

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041521AL\
 Data File : FD036937.D
 Signal(s) : FID2B.CH
 Acq On : 15 Apr 2021 19:51
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Apr 16 02:25:06 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 09:10:29 2021
 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)	11.485	2629640	17.747 ug/ml
Spiked Amount 50.000		Recovery =	35.49%
12) S 1-chlorooctadecane (S...	12.918	2014436	17.309 ug/ml
Spiked Amount 50.000		Recovery =	34.62%
Target Compounds			
1) T n-Nonane (C9)	3.283	2584311	20.330 ug/ml
2) T n-Decane (C10)	4.344	2635755	20.455 ug/ml
3) T A~Naphthalene (C11.7)	5.918	2929754	20.066 ug/ml
4) T n-Dodecane (C12)	6.355	2710949	20.450 ug/ml
5) T A~2-methylnaphthalene...	6.971	2965012	19.803 ug/ml
6) T n-Tetradecane (C14)	8.143	2687130	19.770 ug/ml
7) T n-Hexadecane (C16)	9.738	2579638	19.370 ug/ml
8) T n-Octadecane (C18)	11.173	2584986	18.662 ug/ml
10) T n-Eicosane (C20)	12.476	2472442	17.886 ug/ml
11) T n-Heneicosane (C21)	13.085	2399893	17.432 ug/ml
13) T n-Docosane (C22)	13.669	2343264	17.227 ug/ml
14) T n-Tetracosane (C24)	14.766	2237649	16.878 ug/ml
15) T n-Hexacosane (C26)	15.782	2140210	16.903 ug/ml
16) T n-Octacosane (C28)	16.727	2088139	17.314 ug/ml
17) T n-Tricontane (C30)	17.610	2066391	17.988 ug/ml
18) T n-Dotriacontane (C32)	18.437	2032677	18.481 ug/ml
19) T n-Tetratriacontane (C34)	19.216	2007624	19.548 ug/ml
20) T n-Hexatriacontane (C36)	19.950	1962626	20.087 ug/ml
21) T n-Octatriacontane (C38)	20.661	1903395	20.587 ug/ml
22) T n-Tetracontane (C40)	21.510	1971827	19.549 ug/ml

