Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101419AL\
Data File : FD030998.D
Signal(s) : FID2B.CH
Acq On : 15 Oct 2019 3:02
Operator : DD\AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 60 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Oct 15 07:40:46 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 101419.M
Quant Title : GC Extractables
QLast Update : Tue Oct 15 07:37:19 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)	11.451	12503212	98.902 ug/ml
Spiked Amount	50.000		Recovery =	197.80%
12) S	1-chlorooctadecane (S...	12.876	9426194	99.235 ug/ml
Spiked Amount	50.000		Recovery =	198.47%
	Target Compounds			
1) T	n-Nonane (C9)	3.274	10762222	101.125 ug/ml
2) T	n-Decane (C10)	4.331	10802688	101.122 ug/ml
3) T	A~Naphthalene (C11.7)	5.900	12094615	102.403 ug/ml
4) T	n-Dodecane (C12)	6.334	10979463	101.049 ug/ml
5) T	A~2-methylnaphthalene...	6.950	12265662	104.404 ug/ml
6) T	n-Tetradecane (C14)	8.117	11019296	101.127 ug/ml
7) T	n-Hexadecane (C16)	9.707	11050605	100.832 ug/ml
8) T	n-Octadecane (C18)	11.139	11037768	99.702 ug/ml
10) T	n-Eicosane (C20)	12.437	10962974	98.988 ug/ml
11) T	n-Heneicosane (C21)	13.044	11003530	98.817 ug/ml
13) T	n-Docosane (C22)	13.626	10929176	98.613 ug/ml
14) T	n-Tetracosane (C24)	14.719	10910016	98.204 ug/ml
15) T	n-Hexacosane (C26)	15.730	10757048	97.894 ug/ml
16) T	n-Octacosane (C28)	16.672	10577637	96.992 ug/ml
17) T	n-Tricontane (C30)	17.552	10456764	96.630 ug/ml
18) T	n-Dotriacontane (C32)	18.376	10039998	95.752 ug/ml
19) T	n-Tetratriacontane (C34)	19.152	9742752	96.614 ug/ml
20) T	n-Hexatriacontane (C36)	19.884	9171571	96.488 ug/ml
21) T	n-Octatriacontane (C38)	20.586	8568835	96.546 ug/ml
22) T	n-Tetracontane (C40)	21.418	8648488	96.200 ug/ml

