

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032925AL\
 Data File : FE053057.D
 Signal(s) : FID1B.ch
 Acq On : 28 Mar 2025 23:09
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Mar 31 02:33:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:32:07 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)	11.905	15124462	92.180 ug/ml
Spiked Amount 50.000		Recovery =	184.36%
12) S 1-chlorooctadecane (S...	13.346	11256528	93.004 ug/ml
Spiked Amount 50.000		Recovery =	186.01%
Target Compounds			
1) T n-Nonane (C9)	3.245	14467051	92.982 ug/ml
2) T n-Decane (C10)	4.507	14671828	92.985 ug/ml
3) T A~Naphthalene (C11.7)	6.219	15876340	93.560 ug/ml
4) T n-Dodecane (C12)	6.687	14648617	93.109 ug/ml
5) T A~2-methylnaphthalene...	7.322	15149487	93.605 ug/ml
6) T n-Tetradecane (C14)	8.524	14259186	92.600 ug/ml
7) T n-Hexadecane (C16)	10.139	14338657	92.193 ug/ml
8) T n-Octadecane (C18)	11.588	14068370	91.866 ug/ml
10) T n-Eicosane (C20)	12.901	13195143	91.680 ug/ml
11) T n-Heneicosane (C21)	13.515	12858355	91.984 ug/ml
13) T n-Docosane (C22)	14.102	12690489	92.035 ug/ml
14) T n-Tetracosane (C24)	15.208	12543071	92.480 ug/ml
15) T n-Hexacosane (C26)	16.232	12367318	92.203 ug/ml
16) T n-Octacosane (C28)	17.184	12193900	92.212 ug/ml
17) T n-Tricontane (C30)	18.074	12479859	92.084 ug/ml
18) T n-Dotriacontane (C32)	18.907	12339520	91.923 ug/ml
19) T n-Tetratriacontane (C34)	19.692	11894139	92.113 ug/ml
20) T n-Hexatriacontane (C36)	20.434	11060374	93.779 ug/ml
21) T n-Octatriacontane (C38)	21.172	10654154	92.570 ug/ml
22) T n-Tetracontane (C40)	22.088	10335178	90.961 ug/ml

