

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030121AL\
 Data File : FD036257.D
 Signal(s) : FID2B.CH
 Acq On : 01 Mar 2021 12:10
 Operator : JJ/UA
 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: Mar 01 14:28:57 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 030121.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 01 14:28:20 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)	11.521	13481973	96.754 ug/ml
Spiked Amount 50.000		Recovery =	193.51%
12) S 1-chlorooctadecane (S...	12.950	10398608	97.051 ug/ml
Spiked Amount 50.000		Recovery =	194.10%
Target Compounds			
1) T n-Nonane (C9)	3.309	11832000	96.997 ug/ml
2) T n-Decane (C10)	4.372	11964673	96.979 ug/ml
3) T A~Naphthalene (C11.7)	5.948	13610431	97.183 ug/ml
4) T n-Dodecane (C12)	6.383	12199167	97.160 ug/ml
5) T A~2-methylnaphthalene...	7.002	13928990	97.471 ug/ml
6) T n-Tetradecane (C14)	8.173	12204681	97.152 ug/ml
7) T n-Hexadecane (C16)	9.768	11962912	97.260 ug/ml
8) T n-Octadecane (C18)	11.206	12327565	96.780 ug/ml
10) T n-Eicosane (C20)	12.508	12277253	96.575 ug/ml
11) T n-Heneicosane (C21)	13.117	12191244	96.545 ug/ml
13) T n-Docosane (C22)	13.701	12122043	96.426 ug/ml
14) T n-Tetracosane (C24)	14.799	11943257	96.294 ug/ml
15) T n-Hexacosane (C26)	15.814	11627439	96.061 ug/ml
16) T n-Octacosane (C28)	16.758	11367790	95.953 ug/ml
17) T n-Tricontane (C30)	17.640	11044070	95.777 ug/ml
18) T n-Dotriacontane (C32)	18.468	10544248	95.627 ug/ml
19) T n-Tetratriacontane (C34)	19.246	10235346	96.341 ug/ml
20) T n-Hexatriacontane (C36)	19.980	9794392	97.651 ug/ml
21) T n-Octatriacontane (C38)	20.692	9251666	98.052 ug/ml
22) T n-Tetracontane (C40)	21.553	9436302	98.825 ug/ml

