

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080321AL\
 Data File : FD038386.D
 Signal(s) : FID2B.CH
 Acq On : 03 Aug 2021 16:39
 Operator : AJ\MA
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Aug 04 02:38:25 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 02:34:59 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)	11.379	13276955	99.146 ug/ml
Spiked Amount 50.000		Recovery =	198.29%
12) S 1-chlorooctadecane (S...	12.814	10490205	99.226 ug/ml
Spiked Amount 50.000		Recovery =	198.45%
Target Compounds			
1) T n-Nonane (C9)	3.199	11573447	99.403 ug/ml
2) T n-Decane (C10)	4.253	11594783	99.196 ug/ml
3) T A~Naphthalene (C11.7)	5.817	12981793	99.919 ug/ml
4) T n-Dodecane (C12)	6.257	11670139	99.500 ug/ml
5) T A~2-methylnaphthalene...	6.869	13257404	101.727 ug/ml
6) T n-Tetradecane (C14)	8.042	12304007	103.645 ug/ml
7) T n-Hexadecane (C16)	9.636	12125264	101.151 ug/ml
8) T n-Octadecane (C18)	11.072	12300455	99.566 ug/ml
10) T n-Eicosane (C20)	12.373	12223324	98.635 ug/ml
11) T n-Heneicosane (C21)	12.983	12377938	98.597 ug/ml
13) T n-Docosane (C22)	13.567	12303765	98.212 ug/ml
14) T n-Tetracosane (C24)	14.664	12376087	97.522 ug/ml
15) T n-Hexacosane (C26)	15.679	12149646	96.383 ug/ml
16) T n-Octacosane (C28)	16.624	12030464	94.847 ug/ml
17) T n-Tricontane (C30)	17.508	11696731	92.517 ug/ml
18) T n-Dotriacontane (C32)	18.336	11142160	90.361 ug/ml
19) T n-Tetratriacontane (C34)	19.115	10796086	88.661 ug/ml
20) T n-Hexatriacontane (C36)	19.851	10133118	89.091 ug/ml
21) T n-Octatriacontane (C38)	20.553	9503715	90.232 ug/ml
22) T n-Tetracontane (C40)	21.365	9345389	91.621 ug/ml

