

Data Path : X:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020619AL\
 Data File : FC039006.D
 Signal(s) : FID1A.CH
 Acq On : 06 Feb 2019 17:50
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Feb 07 03:27:05 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 020619.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 07 03:09:34 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)	11.242	16657607	106.543 ug/ml
Spiked Amount 50.000		Recovery =	213.09%
12) S 1-chlorooctadecane (S...	12.682	12265979	104.027 ug/ml
Spiked Amount 50.000		Recovery =	208.05%
Target Compounds			
1) T n-Nonane (C9)	3.085	10977471	105.764 ug/ml
2) T n-Decane (C10)	4.139	11274674	109.382 ug/ml
3) T A-Naphthalene (C11.7)	5.695	13134304	117.049 ug/ml
4) T n-Dodecane (C12)	6.142	11826738	111.934 ug/ml
5) T A~2-methylnaphthalene...	6.744	13487732	121.295 ug/ml
6) T n-Tetradecane (C14)	7.923	12490445	114.703 ug/ml
7) T n-Hexadecane (C16)	9.511	12712821	113.025 ug/ml
8) T n-Octadecane (C18)	10.945	12622198	107.812 ug/ml
10) T n-Eicosane (C20)	12.244	12408204	104.193 ug/ml
11) T n-Heneicosane (C21)	12.852	12174670	103.449 ug/ml
13) T n-Docosane (C22)	13.435	12038865	102.139 ug/ml
14) T n-Tetracosane (C24)	14.532	11785393	99.937 ug/ml
15) T n-Hexacosane (C26)	15.547	11482367	98.755 ug/ml
16) T n-Octacosane (C28)	16.492	11290820	96.881 ug/ml
17) T n-Tricontane (C30)	17.375	11036553	95.093 ug/ml
18) T n-Dotriacontane (C32)	18.202	10581305	97.298 ug/ml
19) T n-Tetratriacontane (C34)	18.981	9401486	101.510 ug/ml
20) T n-Hexatriacontane (C36)	19.718	8402318	105.782 ug/ml
21) T n-Octatriacontane (C38)	20.414	7831585	106.635 ug/ml
22) T n-Tetracontane (C40)	21.204	7624815	102.189 ug/ml

(f)=RT Delta > 1/2 Window

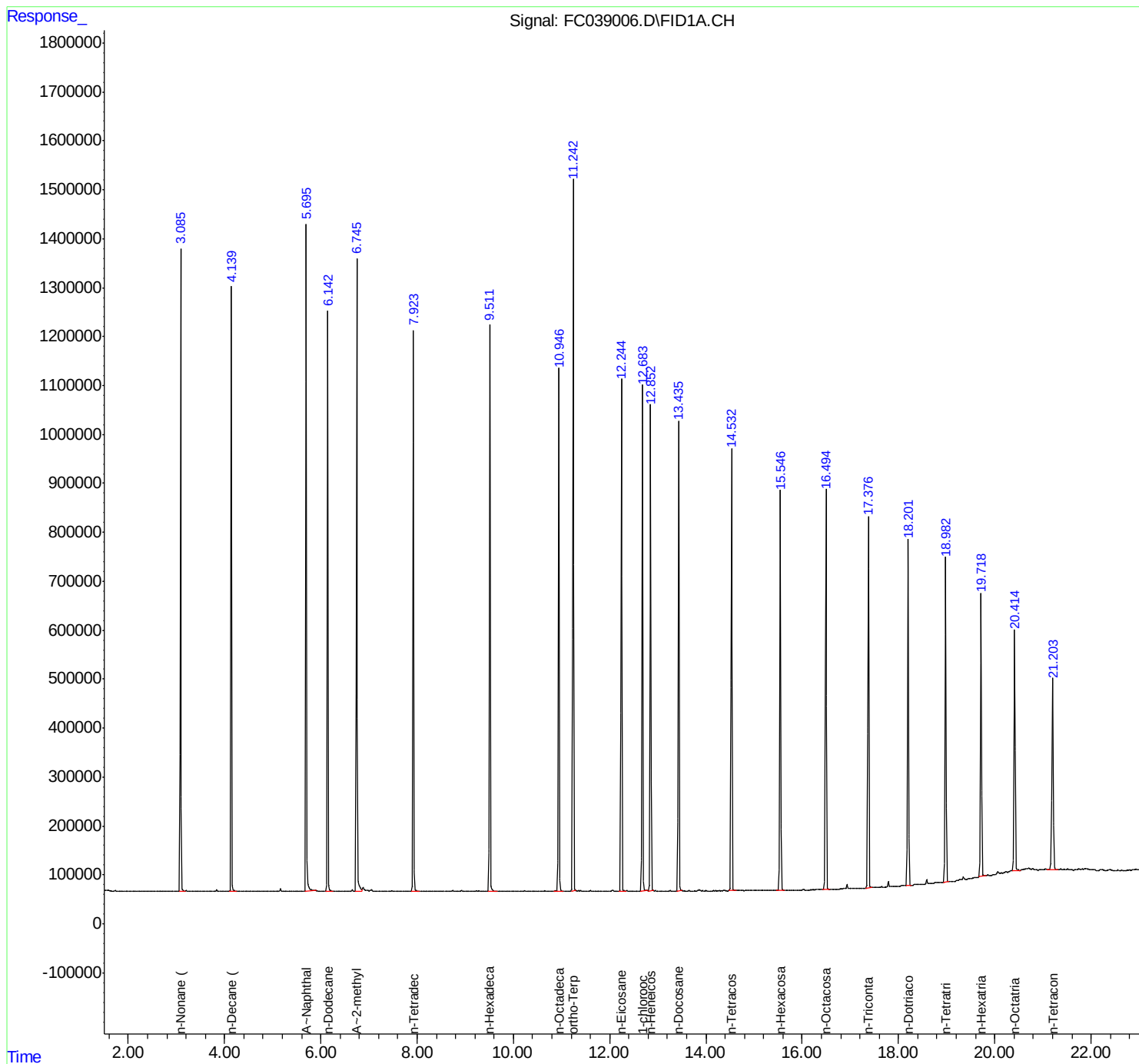
(m)=manual int.