(f)=RT Delta > 1/2 Window

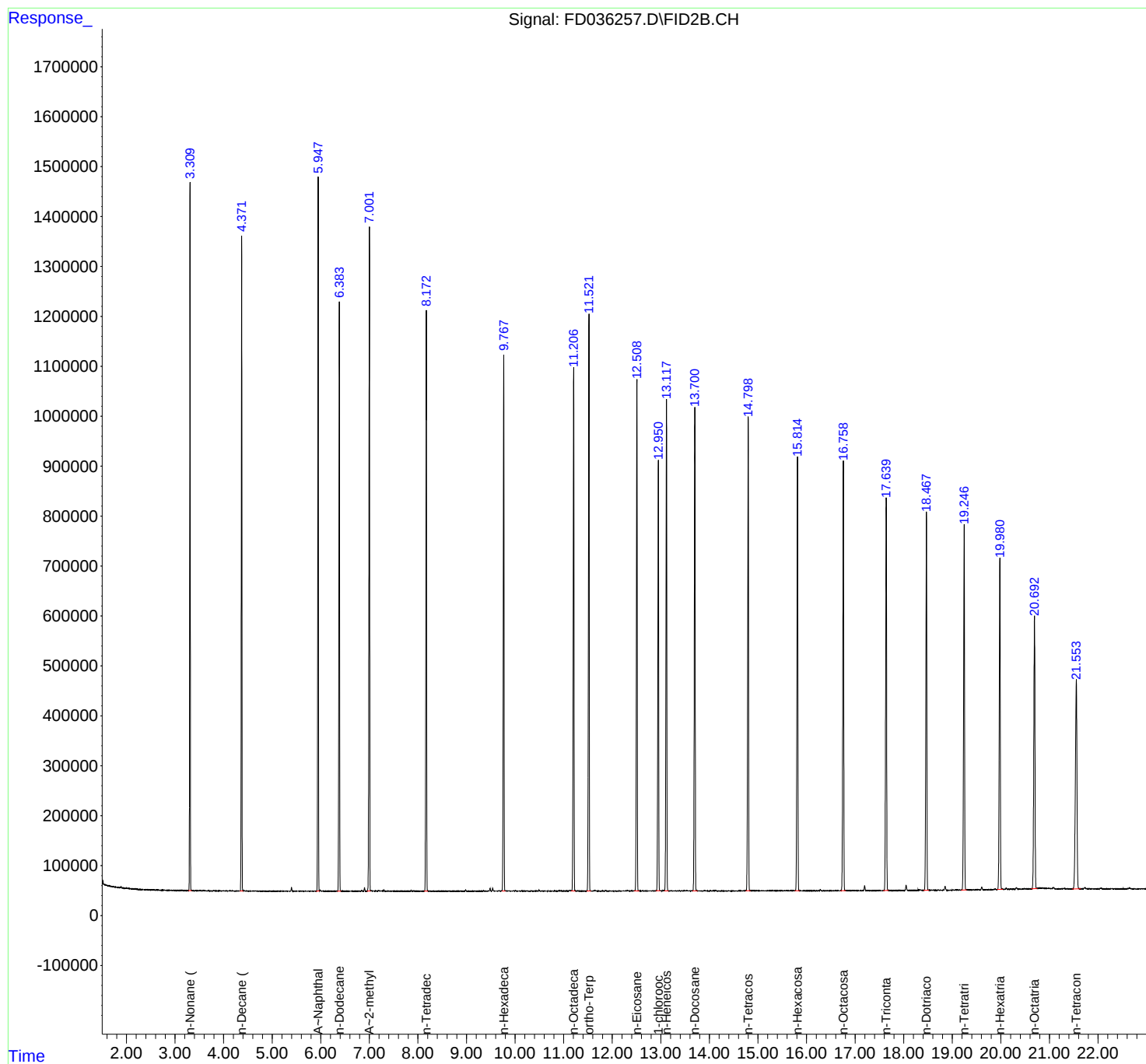
(m)=manual int.

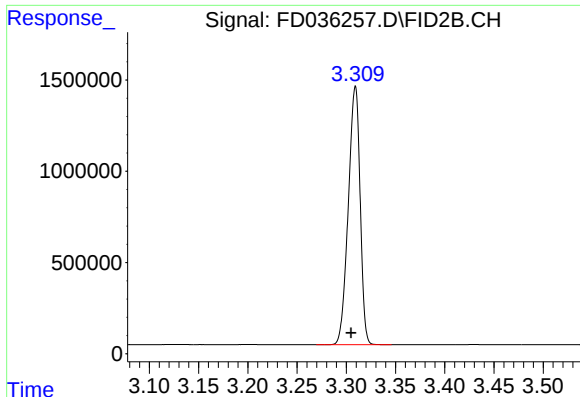
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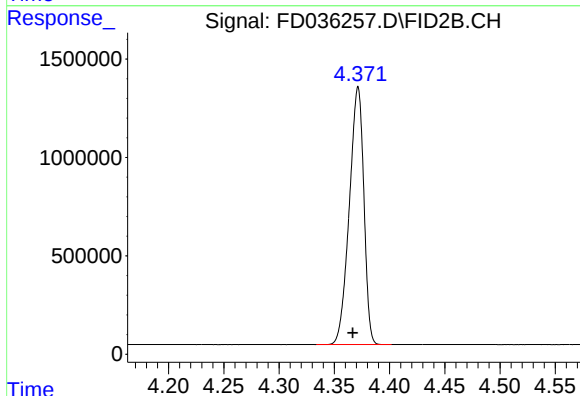




#1 n-Nonane (C9)

