

Data Path : P:\HPCHEM1\FID C\Data\FC050718AL\
 Data File : FC033808.D
 Signal(s) : FID1A.CH
 Acq On : 08 May 2018 10:47
 Operator : UA/AJ
 Sample : 20 PPM ALIPHATIC HC TSD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 08 16:17:59 2018
 Quant Method : P:\HPCHEM1\FID_C\Method\Aliphatic EPH 042418.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 24 20:41:39 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)	11.446	2441796	15.724 ug/ml
Spiked Amount 50.000		Recovery =	31.45%
12) S 1-chlorooctadecane (S...	12.880	1879971	16.008 ug/ml
Spiked Amount 50.000		Recovery =	32.02%
Target Compounds			
1) T n-Nonane (C9)	3.255	2272001	16.643 ug/ml
2) T n-Decane (C10)	4.321	2314069	16.654 ug/ml
3) T A-Naphthalene (C11.7)	5.894	2580791	16.634 ug/ml
4) T n-Dodecane (C12)	6.331	2381249	16.576 ug/ml
5) T A-2-methylnaphthalene...	6.944	2580678	16.463 ug/ml
6) T n-Tetradecane (C14)	8.114	2435624	16.289 ug/ml
7) T n-Hexadecane (C16)	9.705	2415158	16.025 ug/ml
8) T n-Octadecane (C18)	11.138	2330173	15.767 ug/ml
10) T n-Eicosane (C20)	12.441	2318180	15.779 ug/ml
11) T n-Heneicosane (C21)	13.049	2285490	15.851 ug/ml
13) T n-Docosane (C22)	13.632	2271828	15.939 ug/ml
14) T n-Tetracosane (C24)	14.730	2226597	16.226 ug/ml
15) T n-Hexacosane (C26)	15.746	2186793	16.720 ug/ml
16) T n-Octacosane (C28)	16.691	2198718	17.223 ug/ml
17) T n-Tricontane (C30)	17.575	2130679	17.685 ug/ml
18) T n-Dotriacontane (C32)	18.404	2083583	17.900 ug/ml
19) T n-Tetratriacontane (C34)	19.184	1989433	18.408 ug/ml
20) T n-Hexatriacontane (C36)	19.921	1873938	18.719 ug/ml
21) T n-Octatriacontane (C38)	20.635	1897650	19.824 ug/ml
22) T n-Tetracontane (C40)	21.489	1739272	19.379 ug/ml

