

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092921AL\
 Data File : FD038954.D
 Signal(s) : FID2B.CH
 Acq On : 29 Sep 2021 16:48
 Operator : AJ\MA
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Sep 30 02:01:39 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 02:00:42 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)	11.690	13956324	99.094 ug/ml
Spiked Amount 50.000		Recovery =	198.19%
12) S 1-chlorooctadecane (S...	13.113	11037547	98.968 ug/ml
Spiked Amount 50.000		Recovery =	197.94%
Target Compounds			
1) T n-Nonane (C9)	3.445	12342468	98.270 ug/ml
2) T n-Decane (C10)	4.515	12489470	98.350 ug/ml
3) T A~Naphthalene (C11.7)	6.108	13961817	98.578 ug/ml
4) T n-Dodecane (C12)	6.532	12571064	98.743 ug/ml
5) T A~2-methylnaphthalene...	7.165	14097505	99.013 ug/ml
6) T n-Tetradecane (C14)	8.326	12775725	99.098 ug/ml
7) T n-Hexadecane (C16)	9.923	12853797	99.219 ug/ml
8) T n-Octadecane (C18)	11.364	13156473	99.080 ug/ml
10) T n-Eicosane (C20)	12.668	13016044	98.865 ug/ml
11) T n-Heneicosane (C21)	13.279	13113146	98.680 ug/ml
13) T n-Docosane (C22)	13.863	12970872	98.559 ug/ml
14) T n-Tetracosane (C24)	14.961	12910732	98.026 ug/ml
15) T n-Hexacosane (C26)	15.978	12532044	97.809 ug/ml
16) T n-Octacosane (C28)	16.925	12234696	97.096 ug/ml
17) T n-Tricontane (C30)	17.809	11769377	96.593 ug/ml
18) T n-Dotriacontane (C32)	18.638	11122377	96.536 ug/ml
19) T n-Tetratriacontane (C34)	19.417	10590857	98.586 ug/ml
20) T n-Hexatriacontane (C36)	20.154	9862526	103.085 ug/ml
21) T n-Octatriacontane (C38)	20.896	9125558	105.262 ug/ml
22) T n-Tetracontane (C40)	21.828	9043908	109.577 ug/ml

