Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\FID C\Data\FC011618AL\
Data File : FC031769.D
Signal(s) : FID1A.CH
Acq On : 16 Jan 2018 10:44
Operator : UA/AJ
Sample : 100 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Jan 16 13:40:02 2018
Quant Method : P:\HPCHEM1\FID_C\Method\Alaphatic EPH 011618.M
Quant Title : GC Extractables
QLast Update : Tue Jan 16 13:40:23 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)	11.193	12947932	103.816 ug/ml
Spiked Amount	50.000		Recovery =	207.63%
12) S	1-chlorooctadecane (S...	12.639	9720110	105.331 ug/ml
Spiked Amount	50.000		Recovery =	210.66%
	Target Compounds			
1) T	n-Nonane (C9)	3.037	12674713	105.080 ug/ml
2) T	n-Decane (C10)	4.088	12668085	105.643 ug/ml
3) T	A~Naphthalene (C11.7)	5.640	14074153	107.626 ug/ml
4) T	n-Dodecane (C12)	6.090	12606889	105.611 ug/ml
5) T	A~2-methylnaphthalene...	6.690	13865071	108.136 ug/ml
6) T	n-Tetradecane (C14)	7.873	12545888	105.589 ug/ml
7) T	n-Hexadecane (C16)	9.464	12327889	105.093 ug/ml
8) T	n-Octadecane (C18)	10.899	11940251	104.492 ug/ml
10) T	n-Eicosane (C20)	12.201	11971261	104.254 ug/ml
11) T	n-Heneicosane (C21)	12.811	11860487	104.258 ug/ml
13) T	n-Docosane (C22)	13.395	11856667	104.461 ug/ml
14) T	n-Tetracosane (C24)	14.493	11696221	104.470 ug/ml
15) T	n-Hexacosane (C26)	15.510	11623911	104.338 ug/ml
16) T	n-Octacosane (C28)	16.457	11694046	104.399 ug/ml
17) T	n-Tricontane (C30)	17.341	11311838	104.408 ug/ml
18) T	n-Dotriacontane (C32)	18.171	10923668	104.190 ug/ml
19) T	n-Tetratriacontane (C34)	18.951	10516352	104.657 ug/ml
20) T	n-Hexatriacontane (C36)	19.690	10027678	104.767 ug/ml
21) T	n-Octatriacontane (C38)	20.388	9598085	105.396 ug/ml
22) T	n-Tetracontane (C40)	21.159	8919367	102.351 ug/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