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

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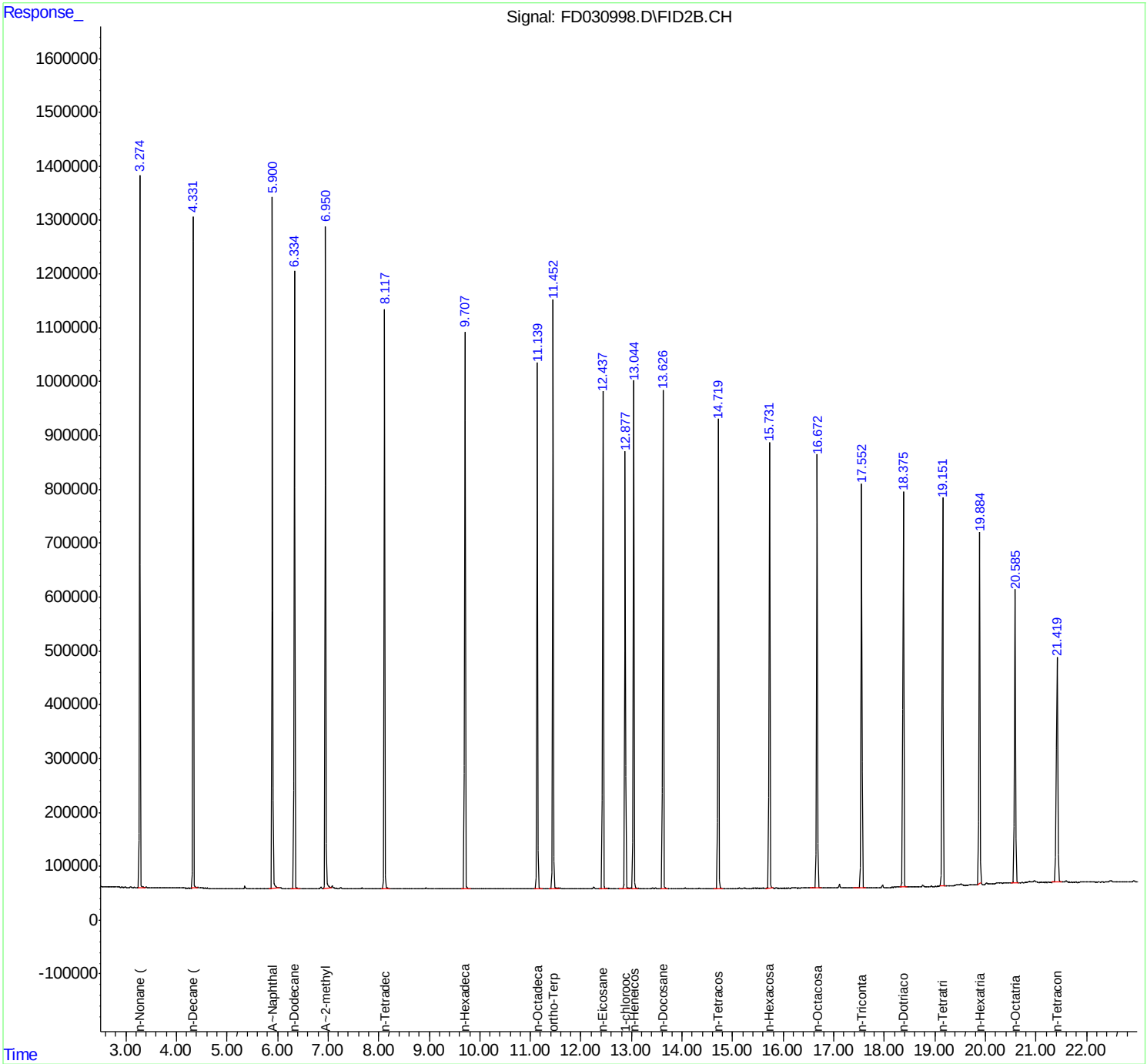
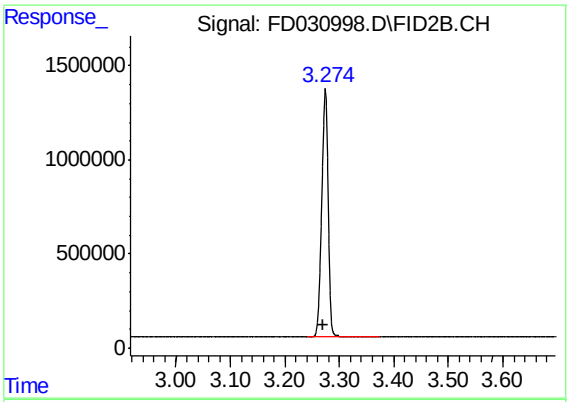
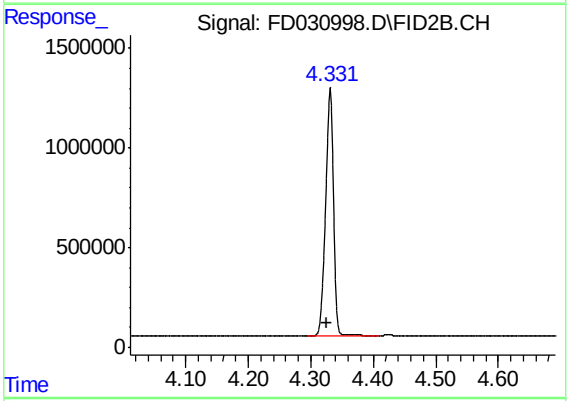
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