(f)=RT Delta > 1/2 Window

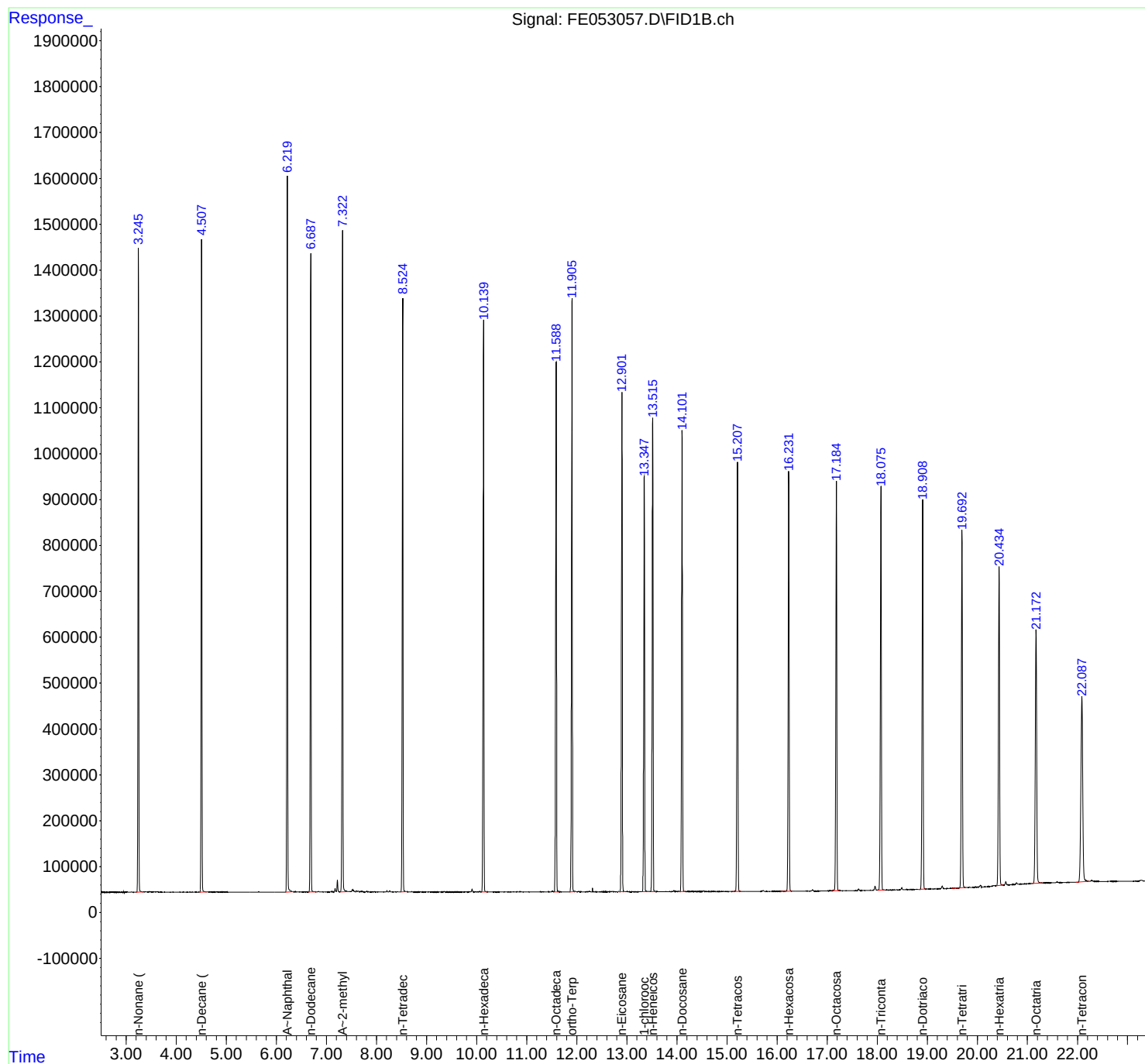
(m)=manual int.

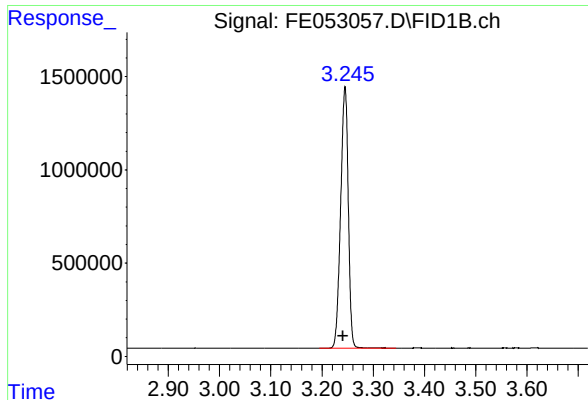
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032925AL\
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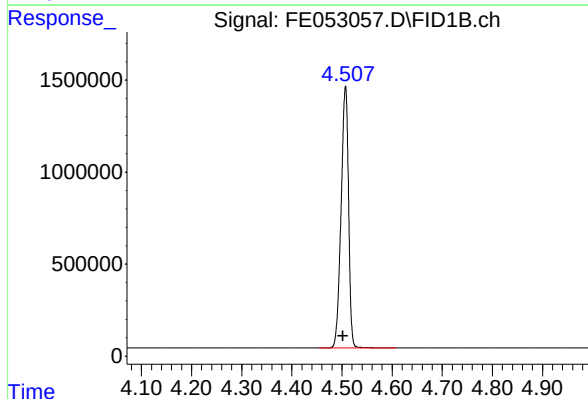




#1 n-Nonane (C9)

