

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102319AL\
 Data File : FC044149.D
 Signal(s) : FID1A.CH
 Acq On : 23 Oct 2019 8:47
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 24 00:56:00 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	2713059	18.613 ug/ml
Spiked Amount 50.000		Recovery =	37.23%
12) S 1-chlorooctadecane (S...	13.151	2054922	18.378 ug/ml
Spiked Amount 50.000		Recovery =	36.76%
Target Compounds			
1) T n-Nonane (C9)	3.436	2133026	19.364 ug/ml
2) T n-Decane (C10)	4.513	2154009	19.393 ug/ml
3) T A~Naphthalene (C11.7)	6.113	2410780	19.376 ug/ml
4) T n-Dodecane (C12)	6.542	2173558	19.327 ug/ml
5) T A~2-methylnaphthalene...	7.173	2434594	19.306 ug/ml
6) T n-Tetradecane (C14)	8.342	2167414	19.158 ug/ml
7) T n-Hexadecane (C16)	9.948	2157916	18.886 ug/ml
8) T n-Octadecane (C18)	11.392	2135105	18.648 ug/ml
10) T n-Eicosane (C20)	12.704	2088932	18.316 ug/ml
11) T n-Heneicosane (C21)	13.318	2078601	18.122 ug/ml
13) T n-Docosane (C22)	13.904	2036055	17.930 ug/ml
14) T n-Tetracosane (C24)	15.010	1987236	17.573 ug/ml
15) T n-Hexacosane (C26)	16.032	1914567	17.304 ug/ml
16) T n-Octacosane (C28)	16.985	1854549	17.120 ug/ml
17) T n-Tricontane (C30)	17.875	1809020	17.093 ug/ml
18) T n-Dotriacontane (C32)	18.711	1719134	17.070 ug/ml
19) T n-Tetratriacontane (C34)	19.496	1655326	17.654 ug/ml
20) T n-Hexatriacontane (C36)	20.236	1623235	18.699 ug/ml
21) T n-Octatriacontane (C38)	21.008	1561821	19.368 ug/ml
22) T n-Tetracontane (C40)	21.983	1684049	19.923 ug/ml