(f)=RT Delta > 1/2 Window

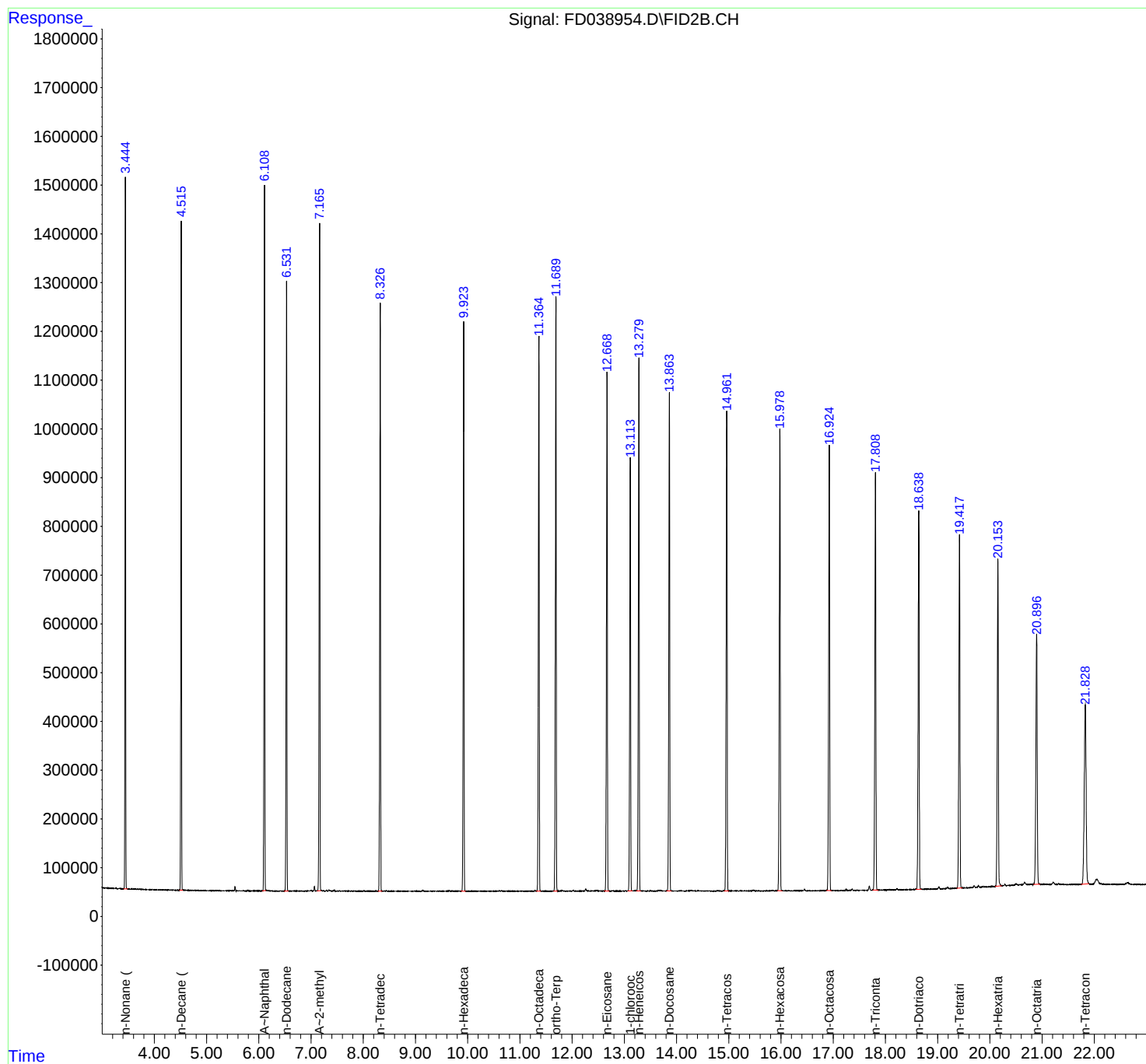
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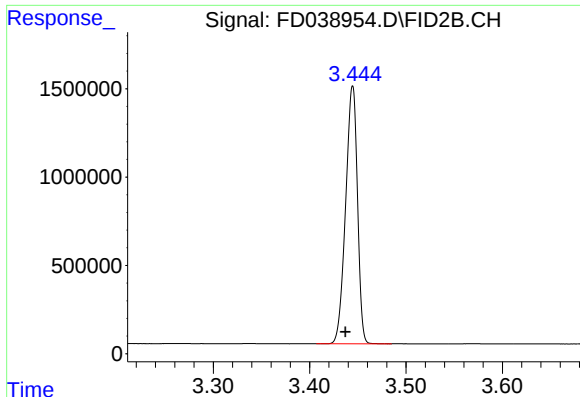
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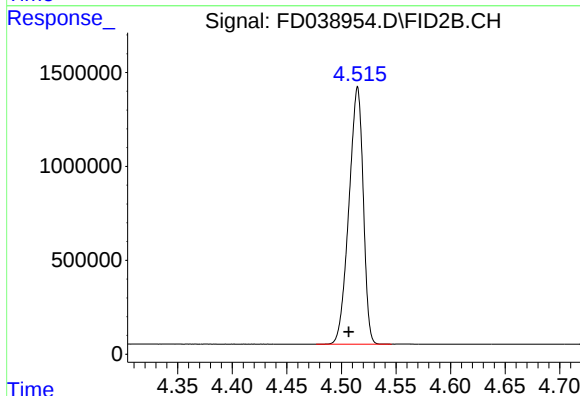




#1 n-Nonane (C9)