(f)=RT Delta > 1/2 Window

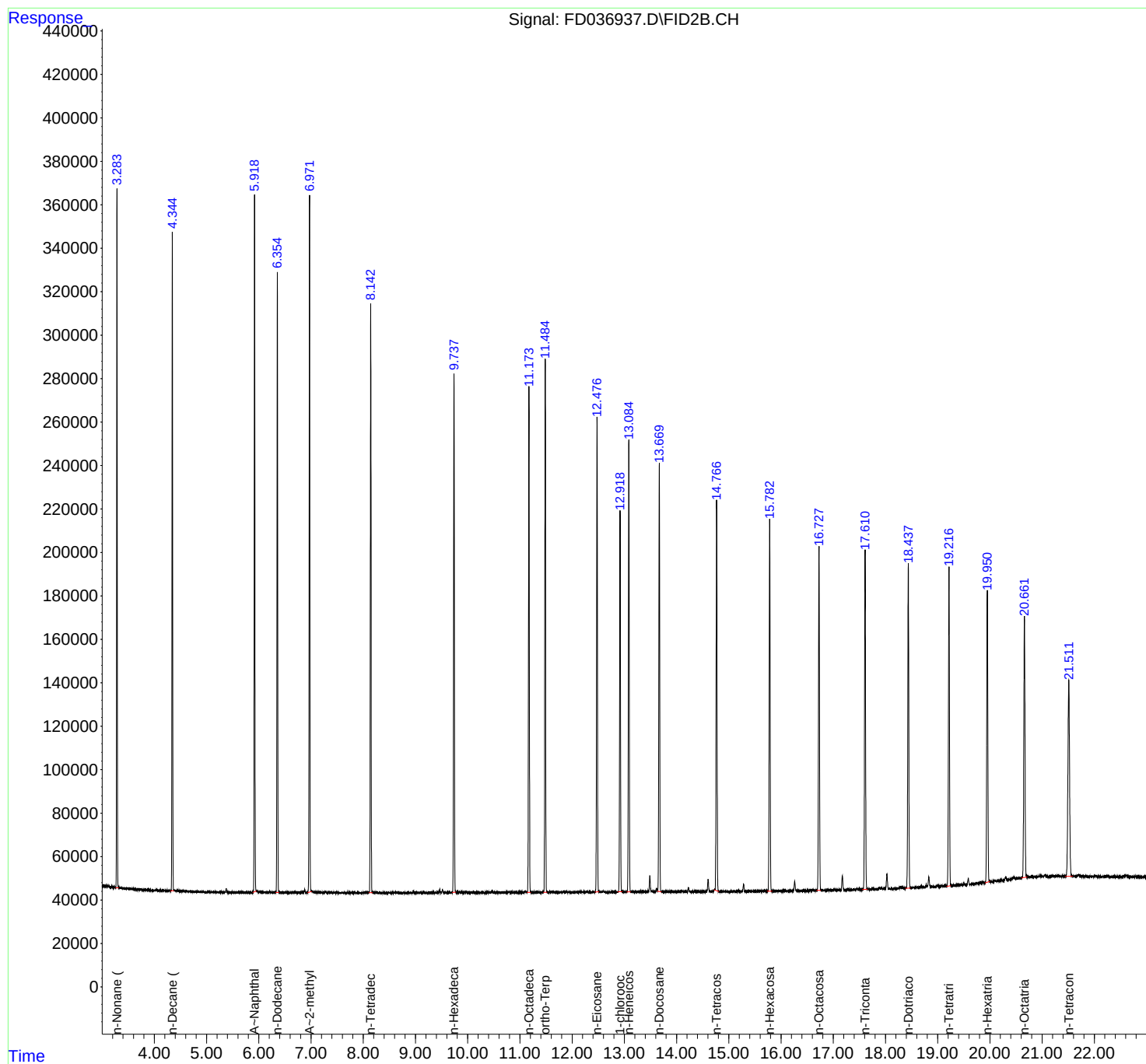
(m)=manual int.

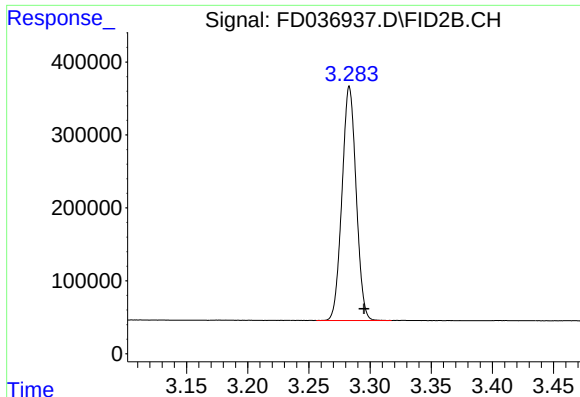
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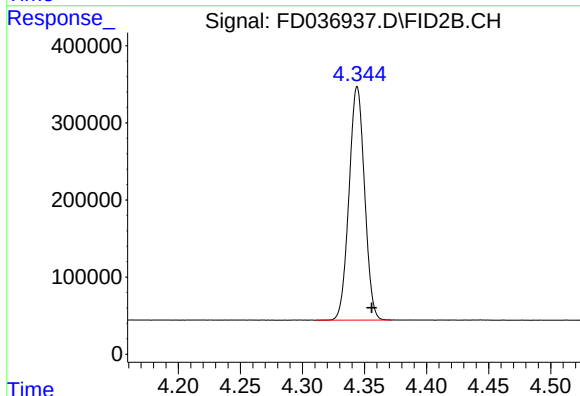




