

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052325AL\
 Data File : FD049404.D
 Signal(s) : FID2B.ch
 Acq On : 23 May 2025 22:21
 Operator : YP/AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: May 27 05:20:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 052325.M
 Quant Title : GC Extractables
 QLast Update : Tue May 27 05:19:30 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.660	19920437	95.134 ug/ml
Spiked Amount 50.000		Recovery =	190.27%
12) S 1-chlorooctadecane (S...	13.087	15407228	95.756 ug/ml
Spiked Amount 50.000		Recovery =	191.51%
Target Compounds			
1) T n-Nonane (C9)	3.420	11555917	93.392 ug/ml
2) T n-Decane (C10)	4.490	11884510	93.692 ug/ml
3) T A~Naphthalene (C11.7)	6.077	14296768	93.219 ug/ml
4) T n-Dodecane (C12)	6.506	12787375	94.916 ug/ml
5) T A~2-methylnaphthalene...	7.133	14766831	93.865 ug/ml
6) T n-Tetradecane (C14)	8.298	13796720	96.270 ug/ml
7) T n-Hexadecane (C16)	9.896	15130345	96.332 ug/ml
8) T n-Octadecane (C18)	11.338	16130695	95.868 ug/ml
10) T n-Eicosane (C20)	12.642	16405873	95.332 ug/ml
11) T n-Heneicosane (C21)	13.253	16368823	95.131 ug/ml
13) T n-Docosane (C22)	13.838	16212119	94.977 ug/ml
14) T n-Tetracosane (C24)	14.937	15748776	94.592 ug/ml
15) T n-Hexacosane (C26)	15.955	15050731	94.461 ug/ml
16) T n-Octacosane (C28)	16.902	14302018	93.685 ug/ml
17) T n-Tricontane (C30)	17.787	13947464	91.988 ug/ml
18) T n-Dotriacontane (C32)	18.616	13555573	91.414 ug/ml
19) T n-Tetratriacontane (C34)	19.397	12909742	92.452 ug/ml
20) T n-Hexatriacontane (C36)	20.133	12687761	94.330 ug/ml
21) T n-Octatriacontane (C38)	20.873	12308992	95.332 ug/ml
22) T n-Tetracontane (C40)	21.794	11993868	95.861 ug/ml