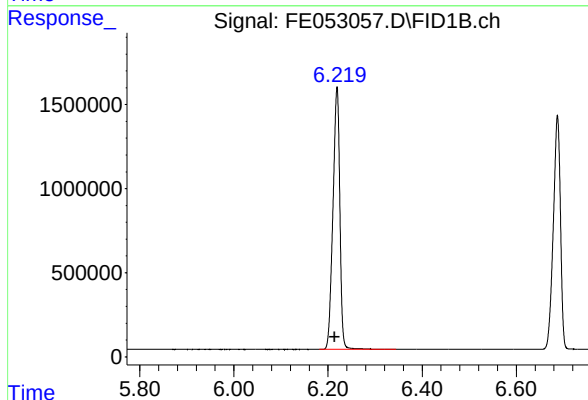
R.T.: 3.245 min
Delta R.T.: 0.004 min
Response: 14467051
Conc: 92.98 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



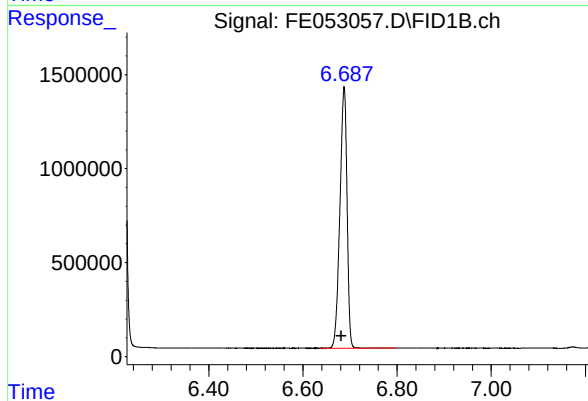
#2 n-Decane (C10)

R.T.: 4.507 min
Delta R.T.: 0.005 min
Response: 14671828
Conc: 92.99 ug/ml



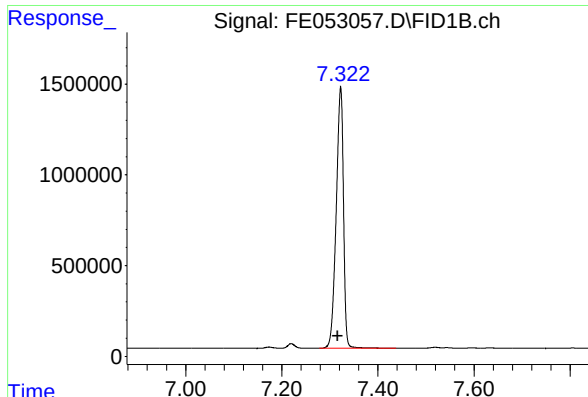
#3 A~Naphthalene (C11.7)

R.T.: 6.219 min
Delta R.T.: 0.005 min
Response: 15876340
Conc: 93.56 ug/ml



#4 n-Dodecane (C12)

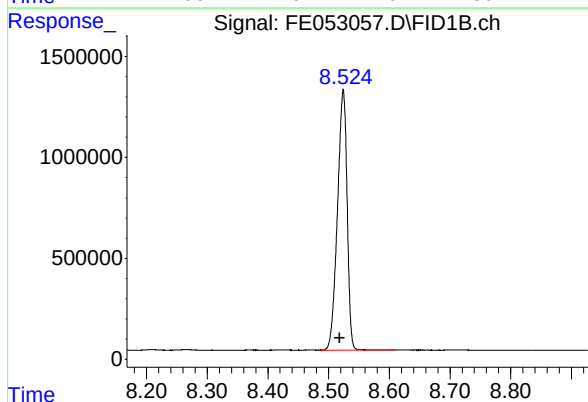
R.T.: 6.687 min
Delta R.T.: 0.005 min
Response: 14648617
Conc: 93.11 ug/ml



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

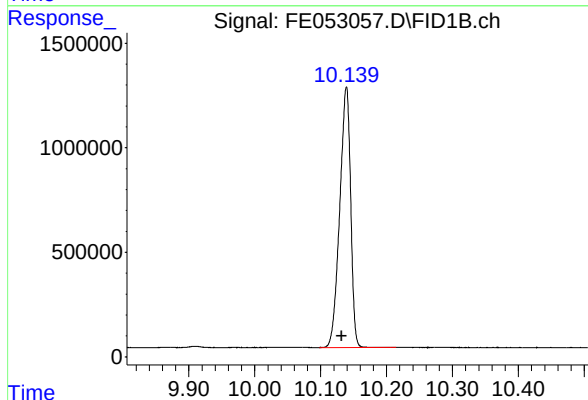
R.T.: 7.322 min
Delta R.T.: 0.006 min
Response: 15149487
Conc: 93.60 ug/ml