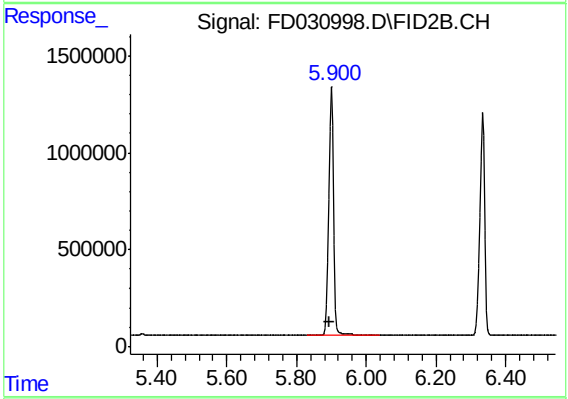
#1 n-Nonane (C9)

R.T.: 3.274 min
Delta R.T.: 0.003 min
Response: 10762222
Conc: 101.13 ug/ml



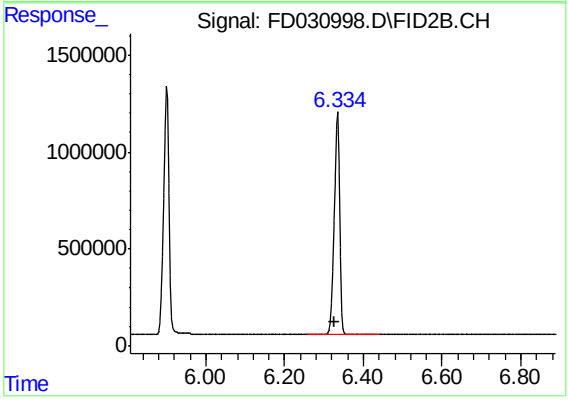
#2 n-Decane (C10)

R.T.: 4.331 min
Delta R.T.: 0.004 min
Response: 10802688
Conc: 101.12 ug/ml



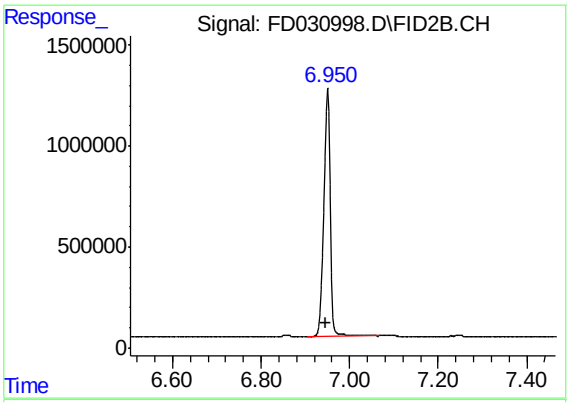
#3 A~Naphthalene (C11.7)

R.T.: 5.900 min
Delta R.T.: 0.004 min
Response: 12094615
Conc: 102.40 ug/ml



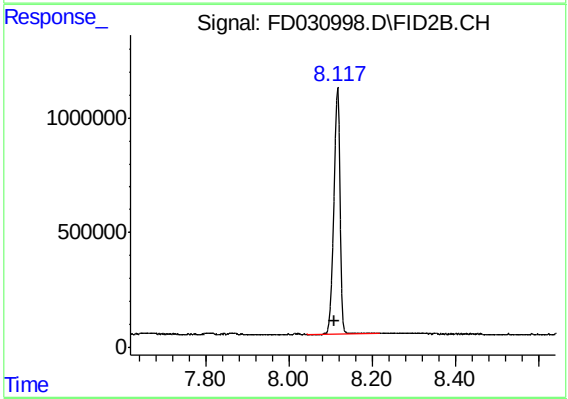
#4 n-Dodecane (C12)