#1 n-Nonane (C9)

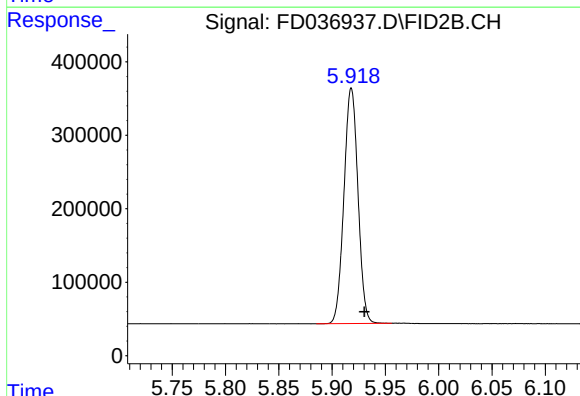
R.T.: 3.283 min
Delta R.T.: -0.012 min
Response: 2584311
Conc: 20.33 ug/ml

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20 PPM ALIPHATIC HC STD



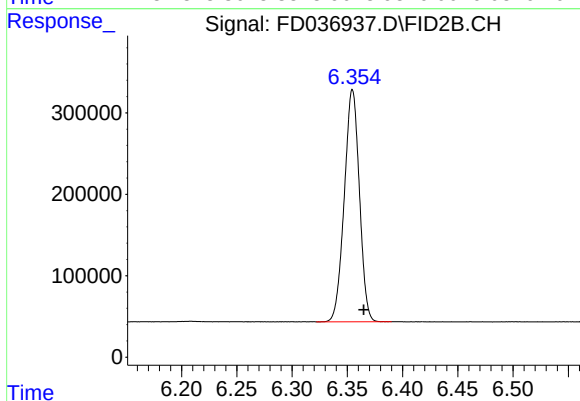
#2 n-Decane (C10)

R.T.: 4.344 min
Delta R.T.: -0.012 min
Response: 2635755
Conc: 20.46 ug/ml



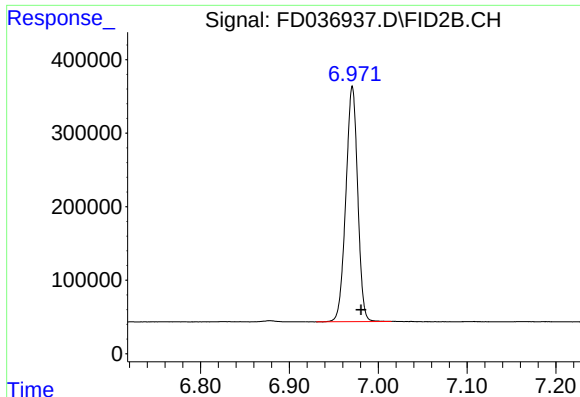
#3 A~Naphthalene (C11.7)

R.T.: 5.918 min
Delta R.T.: -0.012 min
Response: 2929754
Conc: 20.07 ug/ml



#4 n-Dodecane (C12)

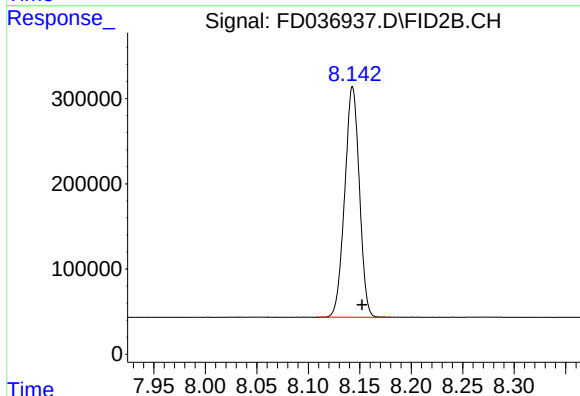
R.T.: 6.355 min
Delta R.T.: -0.010 min
Response: 2710949
Conc: 20.45 ug/ml



