

Data Path : P:\HPCHEM1\FID_C\Data\FC032118AL\
 Data File : FC033281.D
 Signal(s) : FID1A.CH
 Acq On : 21 Mar 2018 19:48
 Operator : UA/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 22 03:41:13 2018
 Quant Method : P:\HPCHEM1\FID_C\Method\Alaphatic EPH 031918.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 19 16:15:43 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)	11.107	2800357	17.435 ug/ml
Spiked Amount 50.000		Recovery =	34.87%
12) S 1-chlorooctadecane (S...	12.557	2141877	17.012 ug/ml
Spiked Amount 50.000		Recovery =	34.02%
Target Compounds			
1) T n-Nonane (C9)	2.975	3014434	21.473 ug/ml
2) T n-Decane (C10)	4.019	3034547	21.612 ug/ml
3) T A-Naphthalene (C11.7)	5.567	2956962	20.623 ug/ml
4) T n-Dodecane (C12)	6.015	3104734	20.856 ug/ml
5) T A-2-methylnaphthalene...	6.615	2907776	20.022 ug/ml
6) T n-Tetradecane (C14)	7.796	3032019	19.665 ug/ml
7) T n-Hexadecane (C16)	9.384	2889055	18.211 ug/ml
8) T n-Octadecane (C18)	10.817	2748267	17.202 ug/ml
10) T n-Eicosane (C20)	12.119	2730247	16.607 ug/ml
11) T n-Heneicosane (C21)	12.728	2686550	17.342 ug/ml
13) T n-Docosane (C22)	13.312	2690251	17.596 ug/ml
14) T n-Tetracosane (C24)	14.411	2686292	18.669 ug/ml
15) T n-Hexacosane (C26)	15.428	2726144	19.929 ug/ml
16) T n-Octacosane (C28)	16.375	2829038	21.185 ug/ml
17) T n-Tricontane (C30)	17.260	2830277	21.776 ug/ml
18) T n-Dotriacontane (C32)	18.090	2853568	21.244 ug/ml
19) T n-Tetratriacontane (C34)	18.872	2793670	22.119 ug/ml
20) T n-Hexatriacontane (C36)	19.610	2693613	23.068 ug/ml
21) T n-Octatriacontane (C38)	20.308	2689032	22.764 ug/ml
22) T n-Tetracontane (C40)	21.053	2779019	22.670 ug/ml

