

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101218AL\
 Data File : FC036837.D
 Signal(s) : FID1A.CH
 Acq On : 12 Oct 2018 16:53
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Oct 13 00:50:37 2018
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\FID_C\Method\Aliphatic EPH 092118.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 10 12:23:17 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)	11.369	2451006	20.159 ug/ml
Spiked Amount 50.000		Recovery =	40.32%
12) S 1-chlorooctadecane (S...	12.810	1815854	19.285 ug/ml
Spiked Amount 50.000		Recovery =	38.57%
Target Compounds			
1) T n-Nonane (C9)	3.181	1774793	19.917 ug/ml
2) T n-Decane (C10)	4.245	1823569	20.285 ug/ml
3) T A~Naphthalene (C11.7)	5.814	2176910	21.719 ug/ml
4) T n-Dodecane (C12)	6.256	1897399	20.359 ug/ml
5) T A~2-methylnaphthalene...	6.864	2190479	21.788 ug/ml
6) T n-Tetradecane (C14)	8.040	1977644	20.218 ug/ml
7) T n-Hexadecane (C16)	9.632	2034589	19.797 ug/ml
8) T n-Octadecane (C18)	11.067	2091094	19.255 ug/ml
10) T n-Eicosane (C20)	12.370	2125001	19.210 ug/ml
11) T n-Heneicosane (C21)	12.980	2113869	19.234 ug/ml
13) T n-Docosane (C22)	13.564	2114007	19.361 ug/ml
14) T n-Tetracosane (C24)	14.663	2118632	19.405 ug/ml
15) T n-Hexacosane (C26)	15.680	2128776	19.706 ug/ml
16) T n-Octacosane (C28)	16.627	2165192	19.624 ug/ml
17) T n-Tricontane (C30)	17.512	2214040	19.028 ug/ml
18) T n-Dotriacontane (C32)	18.340	2286643	19.609 ug/ml
19) T n-Tetratriacontane (C34)	19.120	2240865	19.998 ug/ml
20) T n-Hexatriacontane (C36)	19.859	2155511	20.358 ug/ml
21) T n-Octatriacontane (C38)	20.566	2078127	19.660 ug/ml
22) T n-Tetracontane (C40)	21.402	2006116	18.684 ug/ml