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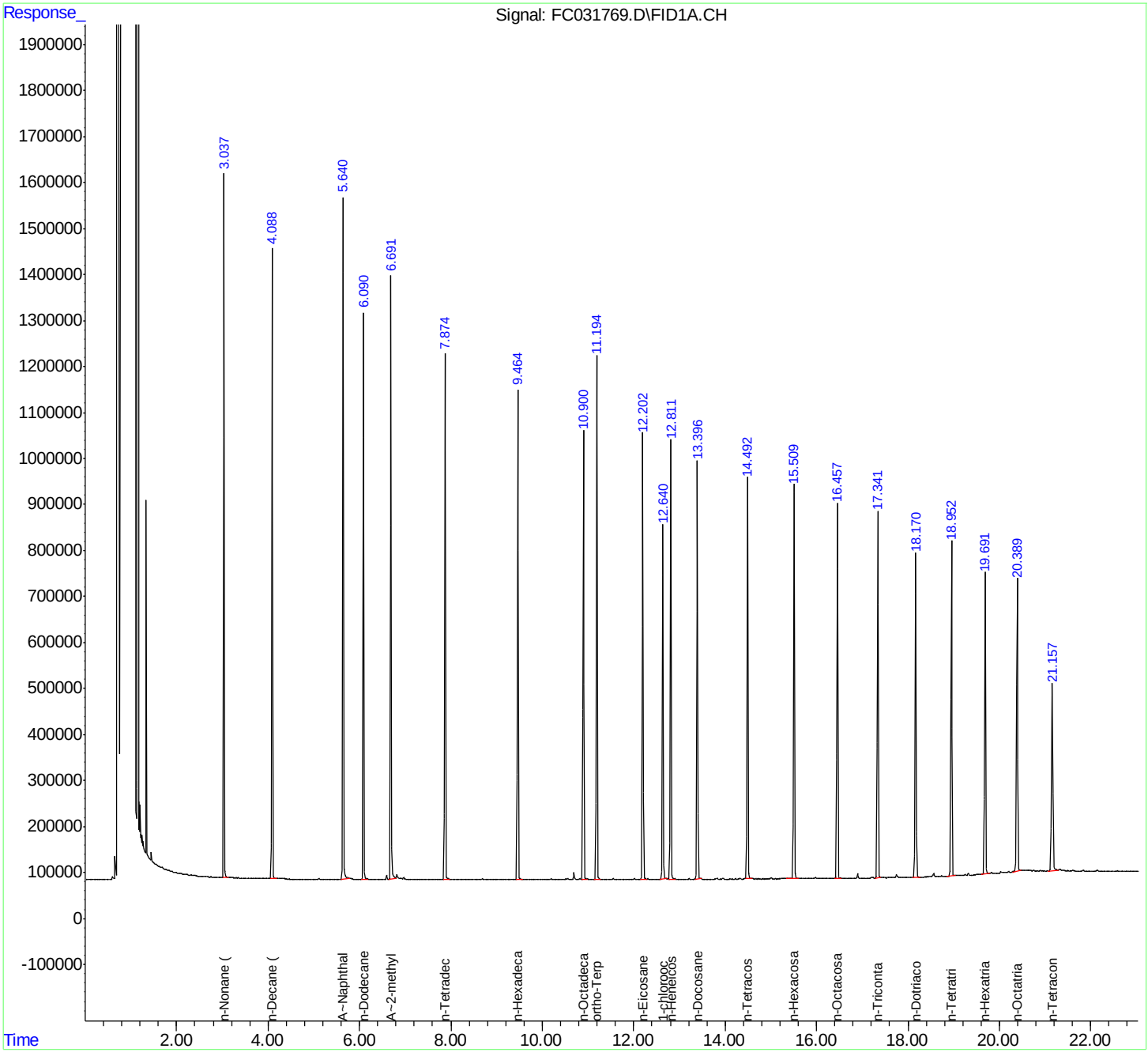
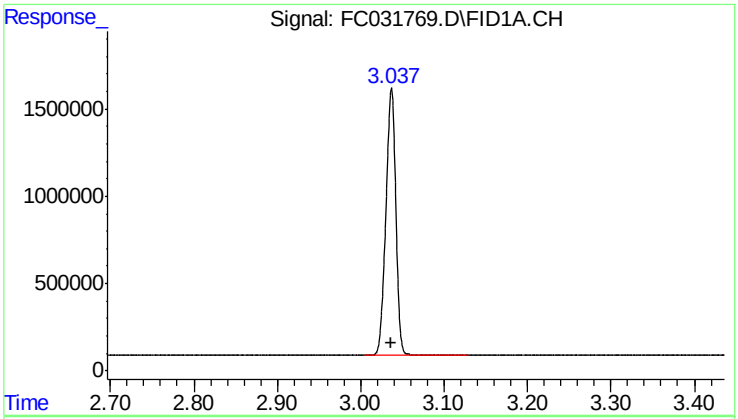
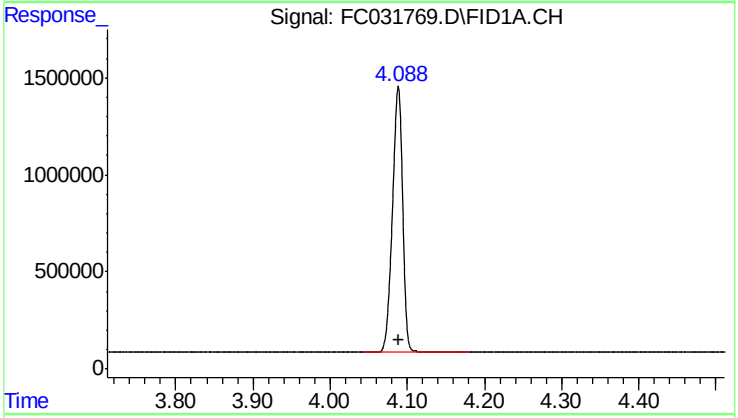
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