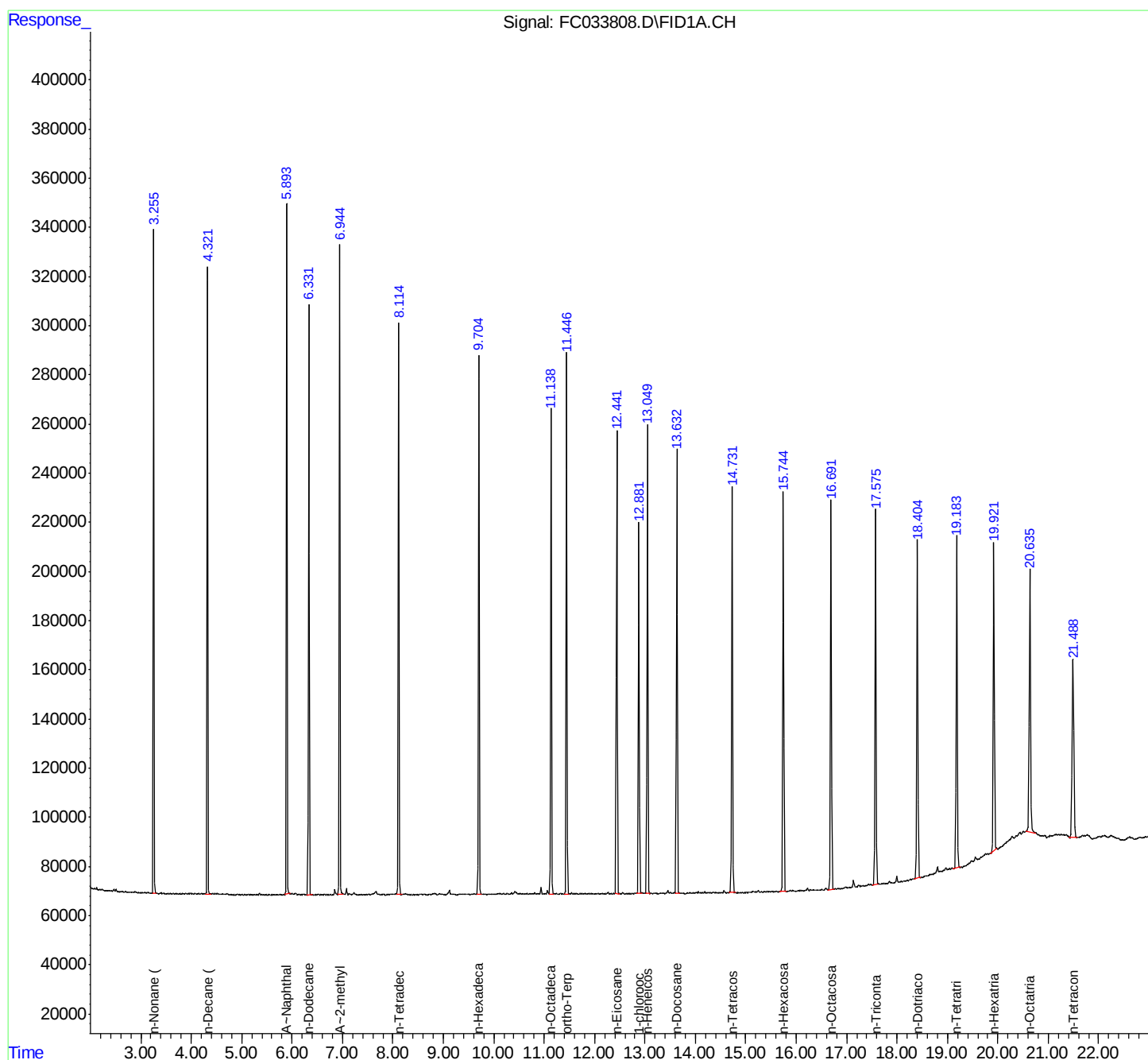
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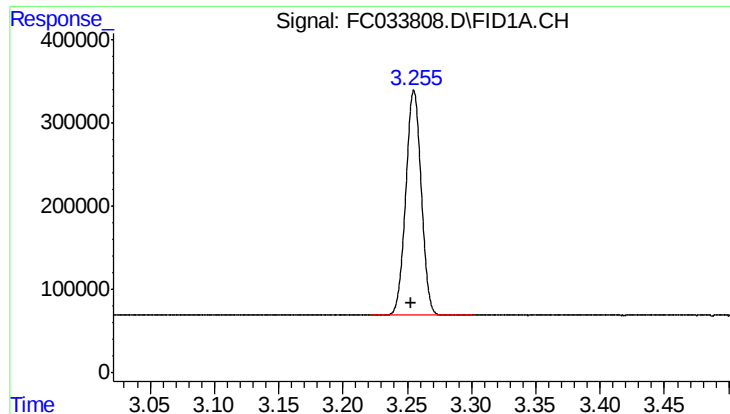
(m)=manual int.