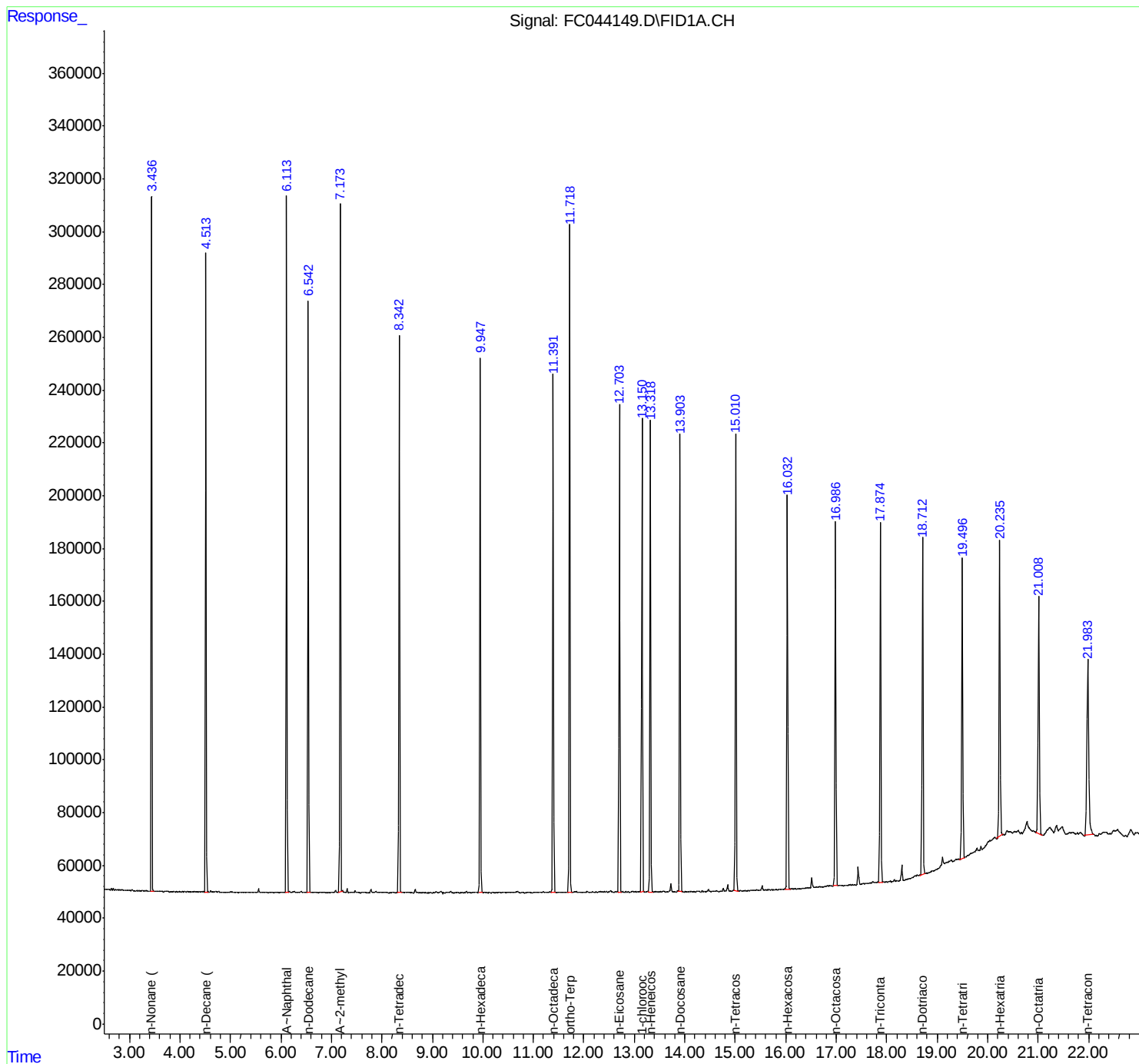
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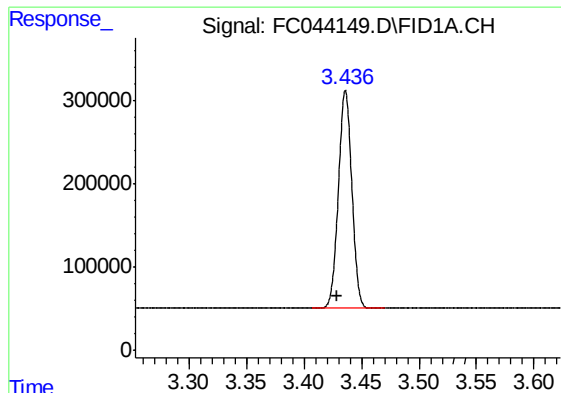
(m)=manual int.

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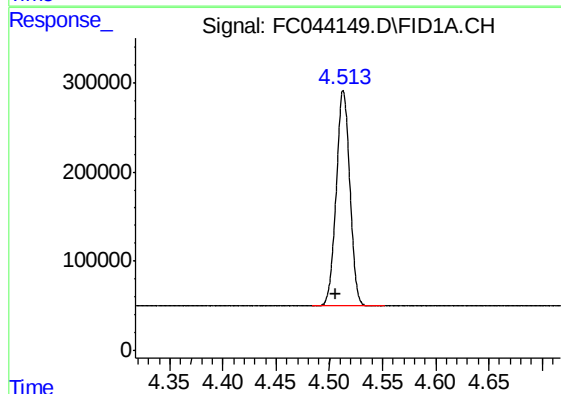
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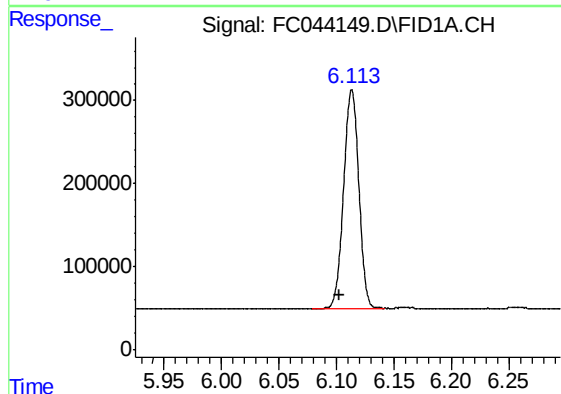
#1 n-Nonane (C9)