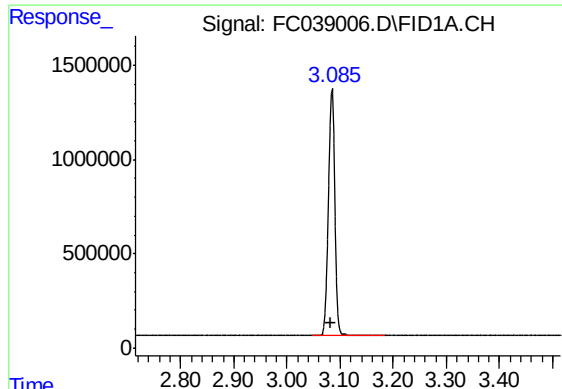
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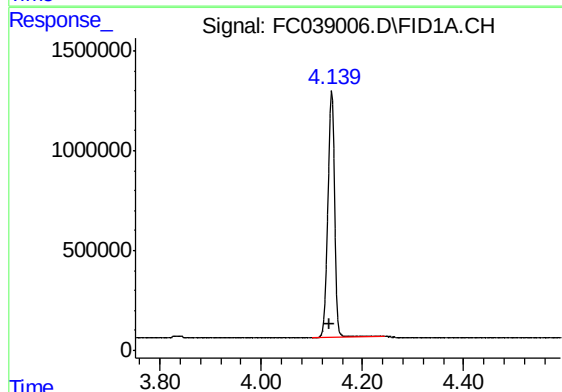




#1 n-Nonane (C9)

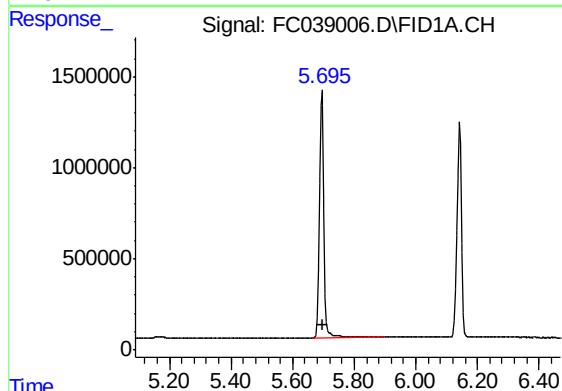
R.T.: 3.085 min
Delta R.T.: 0.002 min
Response: 10977471
Conc: 105.76 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