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

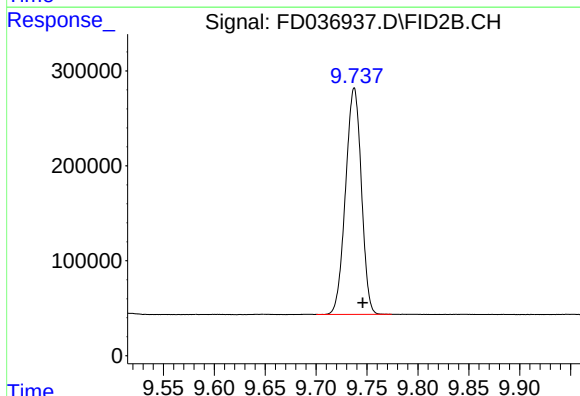
R.T.: 6.971 min
Delta R.T.: -0.010 min
Response: 2965012
Conc: 19.80 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



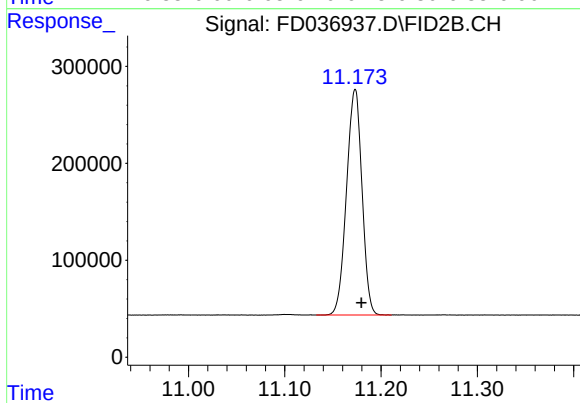
#6 n-Tetradecane (C14)

R.T.: 8.143 min
Delta R.T.: -0.009 min
Response: 2687130
Conc: 19.77 ug/ml



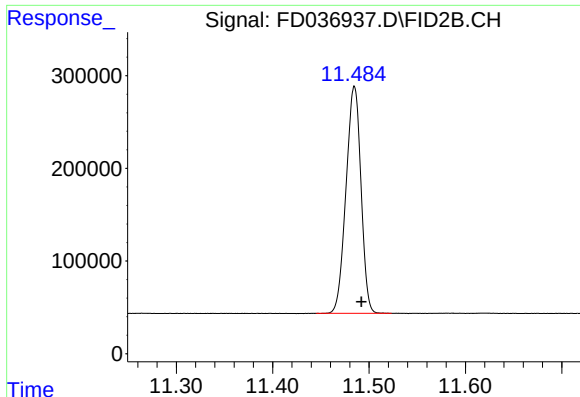
#7 n-Hexadecane (C16)

R.T.: 9.738 min
Delta R.T.: -0.008 min
Response: 2579638
Conc: 19.37 ug/ml



#8 n-Octadecane (C18)

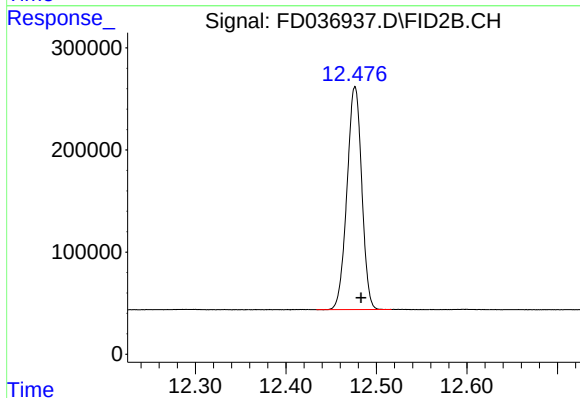
R.T.: 11.173 min
Delta R.T.: -0.006 min
Response: 2584986
Conc: 18.66 ug/ml



#9 ortho-Terphenyl (SURR)

