

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102219AL\
 Data File : FC044146.D
 Signal(s) : FID1A.CH
 Acq On : 23 Oct 2019 5:28
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Oct 23 06:35:06 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102219.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 12:36:58 2019
 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)	11.719	2736005	18.770 ug/ml
Spiked Amount 50.000		Recovery =	37.54%
12) S 1-chlorooctadecane (S...	13.154	2072885	18.539 ug/ml
Spiked Amount 50.000		Recovery =	37.08%
Target Compounds			
1) T n-Nonane (C9)	3.437	2176450	19.758 ug/ml
2) T n-Decane (C10)	4.514	2197011	19.780 ug/ml
3) T A~Naphthalene (C11.7)	6.114	2455277	19.734 ug/ml
4) T n-Dodecane (C12)	6.543	2216775	19.711 ug/ml
5) T A~2-methylnaphthalene...	7.175	2473646	19.616 ug/ml
6) T n-Tetradecane (C14)	8.343	2210211	19.536 ug/ml
7) T n-Hexadecane (C16)	9.948	2193609	19.198 ug/ml
8) T n-Octadecane (C18)	11.393	2160443	18.870 ug/ml
10) T n-Eicosane (C20)	12.705	2108525	18.488 ug/ml
11) T n-Heneicosane (C21)	13.320	2098136	18.292 ug/ml
13) T n-Docosane (C22)	13.906	2056856	18.113 ug/ml
14) T n-Tetracosane (C24)	15.013	1999316	17.680 ug/ml
15) T n-Hexacosane (C26)	16.035	1920822	17.361 ug/ml
16) T n-Octacosane (C28)	16.987	1860373	17.174 ug/ml
17) T n-Tricontane (C30)	17.876	1811760	17.119 ug/ml
18) T n-Dotriacontane (C32)	18.712	1728236	17.160 ug/ml
19) T n-Tetratriacontane (C34)	19.498	1674066	17.854 ug/ml
20) T n-Hexatriacontane (C36)	20.239	1620806	18.671 ug/ml
21) T n-Octatriacontane (C38)	21.013	1537608	19.068 ug/ml
22) T n-Tetracontane (C40)	21.986	1602299	18.956 ug/ml

