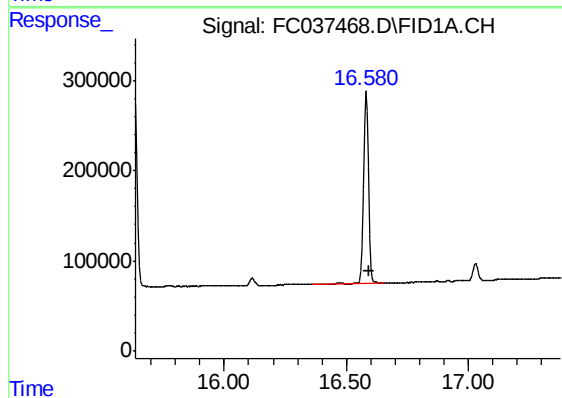
#14 n-Tetracosane (C24)

R.T.: 14.619 min
Delta R.T.: -0.013 min
Response: 2756363
Conc: 21.65 ug/ml



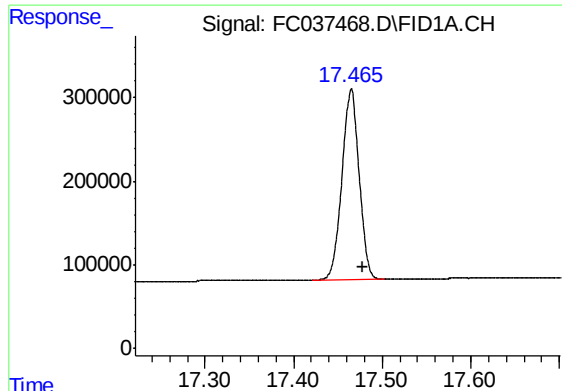
#15 n-Hexacosane (C26)

R.T.: 15.634 min
Delta R.T.: -0.014 min
Response: 2797009
Conc: 22.35 ug/ml



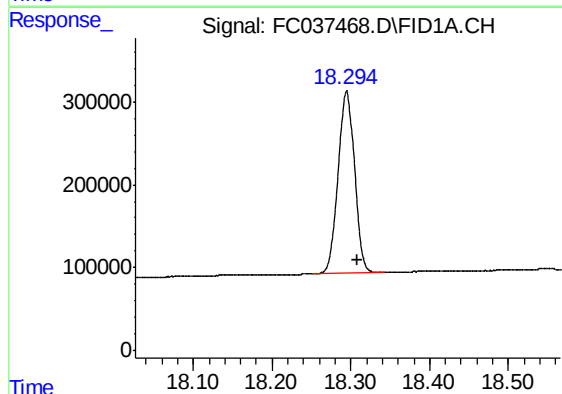
#16 n-Octacosane (C28)

R.T.: 16.581 min
Delta R.T.: -0.014 min
Response: 2961266
Conc: 23.35 ug/ml



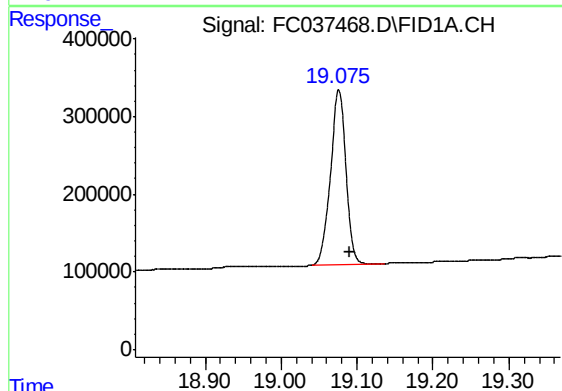
#17 n-Tricontane (C30)

R.T.: 17.465 min
Delta R.T.: -0.014 min
Response: 3076225
Conc: 22.32 ug/ml



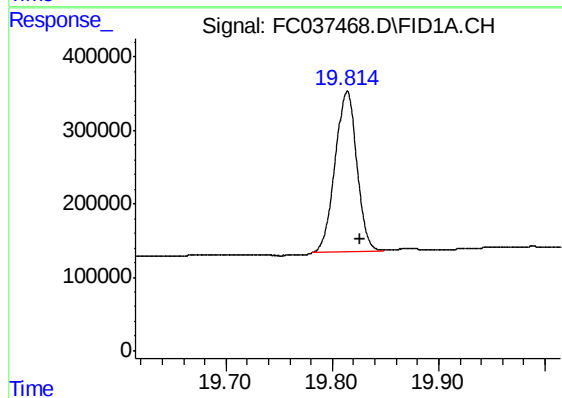
#18 n-Dotriacontane (C32)

R.T.: 18.295 min
Delta R.T.: -0.014 min
Response: 3193680
Conc: 20.92 ug/ml



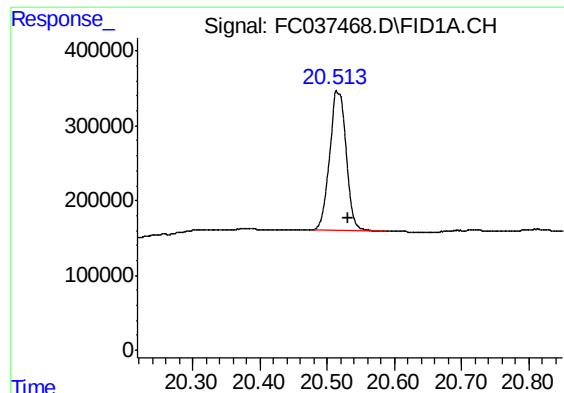
#19 n-Tetatriacontane (C34)

R.T.: 19.076 min
Delta R.T.: -0.015 min
Response: 3183127
Conc: 22.62 ug/ml



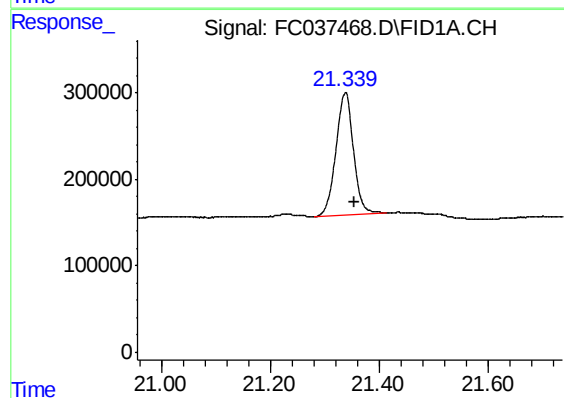
#20 n-Hexatriacontane (C36)

R.T.: 19.814 min
Delta R.T.: -0.012 min
Response: 3133739
Conc: 23.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.516 min
Delta R.T.: -0.016 min
Response: 3162201
Conc: 23.54 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.338 min
Delta R.T.: -0.016 min
Response: 3134596
Conc: 21.37 ug/ml