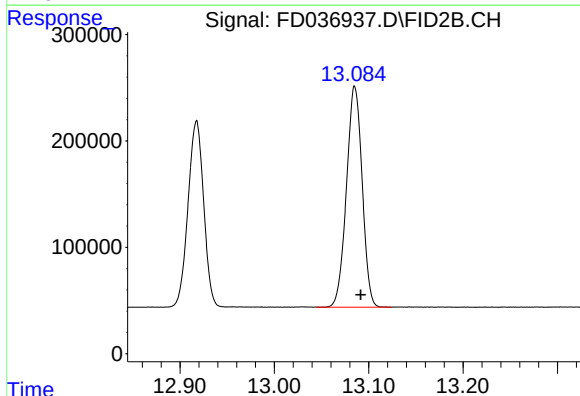
R.T.: 11.485 min
Delta R.T.: -0.007 min
Response: 2629640
Conc: 17.75 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



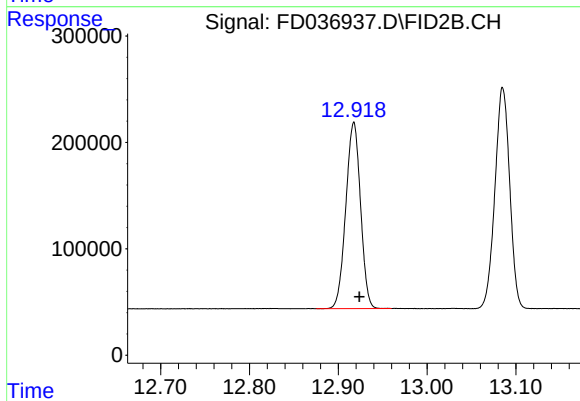
#10 n-Eicosane (C20)

R.T.: 12.476 min
Delta R.T.: -0.007 min
Response: 2472442
Conc: 17.89 ug/ml



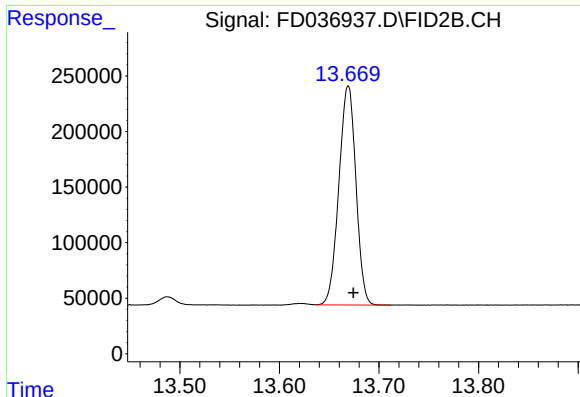
#11 n-Heneicosane (C21)

R.T.: 13.085 min
Delta R.T.: -0.006 min
Response: 2399893
Conc: 17.43 ug/ml



#12 1-chlorooctadecane (SURR)

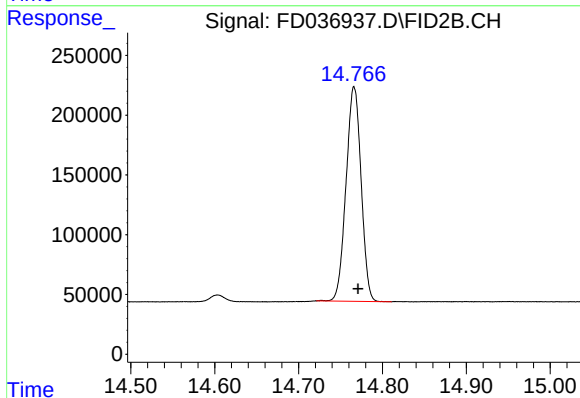
R.T.: 12.918 min
Delta R.T.: -0.006 min
Response: 2014436
Conc: 17.31 ug/ml



#13 n-Docosane (C22)