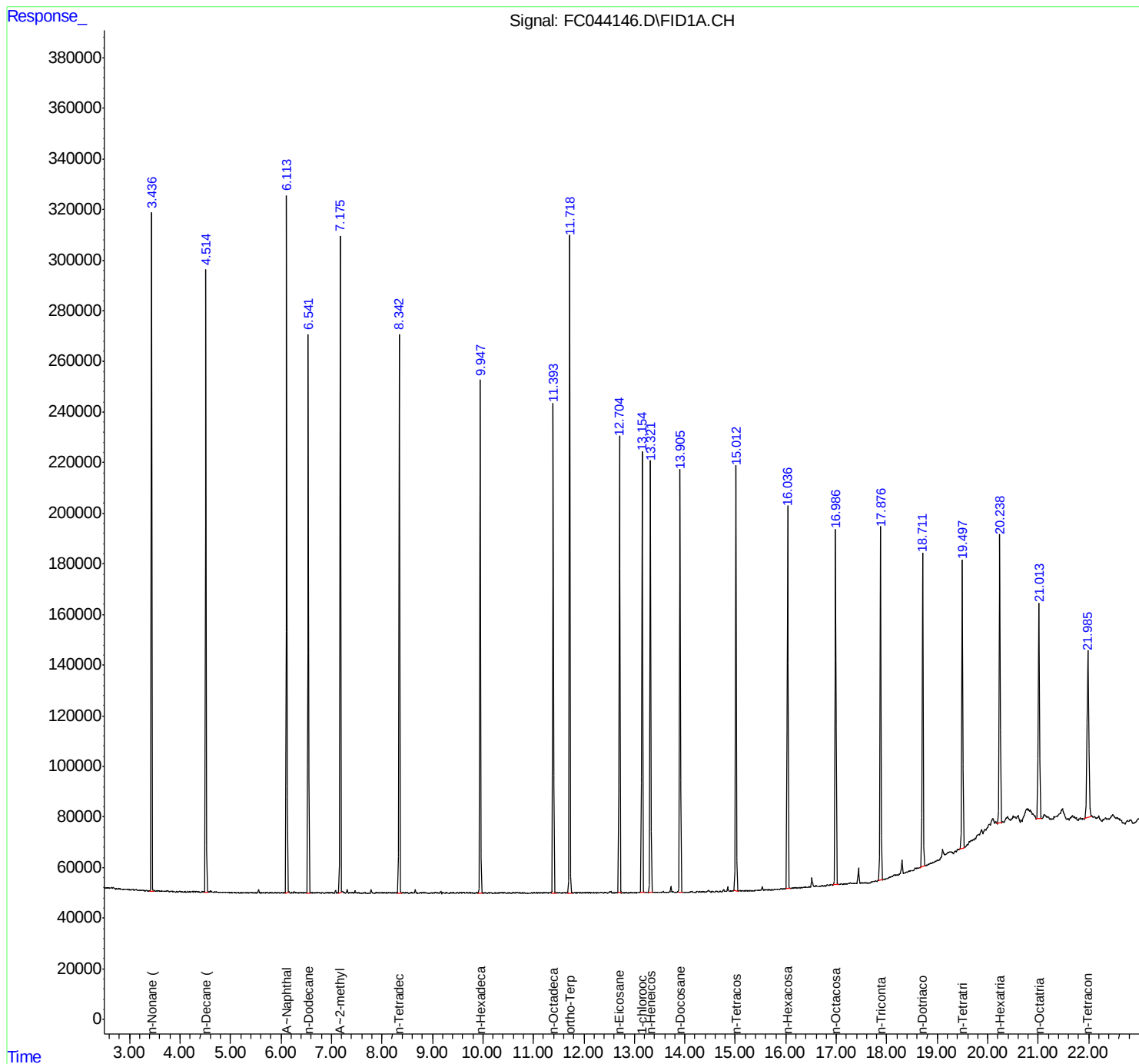
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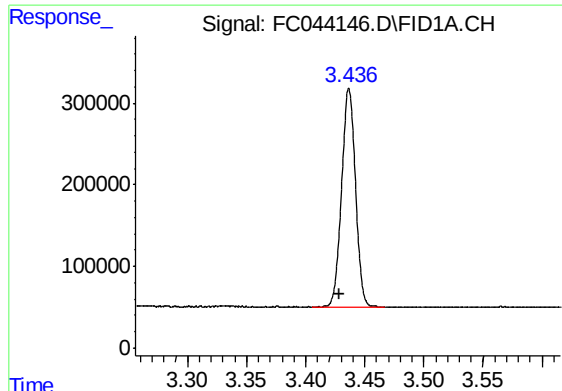
(m)=manual int.

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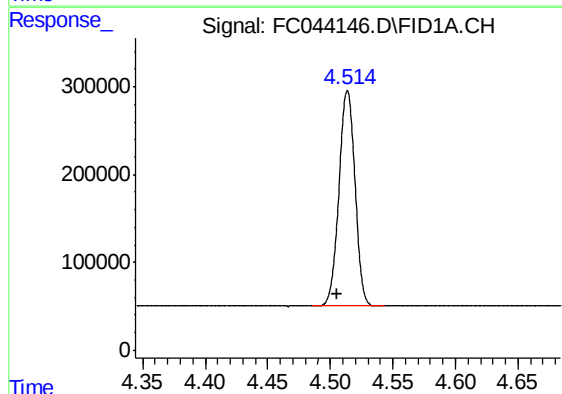
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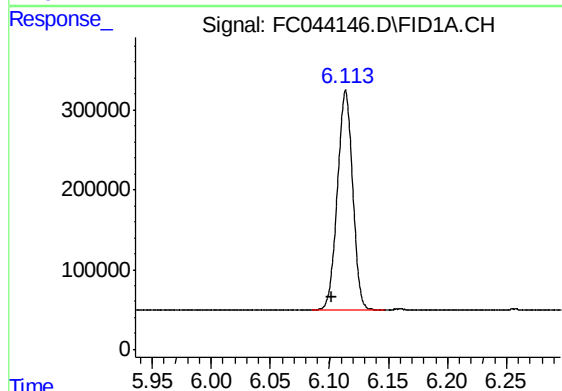
#1 n-Nonane (C9)

R.T.: 3.437 min
Delta R.T.: 0.008 min
Response: 2176450
Conc: 19.76 ug/ml



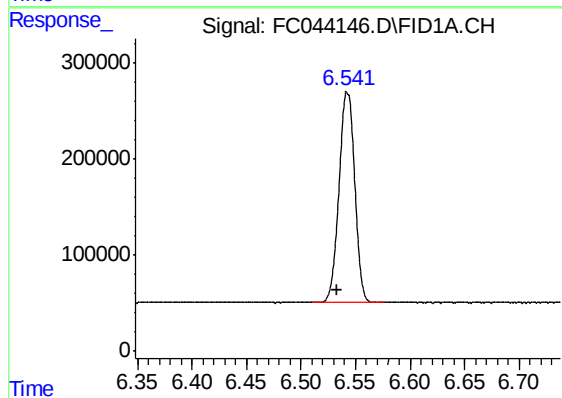
#2 n-Decane (C10)