R.T.: 3.436 min
Delta R.T.: 0.007 min
Response: 2133026
Conc: 19.36 ug/ml



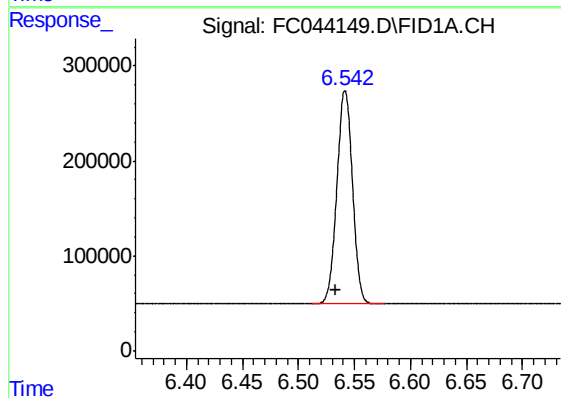
#2 n-Decane (C10)

R.T.: 4.513 min
Delta R.T.: 0.008 min
Response: 2154009
Conc: 19.39 ug/ml



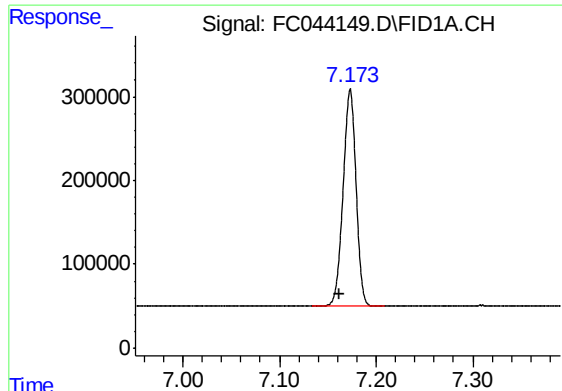
#3 A~Naphthalene (C11.7)

R.T.: 6.113 min
Delta R.T.: 0.011 min
Response: 2410780
Conc: 19.38 ug/ml



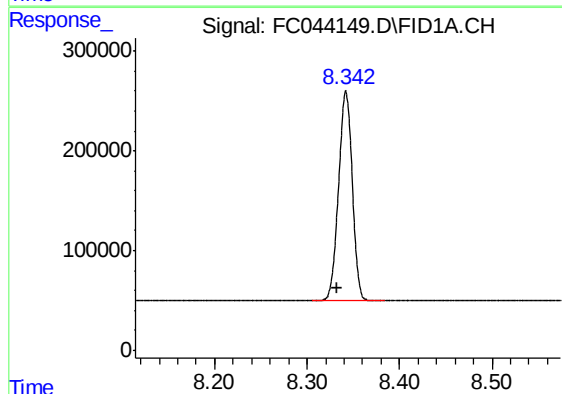
#4 n-Dodecane (C12)

R.T.: 6.542 min
Delta R.T.: 0.008 min
Response: 2173558
Conc: 19.33 ug/ml



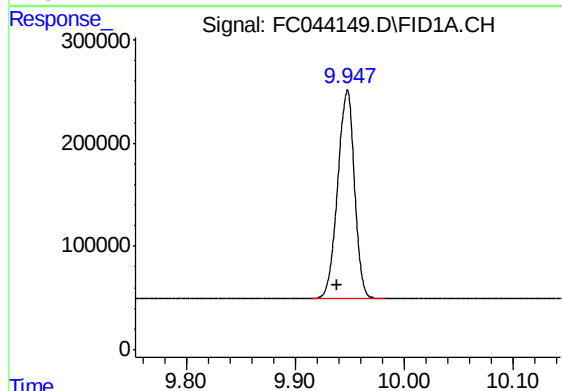
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.173 min
Delta R.T.: 0.011 min
Response: 2434594
Conc: 19.31 ug/ml



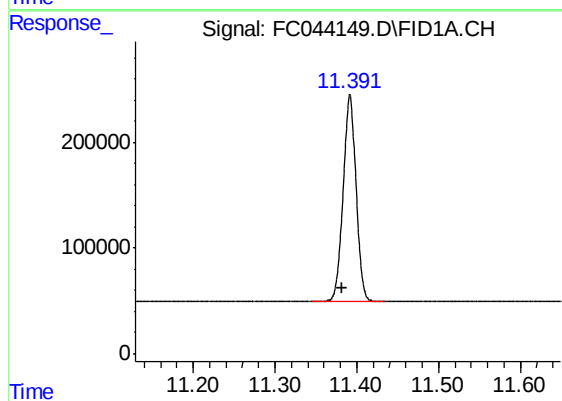
#6 n-Tetradecane (C14)