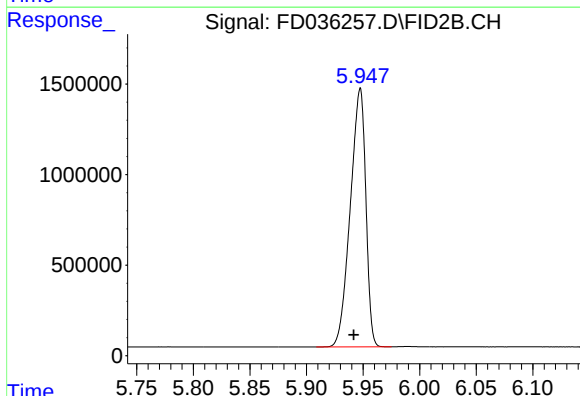
R.T.: 3.309 min
Delta R.T.: 0.004 min
Response: 11832000
Conc: 97.00 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM ALIPHATIC HC STD1



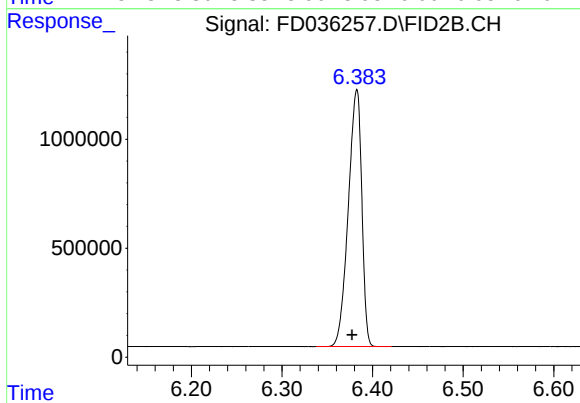
#2 n-Decane (C10)

R.T.: 4.372 min
Delta R.T.: 0.005 min
Response: 11964673
Conc: 96.98 ug/ml



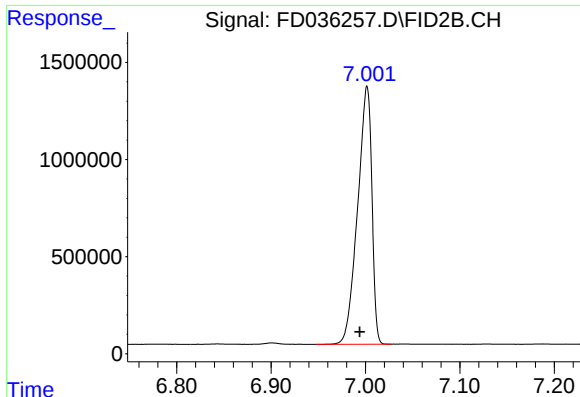
#3 A~Naphthalene (C11.7)

R.T.: 5.948 min
Delta R.T.: 0.006 min
Response: 13610431
Conc: 97.18 ug/ml



#4 n-Dodecane (C12)

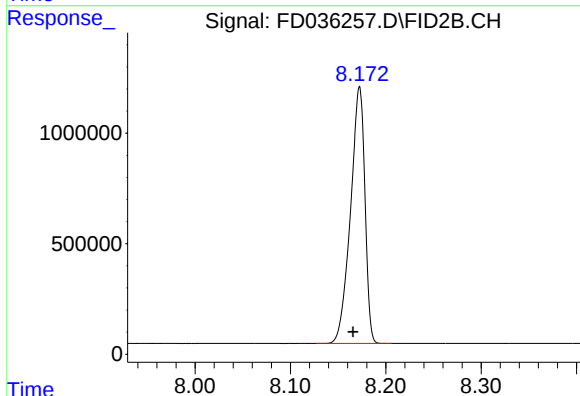
R.T.: 6.383 min
Delta R.T.: 0.006 min
Response: 12199167
Conc: 97.16 ug/ml



