

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071520AL\
 Data File : FC048455.D
 Signal(s) : FID1A.CH
 Acq On : 16 Jul 2020 4:38
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 16 05:03:53 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic 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	2833878	20.648 ug/ml
Spiked Amount 50.000		Recovery =	41.30%
12) S 1-chlorooctadecane (S...	13.112	2275133	20.190 ug/ml
Spiked Amount 50.000		Recovery =	40.38%
Target Compounds			
1) T n-Nonane (C9)	3.414	2584024	21.677 ug/ml
2) T n-Decane (C10)	4.488	2644067	21.966 ug/ml
3) T A~Naphthalene (C11.7)	6.084	2990975	22.226 ug/ml
4) T n-Dodecane (C12)	6.513	2693852	22.019 ug/ml
5) T A~2-methylnaphthalene...	7.143	3059487	22.197 ug/ml
6) T n-Tetradecane (C14)	8.312	2685308	21.799 ug/ml
7) T n-Hexadecane (C16)	9.914	2634272	21.519 ug/ml
8) T n-Octadecane (C18)	11.357	2701566	21.109 ug/ml
10) T n-Eicosane (C20)	12.668	2668786	20.635 ug/ml
11) T n-Heneicosane (C21)	13.279	2631437	20.300 ug/ml
13) T n-Docosane (C22)	13.866	2609460	20.098 ug/ml
14) T n-Tetracosane (C24)	14.968	2545222	19.417 ug/ml
15) T n-Hexacosane (C26)	15.990	2429146	18.681 ug/ml
16) T n-Octacosane (C28)	16.938	2347928	17.969 ug/ml
17) T n-Tricontane (C30)	17.823	2239559	17.421 ug/ml
18) T n-Dotriacontane (C32)	18.656	2011736	17.028 ug/ml
19) T n-Tetratriacontane (C34)	19.439	1852073	16.592 ug/ml
20) T n-Hexatriacontane (C36)	20.176	1776747	16.893 ug/ml
21) T n-Octatriacontane (C38)	20.932	1652419	16.832 ug/ml
22) T n-Tetracontane (C40)	21.886	1758694	18.098 ug/ml