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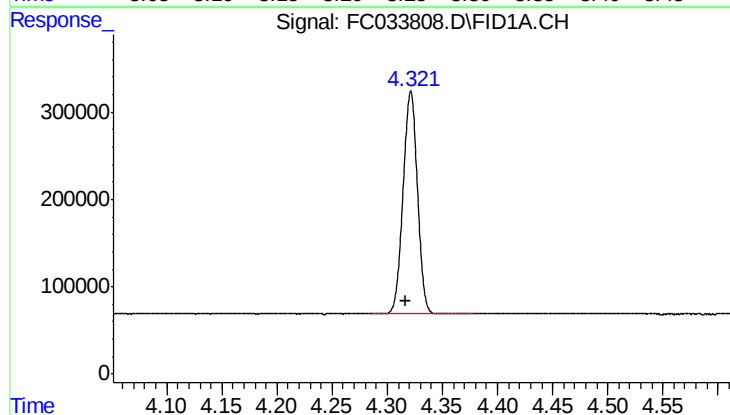
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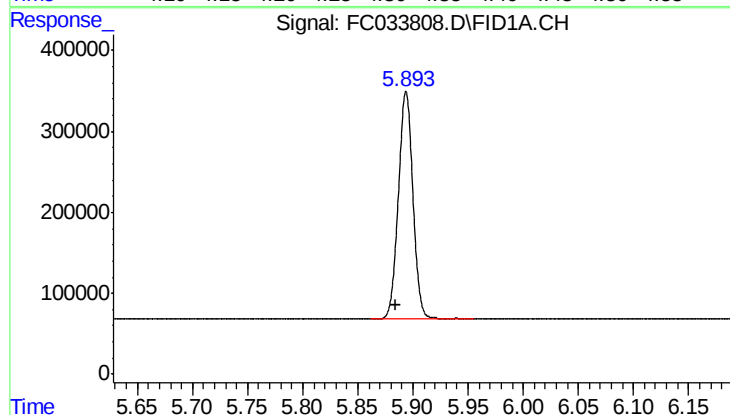
#1 n-Nonane (C9)

R.T.: 3.255 min
Delta R.T.: 0.002 min
Response: 2272001
Conc: 16.64 ug/ml



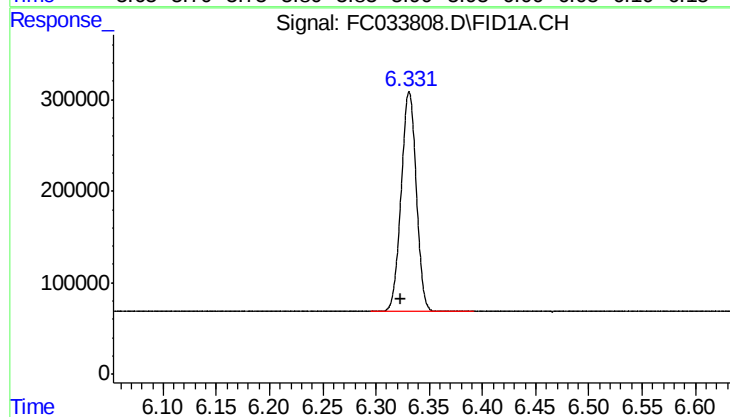
#2 n-Decane (C10)

R.T.: 4.321 min
Delta R.T.: 0.005 min
Response: 2314069
Conc: 16.65 ug/ml



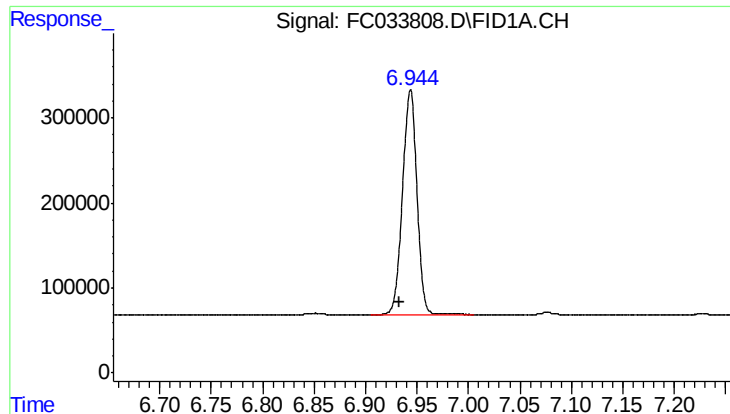
#3 A-Naphthalene (C11.7)