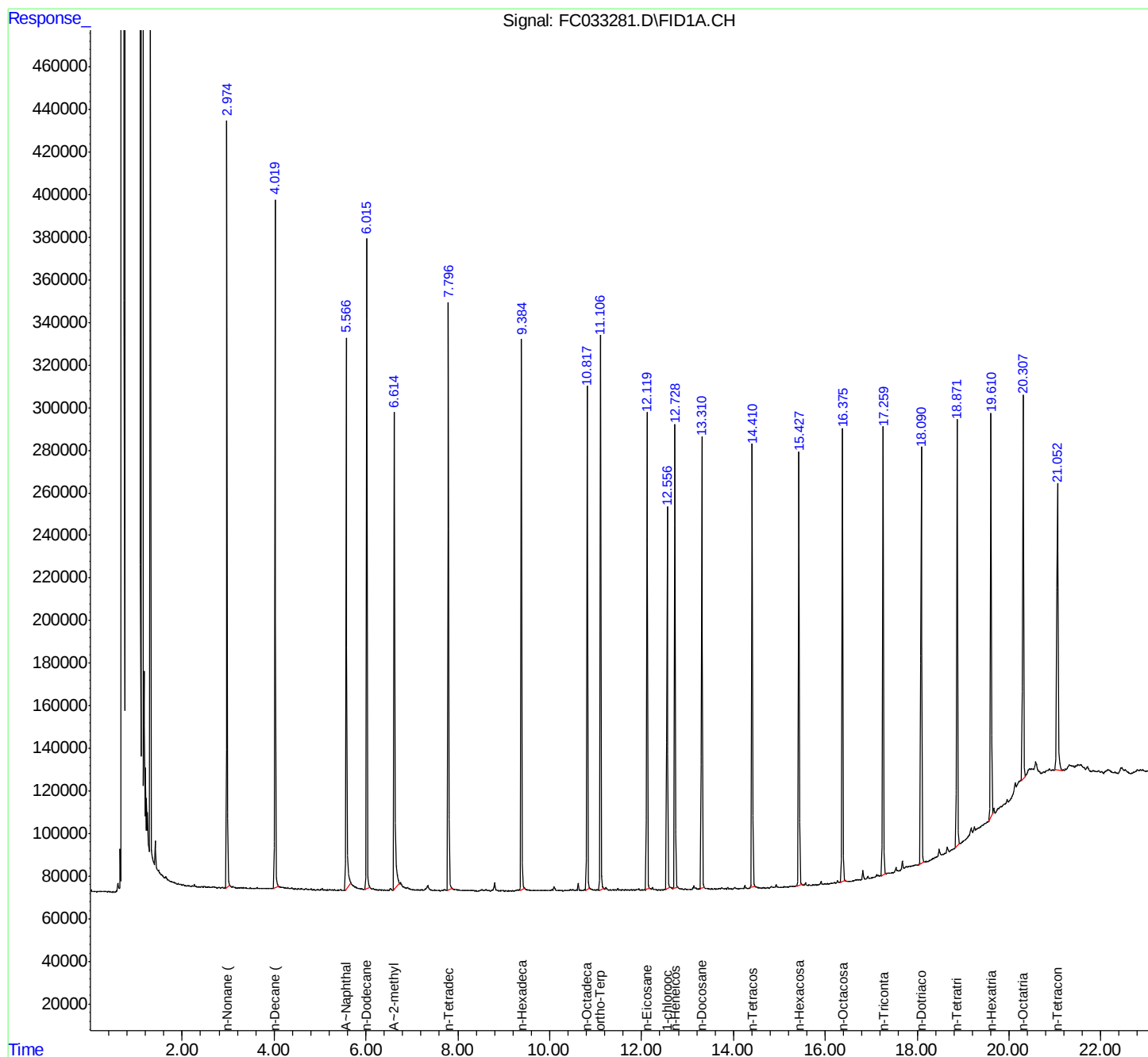
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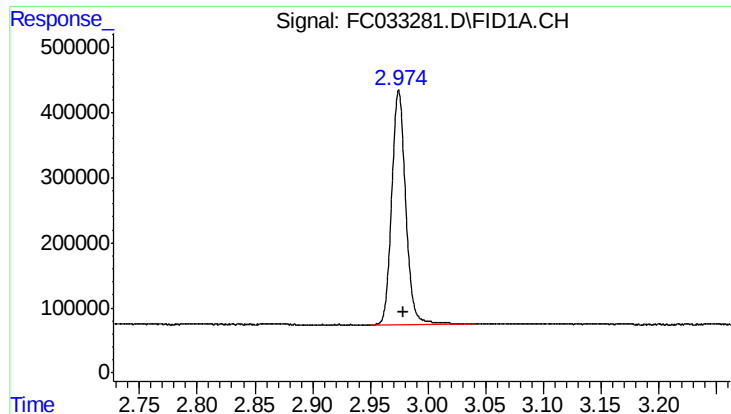
(m)=manual int.