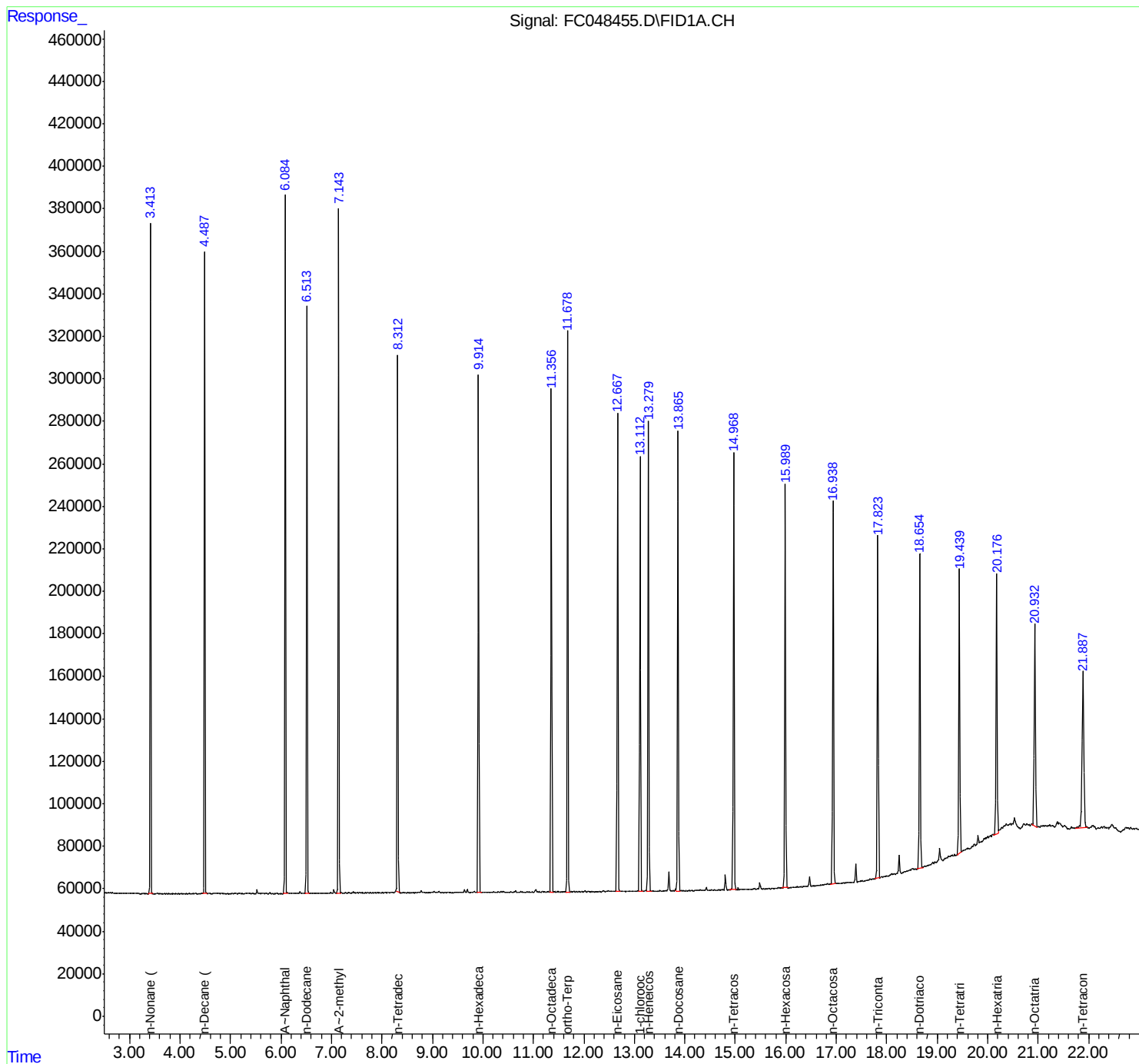
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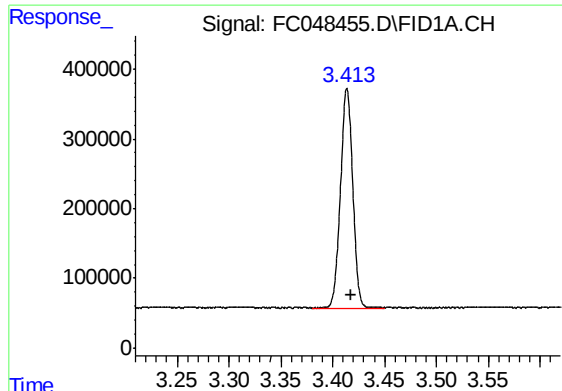
(m)=manual int.

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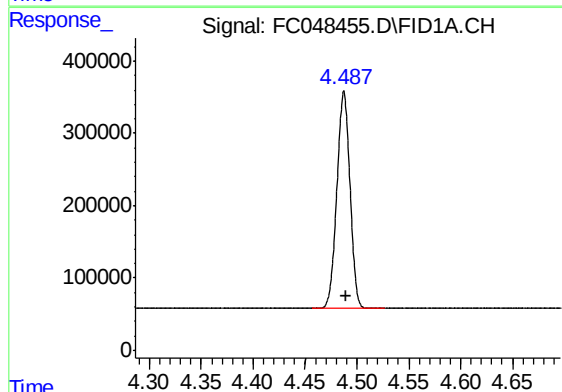
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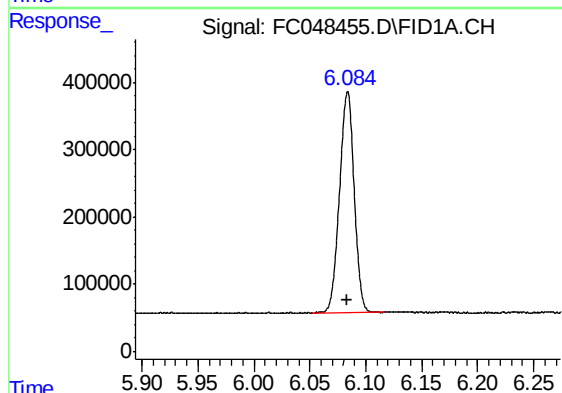
#1 n-Nonane (C9)

R.T.: 3.414 min
Delta R.T.: -0.004 min
Response: 2584024
Conc: 21.68 ug/ml



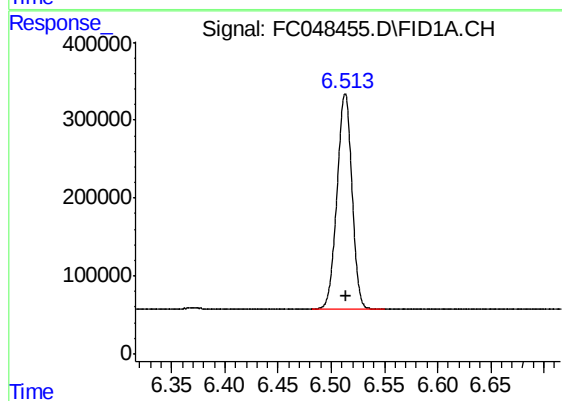
#2 n-Decane (C10)