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

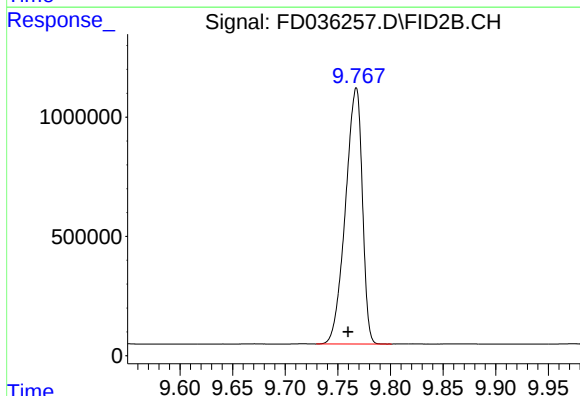
R.T.: 7.002 min
Delta R.T.: 0.008 min
Response: 13928990
Conc: 97.47 ug/ml

Instrument :
FID_D
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100 PPM ALIPHATIC HC STD1



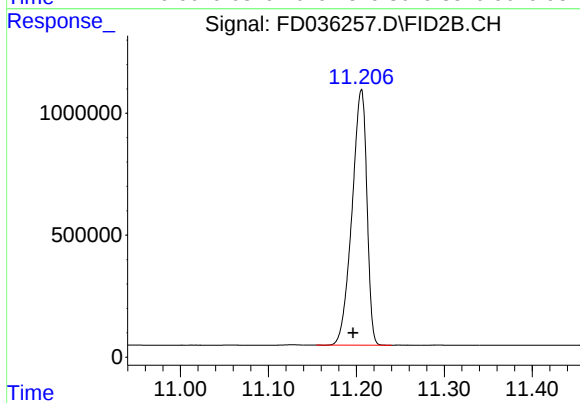
#6 n-Tetradecane (C14)

R.T.: 8.173 min
Delta R.T.: 0.007 min
Response: 12204681
Conc: 97.15 ug/ml



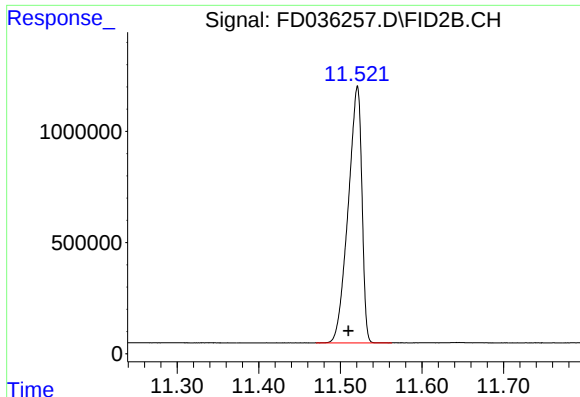
#7 n-Hexadecane (C16)

R.T.: 9.768 min
Delta R.T.: 0.008 min
Response: 11962912
Conc: 97.26 ug/ml



#8 n-Octadecane (C18)

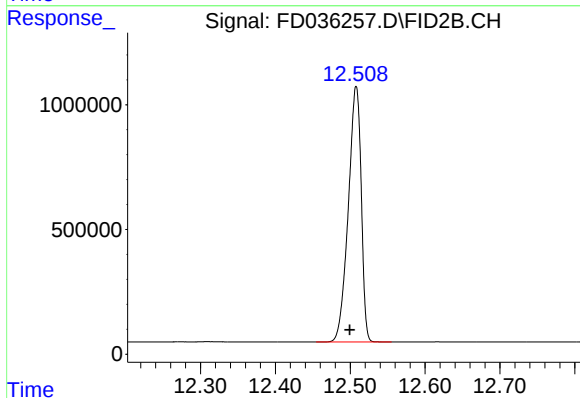
R.T.: 11.206 min
Delta R.T.: 0.010 min
Response: 12327565
Conc: 96.78 ug/ml



#9 ortho-Terphenyl (SURR)