(f)=RT Delta > 1/2 Window

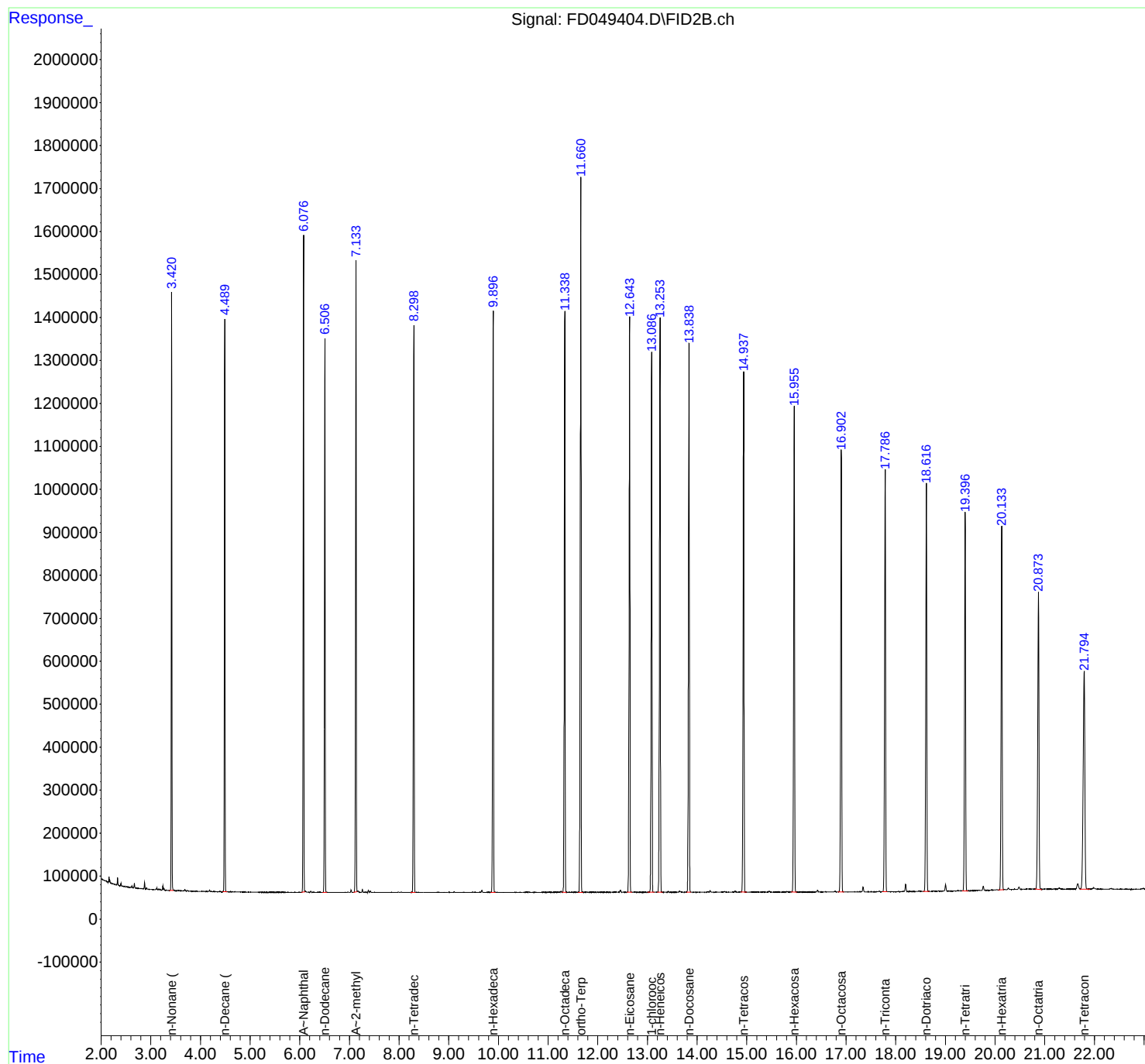
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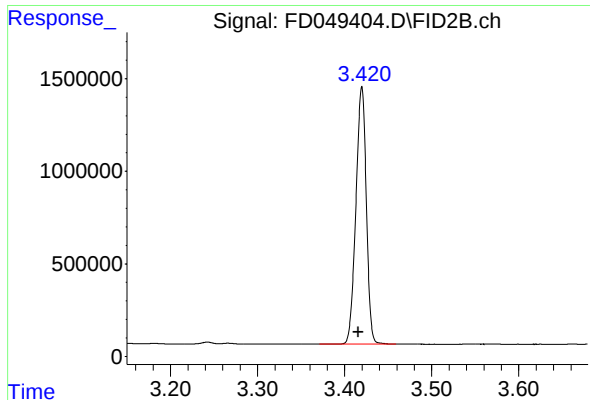
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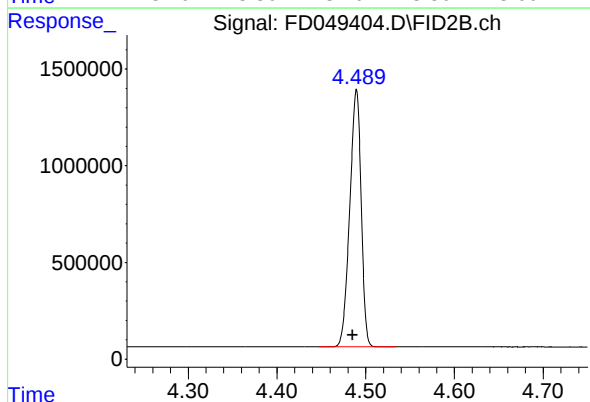




#1 n-Nonane (C9)