R.T.: 5.894 min
Delta R.T.: 0.010 min
Response: 2580791
Conc: 16.63 ug/ml



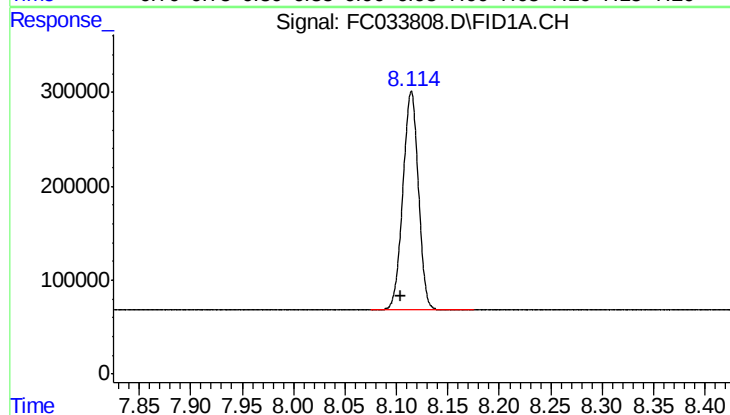
#4 n-Dodecane (C12)

R.T.: 6.331 min
Delta R.T.: 0.008 min
Response: 2381249
Conc: 16.58 ug/ml



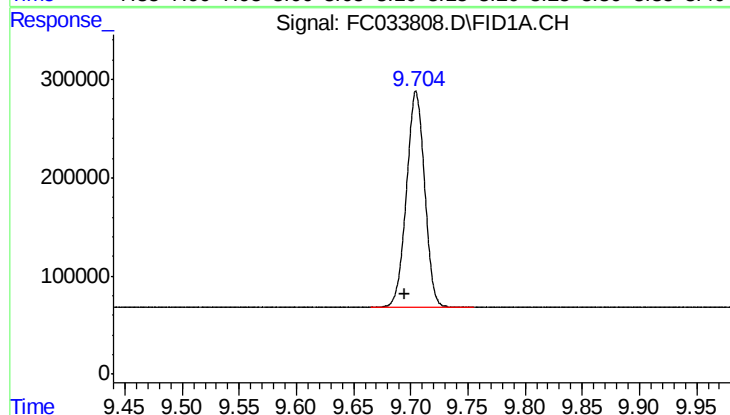
#5 A-2-methylnaphthalene (C12.89)

R.T.: 6.944 min
Delta R.T.: 0.011 min
Response: 2580678
Conc: 16.46 ug/ml



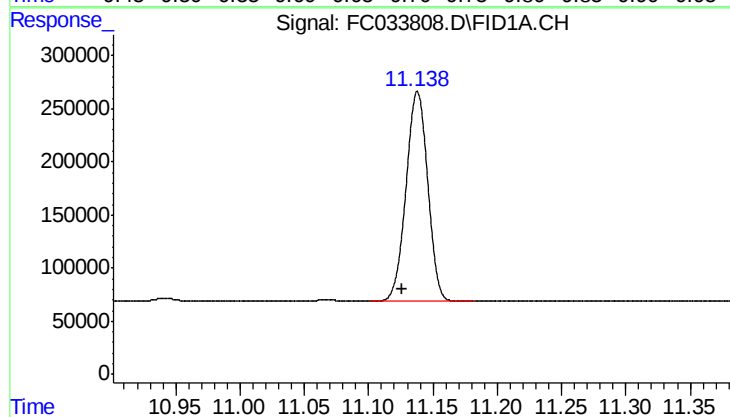
#6 n-Tetradecane (C14)

R.T.: 8.114 min
Delta R.T.: 0.010 min
Response: 2435624
Conc: 16.29 ug/ml



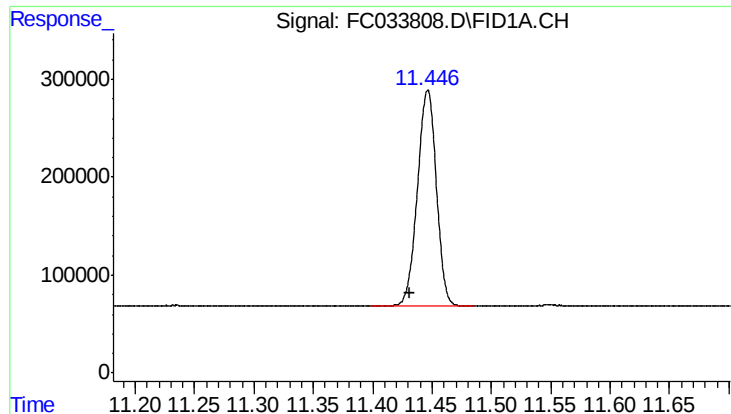
#7 n-Hexadecane (C16)