R.T.: 8.342 min
Delta R.T.: 0.009 min
Response: 2167414
Conc: 19.16 ug/ml



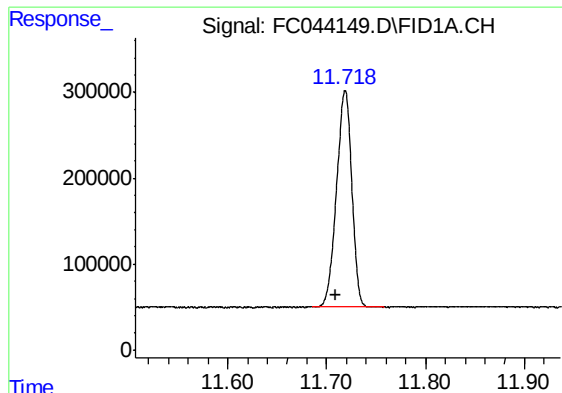
#7 n-Hexadecane (C16)

R.T.: 9.948 min
Delta R.T.: 0.009 min
Response: 2157916
Conc: 18.89 ug/ml



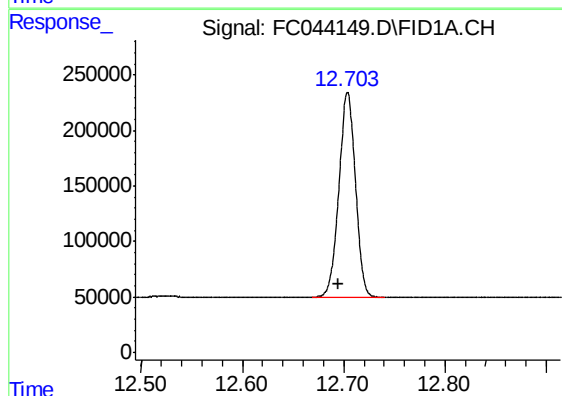
#8 n-Octadecane (C18)

R.T.: 11.392 min
Delta R.T.: 0.009 min
Response: 2135105
Conc: 18.65 ug/ml



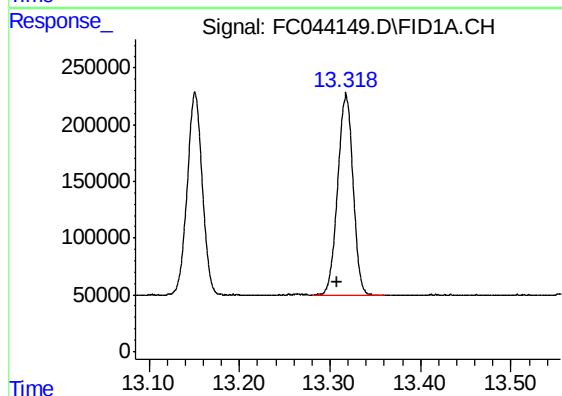
#9 ortho-Terphenyl (SURR)

R.T.: 11.719 min
Delta R.T.: 0.010 min
Response: 2713059
Conc: 18.61 ug/ml



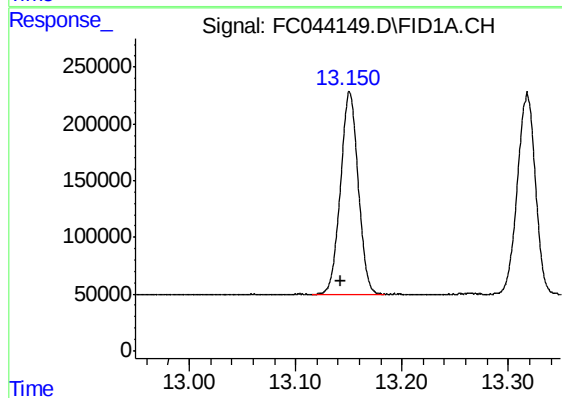
#10 n-Eicosane (C20)

R.T.: 12.704 min
Delta R.T.: 0.009 min
Response: 2088932
Conc: 18.32 ug/ml



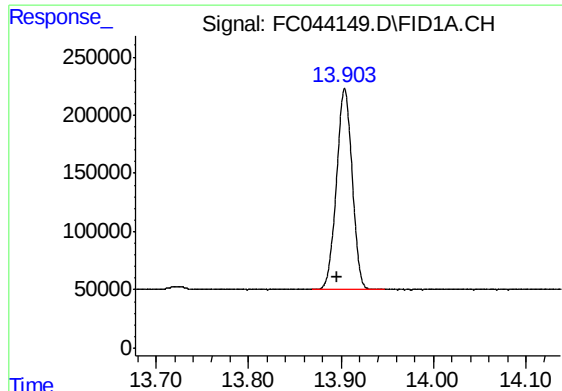
#11 n-Heneicosane (C21)