(f)=RT Delta > 1/2 Window

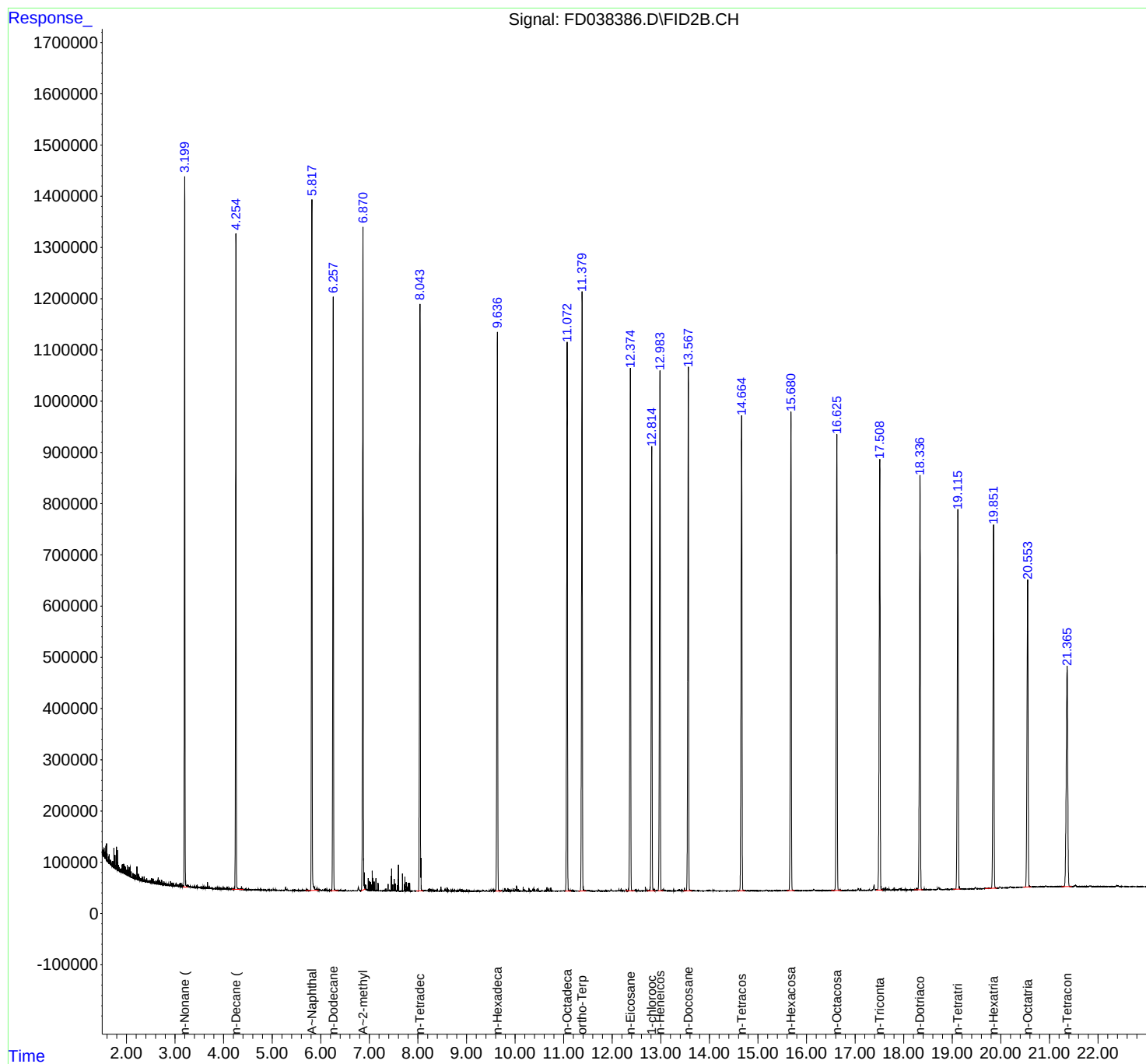
(m)=manual int.

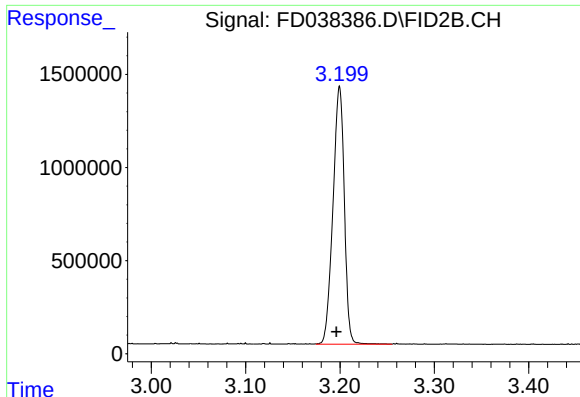
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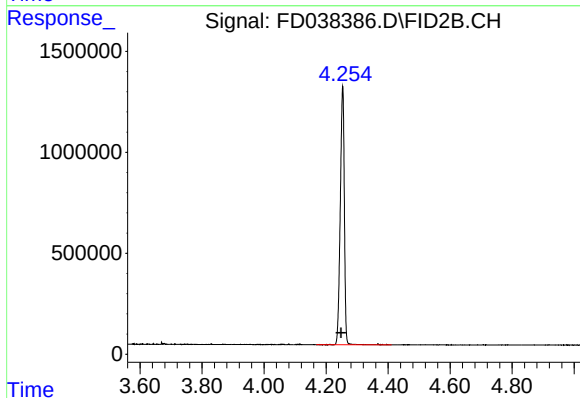




#1 n-Nonane (C9)