R.T.: 4.488 min
Delta R.T.: -0.002 min
Response: 2644067
Conc: 21.97 ug/ml



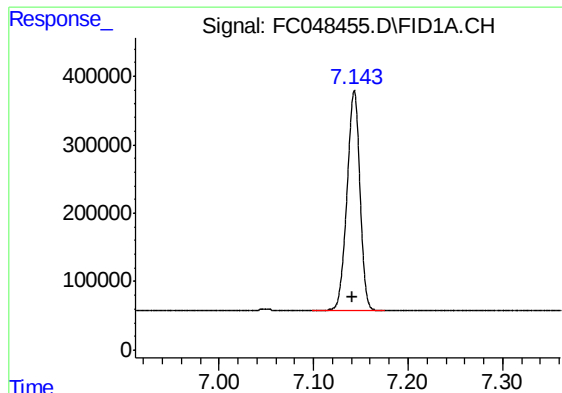
#3 A~Naphthalene (C11.7)

R.T.: 6.084 min
Delta R.T.: 0.000 min
Response: 2990975
Conc: 22.23 ug/ml



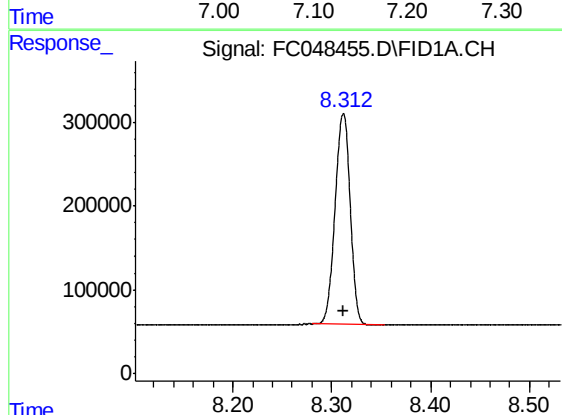
#4 n-Dodecane (C12)

R.T.: 6.513 min
Delta R.T.: 0.000 min
Response: 2693852
Conc: 22.02 ug/ml



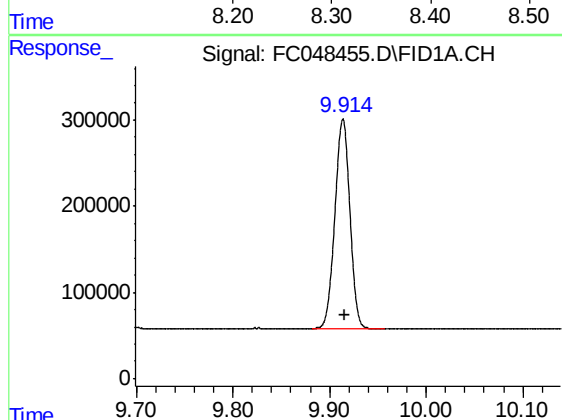
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.143 min
Delta R.T.: 0.002 min
Response: 3059487
Conc: 22.20 ug/ml



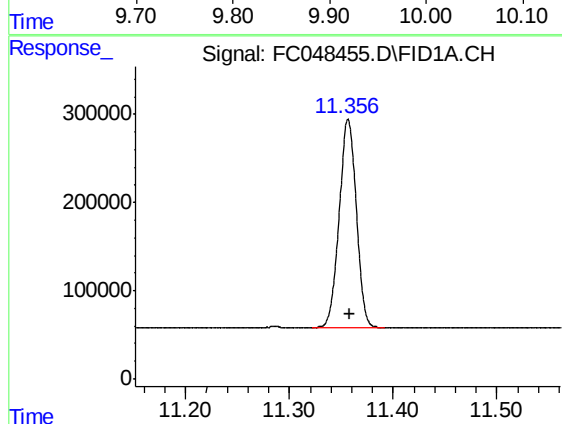
#6 n-Tetradecane (C14)