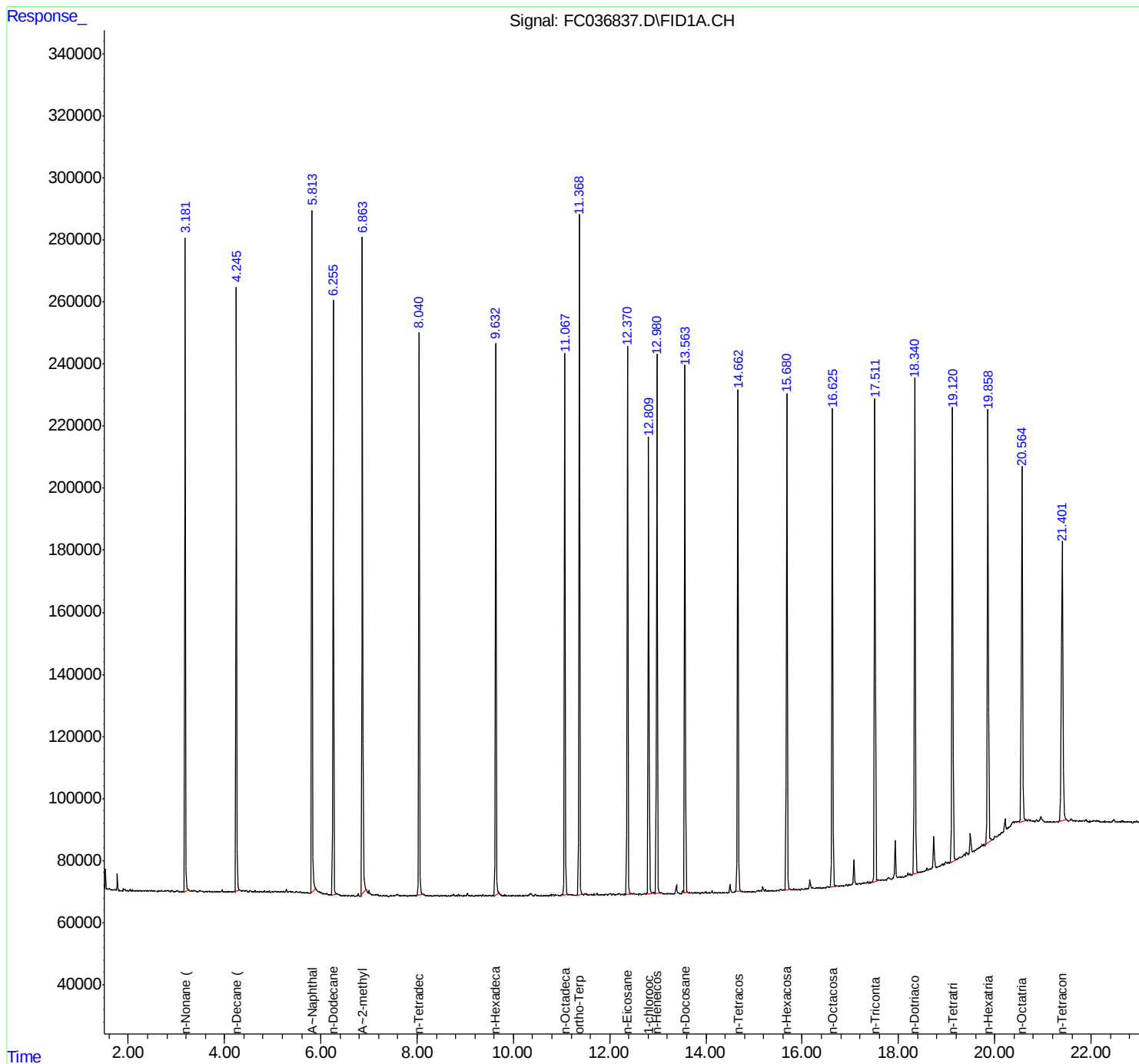
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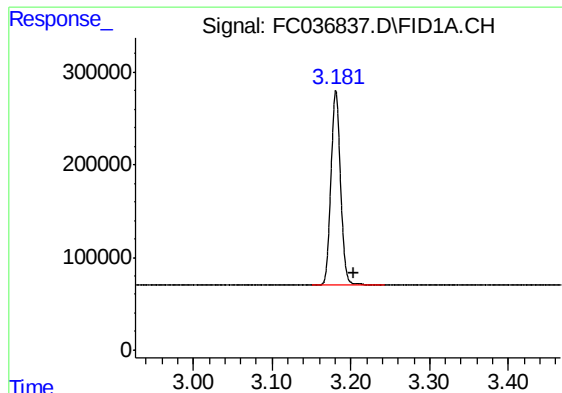
(m)=manual int.

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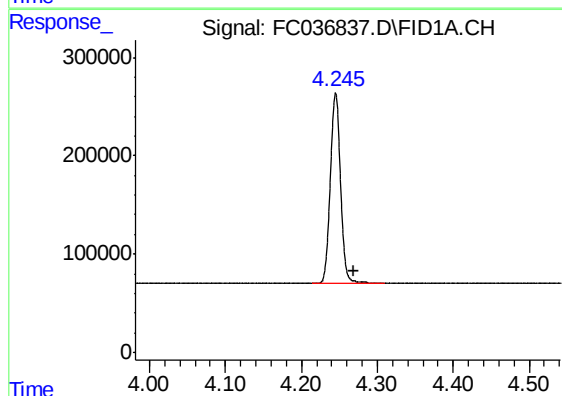
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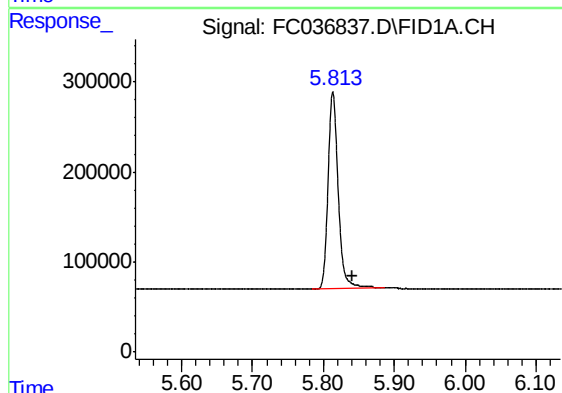
#1 n-Nonane (C9)