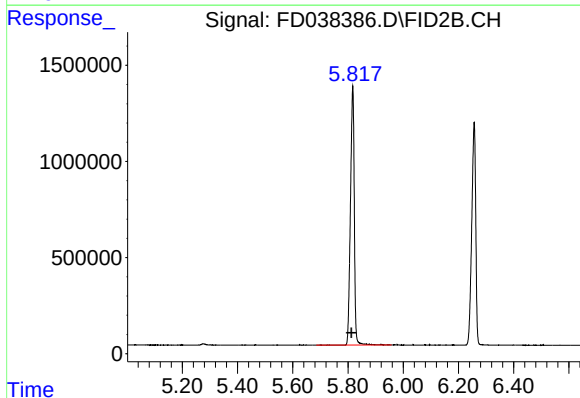
R.T.: 3.199 min
Delta R.T.: 0.003 min
Response: 11573447
Conc: 99.40 ug/ml

Instrument :
FID_D
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100 PPM ALIPHATIC HC STD1



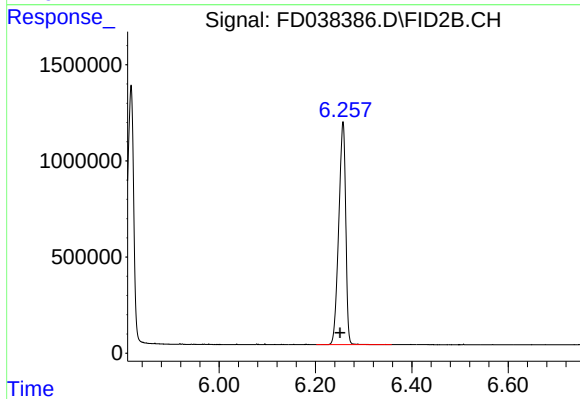
#2 n-Decane (C10)

R.T.: 4.253 min
Delta R.T.: 0.005 min
Response: 11594783
Conc: 99.20 ug/ml



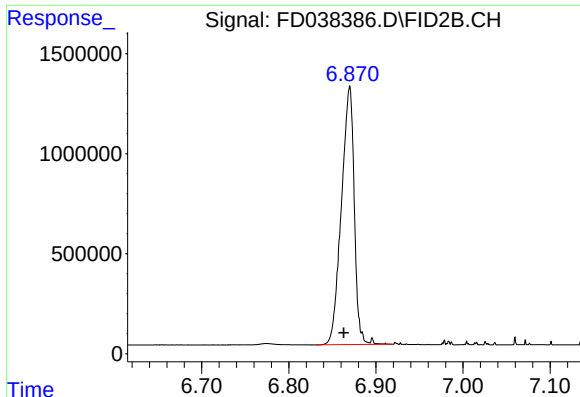
#3 A~Naphthalene (C11.7)

R.T.: 5.817 min
Delta R.T.: 0.004 min
Response: 12981793
Conc: 99.92 ug/ml



#4 n-Dodecane (C12)

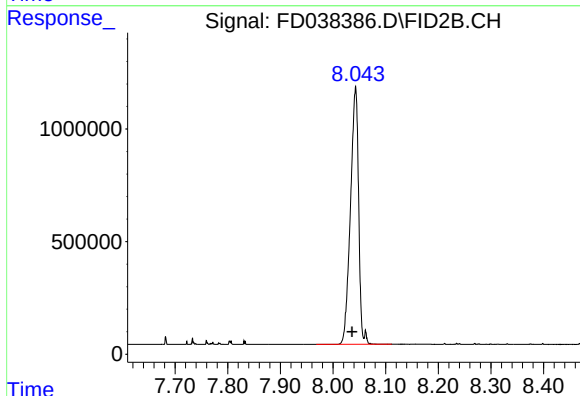
R.T.: 6.257 min
Delta R.T.: 0.006 min
Response: 11670139
Conc: 99.50 ug/ml