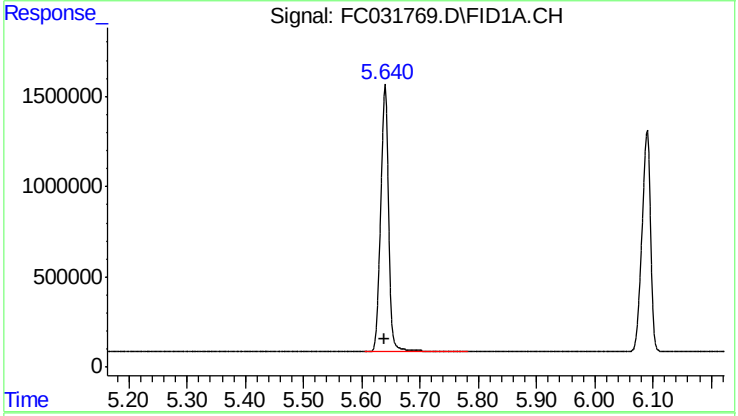
#1 n-Nonane (C9)

R.T.: 3.037 min
Delta R.T.: 0.000 min
Response: 12674713
Conc: 105.08 ug/ml



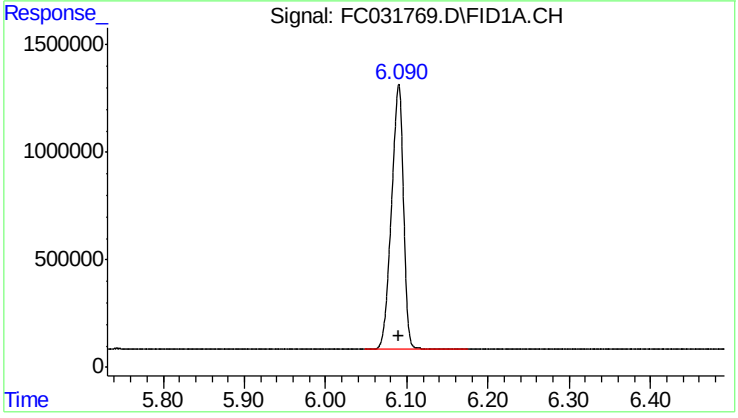
#2 n-Decane (C10)

R.T.: 4.088 min
Delta R.T.: 0.000 min
Response: 12668085
Conc: 105.64 ug/ml



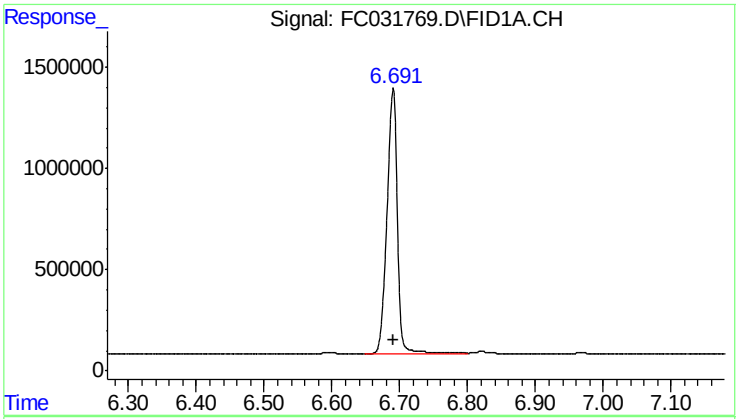
#3 A~Naphthalene (C11.7)