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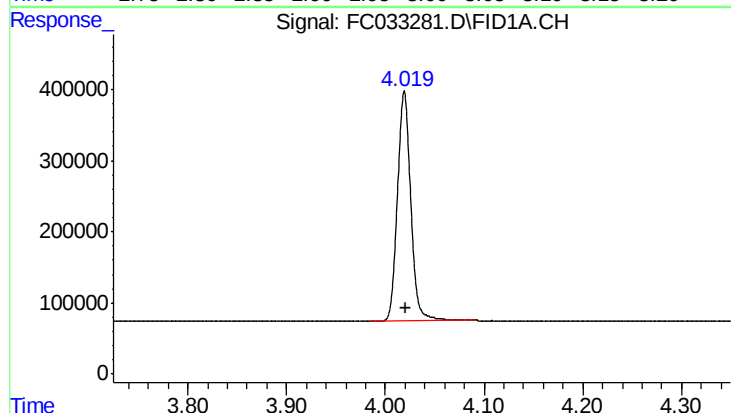
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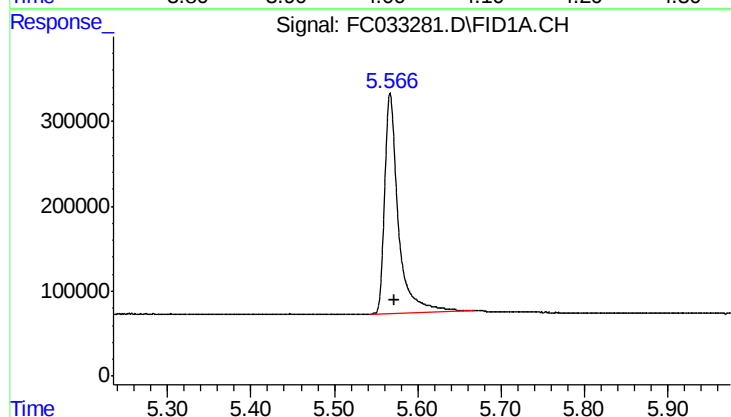
#1 n-Nonane (C9)

R.T.: 2.975 min
Delta R.T.: -0.003 min
Response: 3014434
Conc: 21.47 ug/ml



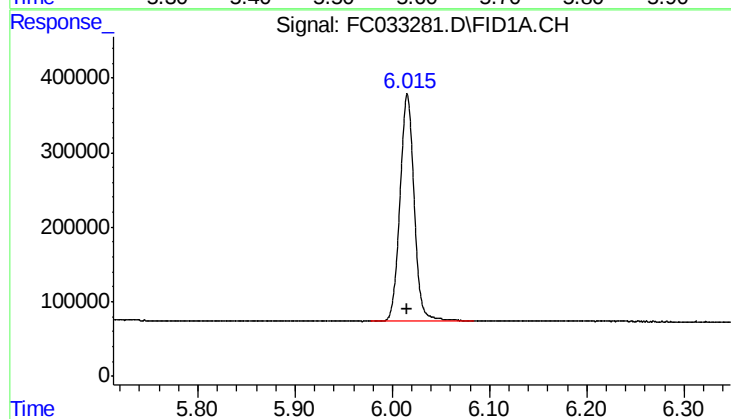
#2 n-Decane (C10)

R.T.: 4.019 min
Delta R.T.: -0.001 min
Response: 3034547
Conc: 21.61 ug/ml



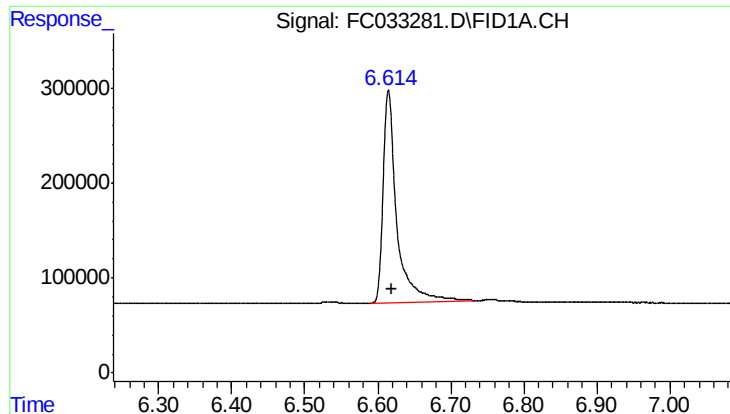
#3 A-Naphthalene (C11.7)