R.T.: 13.318 min
Delta R.T.: 0.010 min
Response: 2078601
Conc: 18.12 ug/ml



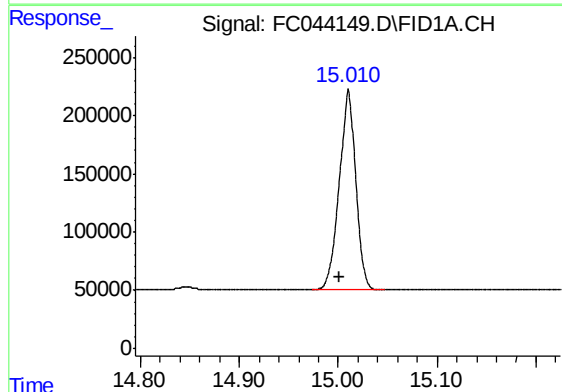
#12 1-chlorooctadecane (SURR)

R.T.: 13.151 min
Delta R.T.: 0.009 min
Response: 2054922
Conc: 18.38 ug/ml



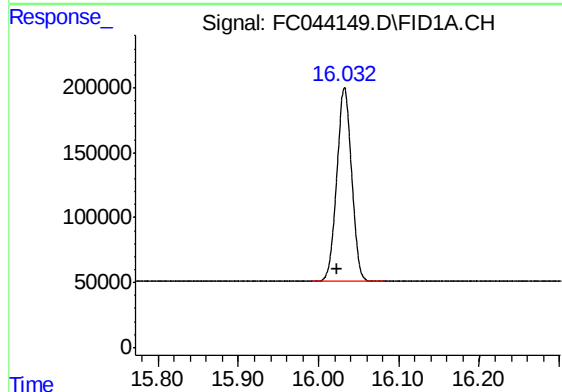
#13 n-Docosane (C22)

R.T.: 13.904 min
Delta R.T.: 0.009 min
Response: 2036055
Conc: 17.93 ug/ml



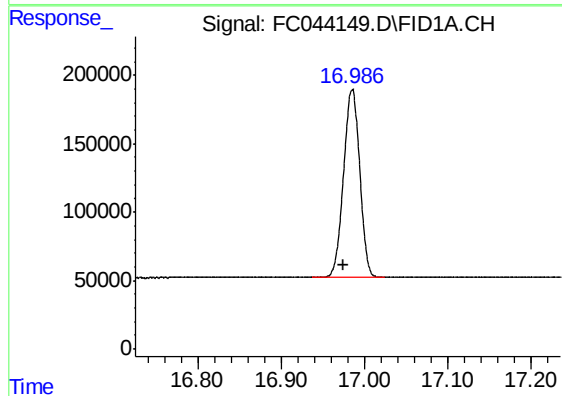
#14 n-Tetracosane (C24)

R.T.: 15.010 min
Delta R.T.: 0.010 min
Response: 1987236
Conc: 17.57 ug/ml



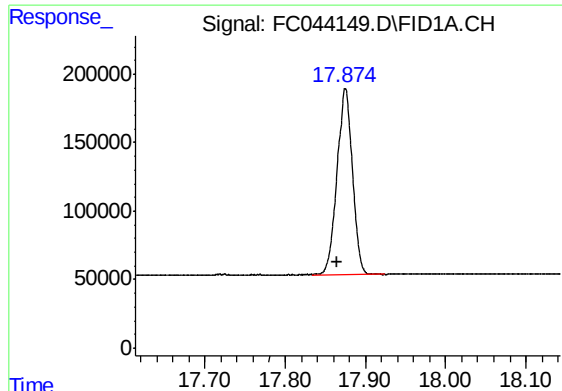
#15 n-Hexacosane (C26)

R.T.: 16.032 min
Delta R.T.: 0.009 min
Response: 1914567
Conc: 17.30 ug/ml



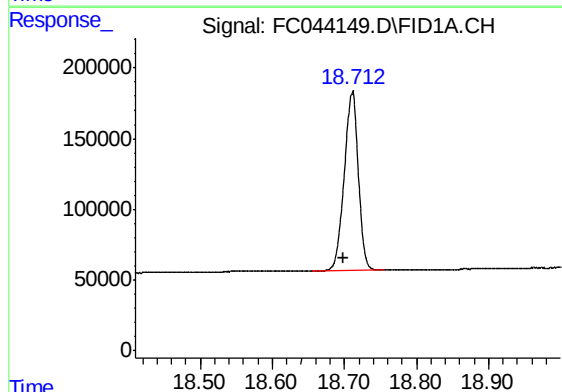
#16 n-Octacosane (C28)