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

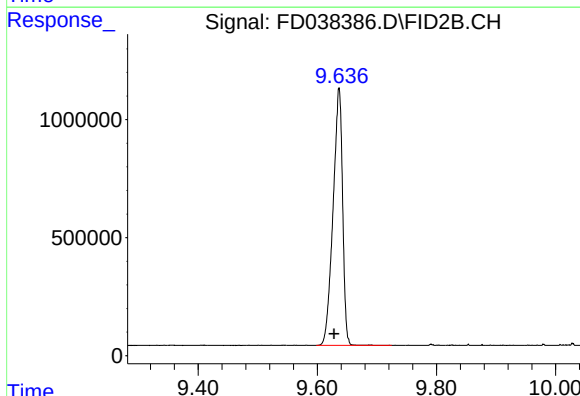
R.T.: 6.869 min
Delta R.T.: 0.006 min
Response: 13257404
Conc: 101.73 ug/ml

Instrument :
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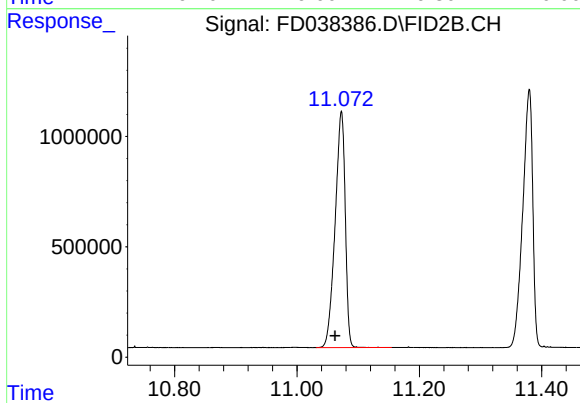
#6 n-Tetradecane (C14)

R.T.: 8.042 min
Delta R.T.: 0.006 min
Response: 12304007
Conc: 103.64 ug/ml



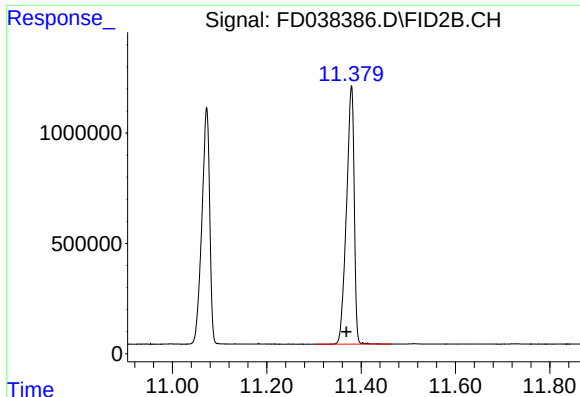
#7 n-Hexadecane (C16)

R.T.: 9.636 min
Delta R.T.: 0.008 min
Response: 12125264
Conc: 101.15 ug/ml



#8 n-Octadecane (C18)

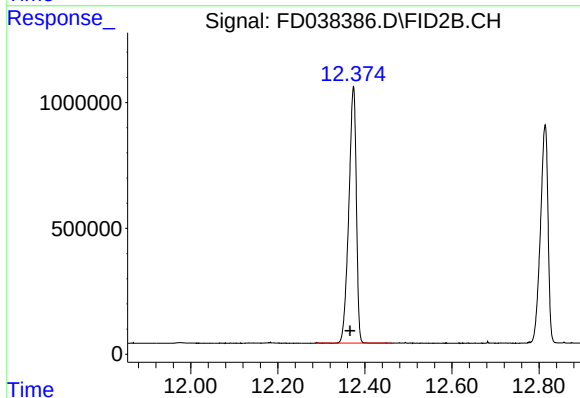
R.T.: 11.072 min
Delta R.T.: 0.010 min
Response: 12300455
Conc: 99.57 ug/ml



#9 ortho-Terphenyl (SURR)