R.T.: 5.567 min
Delta R.T.: -0.005 min
Response: 2956962
Conc: 20.62 ug/ml



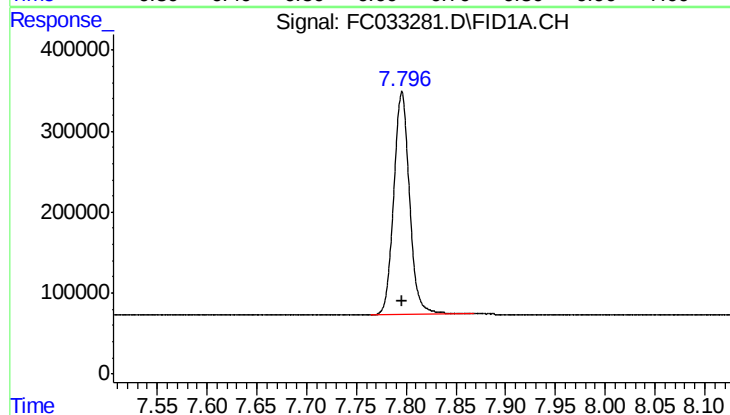
#4 n-Dodecane (C12)

R.T.: 6.015 min
Delta R.T.: 0.000 min
Response: 3104734
Conc: 20.86 ug/ml



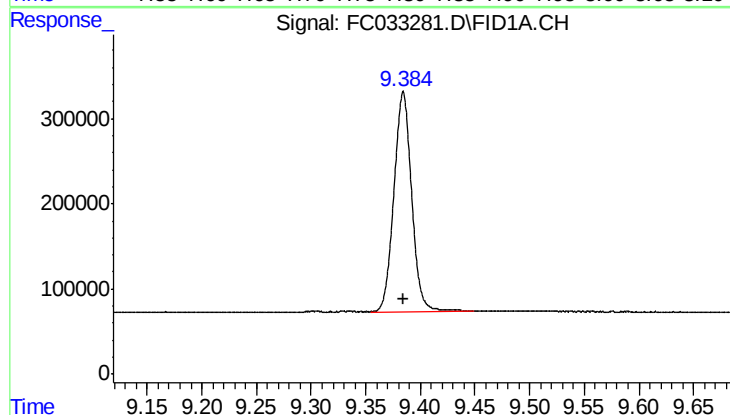
#5 A-2-methylnaphthalene (C12.89)

R.T.: 6.615 min
Delta R.T.: -0.005 min
Response: 2907776
Conc: 20.02 ug/ml



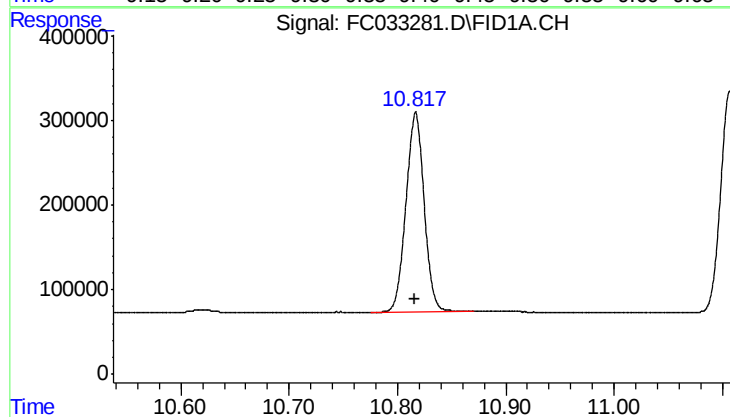
#6 n-Tetradecane (C14)

R.T.: 7.796 min
Delta R.T.: 0.000 min
Response: 3032019
Conc: 19.66 ug/ml



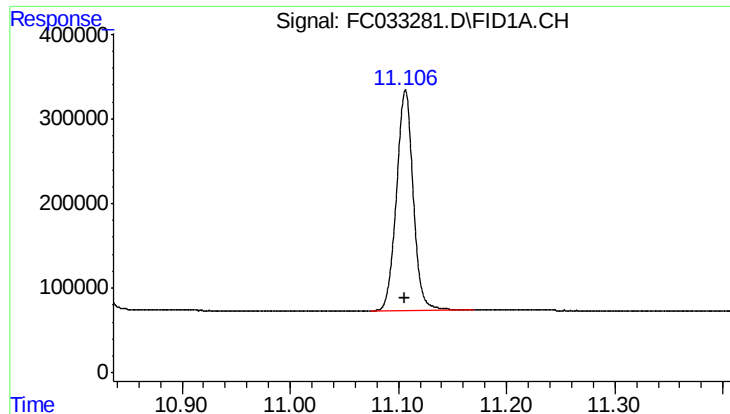
#7 n-Hexadecane (C16)