R.T.: 3.181 min
Delta R.T.: -0.022 min
Response: 1774793
Conc: 19.92 ug/ml



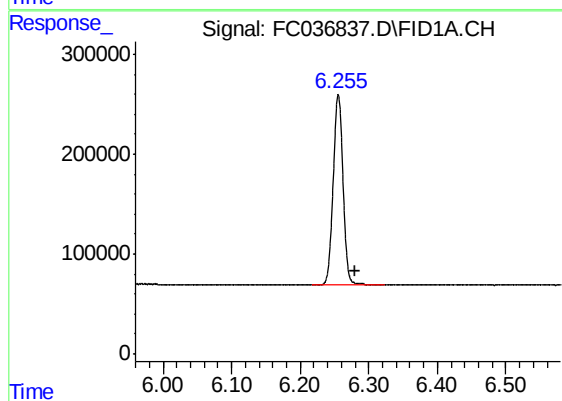
#2 n-Decane (C10)

R.T.: 4.245 min
Delta R.T.: -0.024 min
Response: 1823569
Conc: 20.28 ug/ml



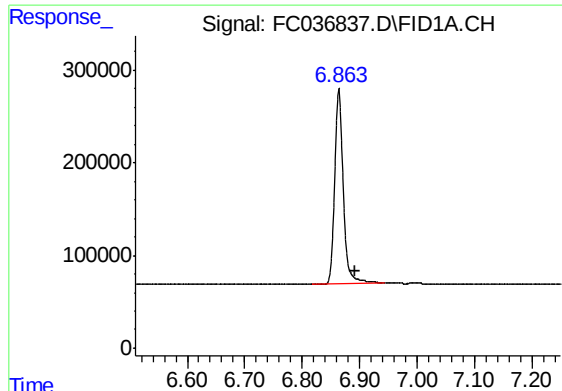
#3 A~Naphthalene (C11.7)

R.T.: 5.814 min
Delta R.T.: -0.028 min
Response: 2176910
Conc: 21.72 ug/ml



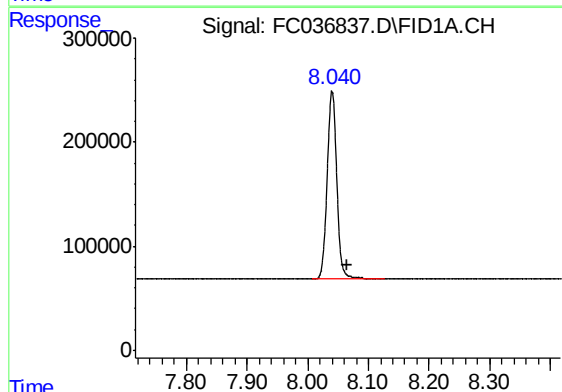
#4 n-Dodecane (C12)

R.T.: 6.256 min
Delta R.T.: -0.024 min
Response: 1897399
Conc: 20.36 ug/ml



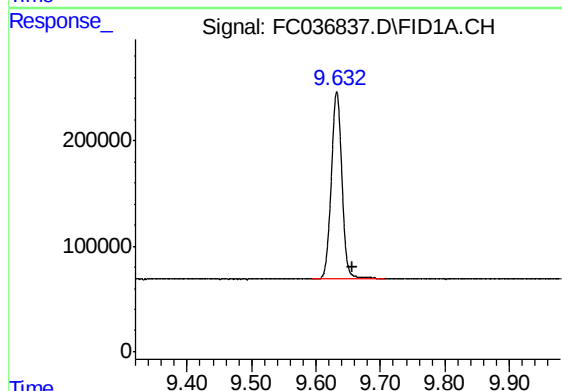
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.864 min
Delta R.T.: -0.027 min
Response: 2190479
Conc: 21.79 ug/ml



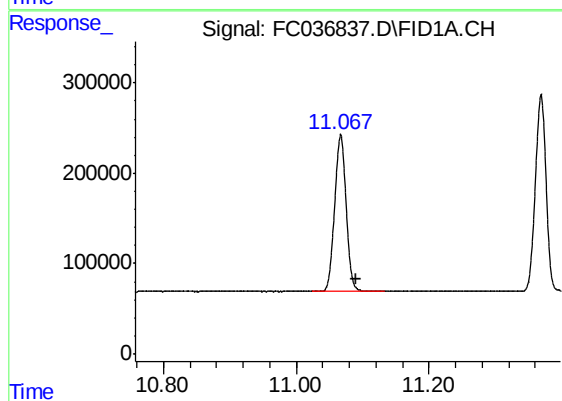
#6 n-Tetradecane (C14)