R.T.: 5.640 min
Delta R.T.: 0.000 min
Response: 14074153
Conc: 107.63 ug/ml



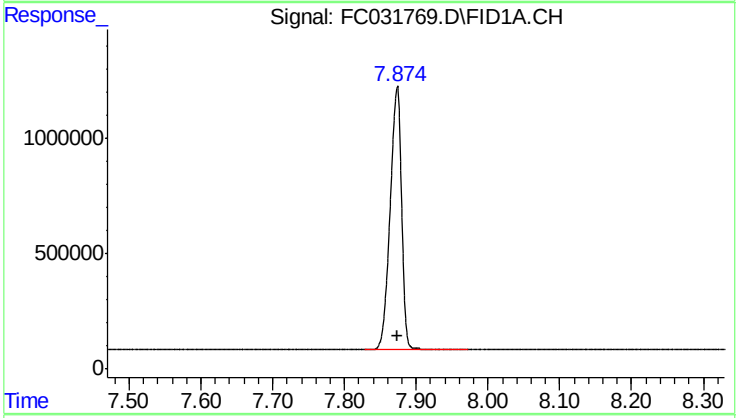
#4 n-Dodecane (C12)

R.T.: 6.090 min
Delta R.T.: 0.000 min
Response: 12606889
Conc: 105.61 ug/ml



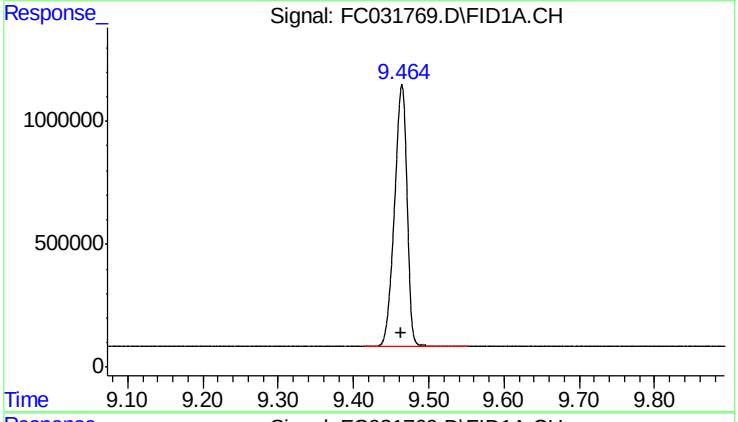
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.690 min
Delta R.T.: 0.000 min
Response: 13865071
Conc: 108.14 ug/ml



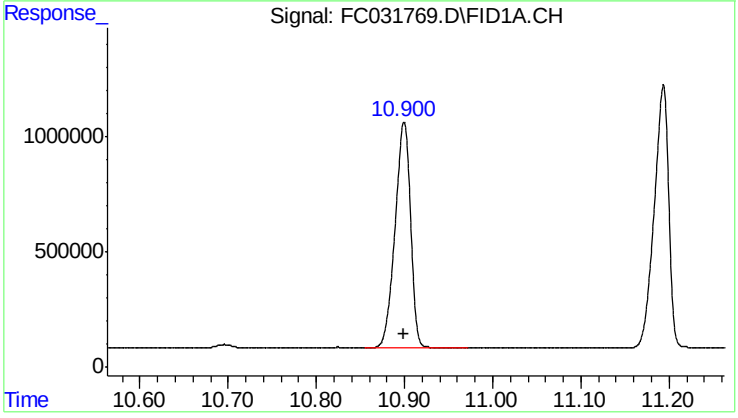
#6 n-Tetradecane (C14)

R.T.: 7.873 min
Delta R.T.: 0.000 min
Response: 12545888
Conc: 105.59 ug/ml



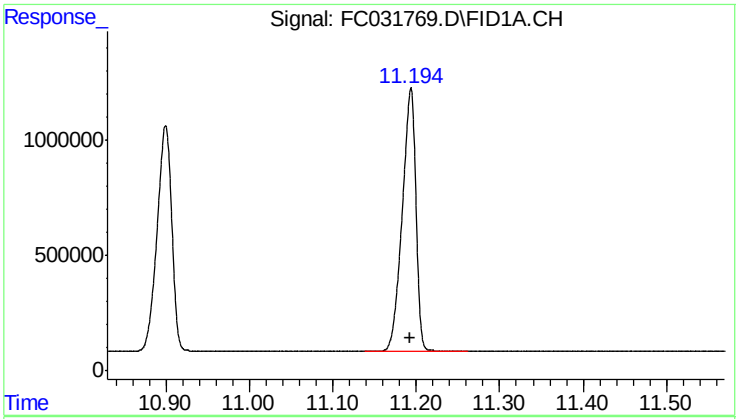
#7 n-Hexadecane (C16)