R.T.: 9.384 min
Delta R.T.: 0.000 min
Response: 2889055
Conc: 18.21 ug/ml



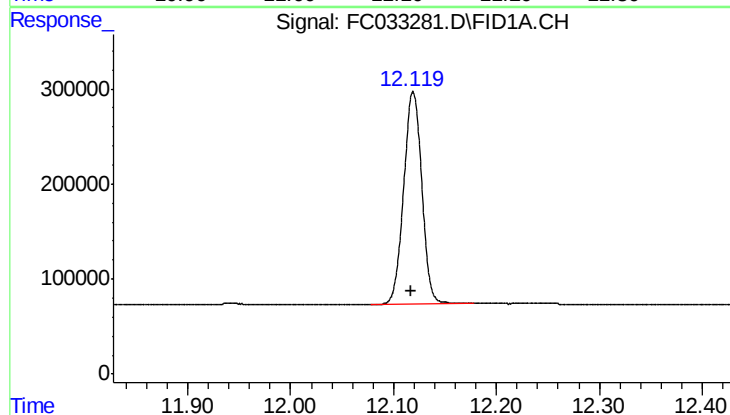
#8 n-Octadecane (C18)

R.T.: 10.817 min
Delta R.T.: 0.000 min
Response: 2748267
Conc: 17.20 ug/ml



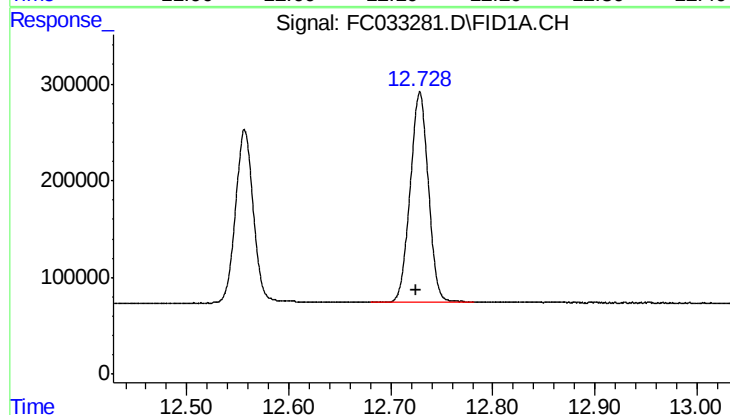
#9 ortho-Terphenyl (SURR)

R.T.: 11.107 min
Delta R.T.: 0.000 min
Response: 2800357
Conc: 17.44 ug/ml



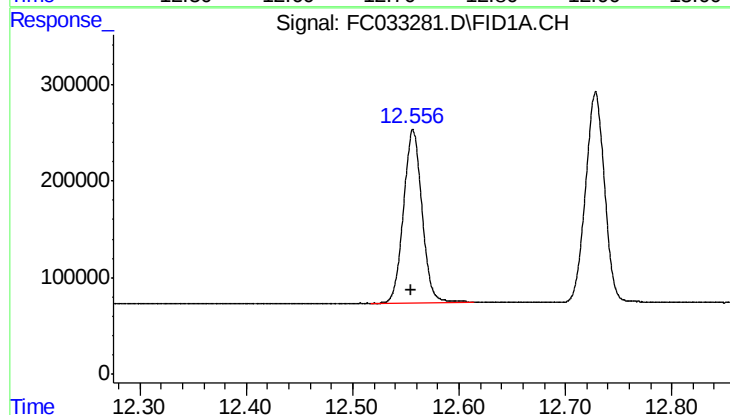
#10 n-Eicosane (C20)