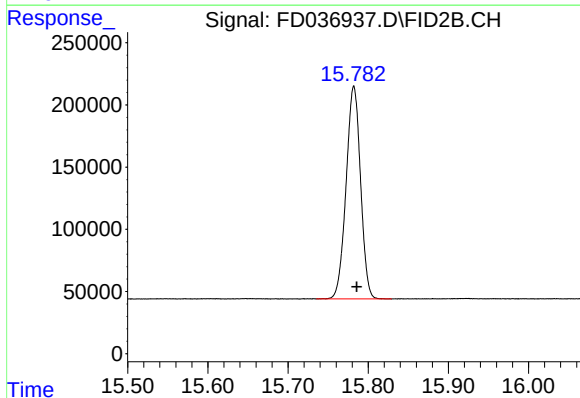
R.T.: 13.669 min
Delta R.T.: -0.005 min
Response: 2343264
Conc: 17.23 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



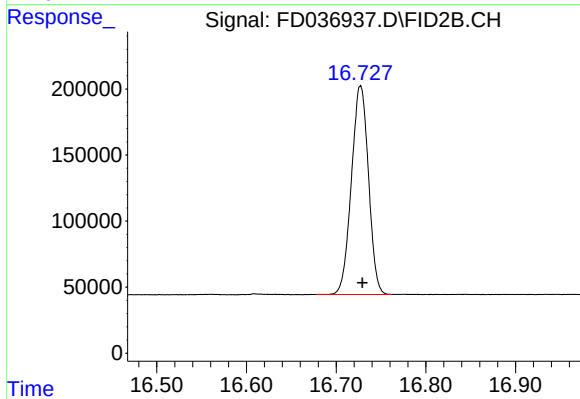
#14 n-Tetracosane (C24)

R.T.: 14.766 min
Delta R.T.: -0.005 min
Response: 2237649
Conc: 16.88 ug/ml



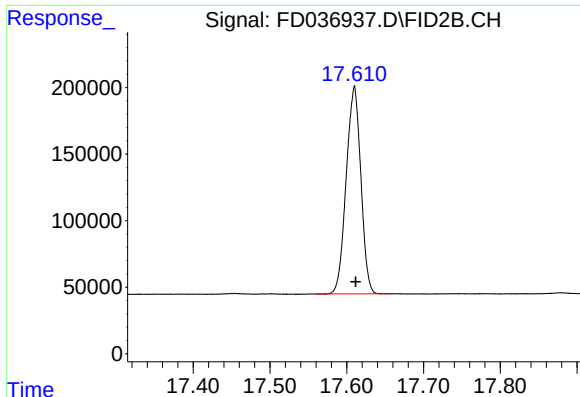
#15 n-Hexacosane (C26)

R.T.: 15.782 min
Delta R.T.: -0.003 min
Response: 2140210
Conc: 16.90 ug/ml



#16 n-Octacosane (C28)

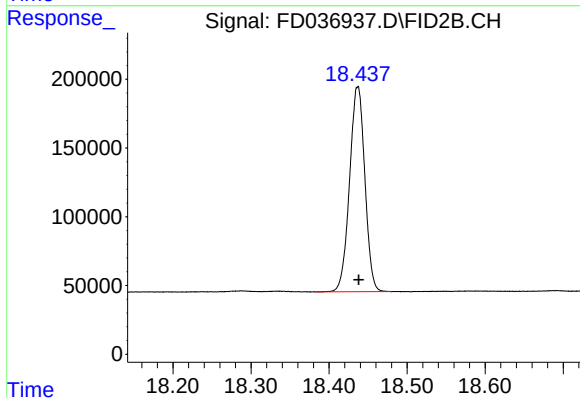
R.T.: 16.727 min
Delta R.T.: -0.002 min
Response: 2088139
Conc: 17.31 ug/ml



#17 n-Tricontane (C30)

