

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012425AL\
 Data File : FD048955.D
 Signal(s) : FID2B.ch
 Acq On : 24 Jan 2025 14:50
 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: Jan 25 05:52:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 05:52:04 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)	11.251	18175252	91.317 ug/ml
Spiked Amount 50.000		Recovery =	182.63%
12) S 1-chlorooctadecane (S...	12.691	13867975	91.691 ug/ml
Spiked Amount 50.000		Recovery =	183.38%
Target Compounds			
1) T n-Nonane (C9)	3.110	15141146	92.795 ug/ml
2) T n-Decane (C10)	4.156	15437863	92.697 ug/ml
3) T A~Naphthalene (C11.7)	5.702	16999028	95.862 ug/ml
4) T n-Dodecane (C12)	6.150	15648522	92.499 ug/ml
5) T A~2-methylnaphthalene...	6.750	16554106	97.581 ug/ml
6) T n-Tetradecane (C14)	7.931	15643396	92.321 ug/ml
7) T n-Hexadecane (C16)	9.520	16253344	91.619 ug/ml
8) T n-Octadecane (C18)	10.954	16521396	91.038 ug/ml
10) T n-Eicosane (C20)	12.254	16016927	90.555 ug/ml
11) T n-Heneicosane (C21)	12.862	15834762	90.650 ug/ml
13) T n-Docosane (C22)	13.445	15791189	90.677 ug/ml
14) T n-Tetracosane (C24)	14.543	15771052	90.618 ug/ml
15) T n-Hexacosane (C26)	15.557	15486022	90.500 ug/ml
16) T n-Octacosane (C28)	16.502	15043355	89.072 ug/ml
17) T n-Tricontane (C30)	17.385	14970847	86.998 ug/ml
18) T n-Dotriacontane (C32)	18.211	14063812	85.801 ug/ml
19) T n-Tetratriacontane (C34)	18.990	12138917	87.211 ug/ml
20) T n-Hexatriacontane (C36)	19.724	10332554	89.100 ug/ml
21) T n-Octatriacontane (C38)	20.420	9564742	91.159 ug/ml
22) T n-Tetracontane (C40)	21.196	9075452	93.460 ug/ml