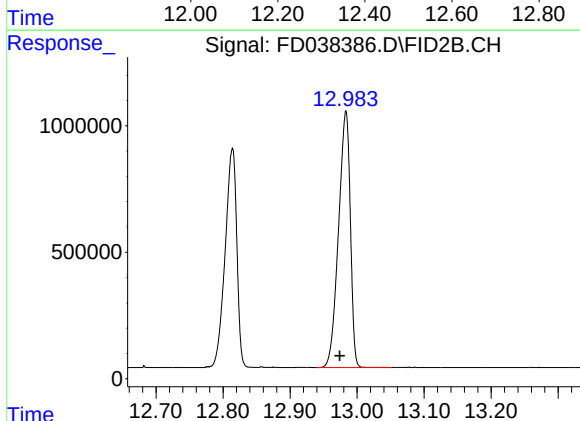
R.T.: 11.379 min
Delta R.T.: 0.010 min
Response: 13276955
Conc: 99.15 ug/ml

Instrument :
FID_D
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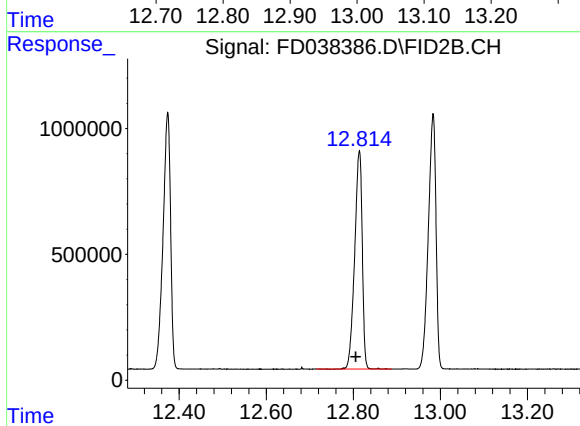
#10 n-Eicosane (C20)

R.T.: 12.373 min
Delta R.T.: 0.008 min
Response: 12223324
Conc: 98.63 ug/ml



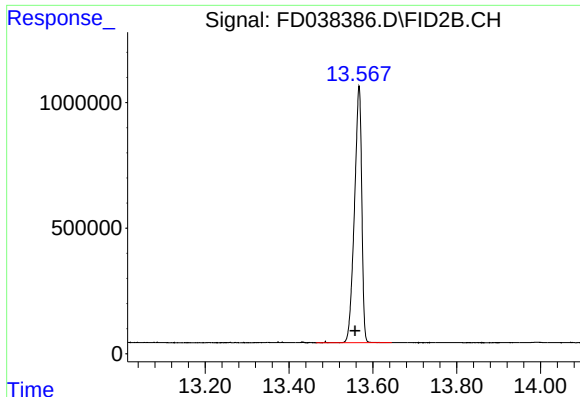
#11 n-Heneicosane (C21)

R.T.: 12.983 min
Delta R.T.: 0.009 min
Response: 12377938
Conc: 98.60 ug/ml



#12 1-chlorooctadecane (SURR)

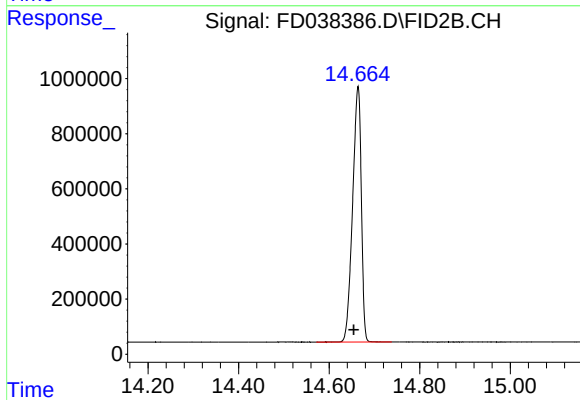
R.T.: 12.814 min
Delta R.T.: 0.008 min
Response: 10490205
Conc: 99.23 ug/ml



#13 n-Docosane (C22)