R.T.: 9.705 min
Delta R.T.: 0.010 min
Response: 2415158
Conc: 16.03 ug/ml



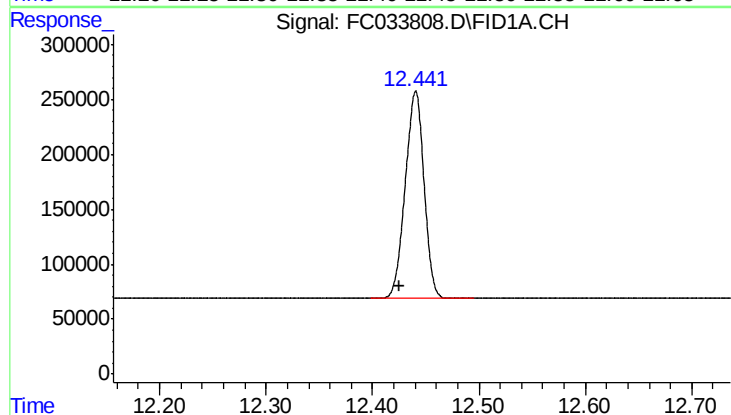
#8 n-Octadecane (C18)

R.T.: 11.138 min
Delta R.T.: 0.013 min
Response: 2330173
Conc: 15.77 ug/ml



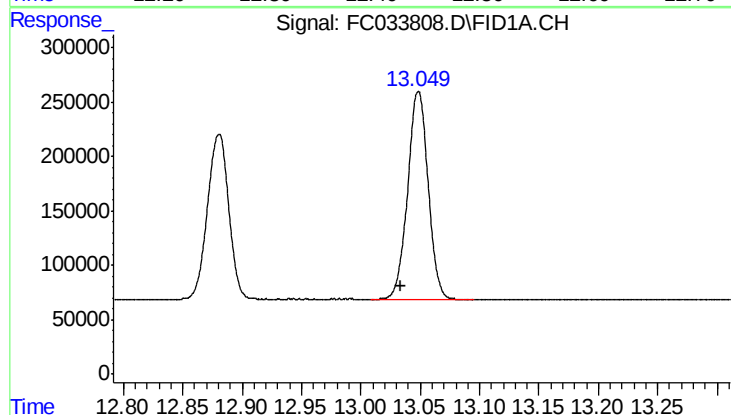
#9 ortho-Terphenyl (SURR)

R.T.: 11.446 min
Delta R.T.: 0.015 min
Response: 2441796
Conc: 15.72 ug/ml



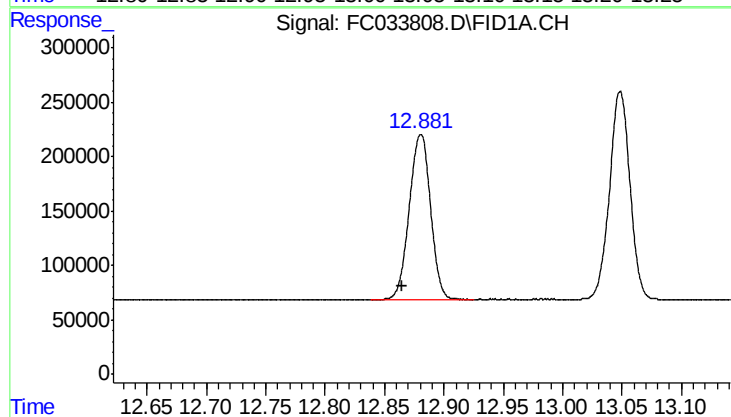
#10 n-Eicosane (C20)