(f)=RT Delta > 1/2 Window

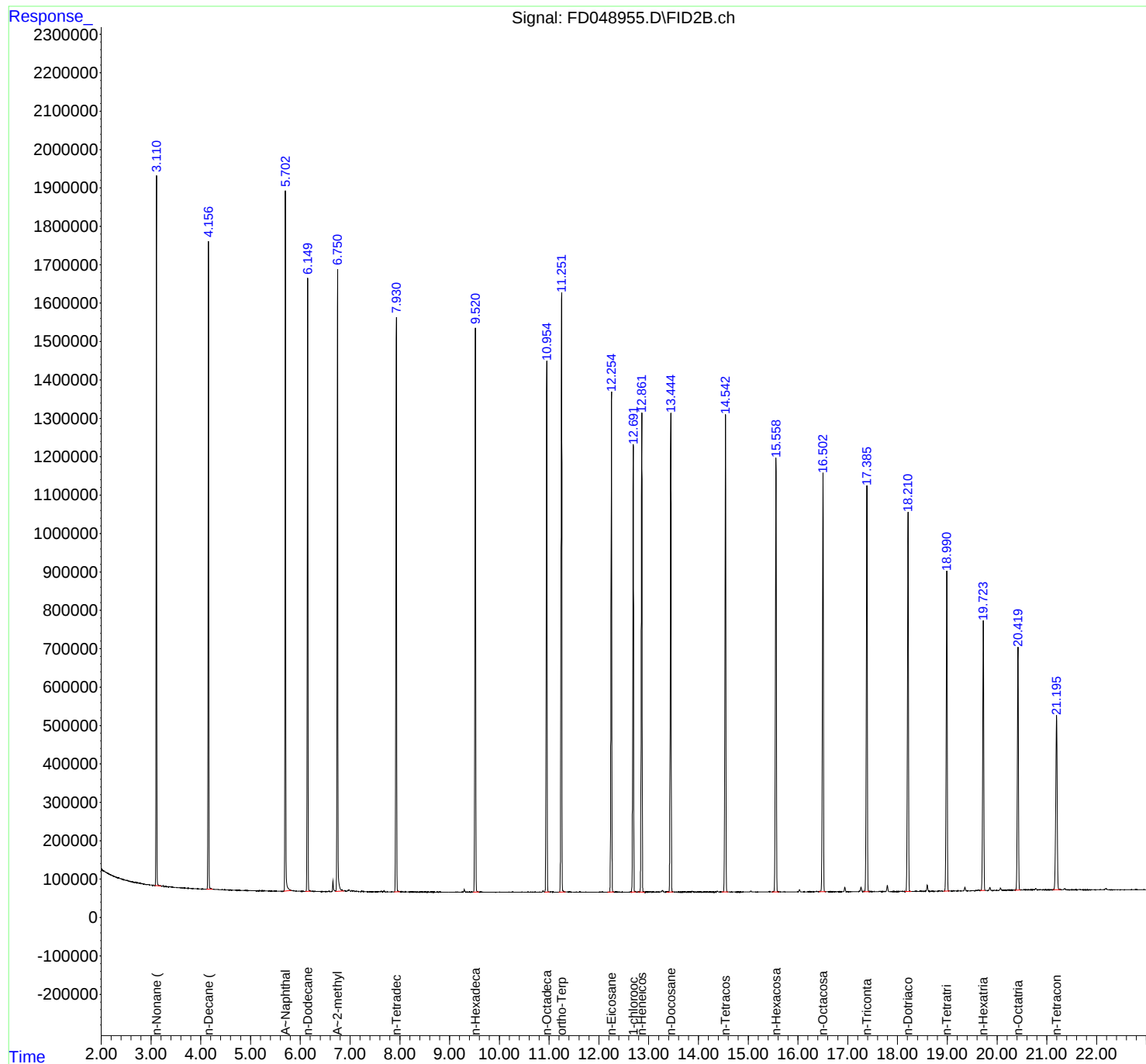
(m)=manual int.

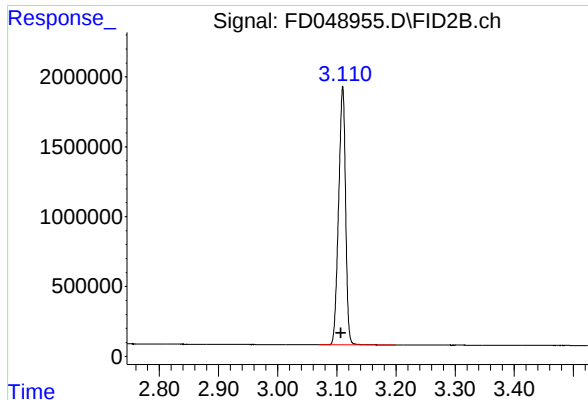
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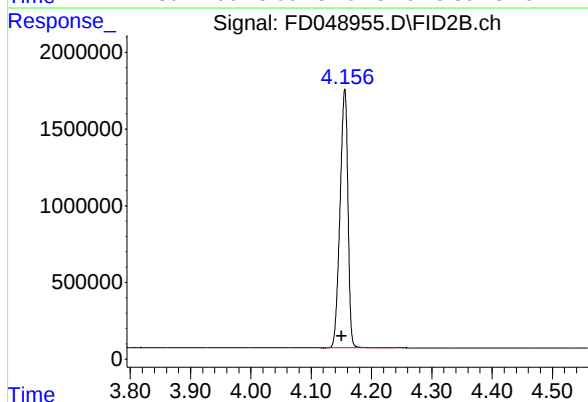




#1 n-Nonane (C9)