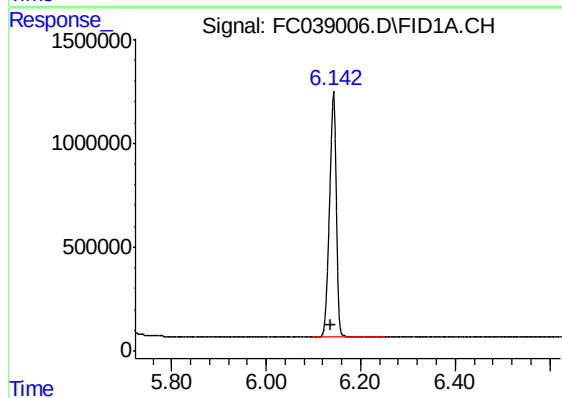
#2 n-Decane (C10)

R.T.: 4.139 min
Delta R.T.: 0.004 min
Response: 11274674
Conc: 109.38 ug/ml



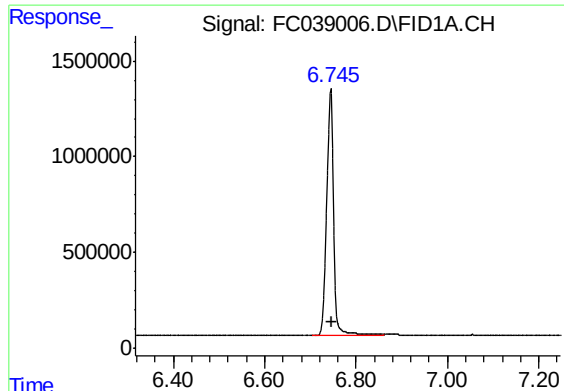
#3 A~Naphthalene (C11.7)

R.T.: 5.695 min
Delta R.T.: -0.004 min
Response: 13134304
Conc: 117.05 ug/ml



#4 n-Dodecane (C12)

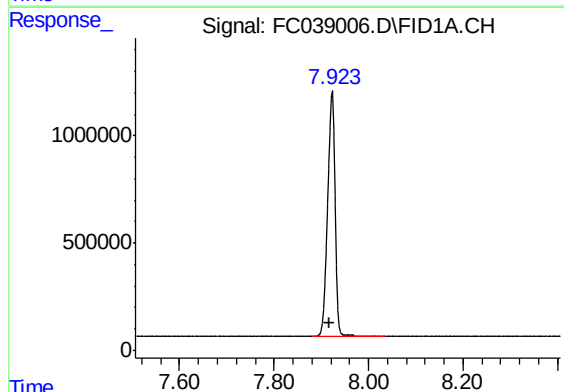
R.T.: 6.142 min
Delta R.T.: 0.005 min
Response: 11826738
Conc: 111.93 ug/ml



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

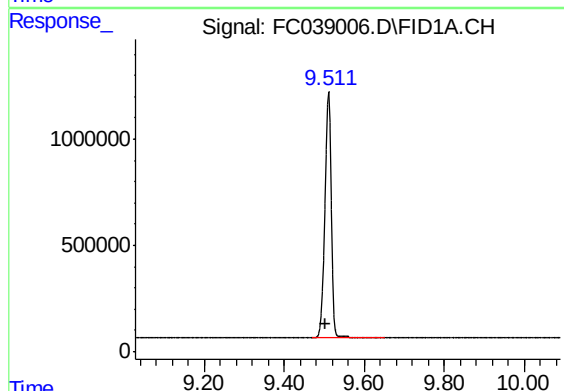
R.T.: 6.744 min
Delta R.T.: -0.002 min
Response: 13487732
Conc: 121.30 ug/ml

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20 PPM ALIPHATIC HC STD



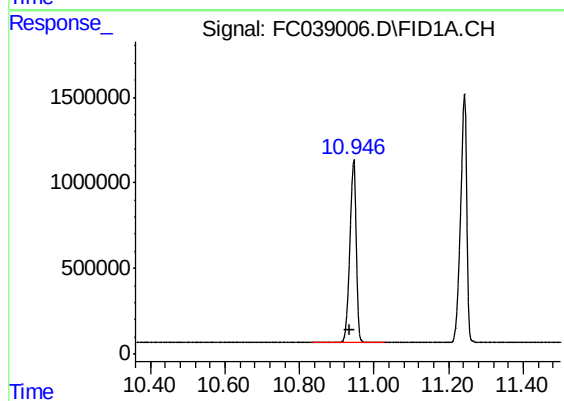
#6 n-Tetradecane (C14)