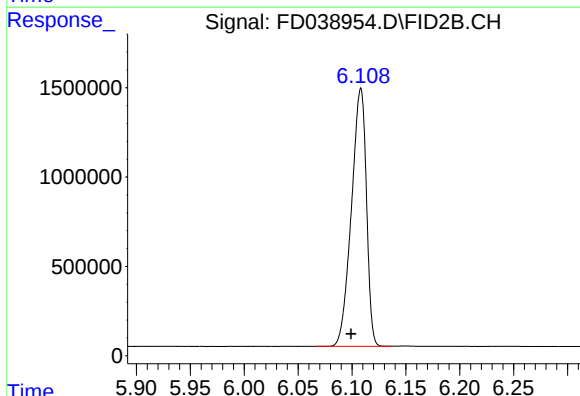
R.T.: 3.445 min
Delta R.T.: 0.008 min
Response: 12342468
Conc: 98.27 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM ALIPHATIC HC STD1



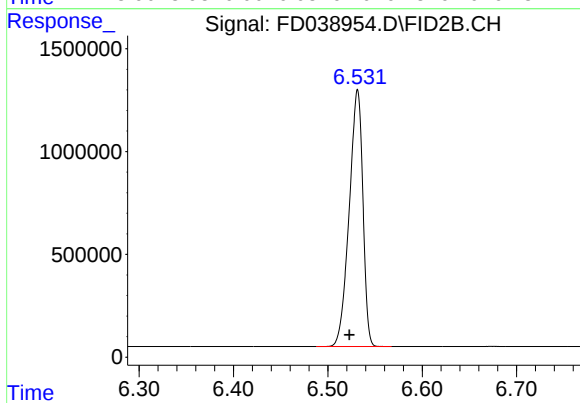
#2 n-Decane (C10)

R.T.: 4.515 min
Delta R.T.: 0.008 min
Response: 12489470
Conc: 98.35 ug/ml



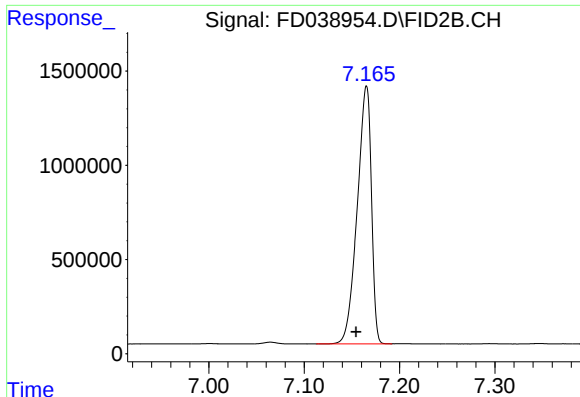
#3 A~Naphthalene (C11.7)

R.T.: 6.108 min
Delta R.T.: 0.009 min
Response: 13961817
Conc: 98.58 ug/ml



#4 n-Dodecane (C12)

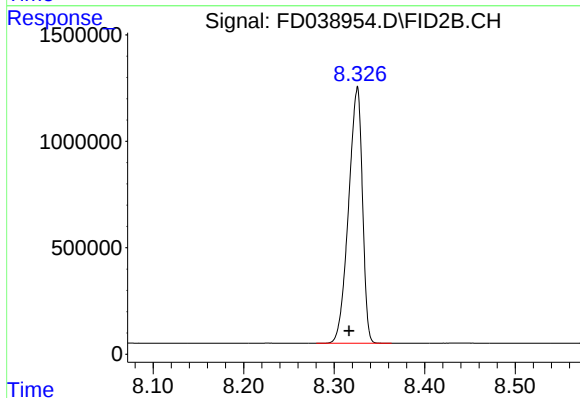
R.T.: 6.532 min
Delta R.T.: 0.009 min
Response: 12571064
Conc: 98.74 ug/ml