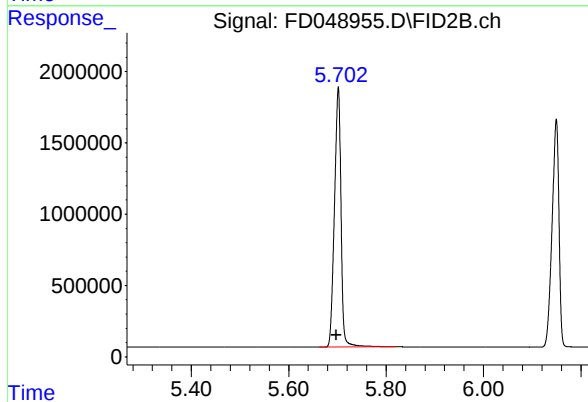
R.T.: 3.110 min
Delta R.T.: 0.003 min
Response: 15141146
Conc: 92.80 ug/ml

Instrument :
FID_D
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100 PPM ALIPHATIC HC STD1



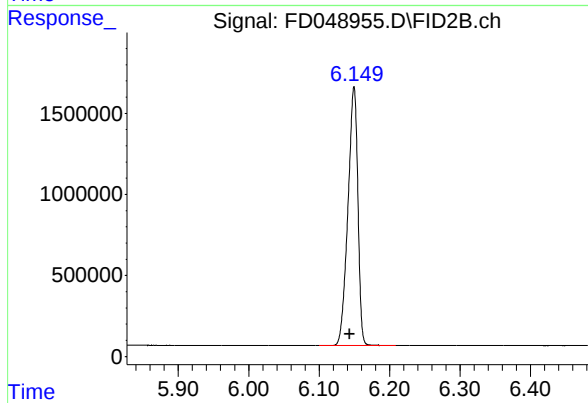
#2 n-Decane (C10)

R.T.: 4.156 min
Delta R.T.: 0.005 min
Response: 15437863
Conc: 92.70 ug/ml



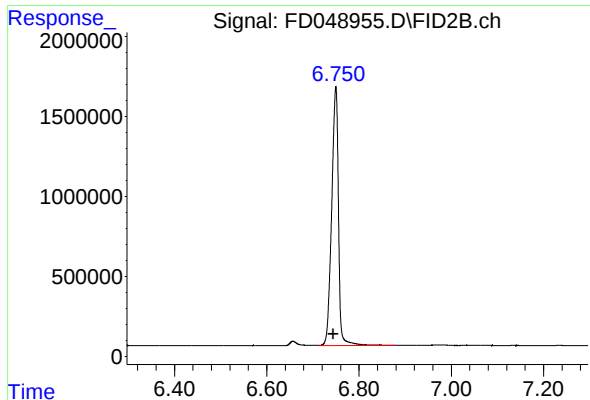
#3 A~Naphthalene (C11.7)

R.T.: 5.702 min
Delta R.T.: 0.004 min
Response: 16999028
Conc: 95.86 ug/ml



#4 n-Dodecane (C12)

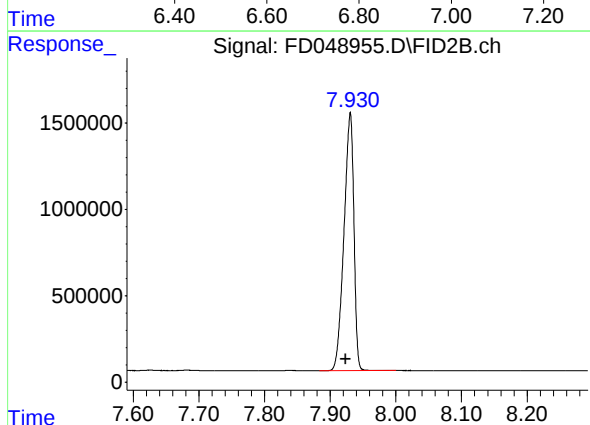
R.T.: 6.150 min
Delta R.T.: 0.006 min
Response: 15648522
Conc: 92.50 ug/ml