R.T.: 8.040 min
Delta R.T.: -0.024 min
Response: 1977644
Conc: 20.22 ug/ml



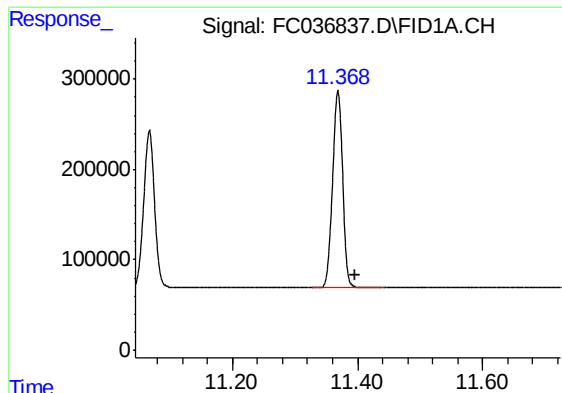
#7 n-Hexadecane (C16)

R.T.: 9.632 min
Delta R.T.: -0.025 min
Response: 2034589
Conc: 19.80 ug/ml



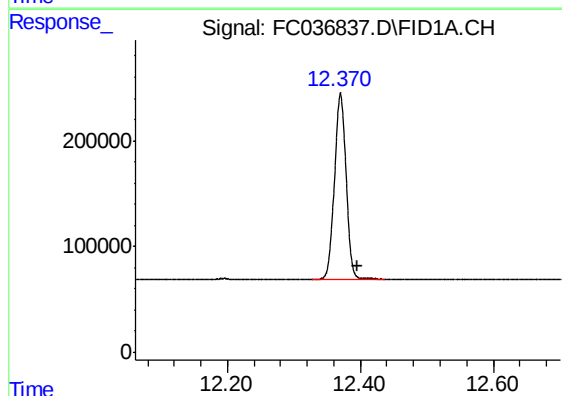
#8 n-Octadecane (C18)

R.T.: 11.067 min
Delta R.T.: -0.024 min
Response: 2091094
Conc: 19.25 ug/ml



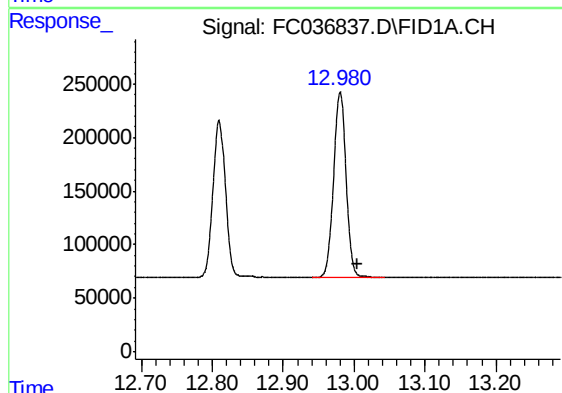
#9 ortho-Terphenyl (SURR)

R.T.: 11.369 min
Delta R.T.: -0.027 min
Response: 2451006
Conc: 20.16 ug/ml



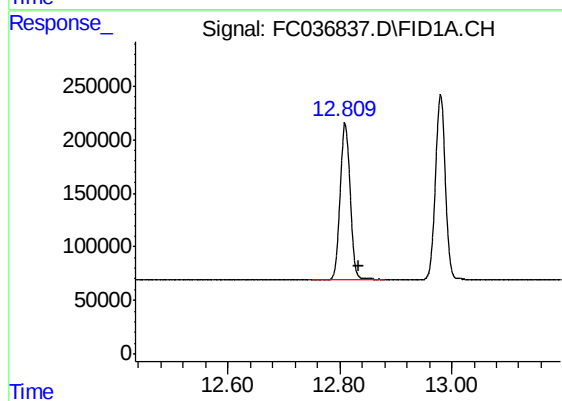
#10 n-Eicosane (C20)

R.T.: 12.370 min
Delta R.T.: -0.026 min
Response: 2125001
Conc: 19.21 ug/ml



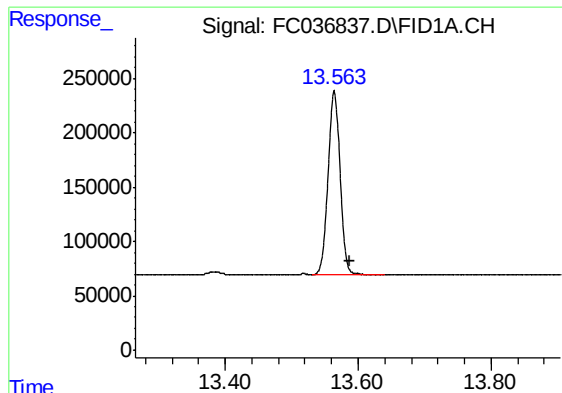
#11 n-Heneicosane (C21)