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

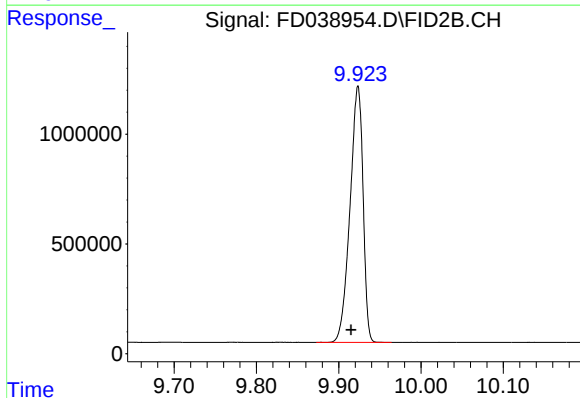
R.T.: 7.165 min
Delta R.T.: 0.011 min
Response: 14097505
Conc: 99.01 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM ALIPHATIC HC STD1



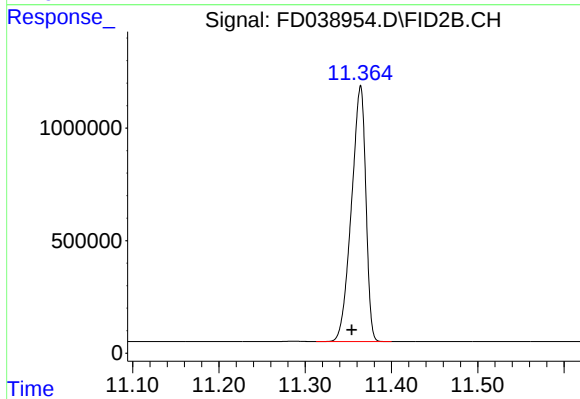
#6 n-Tetradecane (C14)

R.T.: 8.326 min
Delta R.T.: 0.010 min
Response: 12775725
Conc: 99.10 ug/ml



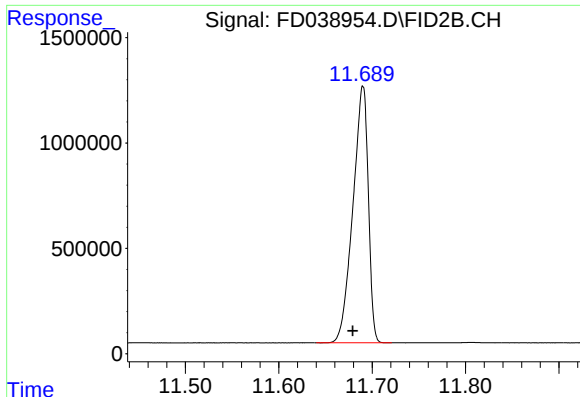
#7 n-Hexadecane (C16)

R.T.: 9.923 min
Delta R.T.: 0.009 min
Response: 12853797
Conc: 99.22 ug/ml



#8 n-Octadecane (C18)

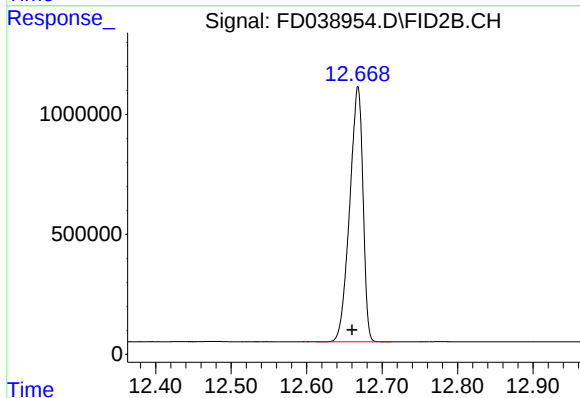
R.T.: 11.364 min
Delta R.T.: 0.010 min
Response: 13156473
Conc: 99.08 ug/ml



#9 ortho-Terphenyl (SURR)