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

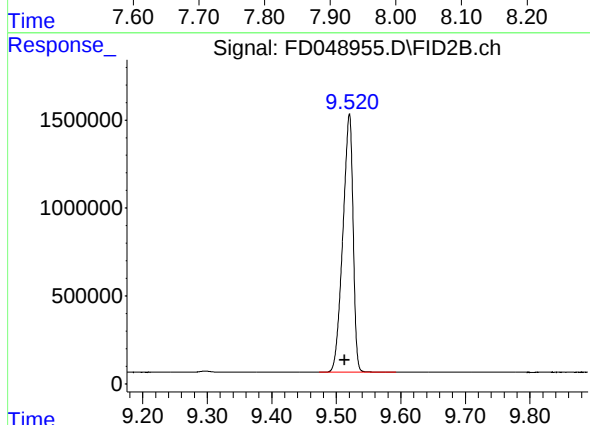
R.T.: 6.750 min
Delta R.T.: 0.006 min
Response: 16554106
Conc: 97.58 ug/ml

Instrument :
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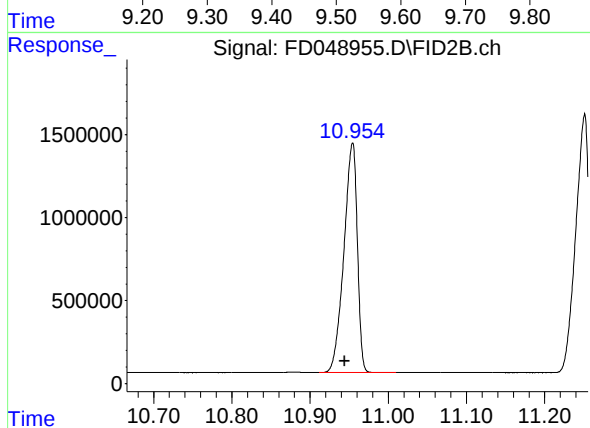
#6 n-Tetradecane (C14)

R.T.: 7.931 min
Delta R.T.: 0.007 min
Response: 15643396
Conc: 92.32 ug/ml



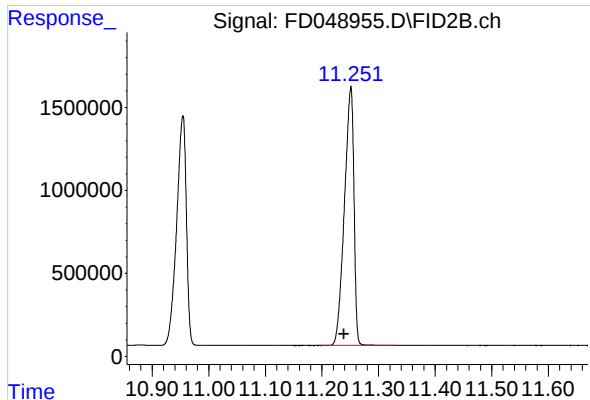
#7 n-Hexadecane (C16)

R.T.: 9.520 min
Delta R.T.: 0.007 min
Response: 16253344
Conc: 91.62 ug/ml



#8 n-Octadecane (C18)

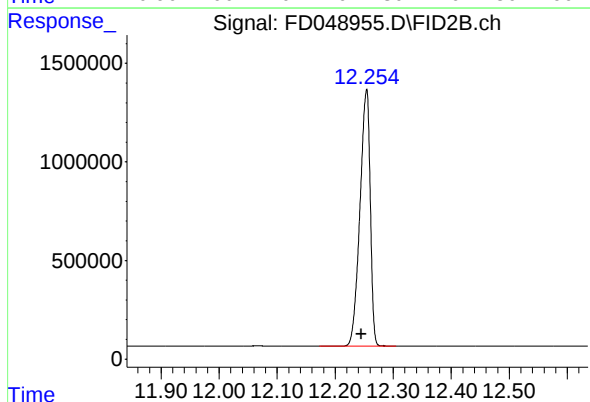
R.T.: 10.954 min
Delta R.T.: 0.010 min
Response: 16521396
Conc: 91.04 ug/ml



#9 ortho-Terphenyl (SURR)