R.T.: 12.980 min
Delta R.T.: -0.025 min
Response: 2113869
Conc: 19.23 ug/ml



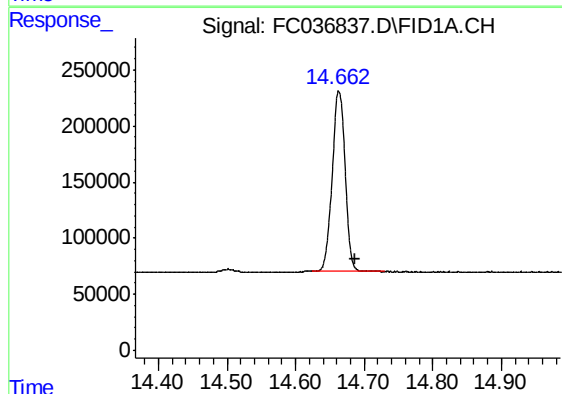
#12 1-chlorooctadecane (SURR)

R.T.: 12.810 min
Delta R.T.: -0.025 min
Response: 1815854
Conc: 19.28 ug/ml



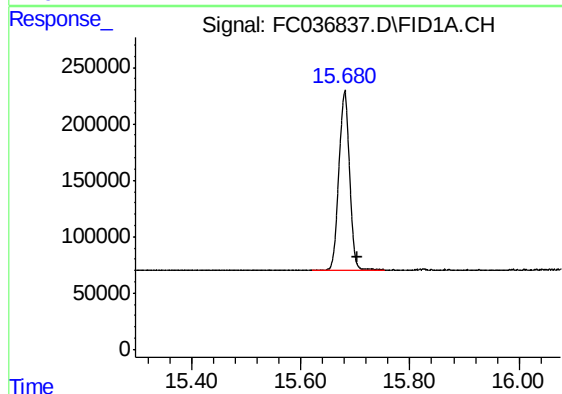
#13 n-Docosane (C22)

R.T.: 13.564 min
Delta R.T.: -0.024 min
Response: 2114007
Conc: 19.36 ug/ml



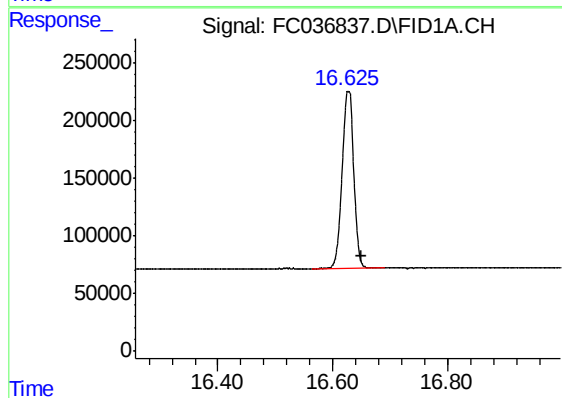
#14 n-Tetracosane (C24)

R.T.: 14.663 min
Delta R.T.: -0.023 min
Response: 2118632
Conc: 19.41 ug/ml



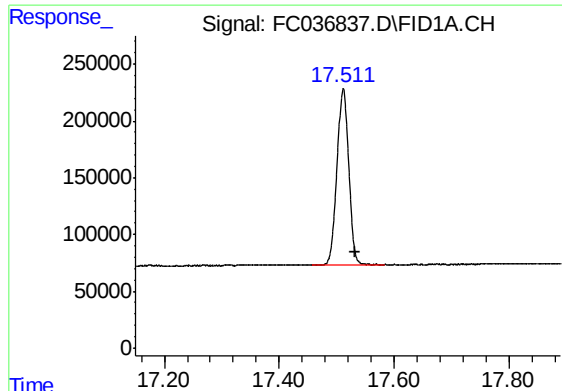
#15 n-Hexacosane (C26)

R.T.: 15.680 min
Delta R.T.: -0.024 min
Response: 2128776
Conc: 19.71 ug/ml



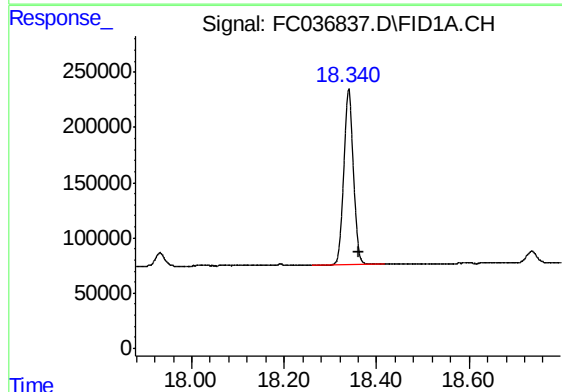
#16 n-Octacosane (C28)