R.T.: 12.441 min
Delta R.T.: 0.015 min
Response: 2318180
Conc: 15.78 ug/ml



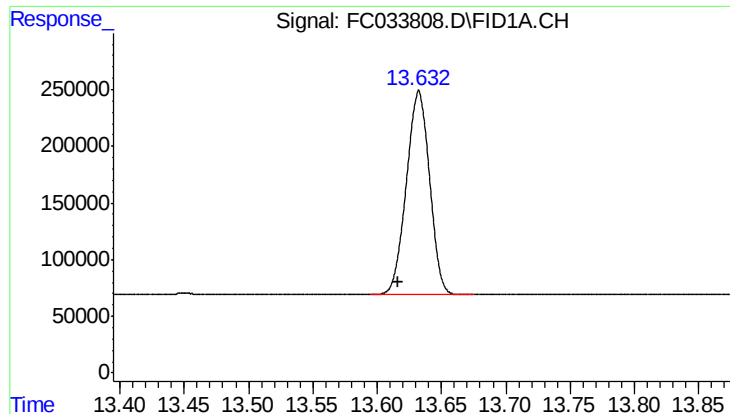
#11 n-Heneicosane (C21)

R.T.: 13.049 min
Delta R.T.: 0.015 min
Response: 2285490
Conc: 15.85 ug/ml



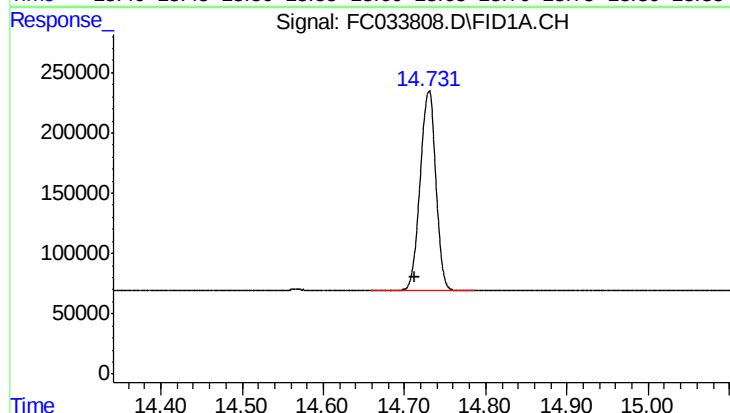
#12 1-chlorooctadecane (SURR)

R.T.: 12.880 min
Delta R.T.: 0.015 min
Response: 1879971
Conc: 16.01 ug/ml



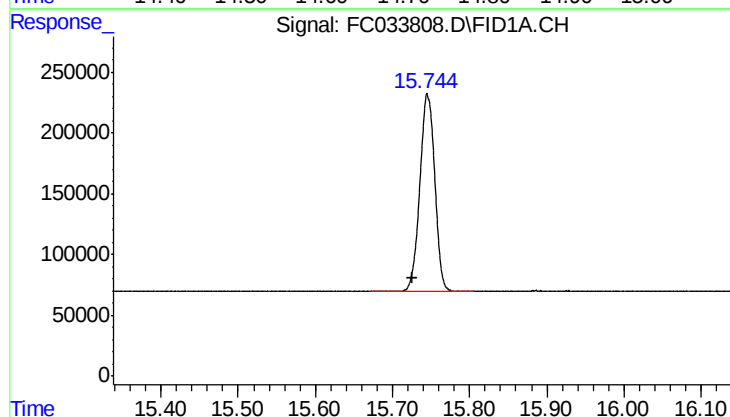
#13 n-Docosane (C22)