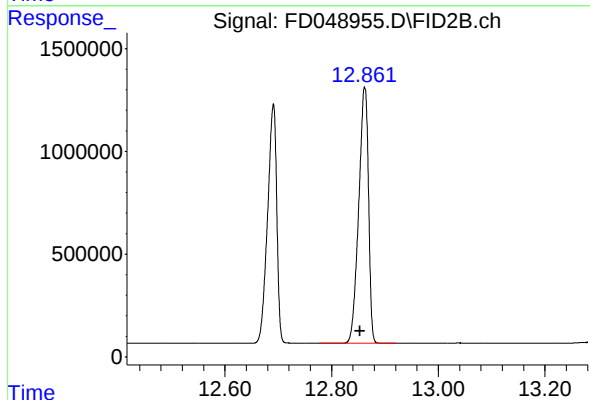
R.T.: 11.251 min
Delta R.T.: 0.012 min
Response: 18175252
Conc: 91.32 ug/ml

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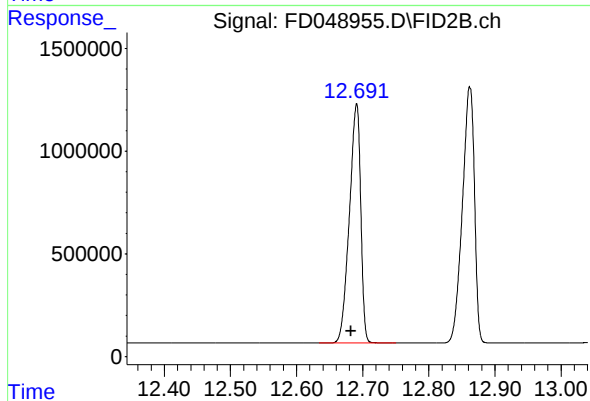
#10 n-Eicosane (C20)

R.T.: 12.254 min
Delta R.T.: 0.009 min
Response: 16016927
Conc: 90.56 ug/ml



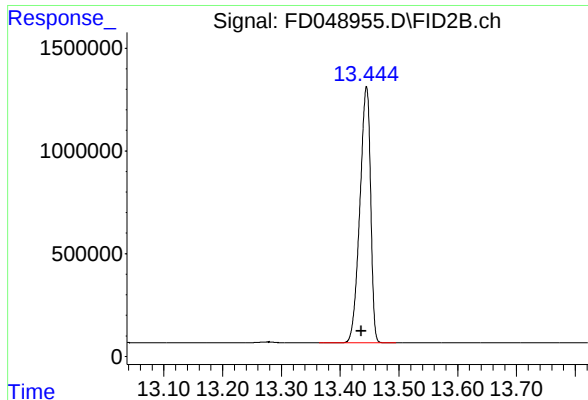
#11 n-Heneicosane (C21)

R.T.: 12.862 min
Delta R.T.: 0.009 min
Response: 15834762
Conc: 90.65 ug/ml



#12 1-chlorooctadecane (SURR)

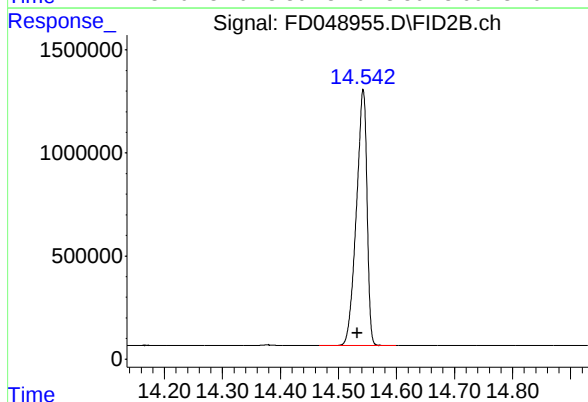
R.T.: 12.691 min
Delta R.T.: 0.008 min
Response: 13867975
Conc: 91.69 ug/ml



#13 n-Docosane (C22)