R.T.: 6.334 min
Delta R.T.: 0.006 min
Response: 10979463
Conc: 101.05 ug/ml



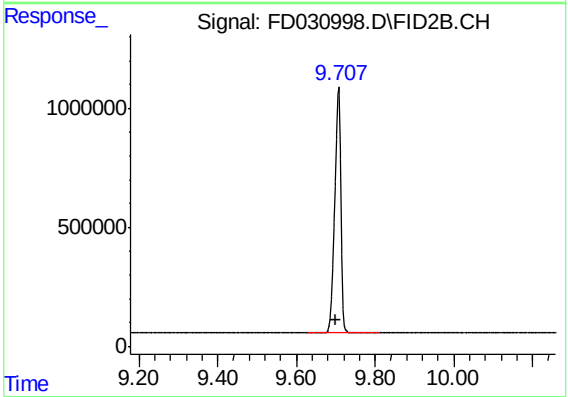
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.950 min
Delta R.T.: 0.005 min
Response: 12265662
Conc: 104.40 ug/ml



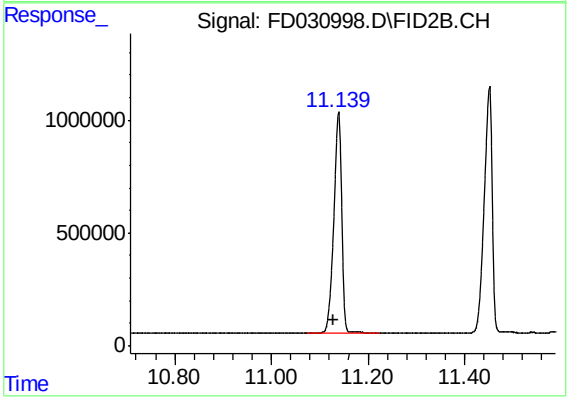
#6 n-Tetradecane (C14)

R.T.: 8.117 min
Delta R.T.: 0.006 min
Response: 11019296
Conc: 101.13 ug/ml



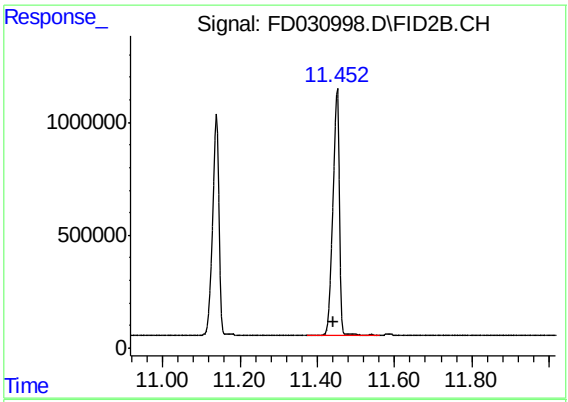
#7 n-Hexadecane (C16)

R.T.: 9.707 min
Delta R.T.: 0.008 min
Response: 11050605
Conc: 100.83 ug/ml



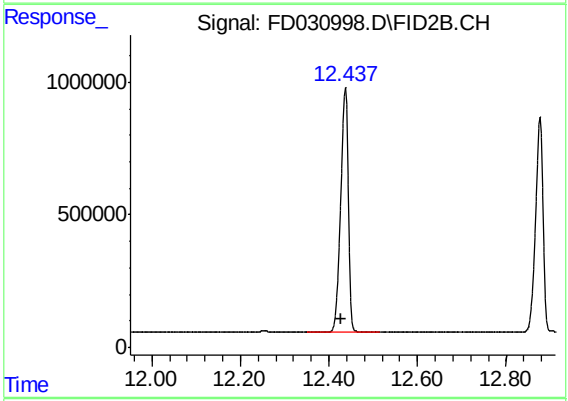
#8 n-Octadecane (C18)