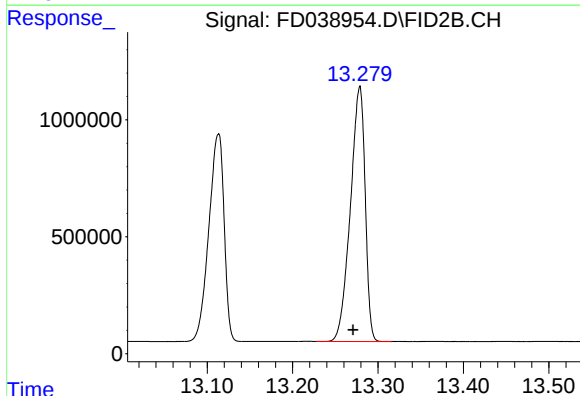
R.T.: 11.690 min
Delta R.T.: 0.011 min
Response: 13956324
Conc: 99.09 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM ALIPHATIC HC STD1



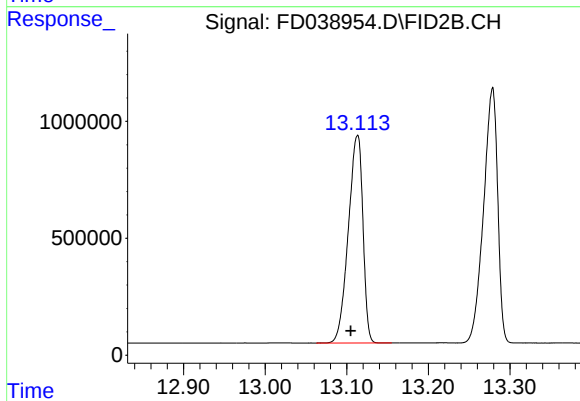
#10 n-Eicosane (C20)

R.T.: 12.668 min
Delta R.T.: 0.008 min
Response: 13016044
Conc: 98.87 ug/ml



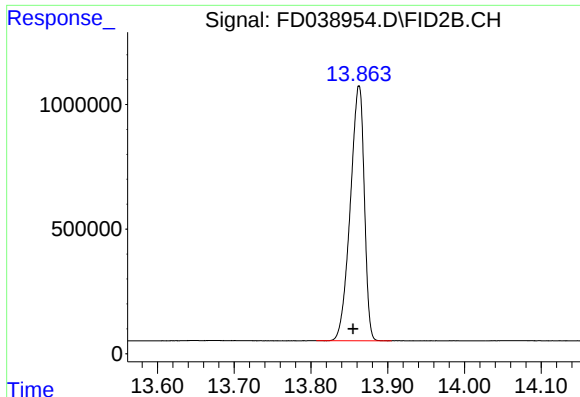
#11 n-Heneicosane (C21)

R.T.: 13.279 min
Delta R.T.: 0.008 min
Response: 13113146
Conc: 98.68 ug/ml



#12 1-chlorooctadecane (SURR)

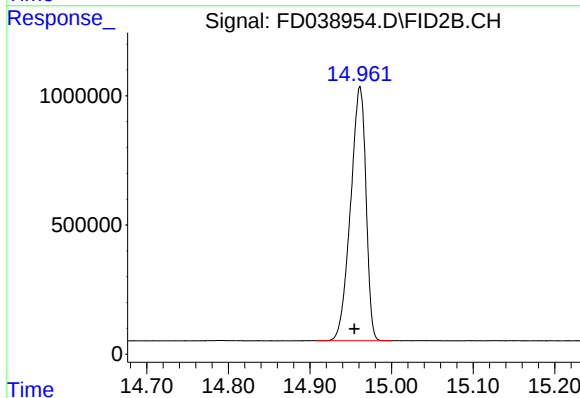
R.T.: 13.113 min
Delta R.T.: 0.009 min
Response: 11037547
Conc: 98.97 ug/ml



#13 n-Docosane (C22)