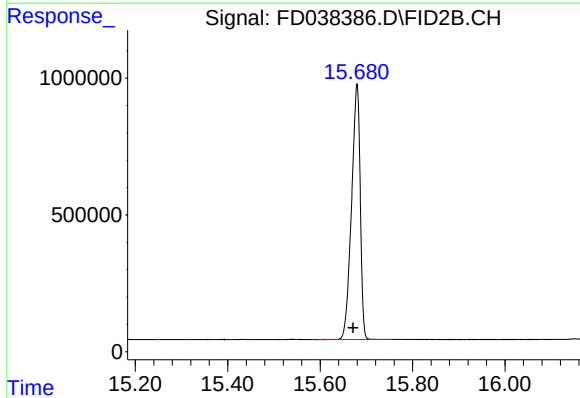
R.T.: 13.567 min
Delta R.T.: 0.009 min
Response: 12303765
Conc: 98.21 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM ALIPHATIC HC STD1



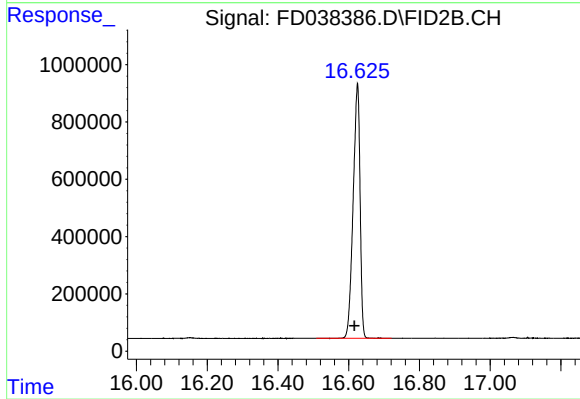
#14 n-Tetracosane (C24)

R.T.: 14.664 min
Delta R.T.: 0.009 min
Response: 12376087
Conc: 97.52 ug/ml



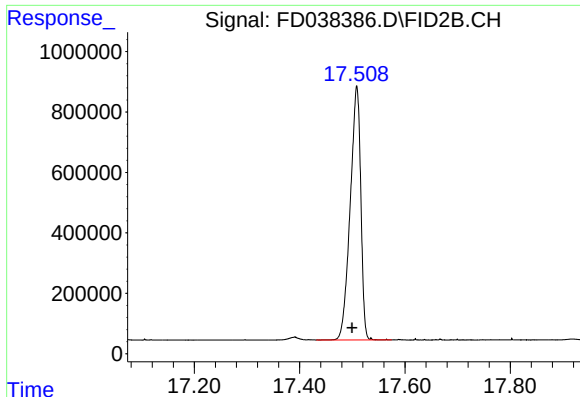
#15 n-Hexacosane (C26)

R.T.: 15.679 min
Delta R.T.: 0.008 min
Response: 12149646
Conc: 96.38 ug/ml



#16 n-Octacosane (C28)

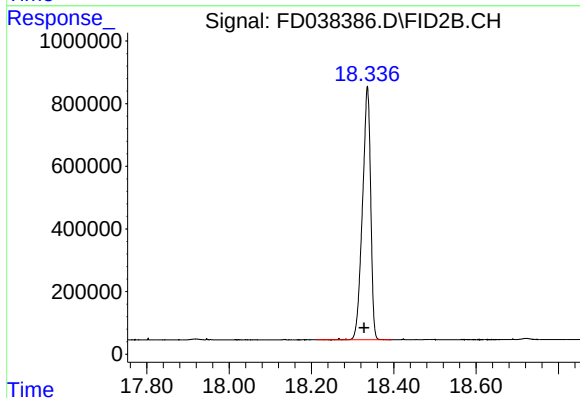
R.T.: 16.624 min
Delta R.T.: 0.008 min
Response: 12030464
Conc: 94.85 ug/ml



#17 n-Tricontane (C30)