R.T.: 4.514 min
Delta R.T.: 0.008 min
Response: 2197011
Conc: 19.78 ug/ml



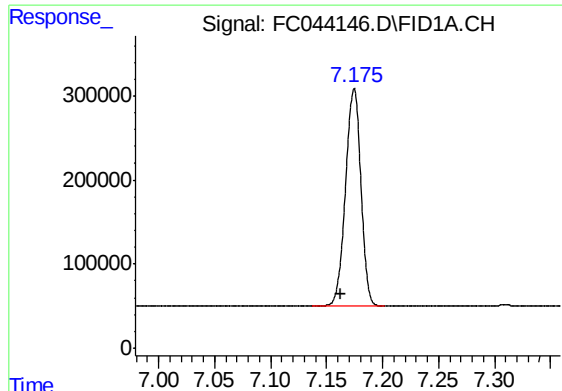
#3 A~Naphthalene (C11.7)

R.T.: 6.114 min
Delta R.T.: 0.011 min
Response: 2455277
Conc: 19.73 ug/ml



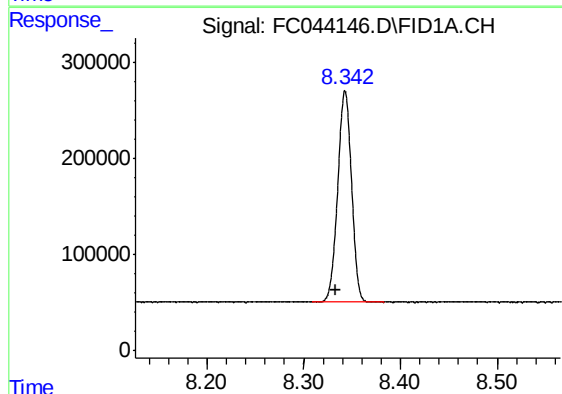
#4 n-Dodecane (C12)

R.T.: 6.543 min
Delta R.T.: 0.009 min
Response: 2216775
Conc: 19.71 ug/ml



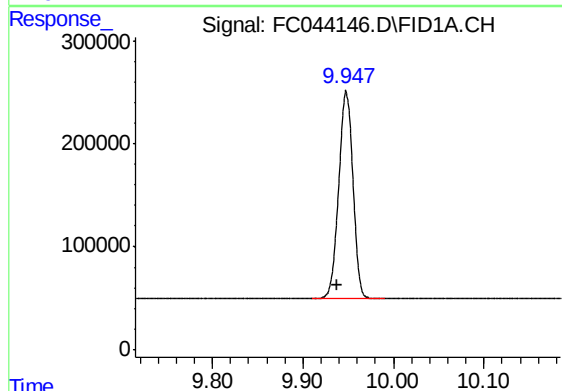
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.175 min
Delta R.T.: 0.012 min
Response: 2473646
Conc: 19.62 ug/ml



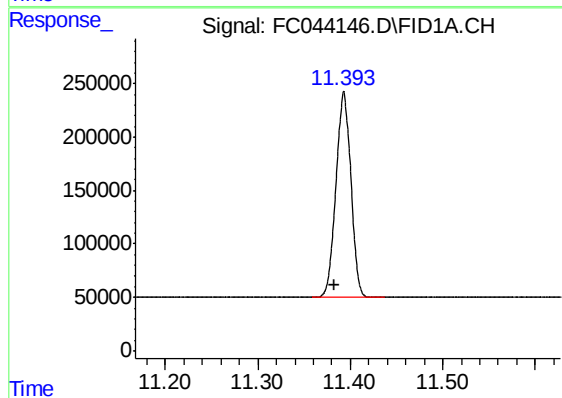
#6 n-Tetradecane (C14)