R.T.: 8.312 min
Delta R.T.: 0.000 min
Response: 2685308
Conc: 21.80 ug/ml



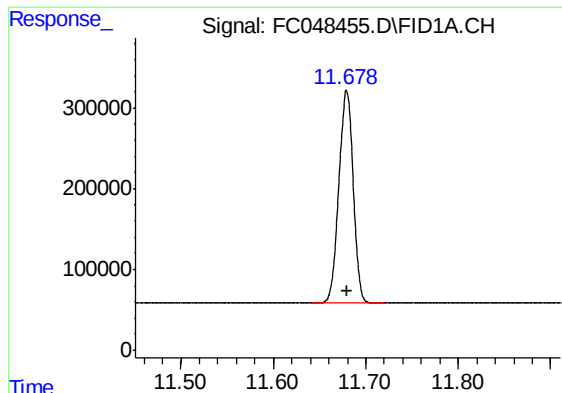
#7 n-Hexadecane (C16)

R.T.: 9.914 min
Delta R.T.: -0.001 min
Response: 2634272
Conc: 21.52 ug/ml



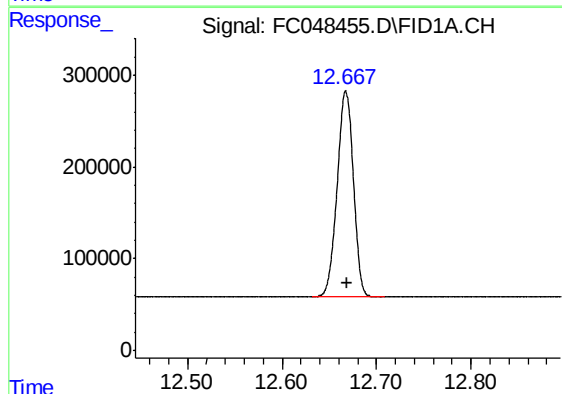
#8 n-Octadecane (C18)

R.T.: 11.357 min
Delta R.T.: -0.002 min
Response: 2701566
Conc: 21.11 ug/ml



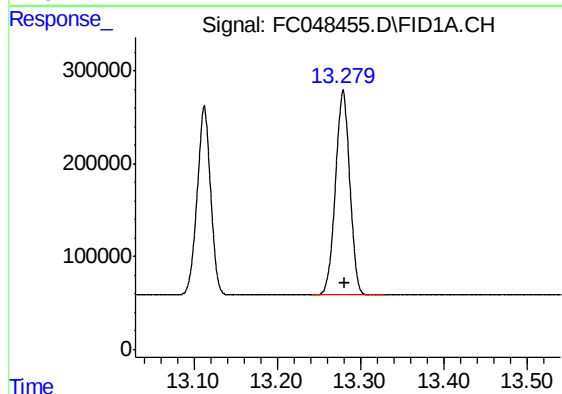
#9 ortho-Terphenyl (SURR)

R.T.: 11.679 min
Delta R.T.: 0.000 min
Response: 2833878
Conc: 20.65 ug/ml



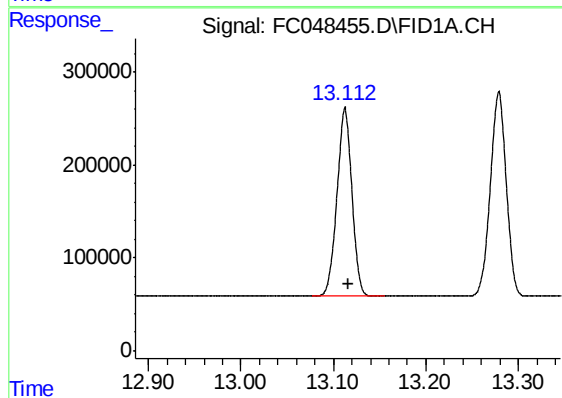
#10 n-Eicosane (C20)

R.T.: 12.668 min
Delta R.T.: -0.002 min
Response: 2668786
Conc: 20.63 ug/ml



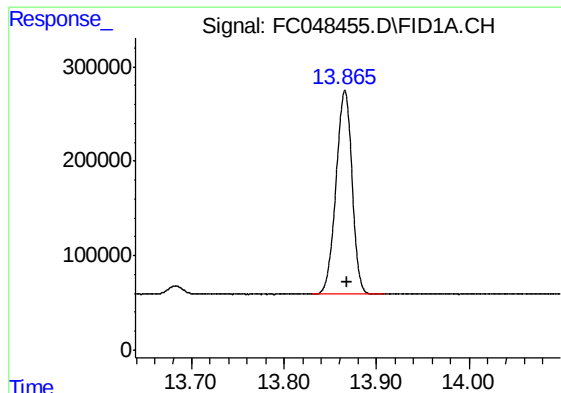
#11 n-Heneicosane (C21)