R.T.: 16.627 min
Delta R.T.: -0.022 min
Response: 2165192
Conc: 19.62 ug/ml



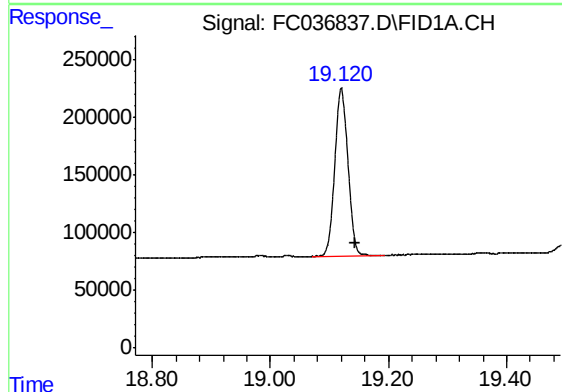
#17 n-Tricontane (C30)

R.T.: 17.512 min
Delta R.T.: -0.021 min
Response: 2214040
Conc: 19.03 ug/ml



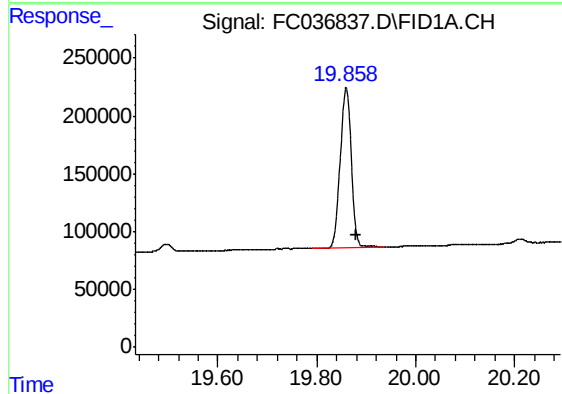
#18 n-Dotriacontane (C32)

R.T.: 18.340 min
Delta R.T.: -0.022 min
Response: 2286643
Conc: 19.61 ug/ml



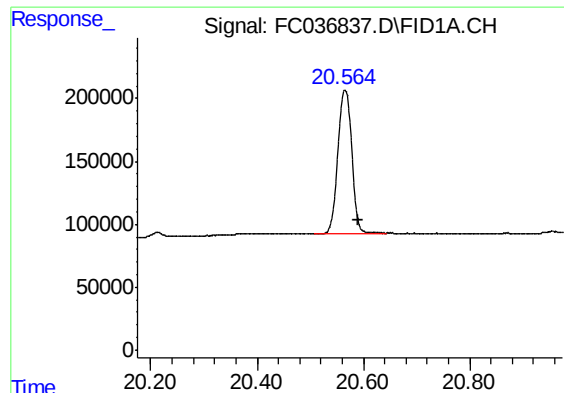
#19 n-Tetratriacontane (C34)

R.T.: 19.120 min
Delta R.T.: -0.024 min
Response: 2240865
Conc: 20.00 ug/ml



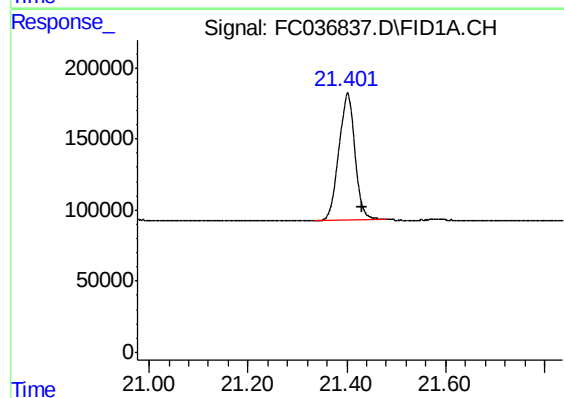
#20 n-Hexatriacontane (C36)

R.T.: 19.859 min
Delta R.T.: -0.021 min
Response: 2155511
Conc: 20.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.566 min
Delta R.T.: -0.025 min
Response: 2078127
Conc: 19.66 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.402 min
Delta R.T.: -0.029 min
Response: 2006116
Conc: 18.68 ug/ml