R.T.: 7.923 min
Delta R.T.: 0.006 min
Response: 12490445
Conc: 114.70 ug/ml



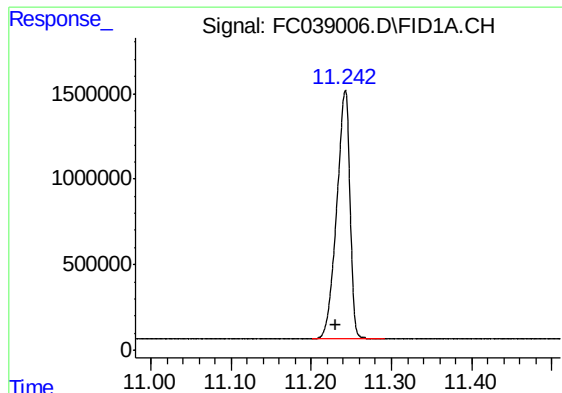
#7 n-Hexadecane (C16)

R.T.: 9.511 min
Delta R.T.: 0.006 min
Response: 12712821
Conc: 113.02 ug/ml



#8 n-Octadecane (C18)

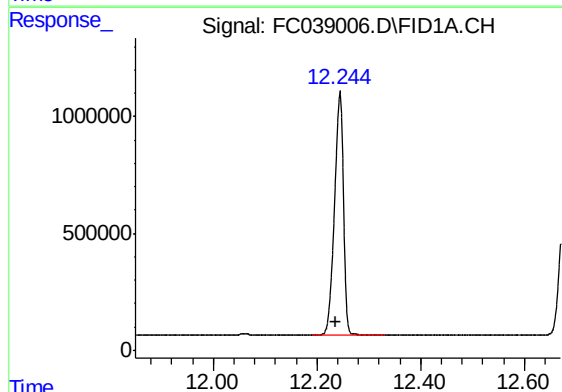
R.T.: 10.945 min
Delta R.T.: 0.009 min
Response: 12622198
Conc: 107.81 ug/ml



#9 ortho-Terphenyl (SURR)

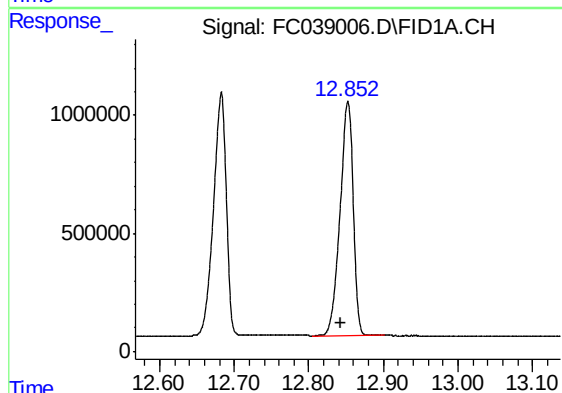
R.T.: 11.242 min
Delta R.T.: 0.011 min
Response: 16657607
Conc: 106.54 ug/ml

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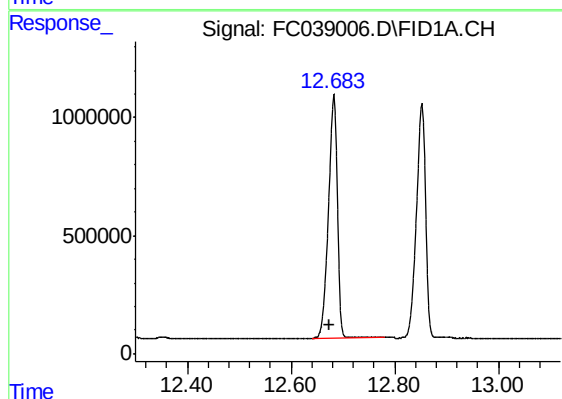
#10 n-Eicosane (C20)

R.T.: 12.244 min
Delta R.T.: 0.008 min
Response: 12408204
Conc: 104.19 ug/ml



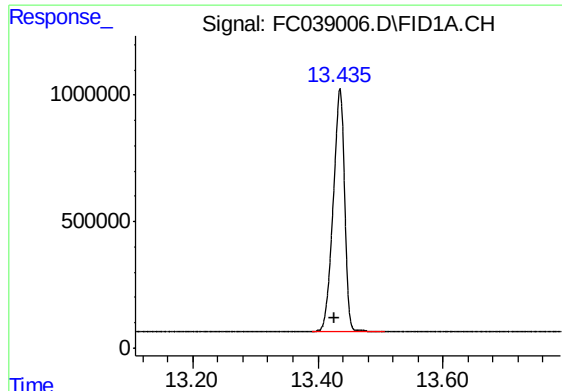
#11 n-Heneicosane (C21)