R.T.: 12.119 min
Delta R.T.: 0.002 min
Response: 2730247
Conc: 16.61 ug/ml



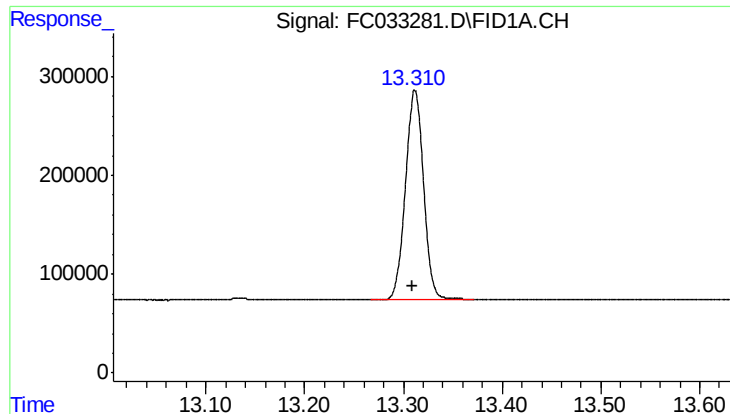
#11 n-Heneicosane (C21)

R.T.: 12.728 min
Delta R.T.: 0.003 min
Response: 2686550
Conc: 17.34 ug/ml



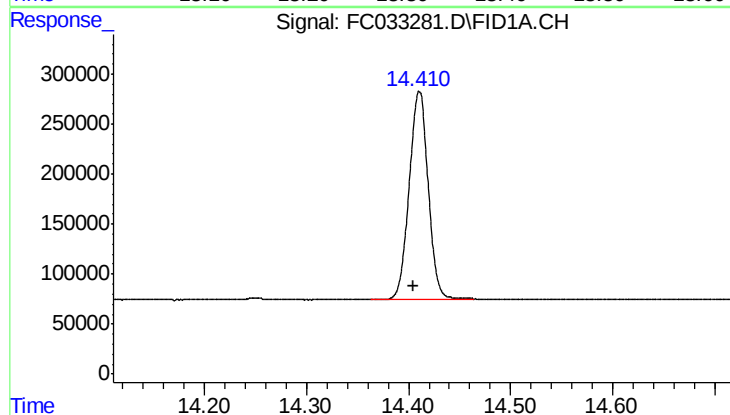
#12 1-chlorooctadecane (SURR)

R.T.: 12.557 min
Delta R.T.: 0.002 min
Response: 2141877
Conc: 17.01 ug/ml



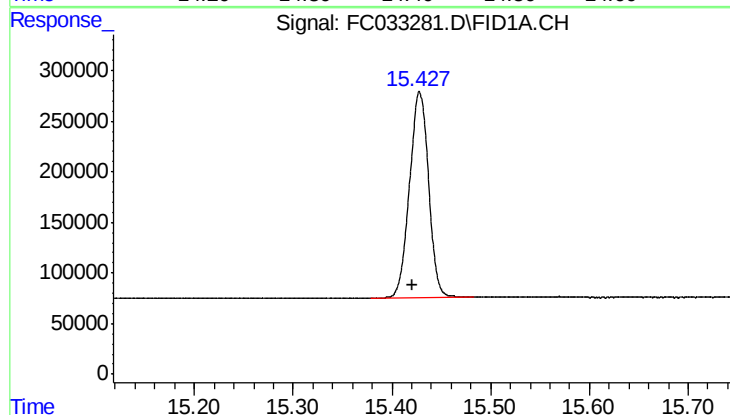
#13 n-Docosane (C22)

R.T.: 13.312 min
Delta R.T.: 0.002 min
Response: 2690251
Conc: 17.60 ug/ml



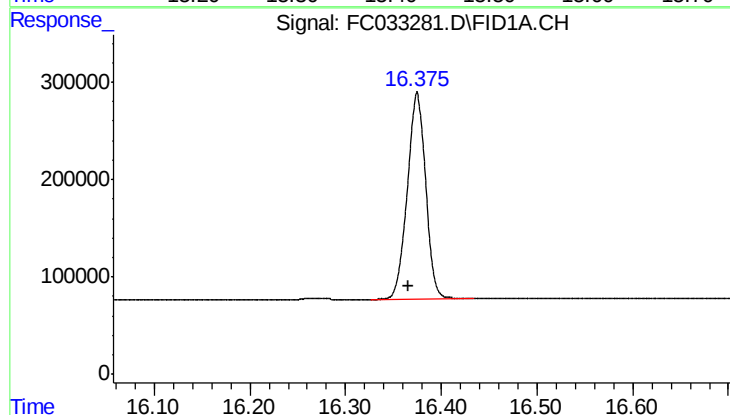
#14 n-Tetracosane (C24)