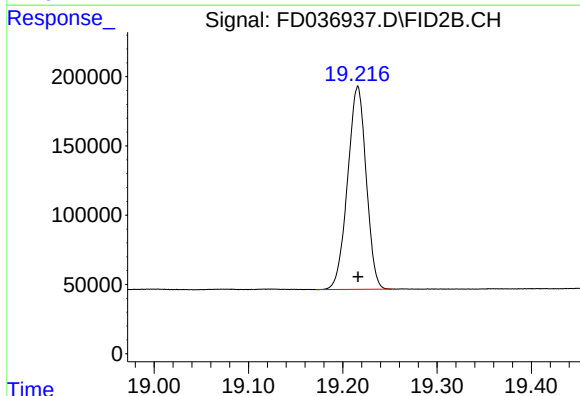
R.T.: 17.610 min
Delta R.T.: -0.002 min
Response: 2066391
Conc: 17.99 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



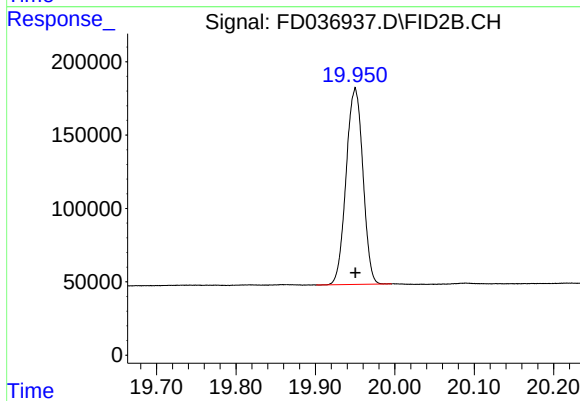
#18 n-Dotriacontane (C32)

R.T.: 18.437 min
Delta R.T.: -0.001 min
Response: 2032677
Conc: 18.48 ug/ml



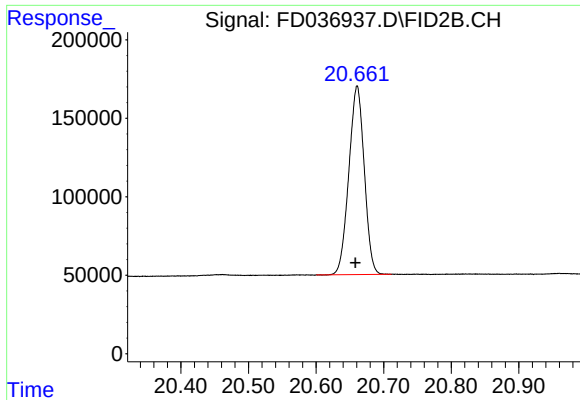
#19 n-Tetratriacontane (C34)

R.T.: 19.216 min
Delta R.T.: 0.000 min
Response: 2007624
Conc: 19.55 ug/ml



#20 n-Hexatriacontane (C36)

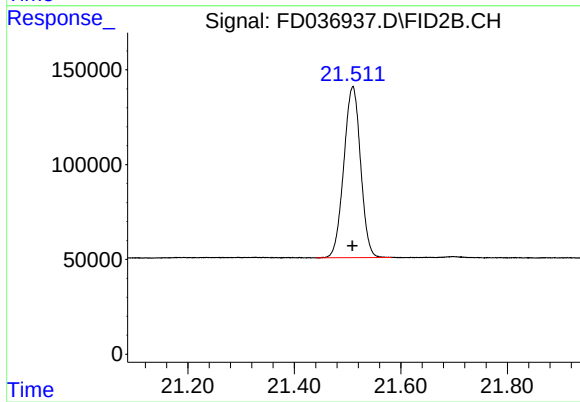
R.T.: 19.950 min
Delta R.T.: 0.000 min
Response: 1962626
Conc: 20.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.661 min
Delta R.T.: 0.003 min
Response: 1903395
Conc: 20.59 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.510 min
Delta R.T.: 0.000 min
Response: 1971827
Conc: 19.55 ug/ml