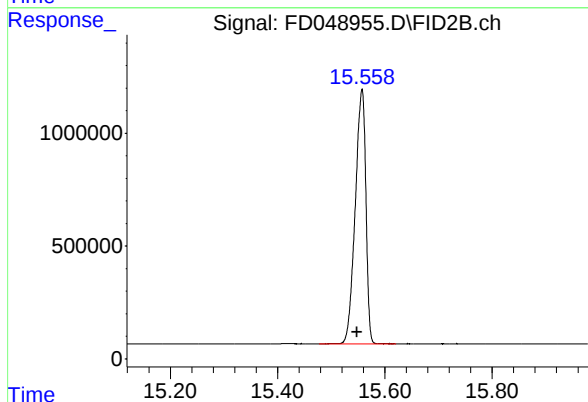
R.T.: 13.445 min
Delta R.T.: 0.009 min
Response: 15791189
Conc: 90.68 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM ALIPHATIC HC STD1



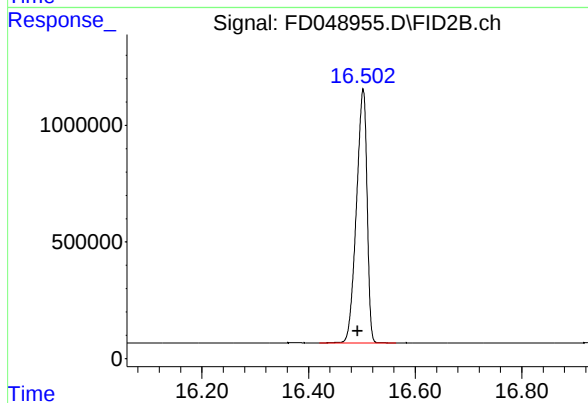
#14 n-Tetracosane (C24)

R.T.: 14.543 min
Delta R.T.: 0.010 min
Response: 15771052
Conc: 90.62 ug/ml



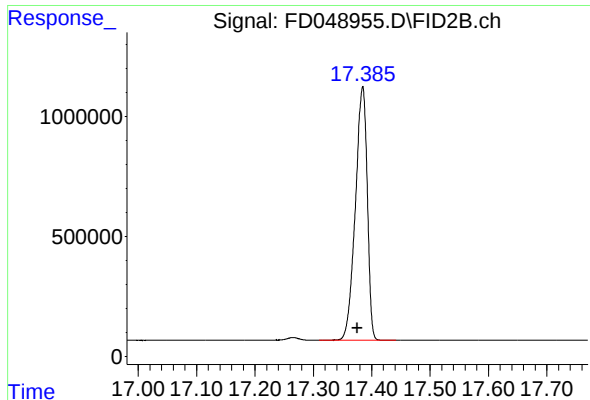
#15 n-Hexacosane (C26)

R.T.: 15.557 min
Delta R.T.: 0.010 min
Response: 15486022
Conc: 90.50 ug/ml



#16 n-Octacosane (C28)

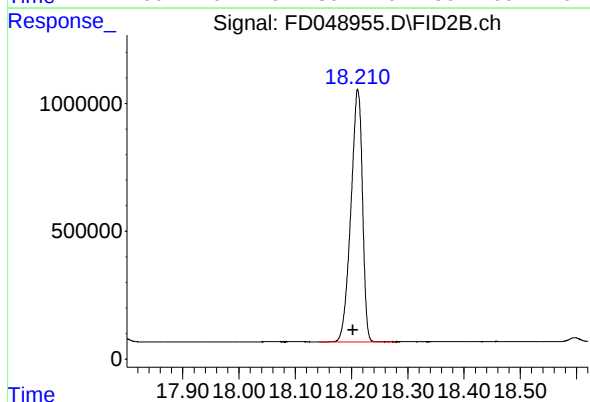
R.T.: 16.502 min
Delta R.T.: 0.010 min
Response: 15043355
Conc: 89.07 ug/ml



#17 n-Tricontane (C30)