R.T.: 9.464 min
Delta R.T.: 0.000 min
Response: 12327889
Conc: 105.09 ug/ml



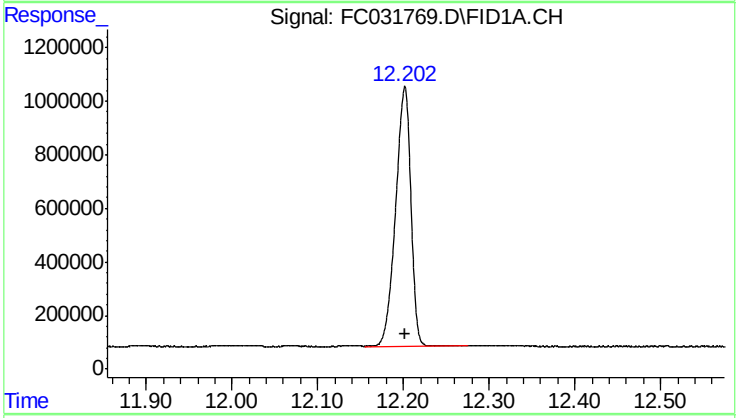
#8 n-Octadecane (C18)

R.T.: 10.899 min
Delta R.T.: 0.000 min
Response: 11940251
Conc: 104.49 ug/ml



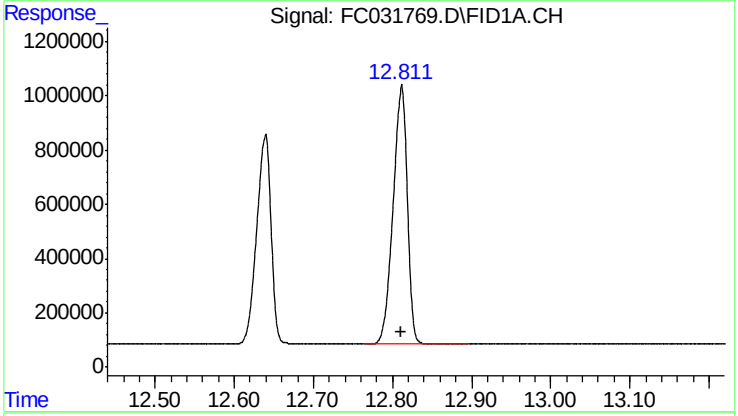
#9 ortho-Terphenyl (SURR)

R.T.: 11.193 min
Delta R.T.: 0.000 min
Response: 12947932
Conc: 103.82 ug/ml



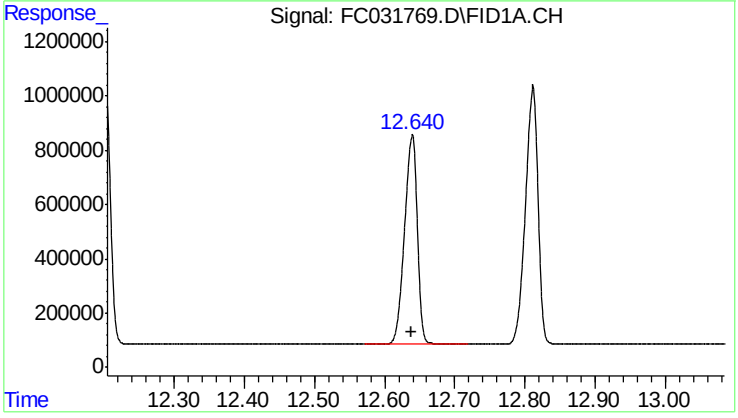
#10 n-Eicosane (C20)