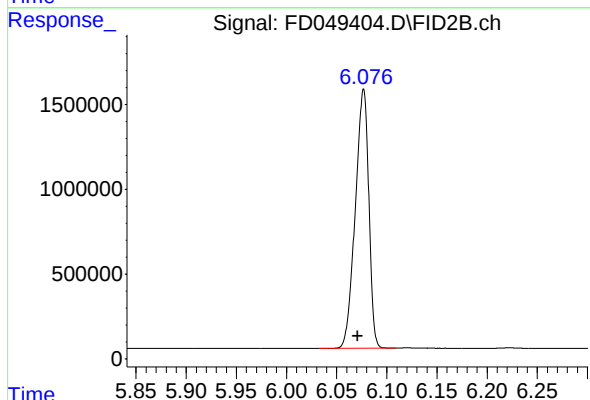
R.T.: 3.420 min
Delta R.T.: 0.004 min
Response: 11555917
Conc: 93.39 ug/ml

Instrument :
FID_D
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100 PPM ALIPHATIC HC STD1



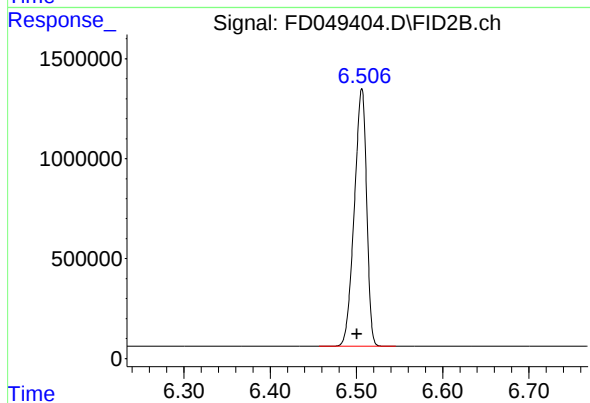
#2 n-Decane (C10)

R.T.: 4.490 min
Delta R.T.: 0.004 min
Response: 11884510
Conc: 93.69 ug/ml



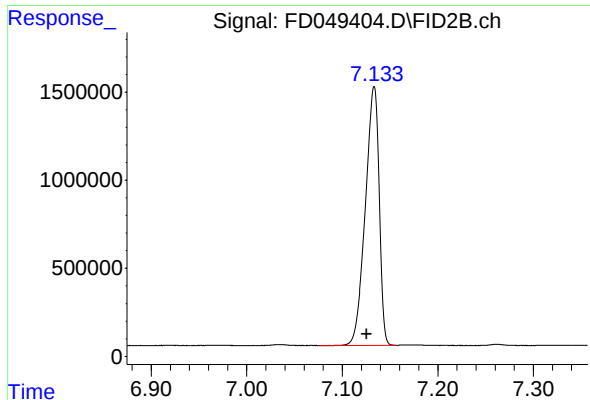
#3 A~Naphthalene (C11.7)

R.T.: 6.077 min
Delta R.T.: 0.006 min
Response: 14296768
Conc: 93.22 ug/ml



#4 n-Dodecane (C12)

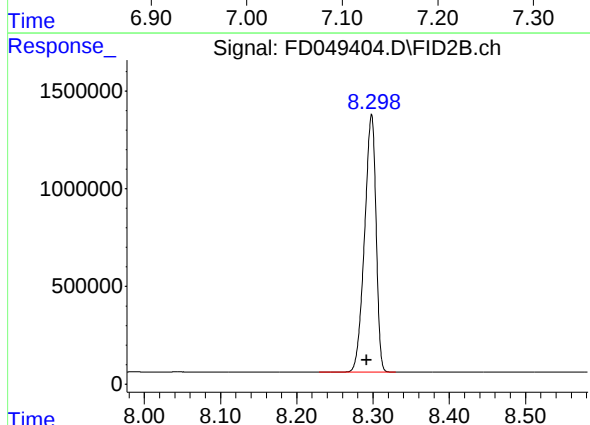
R.T.: 6.506 min
Delta R.T.: 0.006 min
Response: 12787375
Conc: 94.92 ug/ml