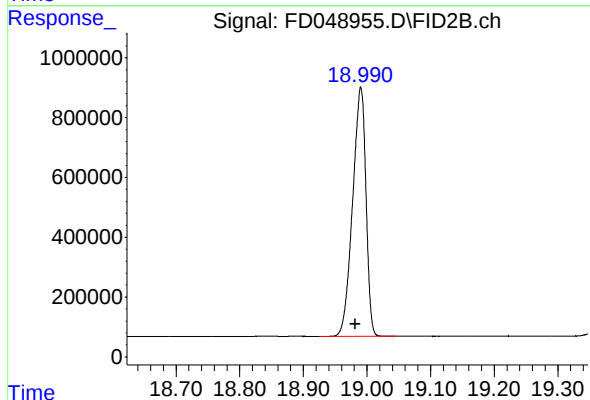
R.T.: 17.385 min
Delta R.T.: 0.010 min
Response: 14970847
Conc: 87.00 ug/ml

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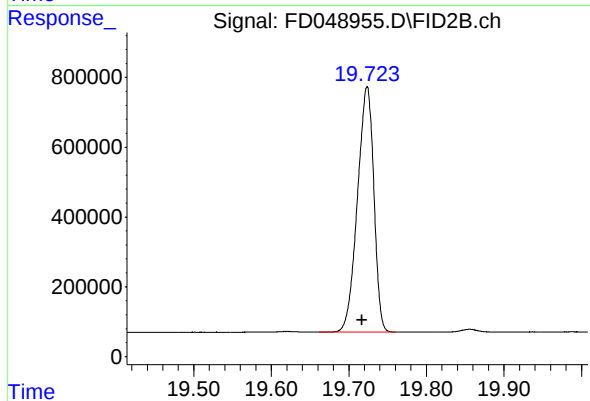
#18 n-Dotriacontane (C32)

R.T.: 18.211 min
Delta R.T.: 0.008 min
Response: 14063812
Conc: 85.80 ug/ml



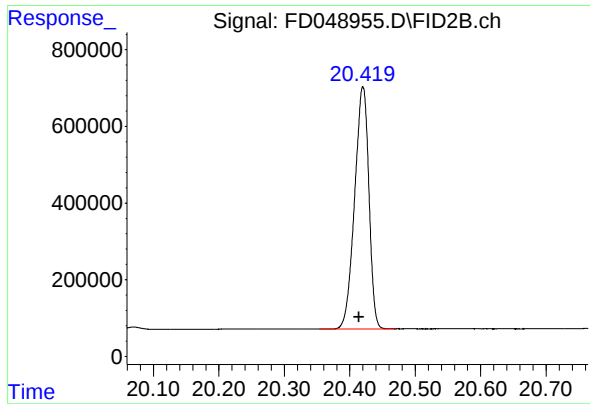
#19 n-Tetratriacontane (C34)

R.T.: 18.990 min
Delta R.T.: 0.009 min
Response: 12138917
Conc: 87.21 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.724 min
Delta R.T.: 0.007 min
Response: 10332554
Conc: 89.10 ug/ml



#21 n-Octatriacontane (C38)

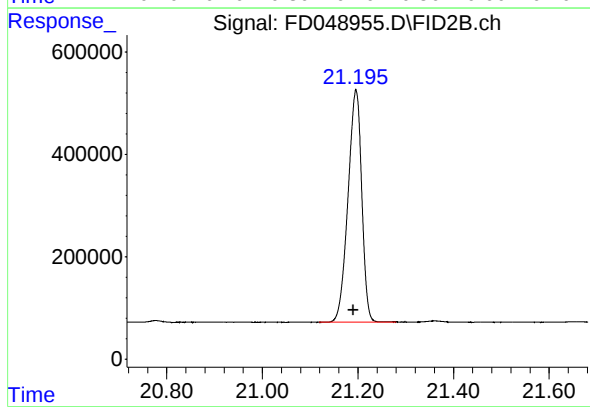
R.T.: 20.420 min
Delta R.T.: 0.006 min
Response: 9564742
Conc: 91.16 ug/ml

Instrument :

FID_D

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.196 min
Delta R.T.: 0.005 min
Response: 9075452
Conc: 93.46 ug/ml