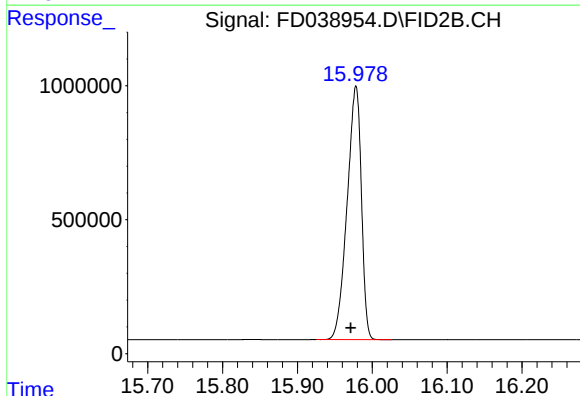
R.T.: 13.863 min
Delta R.T.: 0.007 min
Response: 12970872
Conc: 98.56 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM ALIPHATIC HC STD1



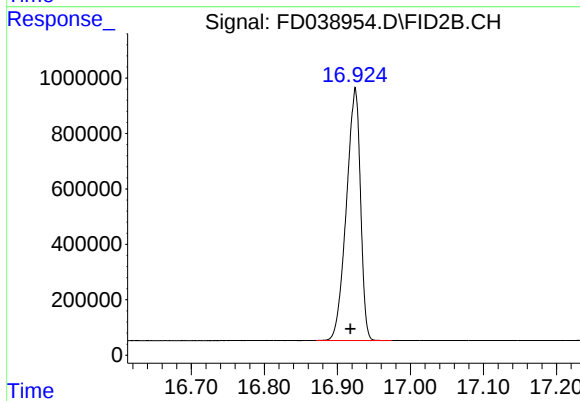
#14 n-Tetracosane (C24)

R.T.: 14.961 min
Delta R.T.: 0.007 min
Response: 12910732
Conc: 98.03 ug/ml



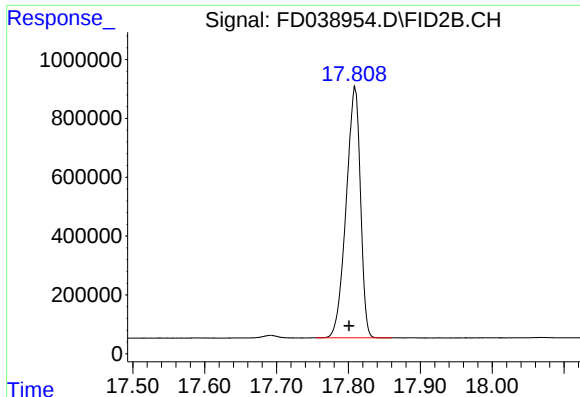
#15 n-Hexacosane (C26)

R.T.: 15.978 min
Delta R.T.: 0.007 min
Response: 12532044
Conc: 97.81 ug/ml



#16 n-Octacosane (C28)

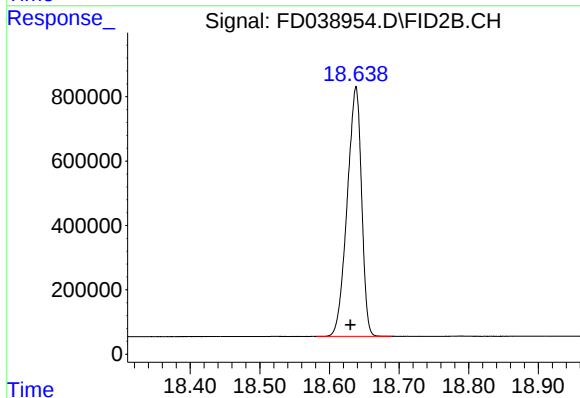
R.T.: 16.925 min
Delta R.T.: 0.007 min
Response: 12234696
Conc: 97.10 ug/ml



#17 n-Tricontane (C30)