R.T.: 16.985 min
Delta R.T.: 0.010 min
Response: 1854549
Conc: 17.12 ug/ml



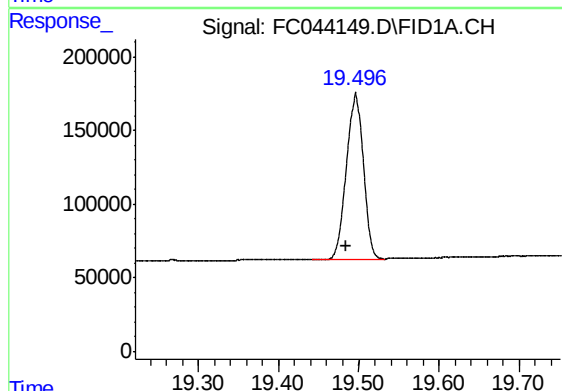
#17 n-Tricontane (C30)

R.T.: 17.875 min
Delta R.T.: 0.011 min
Response: 1809020
Conc: 17.09 ug/ml



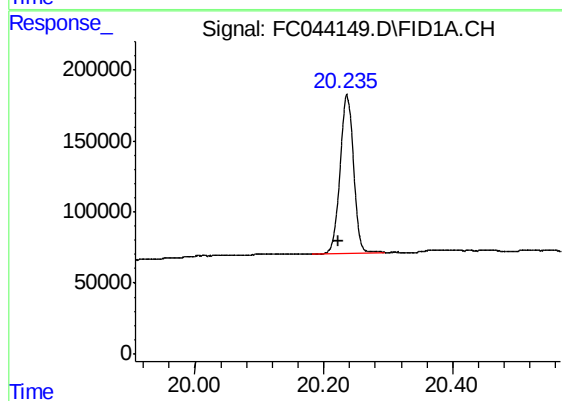
#18 n-Dotriacontane (C32)

R.T.: 18.711 min
Delta R.T.: 0.013 min
Response: 1719134
Conc: 17.07 ug/ml



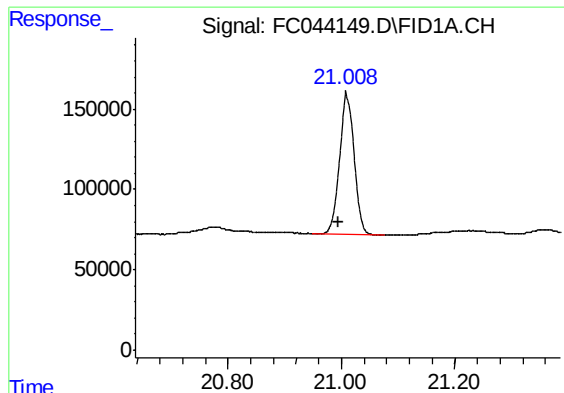
#19 n-Tetatriacontane (C34)

R.T.: 19.496 min
Delta R.T.: 0.013 min
Response: 1655326
Conc: 17.65 ug/ml



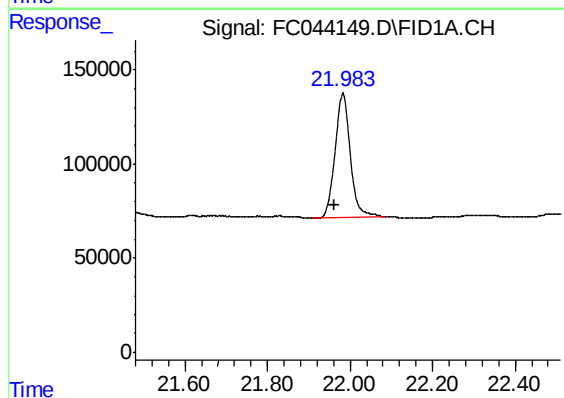
#20 n-Hexatriacontane (C36)

R.T.: 20.236 min
Delta R.T.: 0.012 min
Response: 1623235
Conc: 18.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.008 min
Delta R.T.: 0.014 min
Response: 1561821
Conc: 19.37 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.983 min
Delta R.T.: 0.022 min
Response: 1684049
Conc: 19.92 ug/ml