R.T.: 8.343 min
Delta R.T.: 0.010 min
Response: 2210211
Conc: 19.54 ug/ml



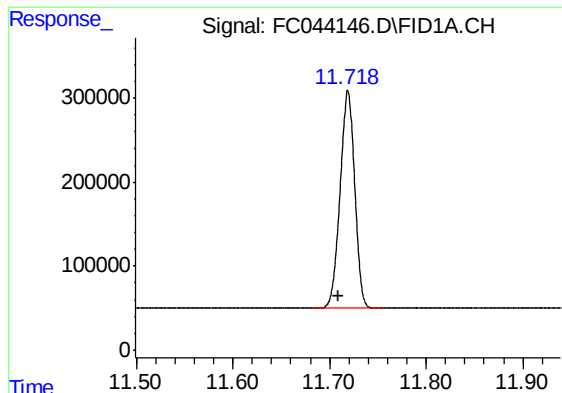
#7 n-Hexadecane (C16)

R.T.: 9.948 min
Delta R.T.: 0.010 min
Response: 2193609
Conc: 19.20 ug/ml



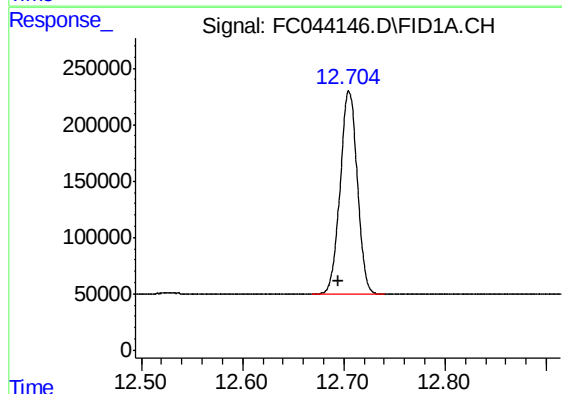
#8 n-Octadecane (C18)

R.T.: 11.393 min
Delta R.T.: 0.010 min
Response: 2160443
Conc: 18.87 ug/ml



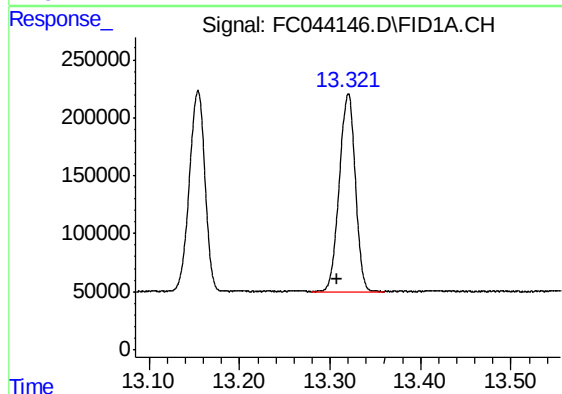
#9 ortho-Terphenyl (SURR)

R.T.: 11.719 min
Delta R.T.: 0.010 min
Response: 2736005
Conc: 18.77 ug/ml



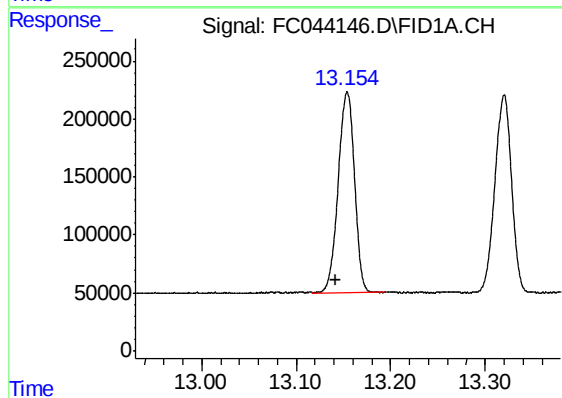
#10 n-Eicosane (C20)

R.T.: 12.705 min
Delta R.T.: 0.011 min
Response: 2108525
Conc: 18.49 ug/ml



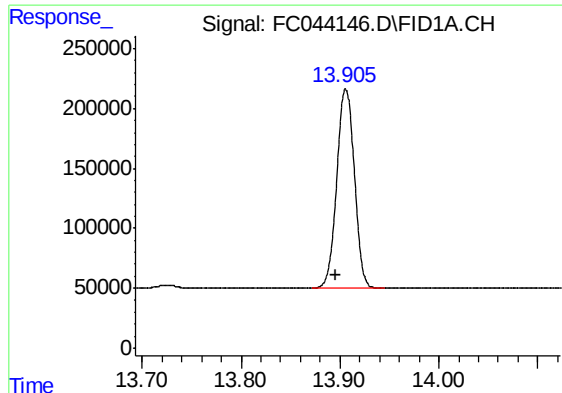
#11 n-Heneicosane (C21)