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

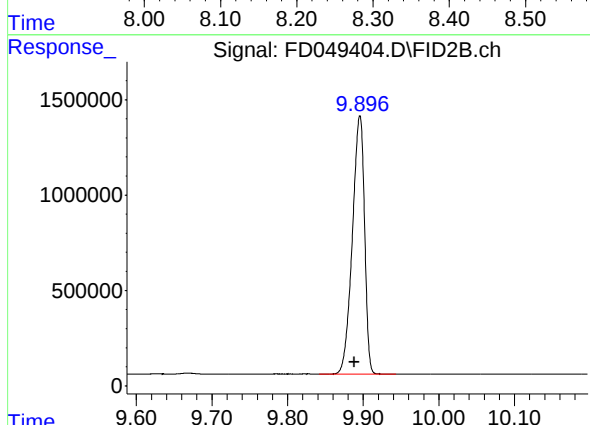
R.T.: 7.133 min
Delta R.T.: 0.008 min
Response: 14766831
Conc: 93.87 ug/ml

Instrument :
FID_D
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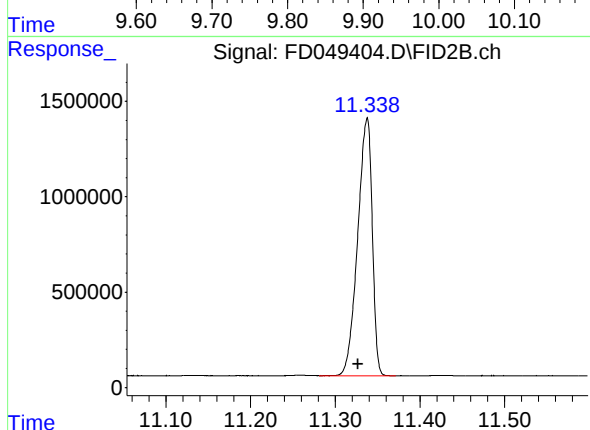
#6 n-Tetradecane (C14)

R.T.: 8.298 min
Delta R.T.: 0.007 min
Response: 13796720
Conc: 96.27 ug/ml



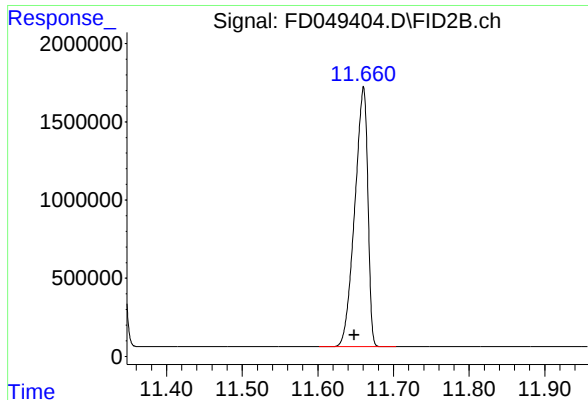
#7 n-Hexadecane (C16)

R.T.: 9.896 min
Delta R.T.: 0.007 min
Response: 15130345
Conc: 96.33 ug/ml



#8 n-Octadecane (C18)

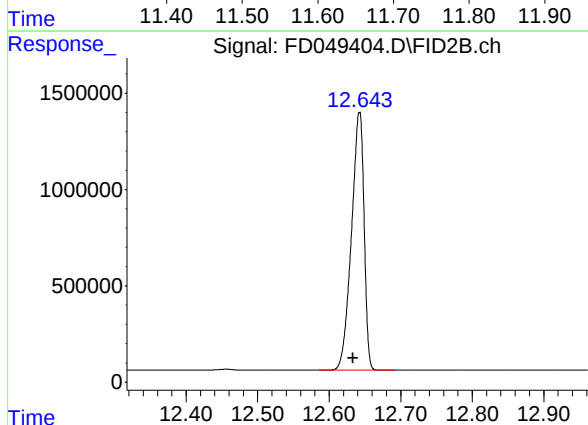
R.T.: 11.338 min
Delta R.T.: 0.011 min
Response: 16130695
Conc: 95.87 ug/ml



#9 ortho-Terphenyl (SURR)