Instrument :
FID_E
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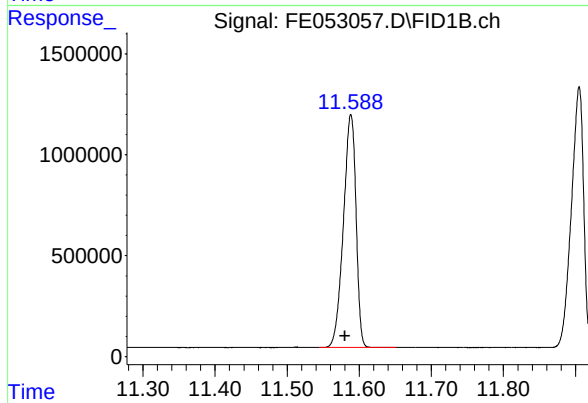
#6 n-Tetradecane (C14)

R.T.: 8.524 min
Delta R.T.: 0.006 min
Response: 14259186
Conc: 92.60 ug/ml



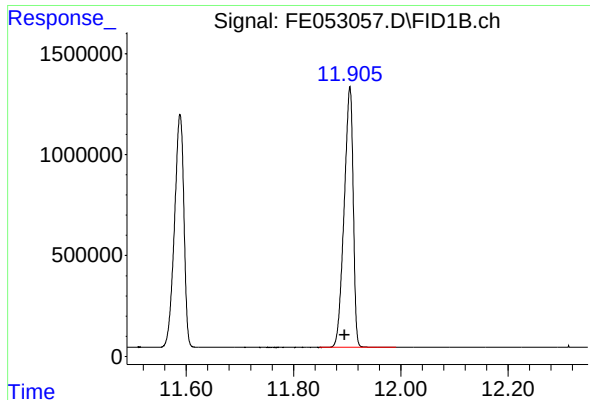
#7 n-Hexadecane (C16)

R.T.: 10.139 min
Delta R.T.: 0.007 min
Response: 14338657
Conc: 92.19 ug/ml



#8 n-Octadecane (C18)

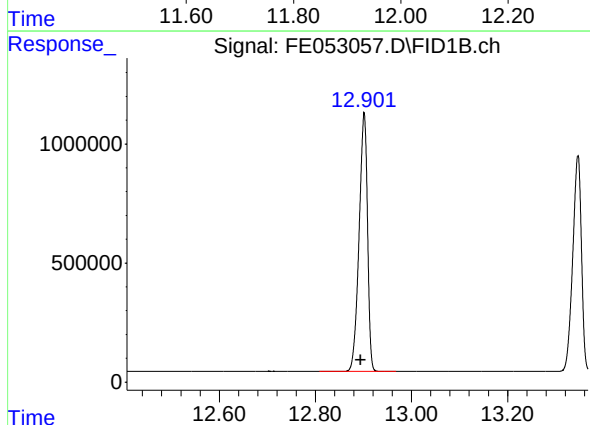
R.T.: 11.588 min
Delta R.T.: 0.008 min
Response: 14068370
Conc: 91.87 ug/ml



#9 ortho-Terphenyl (SURR)

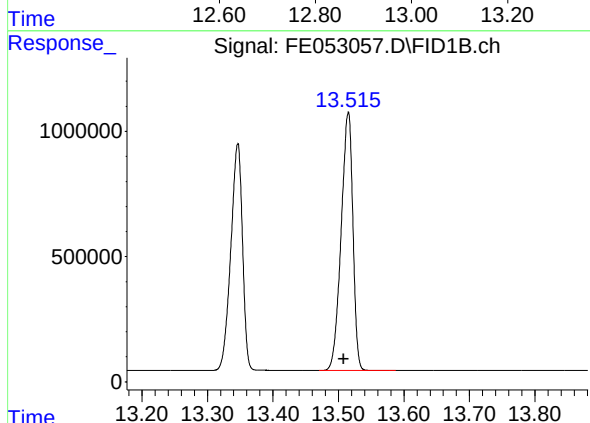
R.T.: 11.905 min
Delta R.T.: 0.009 min
Response: 15124462
Conc: 92.18 ug/ml