R.T.: 13.279 min
Delta R.T.: -0.003 min
Response: 2631437
Conc: 20.30 ug/ml



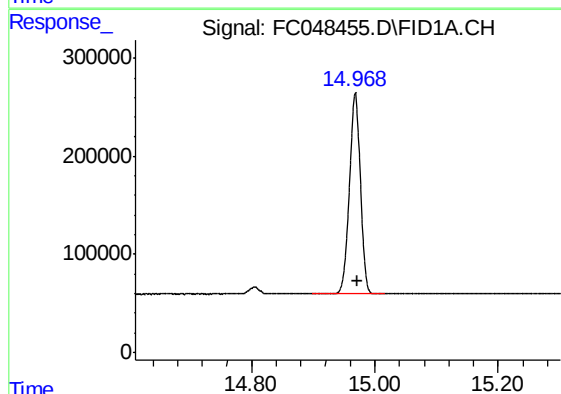
#12 1-chlorooctadecane (SURR)

R.T.: 13.112 min
Delta R.T.: -0.003 min
Response: 2275133
Conc: 20.19 ug/ml



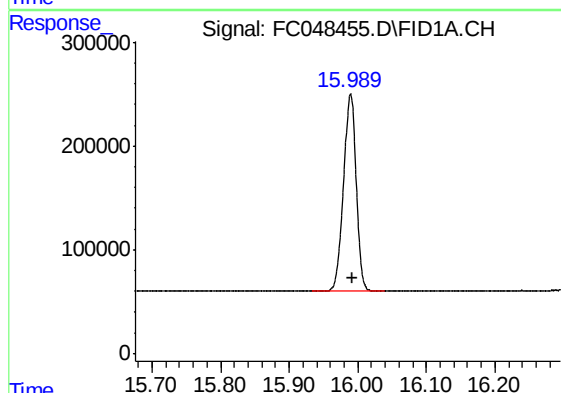
#13 n-Docosane (C22)

R.T.: 13.866 min
Delta R.T.: -0.003 min
Response: 2609460
Conc: 20.10 ug/ml



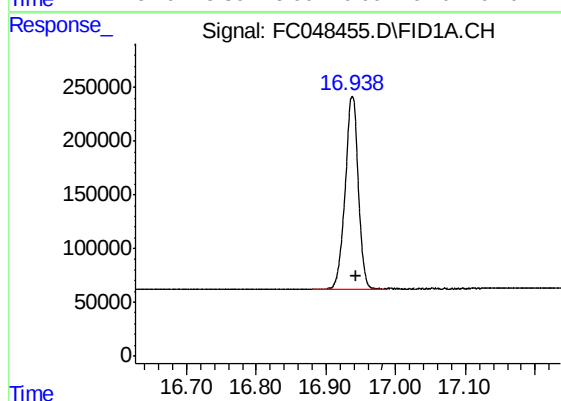
#14 n-Tetracosane (C24)

R.T.: 14.968 min
Delta R.T.: -0.004 min
Response: 2545222
Conc: 19.42 ug/ml



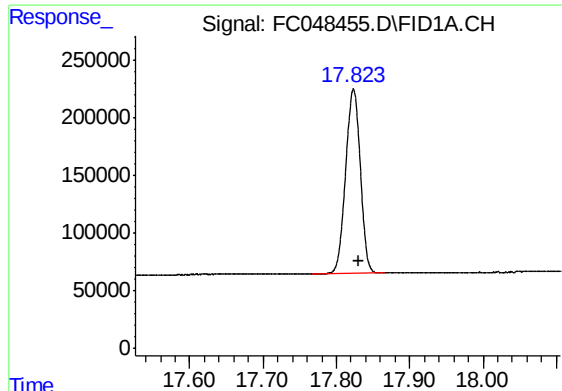
#15 n-Hexacosane (C26)

R.T.: 15.990 min
Delta R.T.: -0.003 min
Response: 2429146
Conc: 18.68 ug/ml



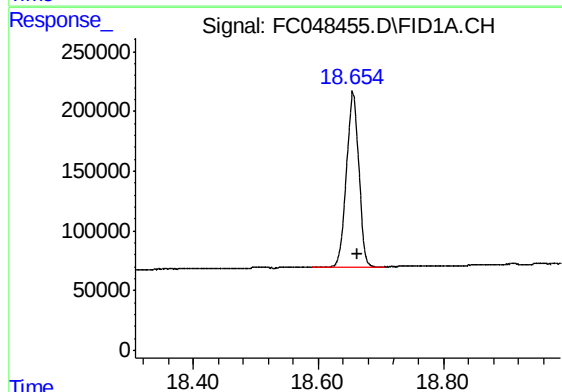
#16 n-Octacosane (C28)