R.T.: 14.411 min
Delta R.T.: 0.006 min
Response: 2686292
Conc: 18.67 ug/ml



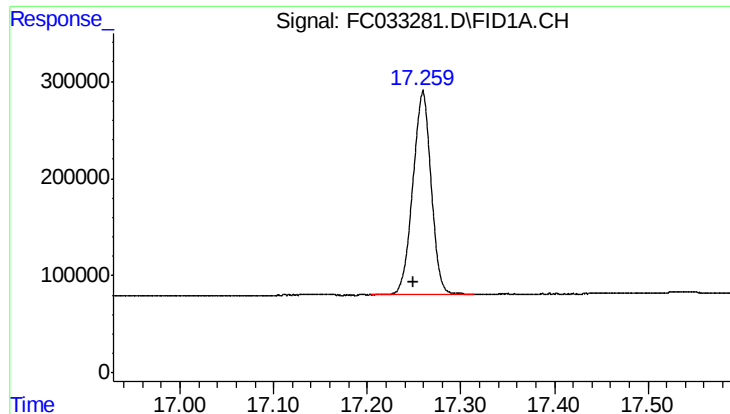
#15 n-Hexacosane (C26)

R.T.: 15.428 min
Delta R.T.: 0.008 min
Response: 2726144
Conc: 19.93 ug/ml



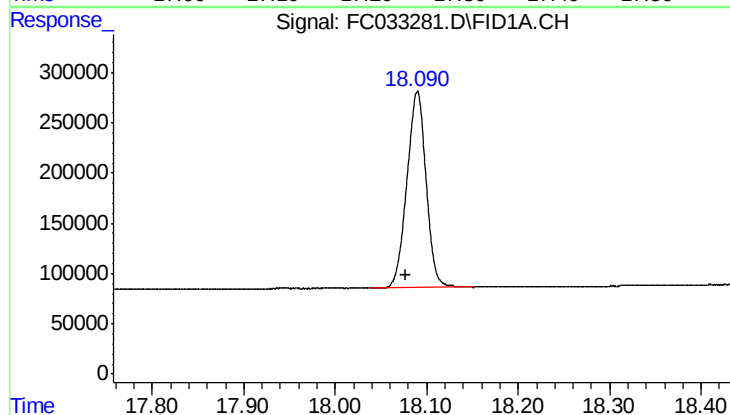
#16 n-Octacosane (C28)

R.T.: 16.375 min
Delta R.T.: 0.009 min
Response: 2829038
Conc: 21.18 ug/ml



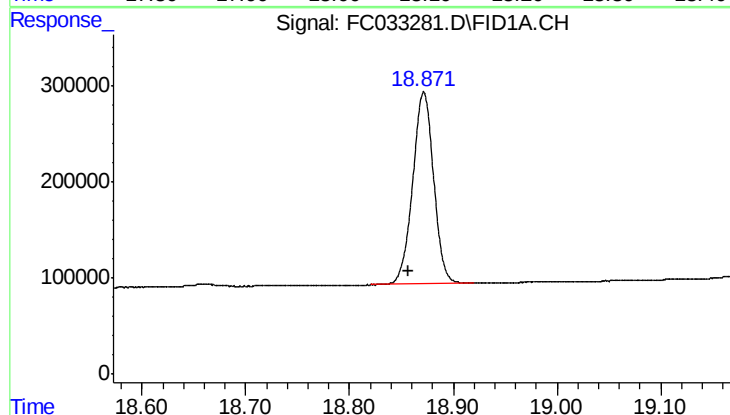
#17 n-Tricontane (C30)