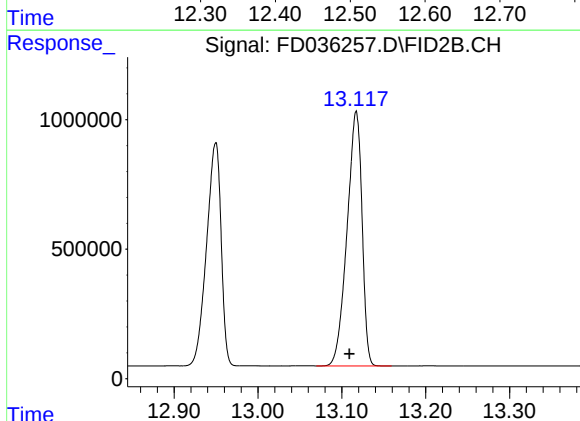
R.T.: 11.521 min
Delta R.T.: 0.011 min
Response: 13481973
Conc: 96.75 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM ALIPHATIC HC STD1



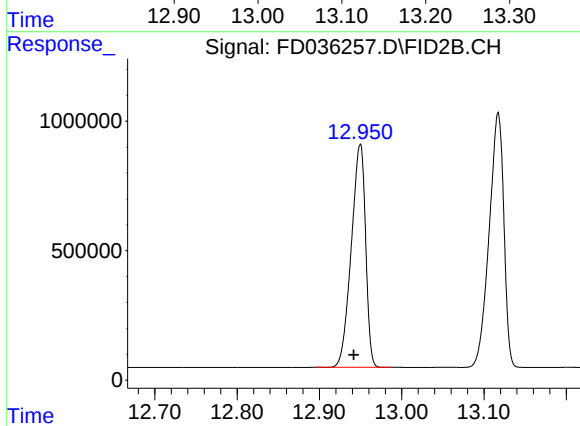
#10 n-Eicosane (C20)

R.T.: 12.508 min
Delta R.T.: 0.009 min
Response: 12277253
Conc: 96.58 ug/ml



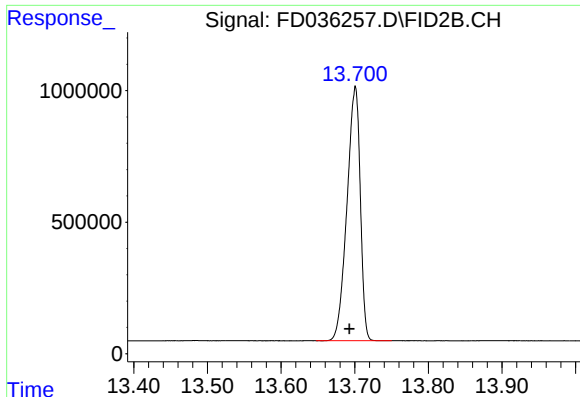
#11 n-Heneicosane (C21)

R.T.: 13.117 min
Delta R.T.: 0.008 min
Response: 12191244
Conc: 96.55 ug/ml



#12 1-chlorooctadecane (SURR)

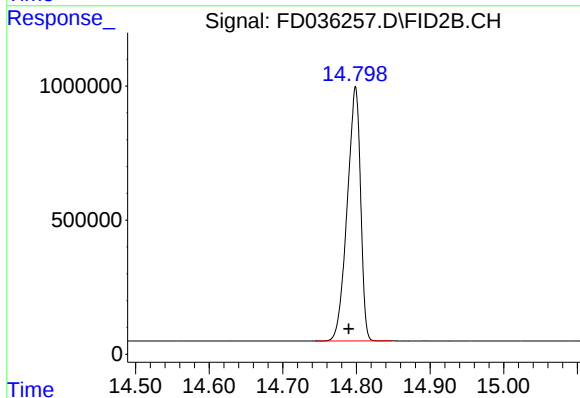
R.T.: 12.950 min
Delta R.T.: 0.008 min
Response: 10398608
Conc: 97.05 ug/ml



#13 n-Docosane (C22)