R.T.: 12.201 min
Delta R.T.: 0.000 min
Response: 11971261
Conc: 104.25 ug/ml



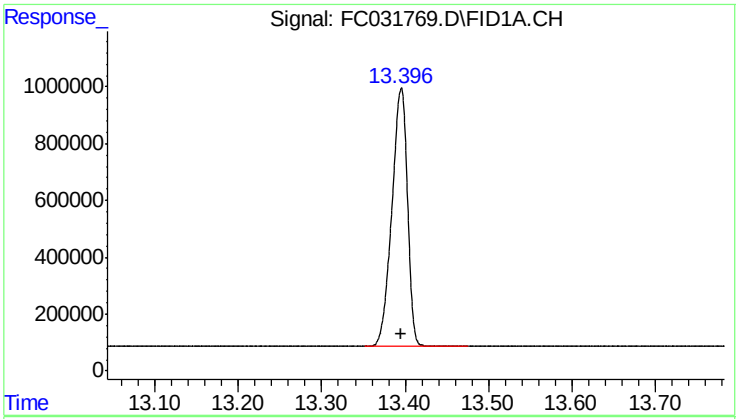
#11 n-Heneicosane (C21)

R.T.: 12.811 min
Delta R.T.: 0.000 min
Response: 11860487
Conc: 104.26 ug/ml



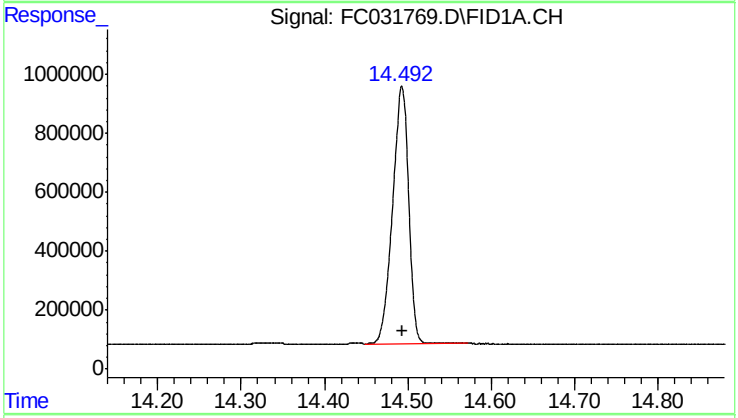
#12 1-chlorooctadecane (SURR)

R.T.: 12.639 min
Delta R.T.: 0.000 min
Response: 9720110
Conc: 105.33 ug/ml



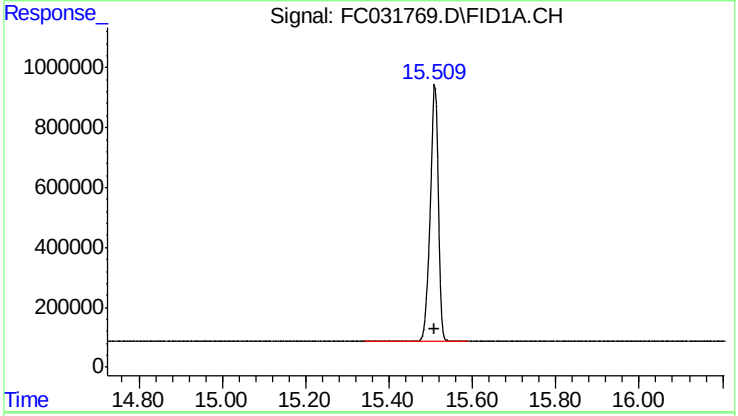
#13 n-Docosane (C22)