R.T.: 17.260 min
Delta R.T.: 0.010 min
Response: 2830277
Conc: 21.78 ug/ml



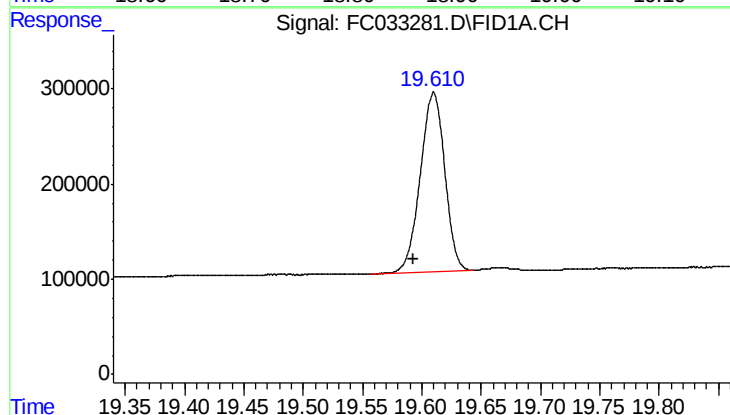
#18 n-Dotriacontane (C32)

R.T.: 18.090 min
Delta R.T.: 0.013 min
Response: 2853568
Conc: 21.24 ug/ml



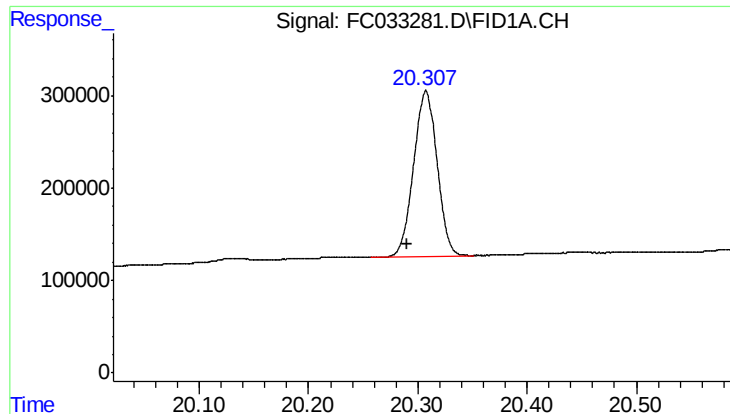
#19 n-Tetratriacontane (C34)

R.T.: 18.872 min
Delta R.T.: 0.015 min
Response: 2793670
Conc: 22.12 ug/ml



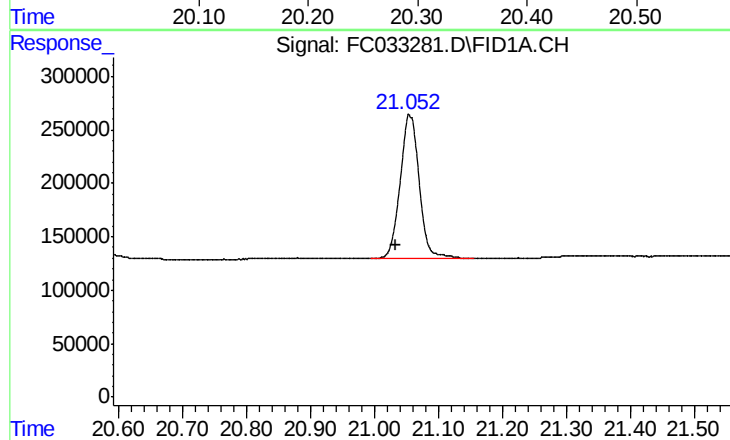
#20 n-Hexatriacontane (C36)

R.T.: 19.610 min
Delta R.T.: 0.017 min
Response: 2693613
Conc: 23.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.308 min
Delta R.T.: 0.017 min
Response: 2689032
Conc: 22.76 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.053 min
Delta R.T.: 0.021 min
Response: 2779019
Conc: 22.67 ug/ml