R.T.: 13.632 min
Delta R.T.: 0.016 min
Response: 2271828
Conc: 15.94 ug/ml



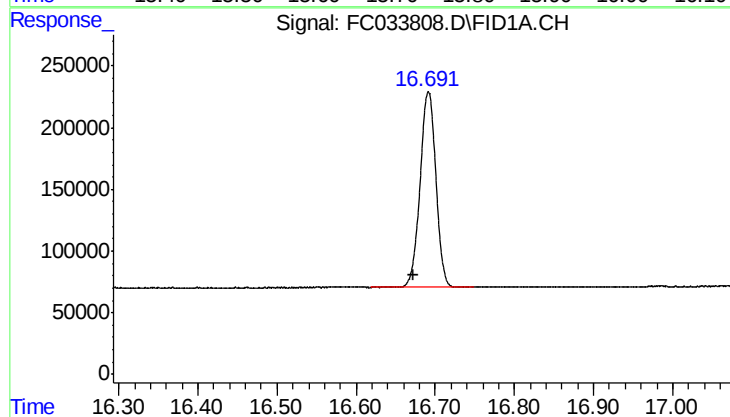
#14 n-Tetracosane (C24)

R.T.: 14.730 min
Delta R.T.: 0.018 min
Response: 2226597
Conc: 16.23 ug/ml



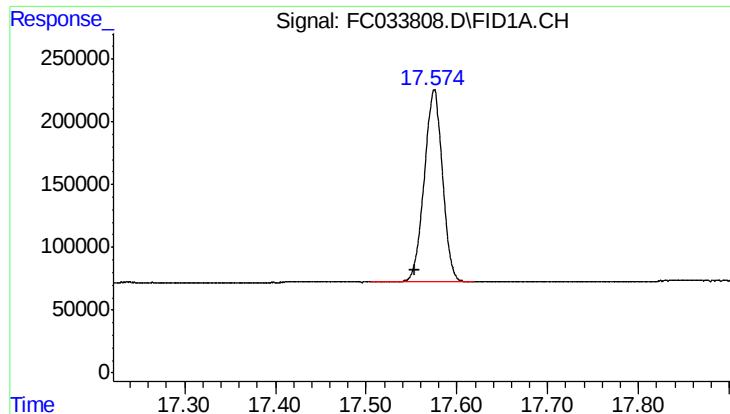
#15 n-Hexacosane (C26)

R.T.: 15.746 min
Delta R.T.: 0.020 min
Response: 2186793
Conc: 16.72 ug/ml



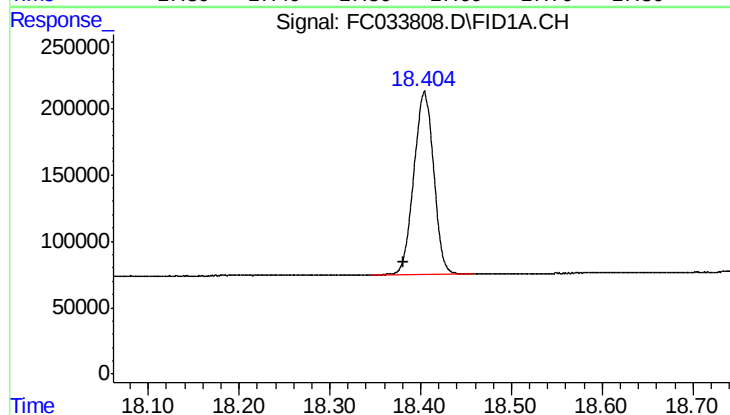
#16 n-Octacosane (C28)

R.T.: 16.691 min
Delta R.T.: 0.019 min
Response: 2198718
Conc: 17.22 ug/ml



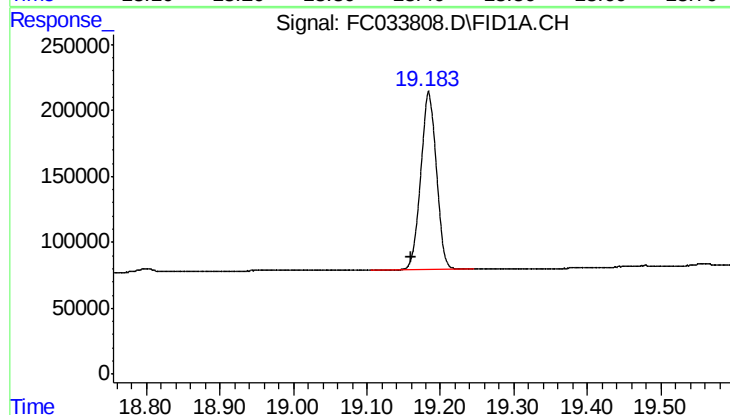
#17 n-Tricontane (C30)