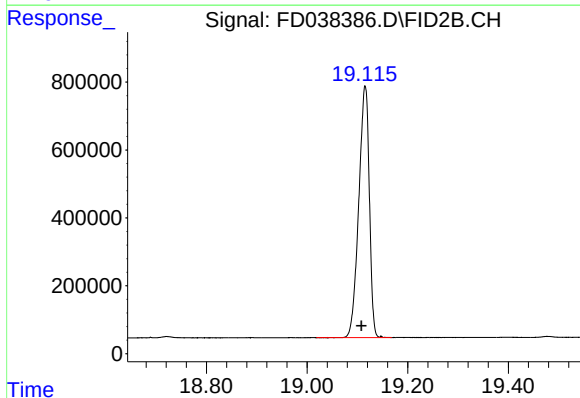
R.T.: 17.508 min
Delta R.T.: 0.009 min
Response: 11696731
Conc: 92.52 ug/ml

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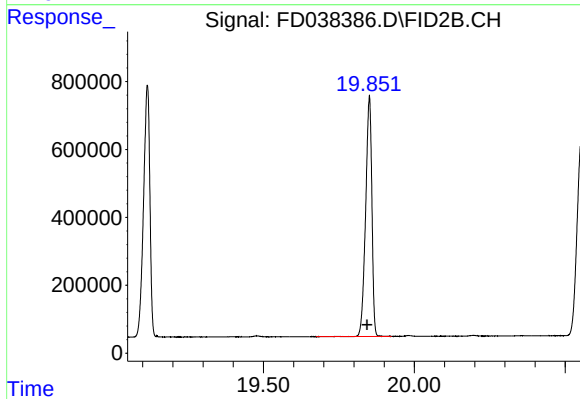
#18 n-Dotriacontane (C32)

R.T.: 18.336 min
Delta R.T.: 0.008 min
Response: 11142160
Conc: 90.36 ug/ml



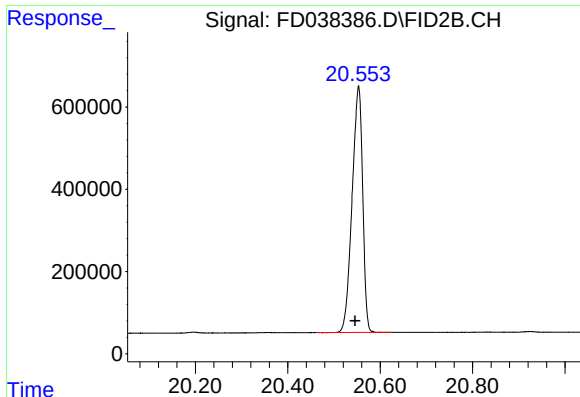
#19 n-Tetratriacontane (C34)

R.T.: 19.115 min
Delta R.T.: 0.007 min
Response: 10796086
Conc: 88.66 ug/ml



#20 n-Hexatriacontane (C36)

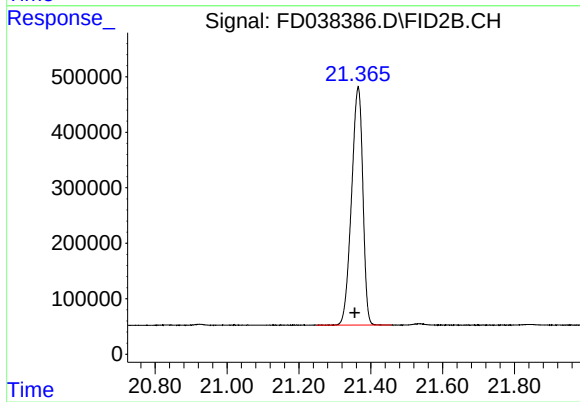
R.T.: 19.851 min
Delta R.T.: 0.007 min
Response: 10133118
Conc: 89.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.553 min
Delta R.T.: 0.007 min
Response: 9503715
Conc: 90.23 ug/ml

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FID_D
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100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.365 min
Delta R.T.: 0.009 min
Response: 9345389
Conc: 91.62 ug/ml