R.T.: 16.938 min
Delta R.T.: -0.006 min
Response: 2347928
Conc: 17.97 ug/ml



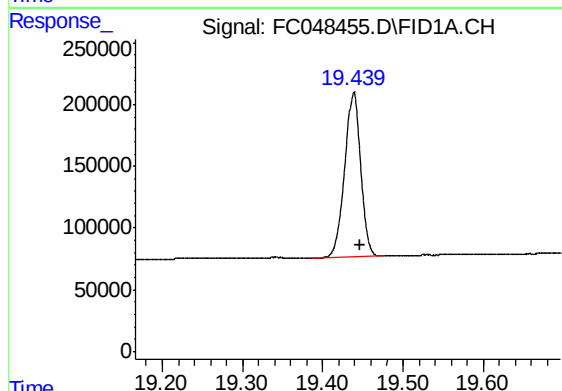
#17 n-Tricontane (C30)

R.T.: 17.823 min
Delta R.T.: -0.008 min
Response: 2239559
Conc: 17.42 ug/ml



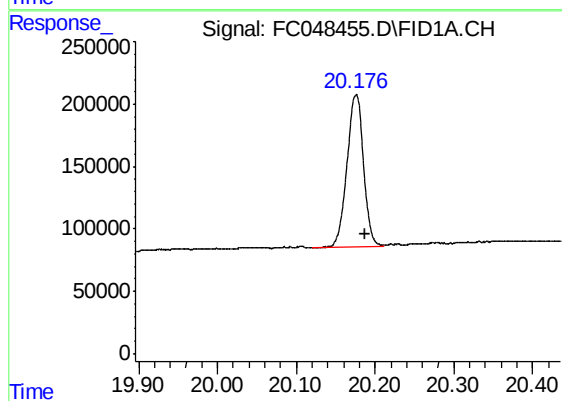
#18 n-Dotriacontane (C32)

R.T.: 18.656 min
Delta R.T.: -0.007 min
Response: 2011736
Conc: 17.03 ug/ml



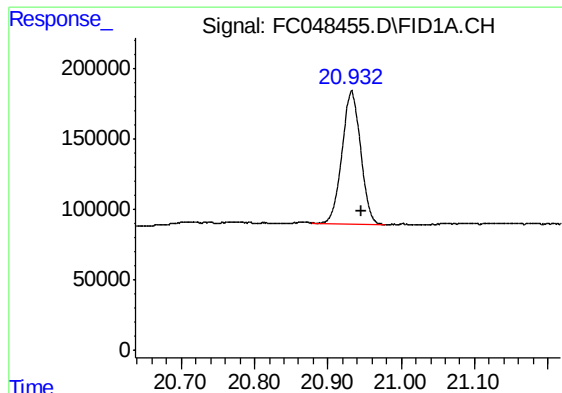
#19 n-Tetatriacontane (C34)

R.T.: 19.439 min
Delta R.T.: -0.008 min
Response: 1852073
Conc: 16.59 ug/ml



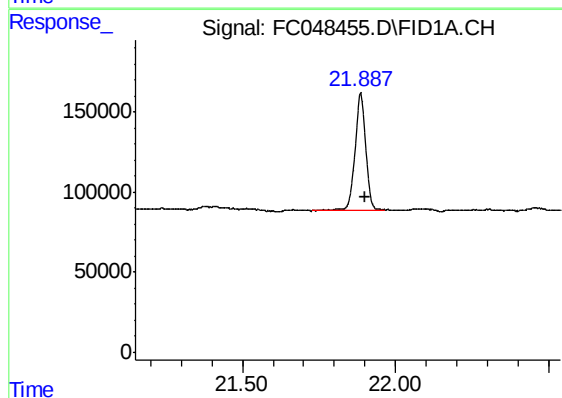
#20 n-Hexatriacontane (C36)

R.T.: 20.176 min
Delta R.T.: -0.011 min
Response: 1776747
Conc: 16.89 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.932 min
Delta R.T.: -0.013 min
Response: 1652419
Conc: 16.83 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.886 min
Delta R.T.: -0.015 min
Response: 1758694
Conc: 18.10 ug/ml