R.T.: 11.139 min
Delta R.T.: 0.009 min
Response: 11037768
Conc: 99.70 ug/ml



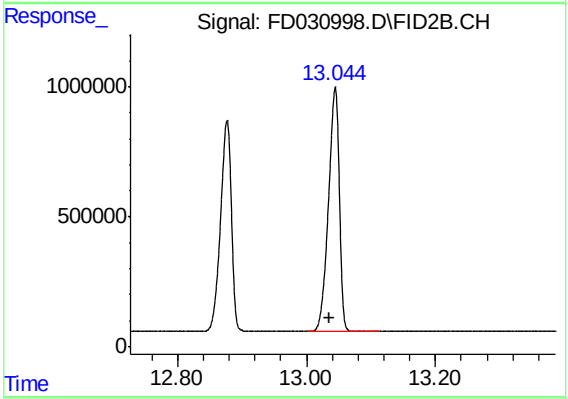
#9 ortho-Terphenyl (SURR)

R.T.: 11.451 min
Delta R.T.: 0.011 min
Response: 12503212
Conc: 98.90 ug/ml



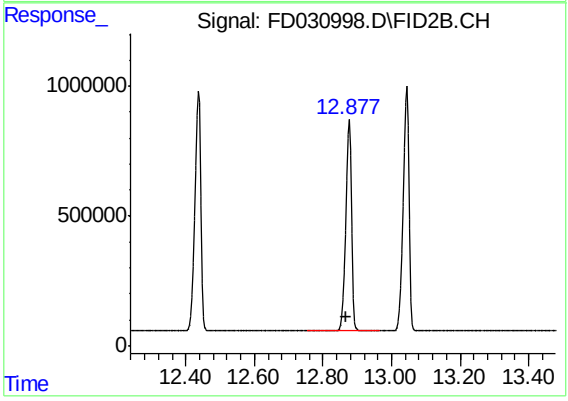
#10 n-Eicosane (C20)

R.T.: 12.437 min
Delta R.T.: 0.009 min
Response: 10962974
Conc: 98.99 ug/ml



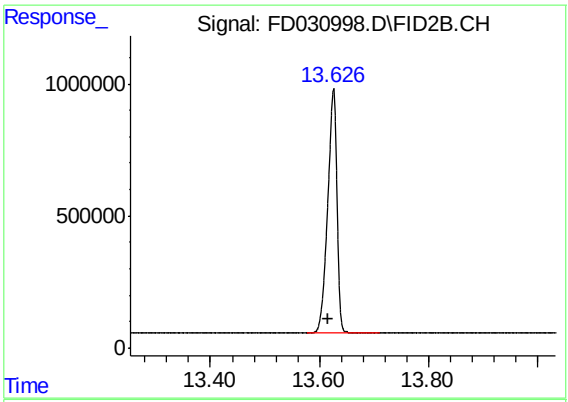
#11 n-Heneicosane (C21)

R.T.: 13.044 min
Delta R.T.: 0.009 min
Response: 11003530
Conc: 98.82 ug/ml



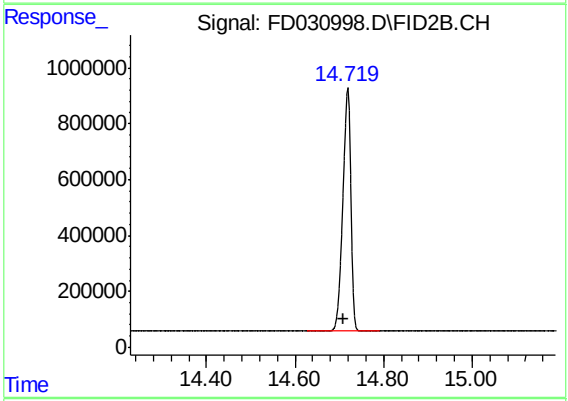
#12 1-chlorooctadecane (SURR)