R.T.: 13.395 min
Delta R.T.: 0.000 min
Response: 11856667
Conc: 104.46 ug/ml



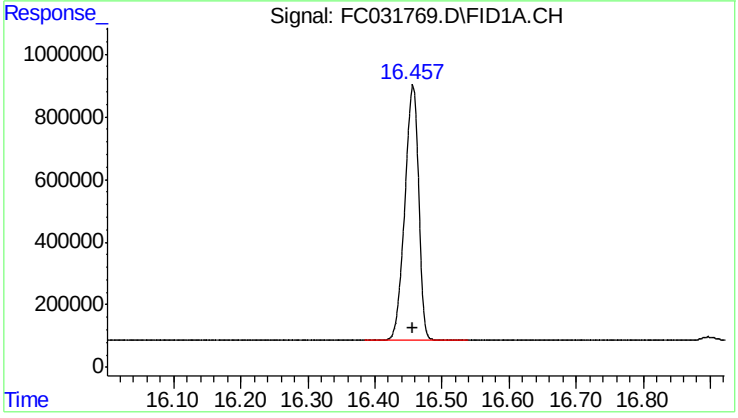
#14 n-Tetracosane (C24)

R.T.: 14.493 min
Delta R.T.: 0.000 min
Response: 11696221
Conc: 104.47 ug/ml



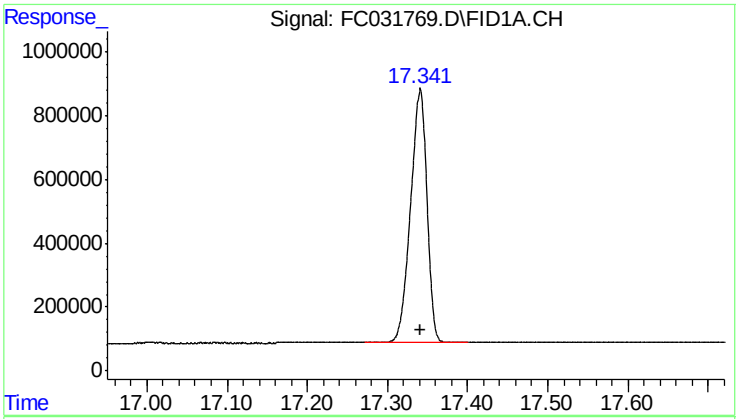
#15 n-Hexacosane (C26)

R.T.: 15.510 min
Delta R.T.: 0.000 min
Response: 11623911
Conc: 104.34 ug/ml



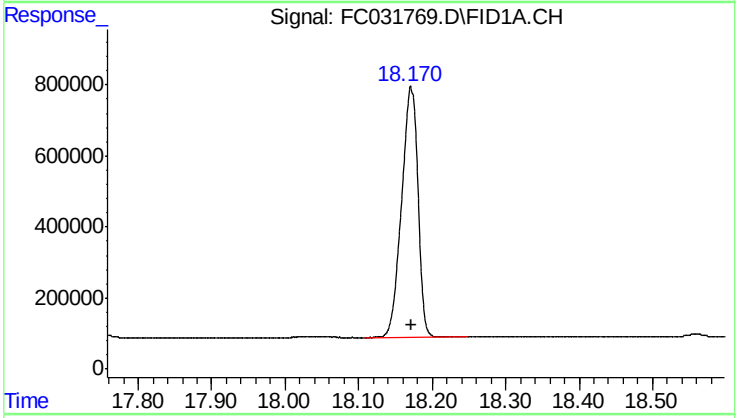
#16 n-Octacosane (C28)

R.T.: 16.457 min
Delta R.T.: 0.000 min
Response: 11694046
Conc: 104.40 ug/ml



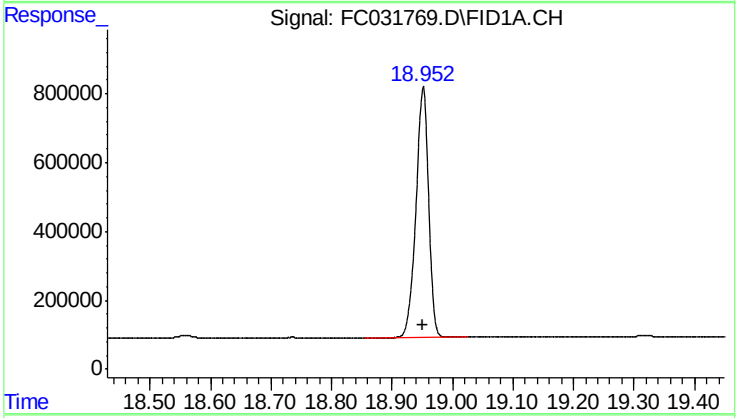
#17 n-Tricontane (C30)