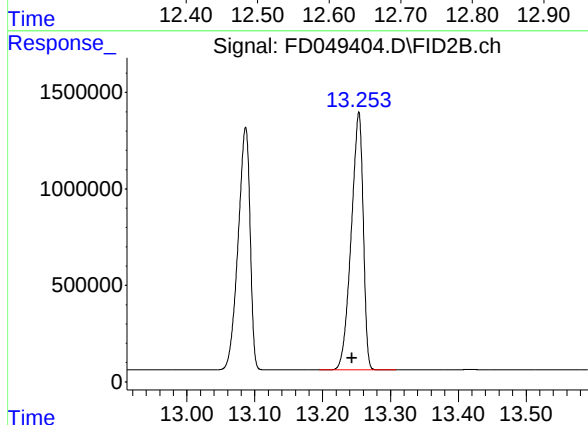
R.T.: 11.660 min
Delta R.T.: 0.012 min
Response: 19920437
Conc: 95.13 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM ALIPHATIC HC STD1



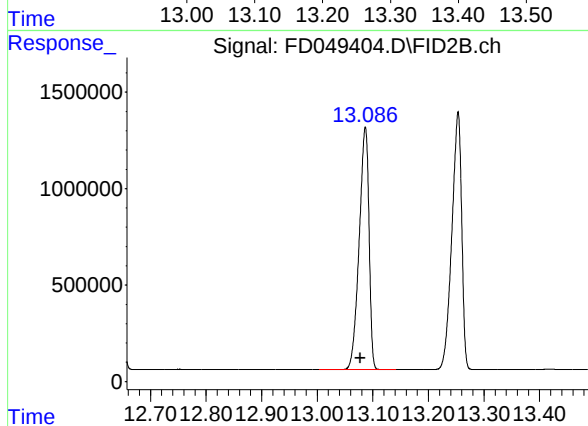
#10 n-Eicosane (C20)

R.T.: 12.642 min
Delta R.T.: 0.009 min
Response: 16405873
Conc: 95.33 ug/ml



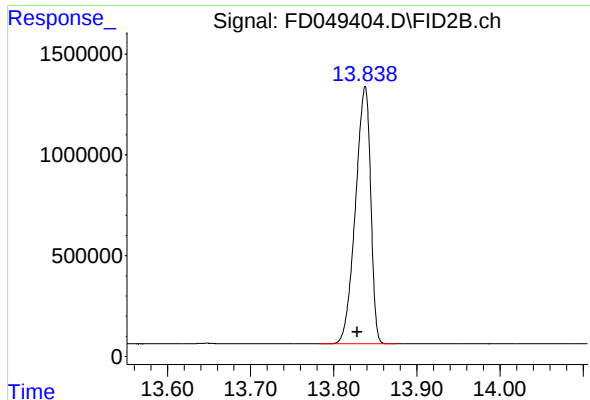
#11 n-Heneicosane (C21)

R.T.: 13.253 min
Delta R.T.: 0.010 min
Response: 16368823
Conc: 95.13 ug/ml



#12 1-chlorooctadecane (SURR)

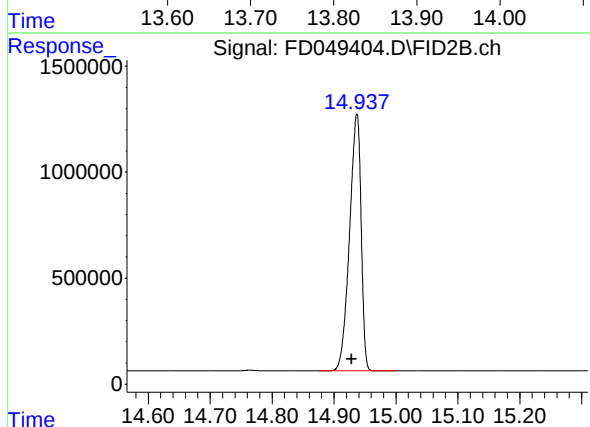
R.T.: 13.087 min
Delta R.T.: 0.009 min
Response: 15407228
Conc: 95.76 ug/ml



#13 n-Docosane (C22)