Instrument :
FID_E
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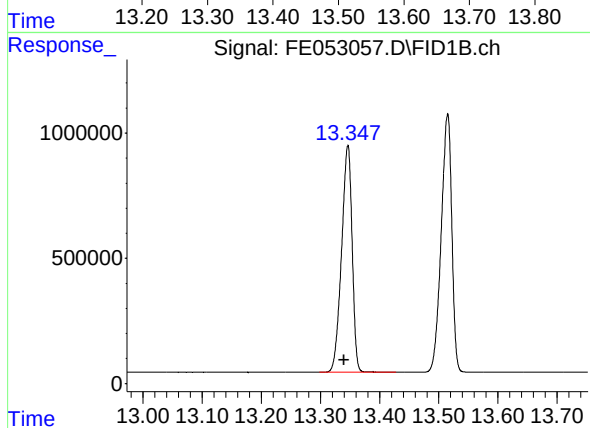
#10 n-Eicosane (C20)

R.T.: 12.901 min
Delta R.T.: 0.007 min
Response: 13195143
Conc: 91.68 ug/ml



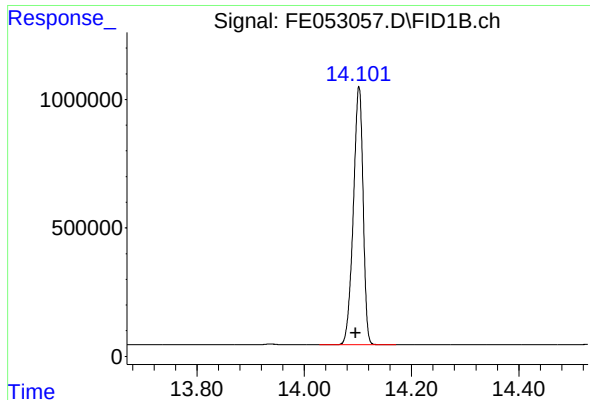
#11 n-Heneicosane (C21)

R.T.: 13.515 min
Delta R.T.: 0.007 min
Response: 12858355
Conc: 91.98 ug/ml



#12 1-chlorooctadecane (SURR)

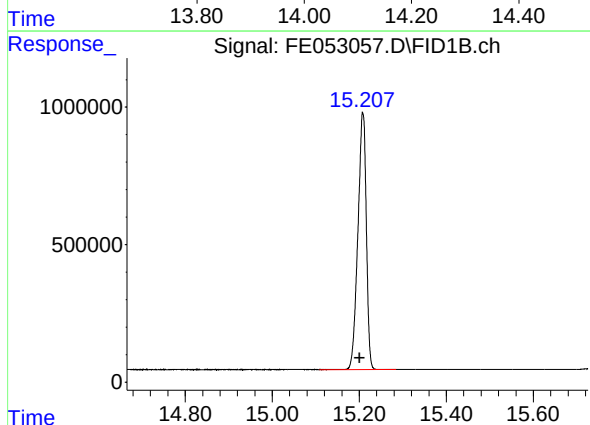
R.T.: 13.346 min
Delta R.T.: 0.006 min
Response: 11256528
Conc: 93.00 ug/ml



#13 n-Docosane (C22)