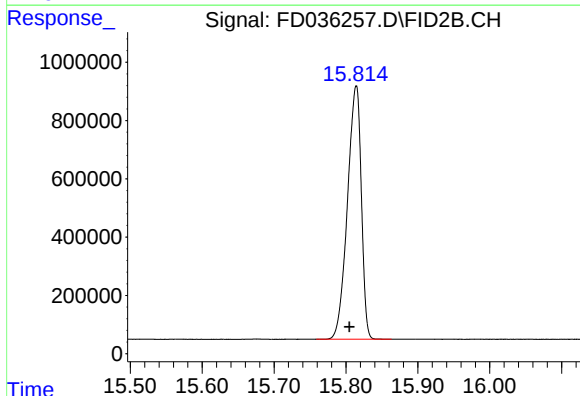
R.T.: 13.701 min
Delta R.T.: 0.008 min
Response: 12122043
Conc: 96.43 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM ALIPHATIC HC STD1



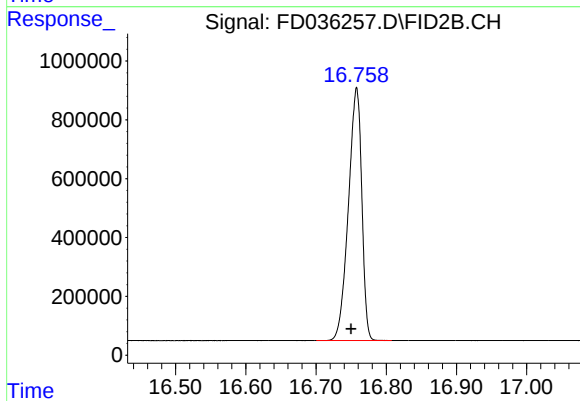
#14 n-Tetracosane (C24)

R.T.: 14.799 min
Delta R.T.: 0.009 min
Response: 11943257
Conc: 96.29 ug/ml



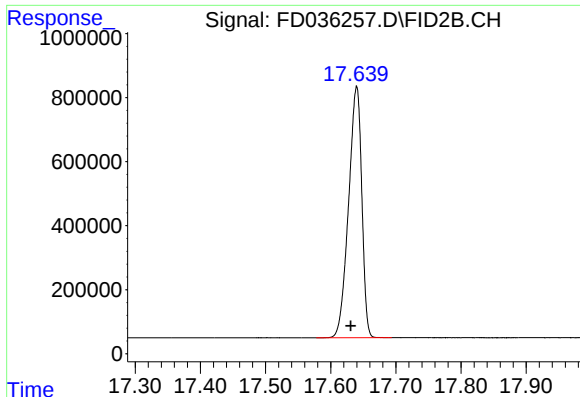
#15 n-Hexacosane (C26)

R.T.: 15.814 min
Delta R.T.: 0.009 min
Response: 11627439
Conc: 96.06 ug/ml



#16 n-Octacosane (C28)

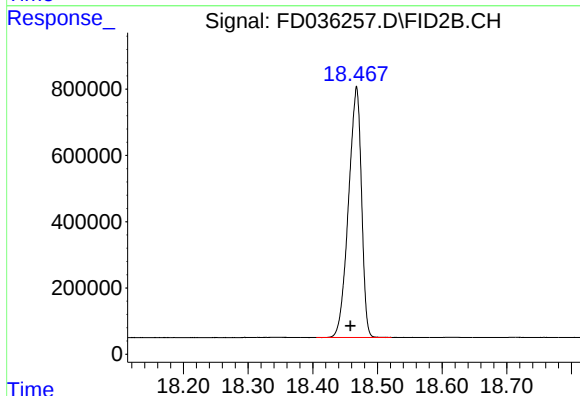
R.T.: 16.758 min
Delta R.T.: 0.008 min
Response: 11367790
Conc: 95.95 ug/ml



#17 n-Tricontane (C30)