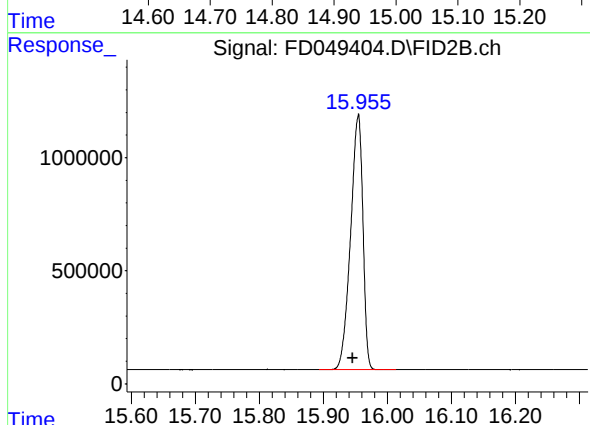
R.T.: 13.838 min
Delta R.T.: 0.010 min
Response: 16212119
Conc: 94.98 ug/ml

Instrument :
FID_D
ClientSampleId :
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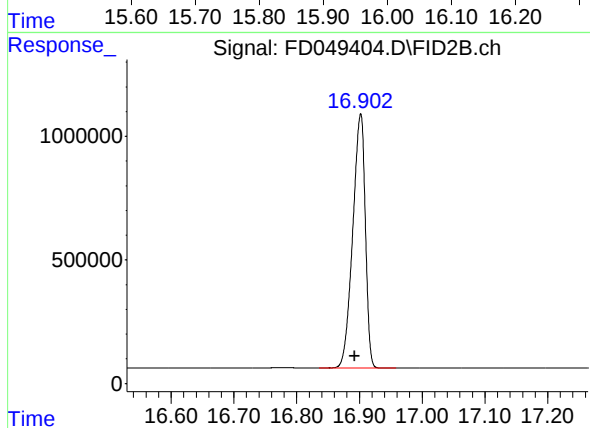
#14 n-Tetracosane (C24)

R.T.: 14.937 min
Delta R.T.: 0.009 min
Response: 15748776
Conc: 94.59 ug/ml



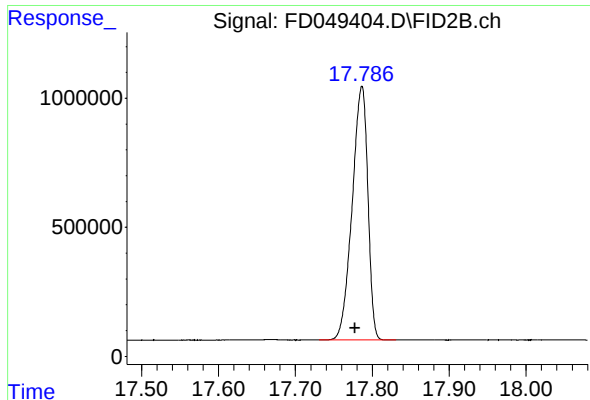
#15 n-Hexacosane (C26)

R.T.: 15.955 min
Delta R.T.: 0.009 min
Response: 15050731
Conc: 94.46 ug/ml



#16 n-Octacosane (C28)

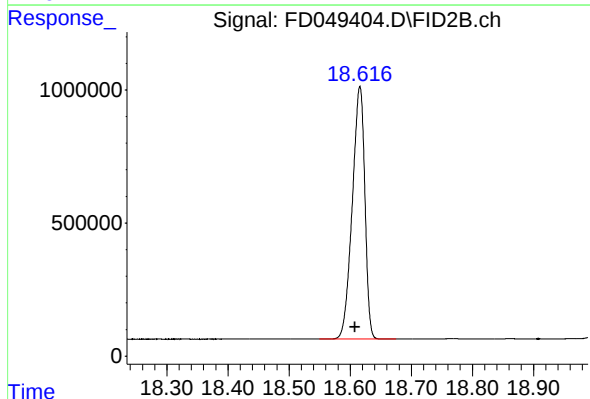
R.T.: 16.902 min
Delta R.T.: 0.010 min
Response: 14302018
Conc: 93.68 ug/ml



#17 n-Tricontane (C30)