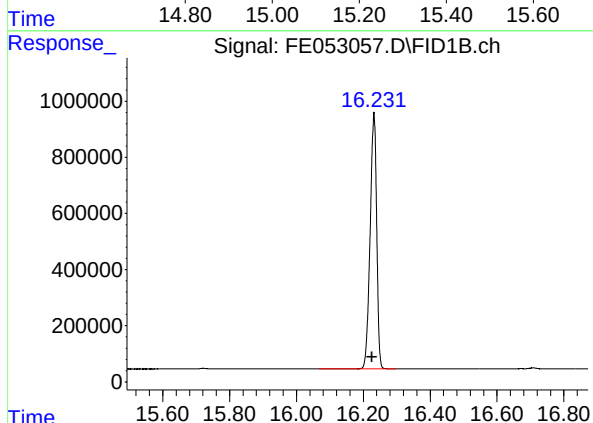
R.T.: 14.102 min
Delta R.T.: 0.006 min
Response: 12690489
Conc: 92.04 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



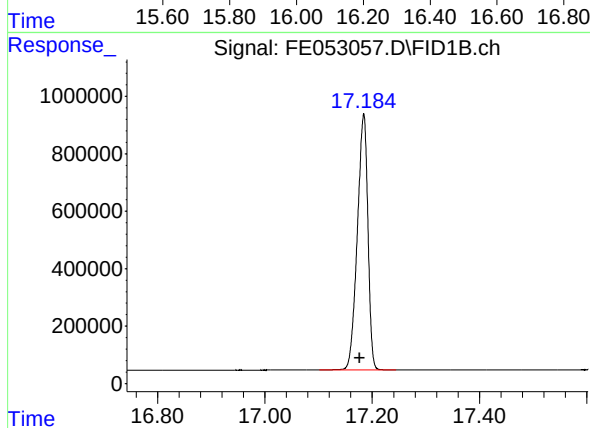
#14 n-Tetracosane (C24)

R.T.: 15.208 min
Delta R.T.: 0.007 min
Response: 12543071
Conc: 92.48 ug/ml



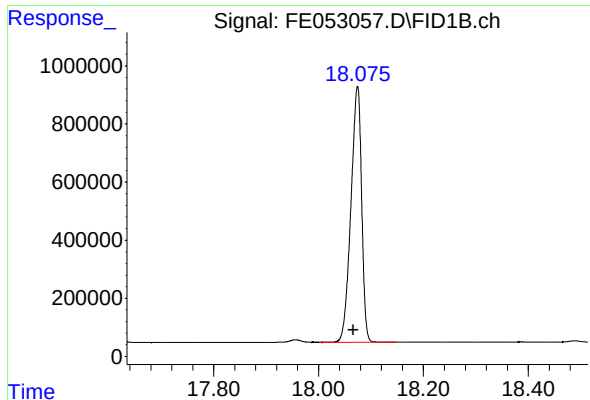
#15 n-Hexacosane (C26)

R.T.: 16.232 min
Delta R.T.: 0.006 min
Response: 12367318
Conc: 92.20 ug/ml



#16 n-Octacosane (C28)

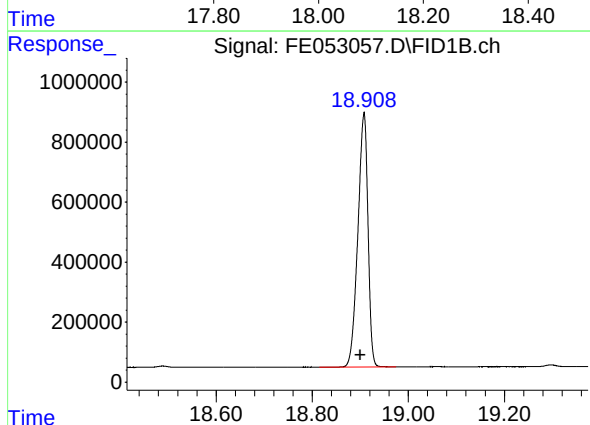
R.T.: 17.184 min
Delta R.T.: 0.007 min
Response: 12193900
Conc: 92.21 ug/ml



#17 n-Tricontane (C30)