R.T.: 12.876 min
Delta R.T.: 0.009 min
Response: 9426194
Conc: 99.23 ug/ml



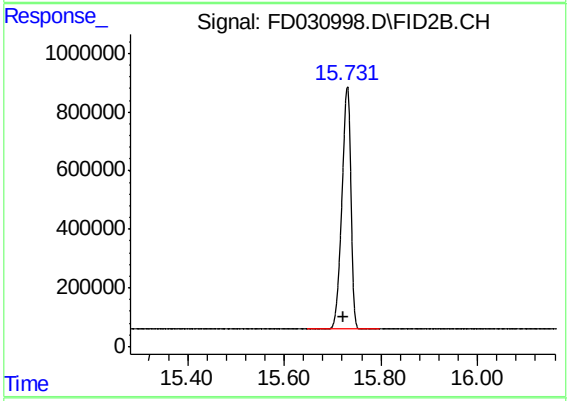
#13 n-Docosane (C22)

R.T.: 13.626 min
Delta R.T.: 0.009 min
Response: 10929176
Conc: 98.61 ug/ml



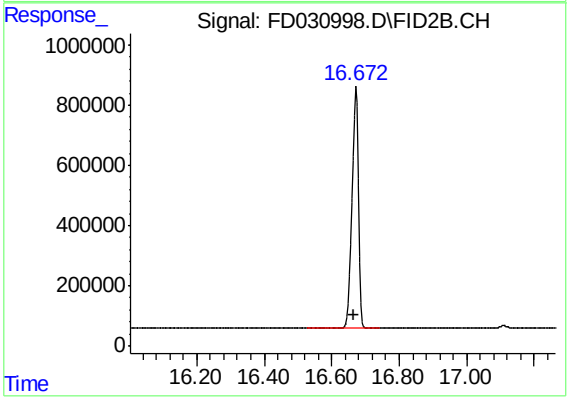
#14 n-Tetracosane (C24)

R.T.: 14.719 min
Delta R.T.: 0.009 min
Response: 10910016
Conc: 98.20 ug/ml



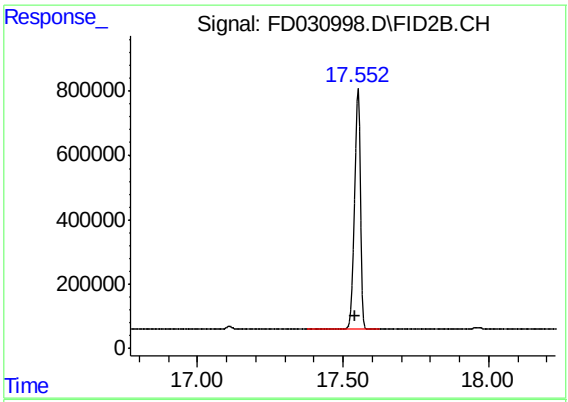
#15 n-Hexacosane (C26)

R.T.: 15.730 min
Delta R.T.: 0.008 min
Response: 10757048
Conc: 97.89 ug/ml



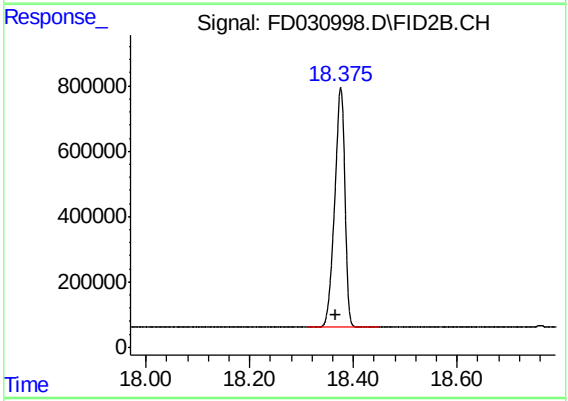
#16 n-Octacosane (C28)