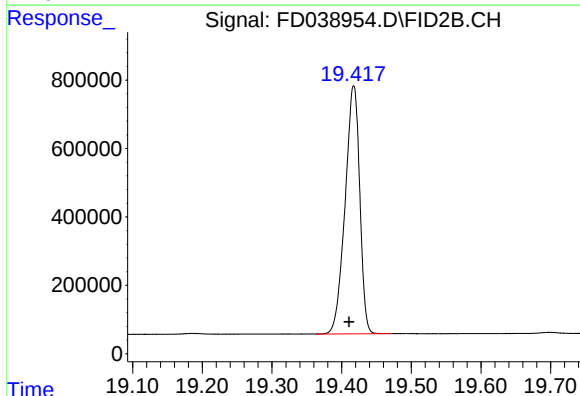
R.T.: 17.809 min
Delta R.T.: 0.008 min
Response: 11769377
Conc: 96.59 ug/ml

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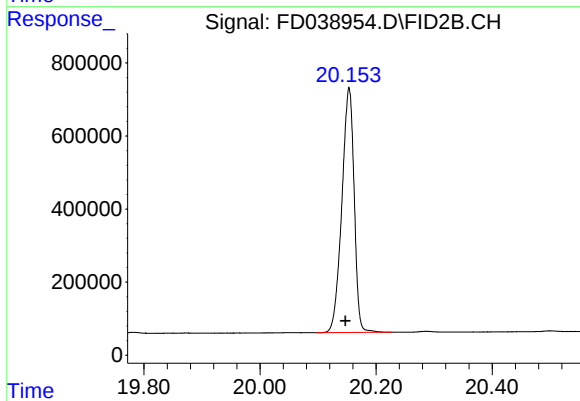
#18 n-Dotriacontane (C32)

R.T.: 18.638 min
Delta R.T.: 0.008 min
Response: 11122377
Conc: 96.54 ug/ml



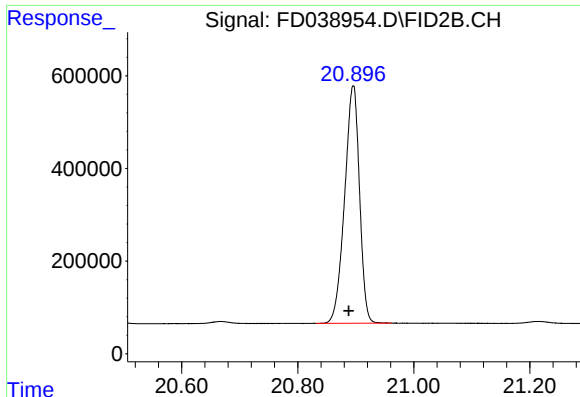
#19 n-Tetratriacontane (C34)

R.T.: 19.417 min
Delta R.T.: 0.007 min
Response: 10590857
Conc: 98.59 ug/ml



#20 n-Hexatriacontane (C36)

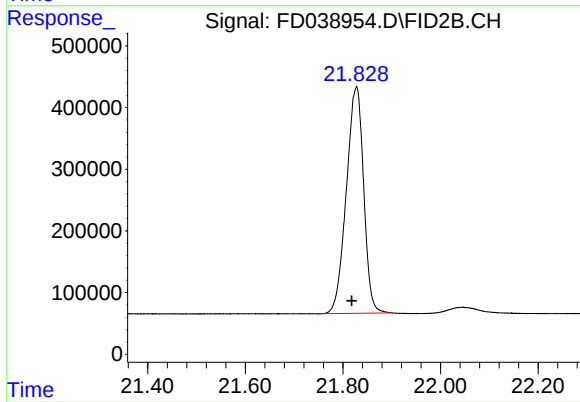
R.T.: 20.154 min
Delta R.T.: 0.006 min
Response: 9862526
Conc: 103.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.896 min
Delta R.T.: 0.008 min
Response: 9125558
Conc: 105.26 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.828 min
Delta R.T.: 0.010 min
Response: 9043908
Conc: 109.58 ug/ml