R.T.: 13.320 min
Delta R.T.: 0.012 min
Response: 2098136
Conc: 18.29 ug/ml



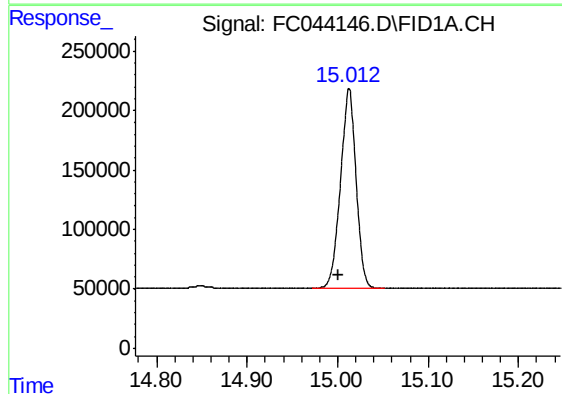
#12 1-chlorooctadecane (SURR)

R.T.: 13.154 min
Delta R.T.: 0.012 min
Response: 2072885
Conc: 18.54 ug/ml



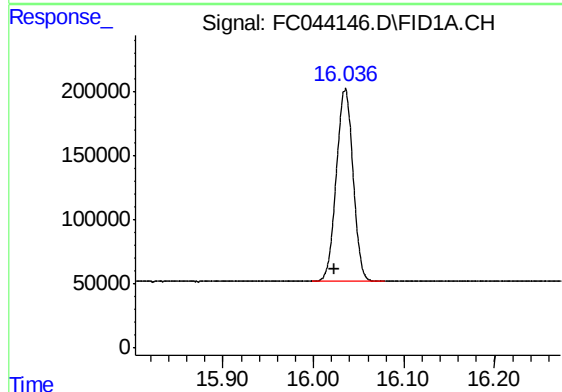
#13 n-Docosane (C22)

R.T.: 13.906 min
Delta R.T.: 0.011 min
Response: 2056856
Conc: 18.11 ug/ml



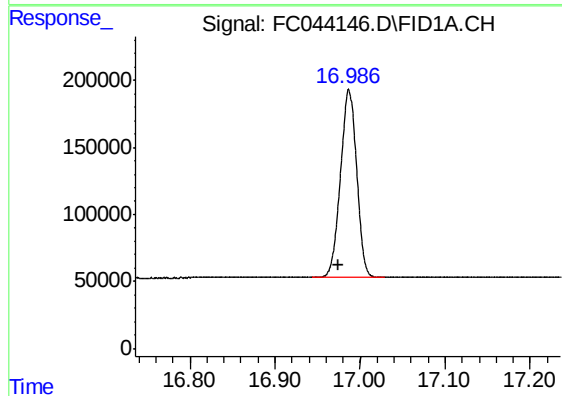
#14 n-Tetracosane (C24)

R.T.: 15.013 min
Delta R.T.: 0.012 min
Response: 1999316
Conc: 17.68 ug/ml



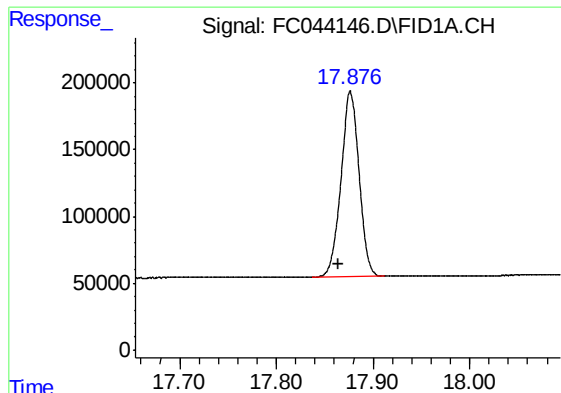
#15 n-Hexacosane (C26)

R.T.: 16.035 min
Delta R.T.: 0.012 min
Response: 1920822
Conc: 17.36 ug/ml



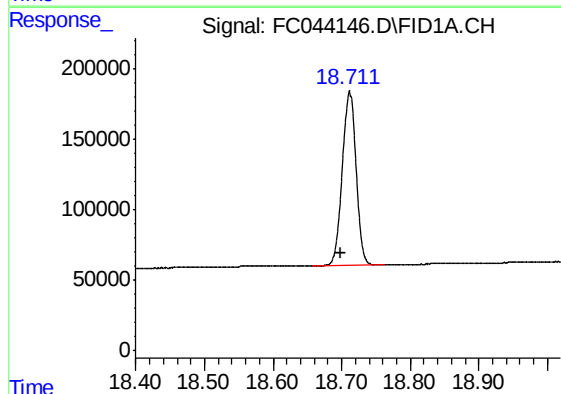
#16 n-Octacosane (C28)