R.T.: 12.852 min
Delta R.T.: 0.009 min
Response: 12174670
Conc: 103.45 ug/ml



#12 1-chlorooctadecane (SURR)

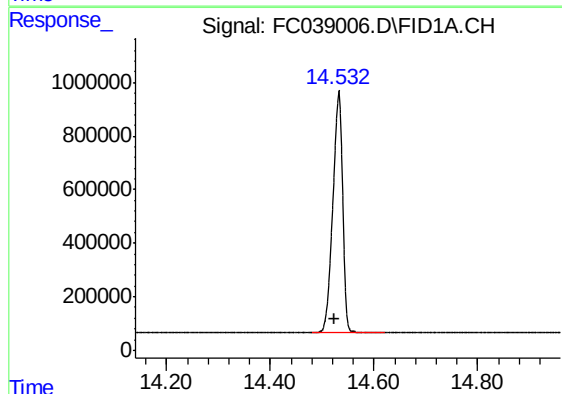
R.T.: 12.682 min
Delta R.T.: 0.008 min
Response: 12265979
Conc: 104.03 ug/ml



#13 n-Docosane (C22)

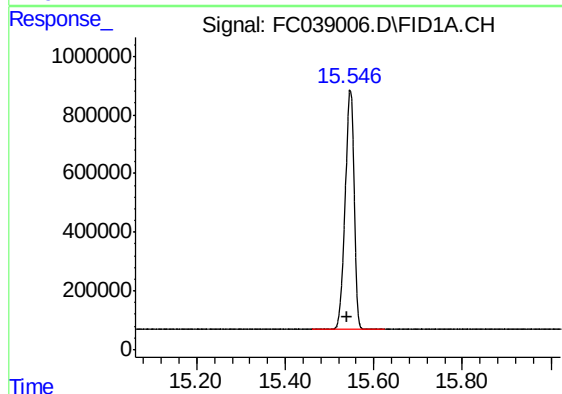
R.T.: 13.435 min
Delta R.T.: 0.008 min
Response: 12038865
Conc: 102.14 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



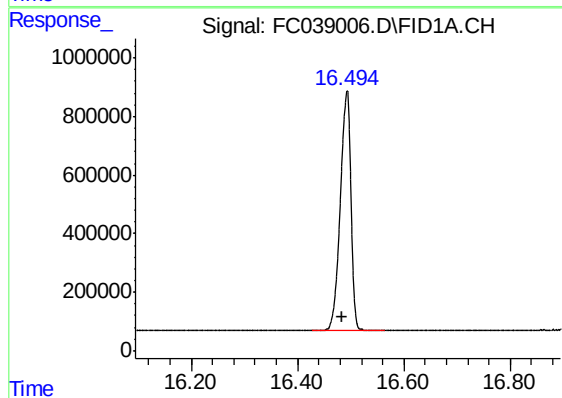
#14 n-Tetracosane (C24)

R.T.: 14.532 min
Delta R.T.: 0.008 min
Response: 11785393
Conc: 99.94 ug/ml



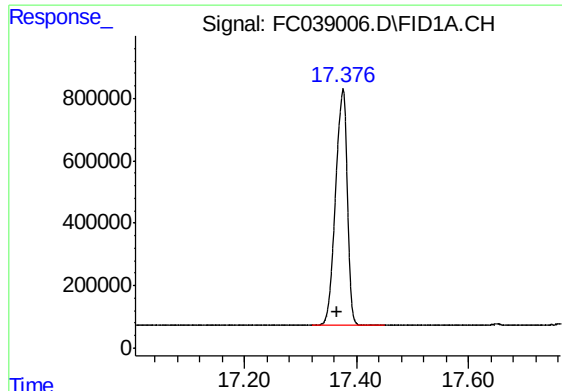
#15 n-Hexacosane (C26)

R.T.: 15.547 min
Delta R.T.: 0.008 min
Response: 11482367
Conc: 98.75 ug/ml



#16 n-Octacosane (C28)

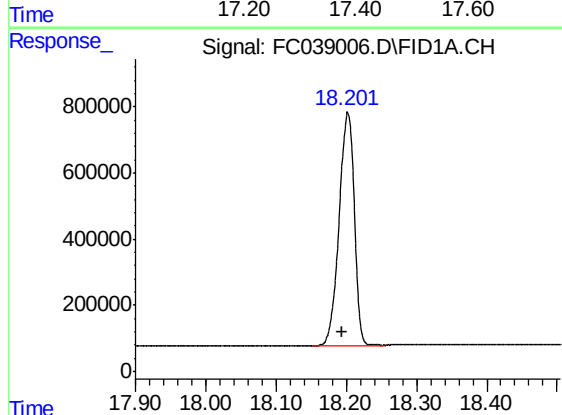
R.T.: 16.492 min
Delta R.T.: 0.010 min
Response: 11290820
Conc: 96.88 ug/ml