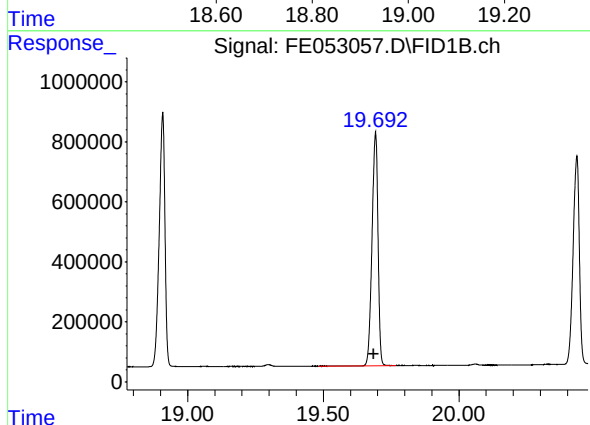
R.T.: 18.074 min
Delta R.T.: 0.008 min
Response: 12479859
Conc: 92.08 ug/ml

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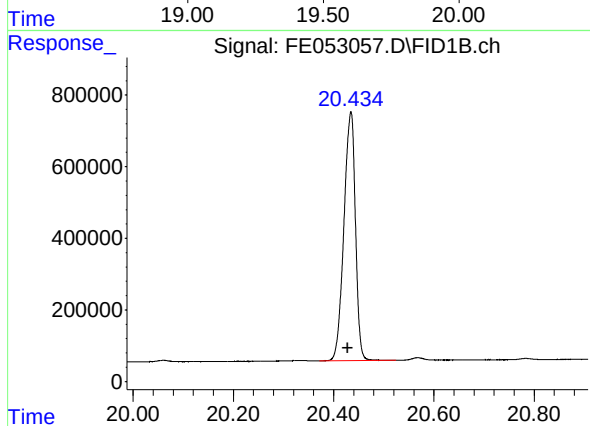
#18 n-Dotriacontane (C32)

R.T.: 18.907 min
Delta R.T.: 0.007 min
Response: 12339520
Conc: 91.92 ug/ml



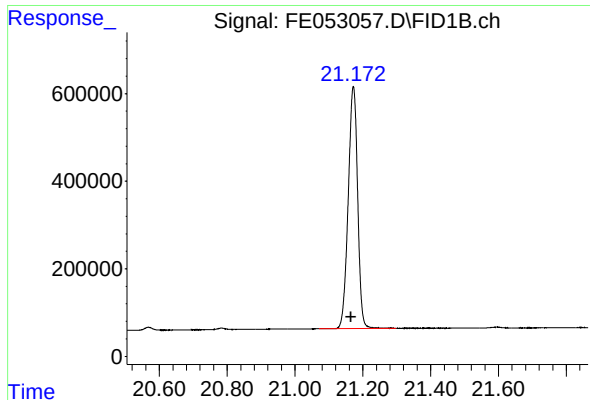
#19 n-Tetatriacontane (C34)

R.T.: 19.692 min
Delta R.T.: 0.006 min
Response: 11894139
Conc: 92.11 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.434 min
Delta R.T.: 0.006 min
Response: 11060374
Conc: 93.78 ug/ml



#21 n-Octatriacontane (C38)

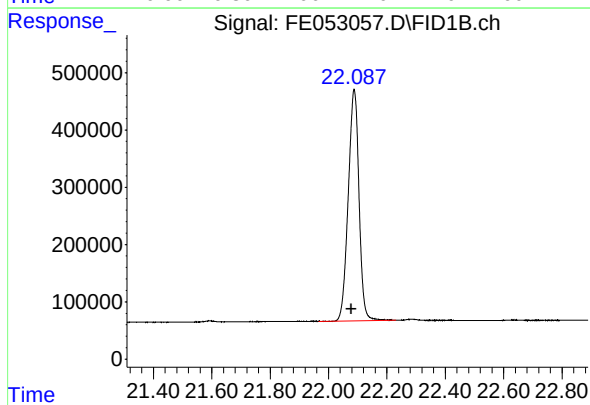
R.T.: 21.172 min
Delta R.T.: 0.007 min
Response: 10654154
Conc: 92.57 ug/ml

Instrument :

FID_E

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.088 min
Delta R.T.: 0.009 min
Response: 10335178
Conc: 90.96 ug/ml