R.T.: 16.987 min
Delta R.T.: 0.012 min
Response: 1860373
Conc: 17.17 ug/ml



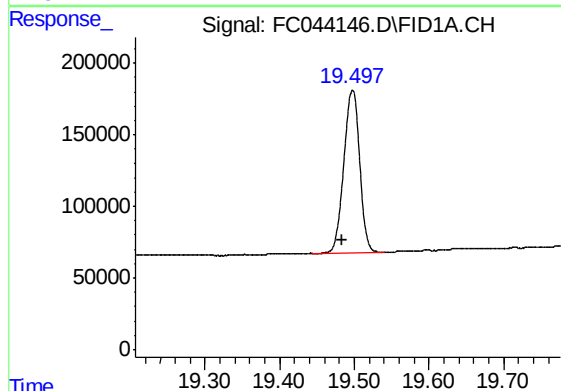
#17 n-Tricontane (C30)

R.T.: 17.876 min
Delta R.T.: 0.012 min
Response: 1811760
Conc: 17.12 ug/ml



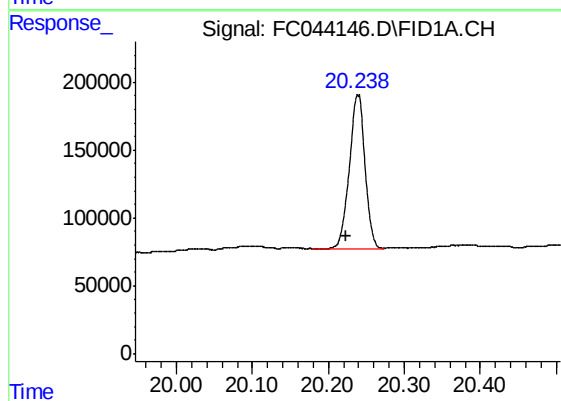
#18 n-Dotriacontane (C32)

R.T.: 18.712 min
Delta R.T.: 0.013 min
Response: 1728236
Conc: 17.16 ug/ml



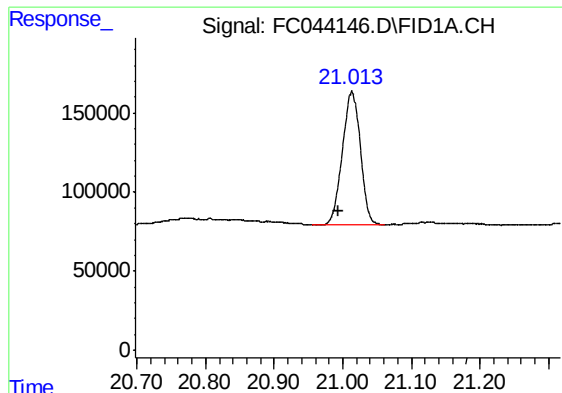
#19 n-Tetatriacontane (C34)

R.T.: 19.498 min
Delta R.T.: 0.014 min
Response: 1674066
Conc: 17.85 ug/ml



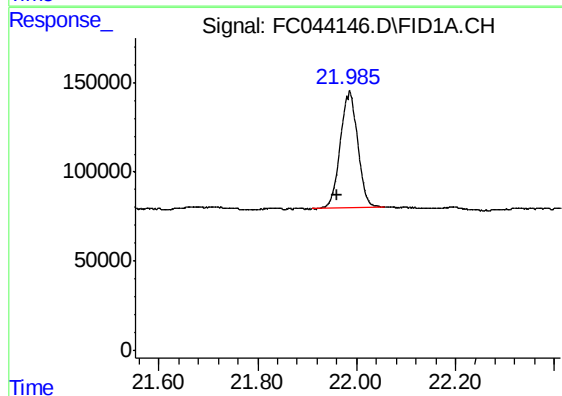
#20 n-Hexatriacontane (C36)

R.T.: 20.239 min
Delta R.T.: 0.016 min
Response: 1620806
Conc: 18.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.013 min
Delta R.T.: 0.019 min
Response: 1537608
Conc: 19.07 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.986 min
Delta R.T.: 0.025 min
Response: 1602299
Conc: 18.96 ug/ml