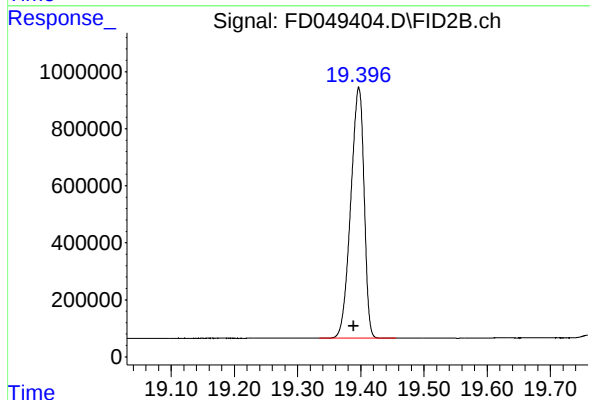
R.T.: 17.787 min
Delta R.T.: 0.009 min
Response: 13947464
Conc: 91.99 ug/ml

Instrument :
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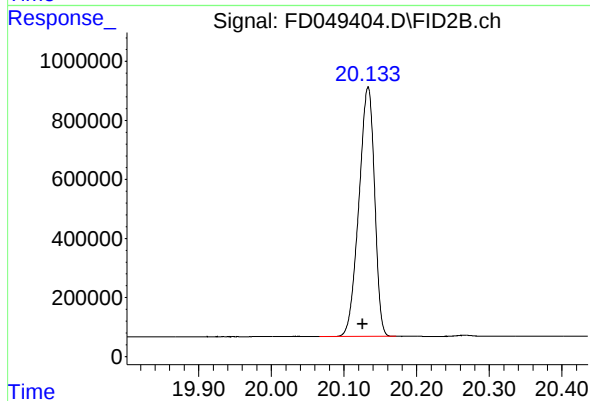
#18 n-Dotriacontane (C32)

R.T.: 18.616 min
Delta R.T.: 0.008 min
Response: 13555573
Conc: 91.41 ug/ml



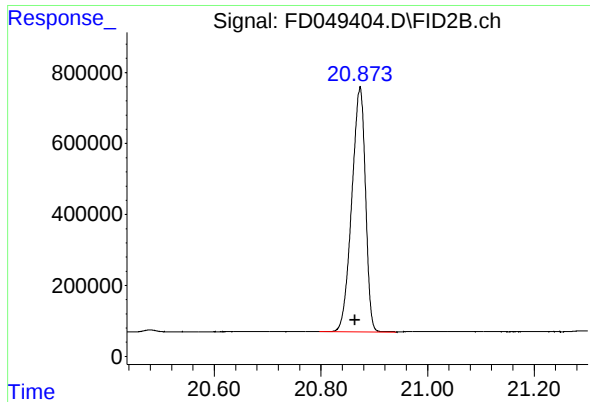
#19 n-Tetratriacontane (C34)

R.T.: 19.397 min
Delta R.T.: 0.008 min
Response: 12909742
Conc: 92.45 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.133 min
Delta R.T.: 0.008 min
Response: 12687761
Conc: 94.33 ug/ml



#21 n-Octatriacontane (C38)

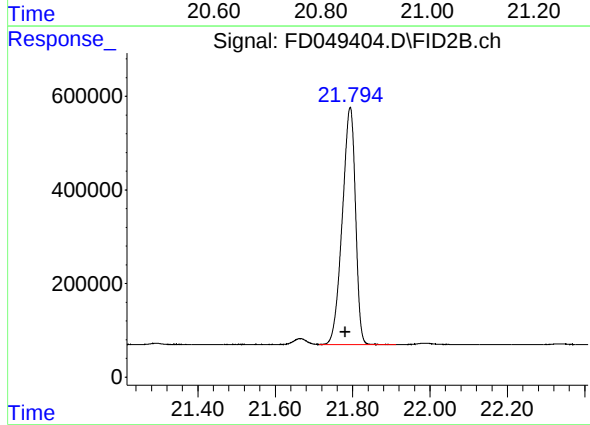
R.T.: 20.873 min
Delta R.T.: 0.010 min
Response: 12308992
Conc: 95.33 ug/ml

Instrument :

FID_D

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.794 min
Delta R.T.: 0.013 min
Response: 11993868
Conc: 95.86 ug/ml