R.T.: 16.672 min
Delta R.T.: 0.008 min
Response: 10577637
Conc: 96.99 ug/ml



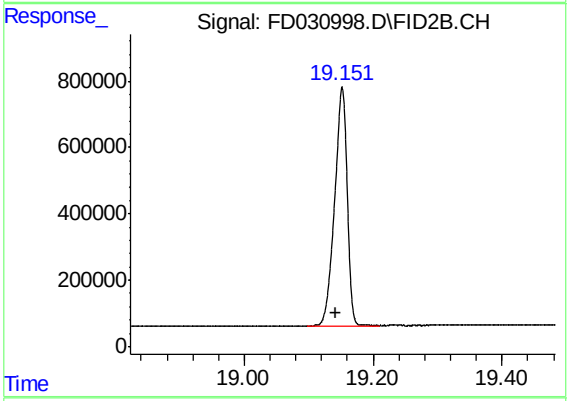
#17 n-Tricontane (C30)

R.T.: 17.552 min
Delta R.T.: 0.009 min
Response: 10456764
Conc: 96.63 ug/ml



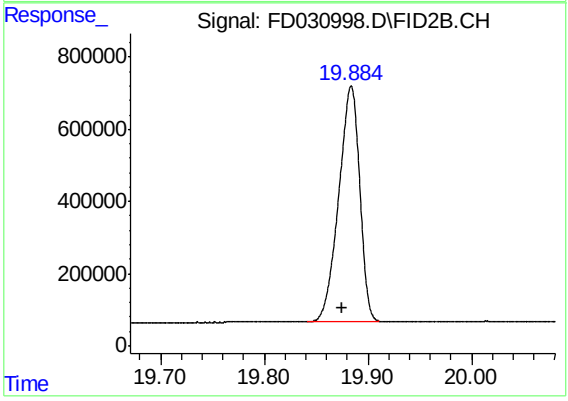
#18 n-Dotriacontane (C32)

R.T.: 18.376 min
Delta R.T.: 0.009 min
Response: 10039998
Conc: 95.75 ug/ml



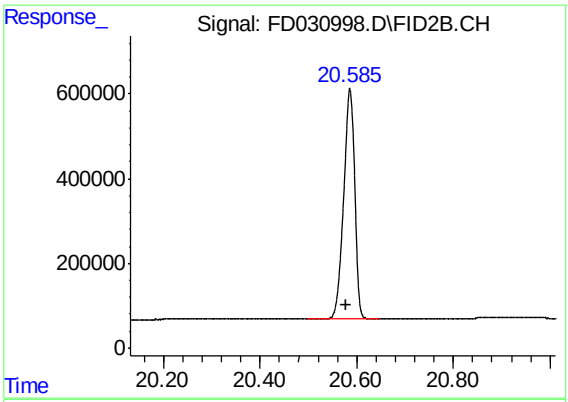
#19 n-Tetratriacontane (C34)

R.T.: 19.152 min
Delta R.T.: 0.009 min
Response: 9742752
Conc: 96.61 ug/ml



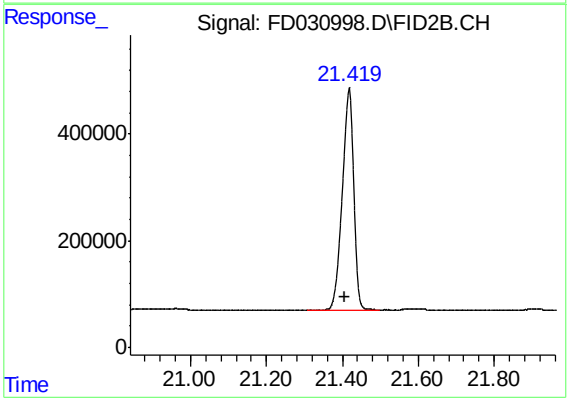
#20 n-Hexatriacontane (C36)

R.T.: 19.884 min
Delta R.T.: 0.009 min
Response: 9171571
Conc: 96.49 ug/ml



#21 n-Octatriacontane (C38)

R.T.:	20.586 min
Delta R.T.:	0.008 min
Response:	8568835
Conc:	96.55 ug/ml



#22 n-Tetracontane (C40)

R.T.:	21.418 min
Delta R.T.:	0.011 min
Response:	8648488
Conc:	96.20 ug/ml