#17 n-Tricontane (C30)

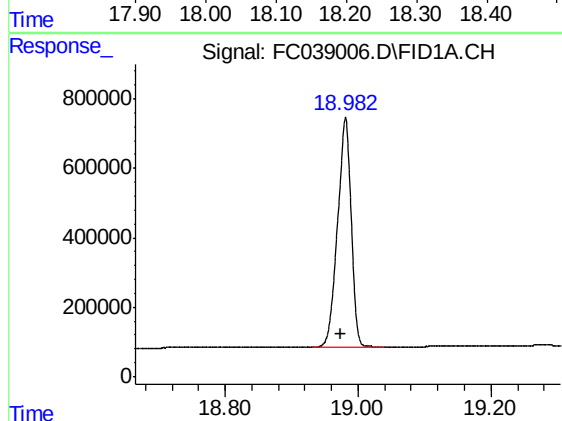
R.T.: 17.375 min
Delta R.T.: 0.009 min
Response: 11036553
Conc: 95.09 ug/ml

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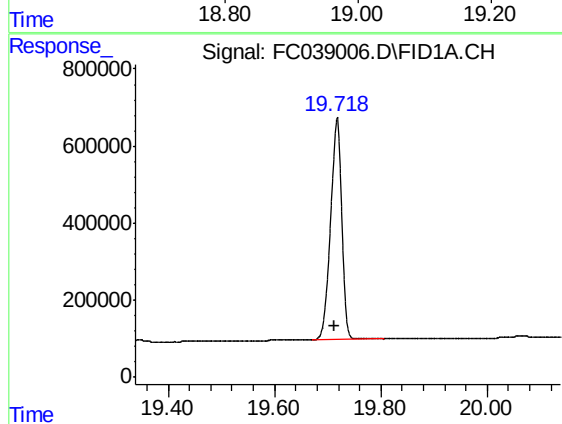
#18 n-Dotriacontane (C32)

R.T.: 18.202 min
Delta R.T.: 0.008 min
Response: 10581305
Conc: 97.30 ug/ml



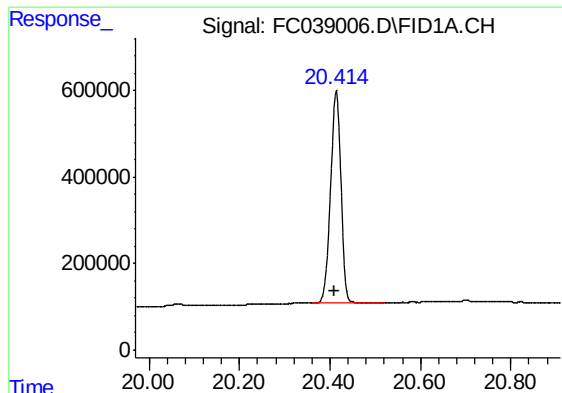
#19 n-Tetratriacontane (C34)

R.T.: 18.981 min
Delta R.T.: 0.006 min
Response: 9401486
Conc: 101.51 ug/ml



#20 n-Hexatriacontane (C36)

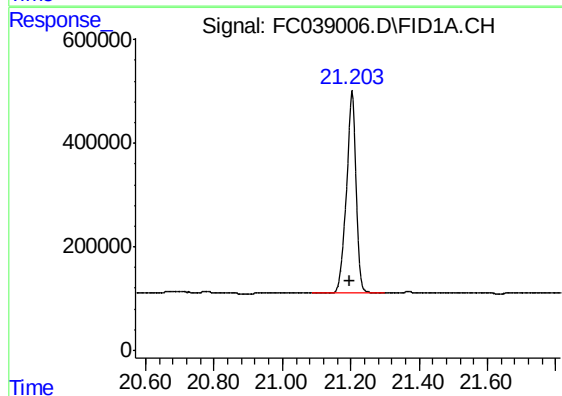
R.T.: 19.718 min
Delta R.T.: 0.006 min
Response: 8402318
Conc: 105.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.414 min
Delta R.T.: 0.005 min
Response: 7831585
Conc: 106.64 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.204 min
Delta R.T.: 0.006 min
Response: 7624815
Conc: 102.19 ug/ml