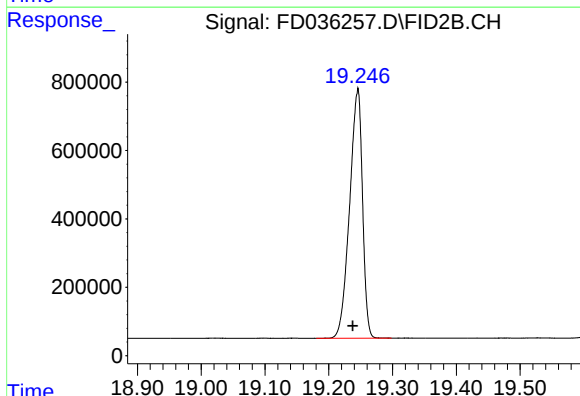
R.T.: 17.640 min
Delta R.T.: 0.009 min
Response: 11044070
Conc: 95.78 ug/ml

Instrument :
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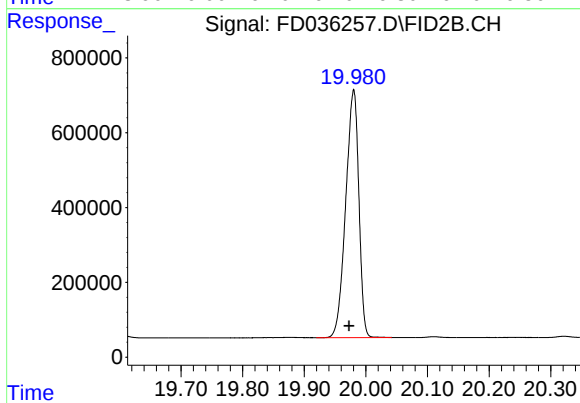
#18 n-Dotriacontane (C32)

R.T.: 18.468 min
Delta R.T.: 0.009 min
Response: 10544248
Conc: 95.63 ug/ml



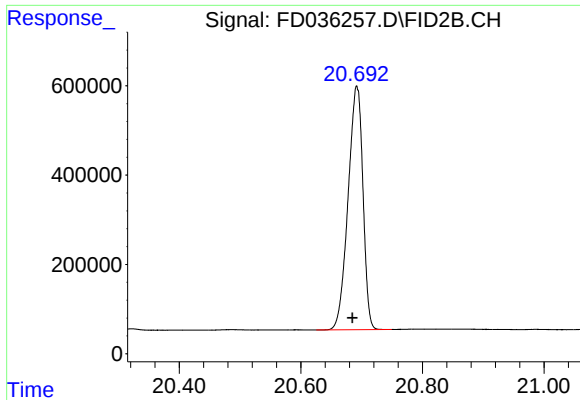
#19 n-Tetratriacontane (C34)

R.T.: 19.246 min
Delta R.T.: 0.008 min
Response: 10235346
Conc: 96.34 ug/ml



#20 n-Hexatriacontane (C36)

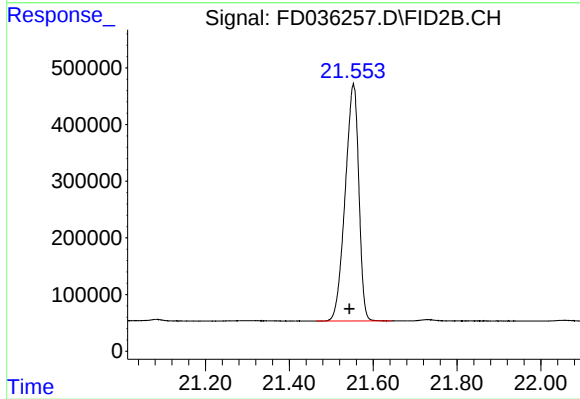
R.T.: 19.980 min
Delta R.T.: 0.008 min
Response: 9794392
Conc: 97.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.692 min
Delta R.T.: 0.007 min
Response: 9251666
Conc: 98.05 ug/ml

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FID_D
ClientSampleId :
100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.553 min
Delta R.T.: 0.009 min
Response: 9436302
Conc: 98.83 ug/ml