R.T.: 17.341 min
Delta R.T.: 0.000 min
Response: 11311838
Conc: 104.41 ug/ml



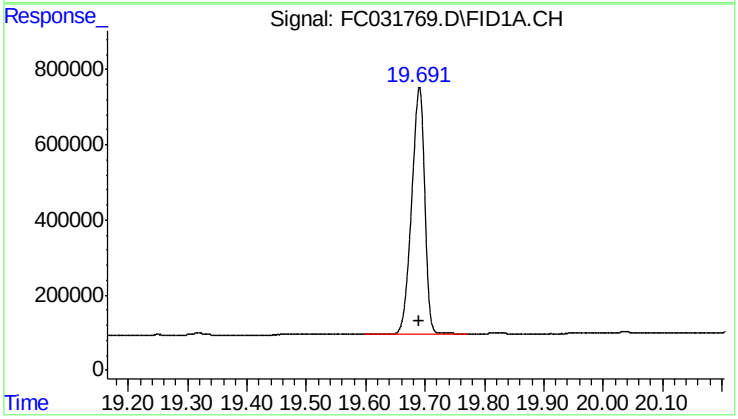
#18 n-Dotriacontane (C32)

R.T.: 18.171 min
Delta R.T.: 0.000 min
Response: 10923668
Conc: 104.19 ug/ml



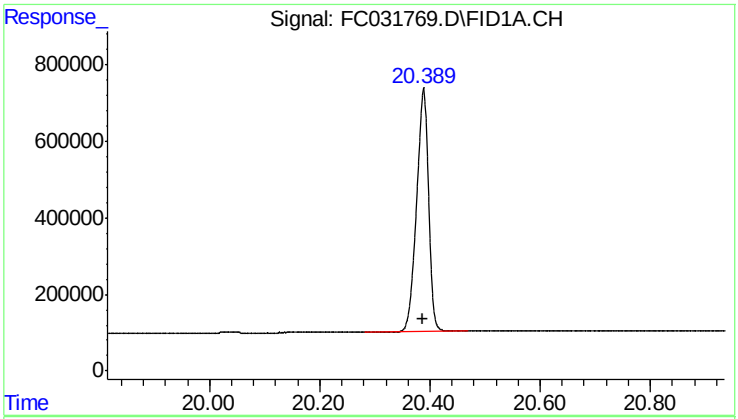
#19 n-Tetratriacontane (C34)

R.T.: 18.951 min
Delta R.T.: 0.000 min
Response: 10516352
Conc: 104.66 ug/ml



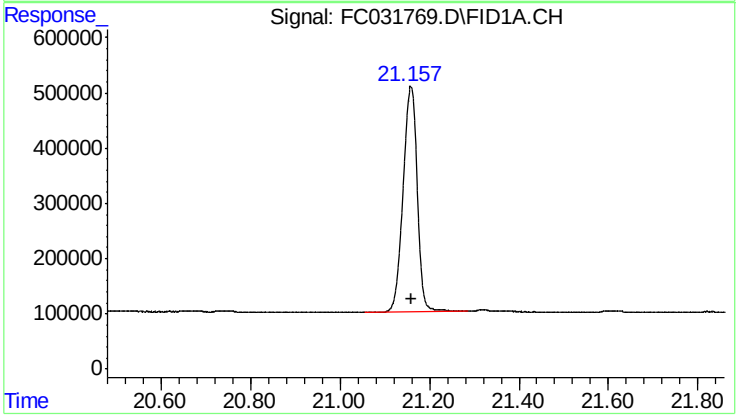
#20 n-Hexatriacontane (C36)

R.T.: 19.690 min
Delta R.T.: 0.000 min
Response: 10027678
Conc: 104.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.388 min
Delta R.T.: 0.000 min
Response: 9598085
Conc: 105.40 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.159 min
Delta R.T.: 0.000 min
Response: 8919367
Conc: 102.35 ug/ml