R.T.: 17.575 min
Delta R.T.: 0.021 min
Response: 2130679
Conc: 17.68 ug/ml



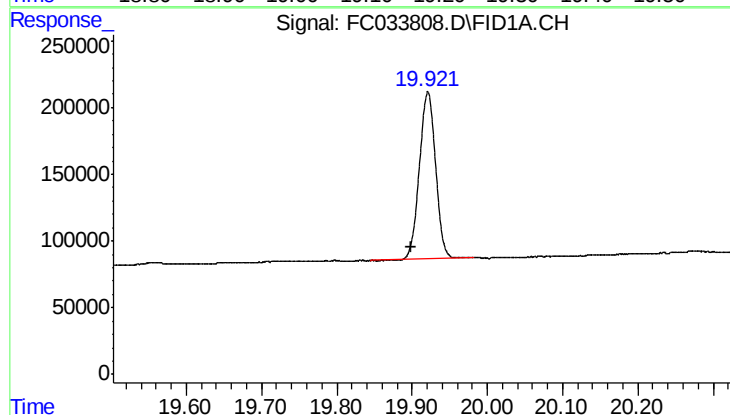
#18 n-Dotriacontane (C32)

R.T.: 18.404 min
Delta R.T.: 0.023 min
Response: 2083583
Conc: 17.90 ug/ml



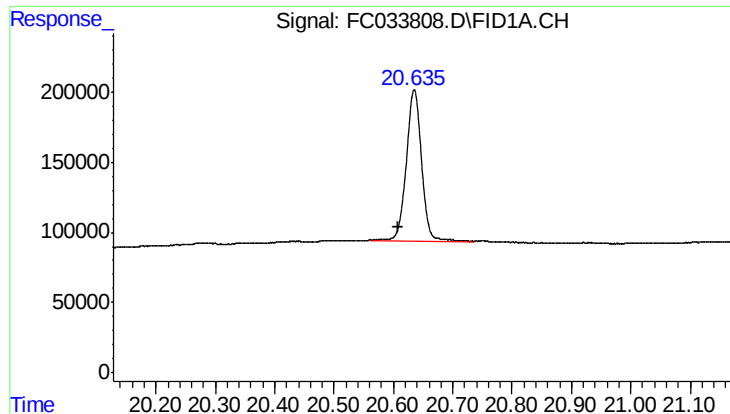
#19 n-Tetratriacontane (C34)

R.T.: 19.184 min
Delta R.T.: 0.024 min
Response: 1989433
Conc: 18.41 ug/ml



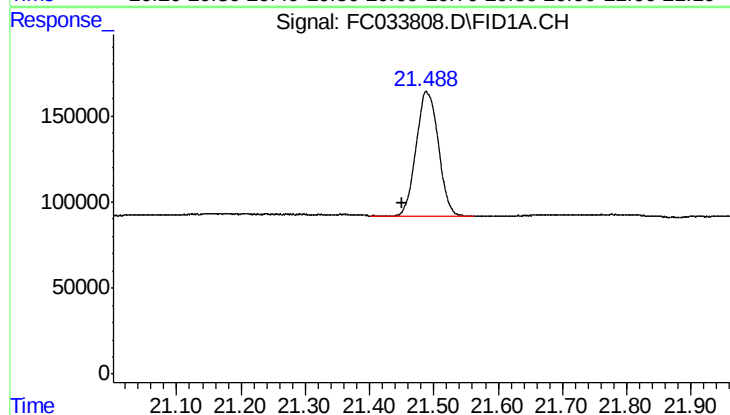
#20 n-Hexatriacontane (C36)

R.T.: 19.921 min
Delta R.T.: 0.023 min
Response: 1873938
Conc: 18.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.635 min
Delta R.T.: 0.028 min
Response: 1897650
Conc: 19.82 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.489 min
Delta R.T.: 0.038 min
Response: 1739272
Conc: 19.38 ug/ml