

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021325AL\
 Data File : FE052377.D
 Signal(s) : FID1B.ch
 Acq On : 13 Feb 2025 15:43
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Feb 13 17:50:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 13 17:40:38 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)	11.930	16985369	94.240 ug/ml
Spiked Amount 50.000		Recovery =	188.48%
12) S 1-chlorooctadecane (S...	13.375	12625106	94.179 ug/ml
Spiked Amount 50.000		Recovery =	188.36%
Target Compounds			
1) T n-Nonane (C9)	3.259	14121032	95.153 ug/ml
2) T n-Decane (C10)	4.522	14372715	95.077 ug/ml
3) T A~Naphthalene (C11.7)	6.235	15906969	95.118 ug/ml
4) T n-Dodecane (C12)	6.706	14533519	95.138 ug/ml
5) T A~2-methylnaphthalene...	7.340	15558685	95.388 ug/ml
6) T n-Tetradecane (C14)	8.544	14480184	95.030 ug/ml
7) T n-Hexadecane (C16)	10.161	14913654	94.501 ug/ml
8) T n-Octadecane (C18)	11.614	14983859	94.090 ug/ml
10) T n-Eicosane (C20)	12.929	14387415	93.932 ug/ml
11) T n-Heneicosane (C21)	13.544	14154776	93.966 ug/ml
13) T n-Docosane (C22)	14.133	14081950	93.737 ug/ml
14) T n-Tetracosane (C24)	15.240	14021801	93.511 ug/ml
15) T n-Hexacosane (C26)	16.265	13761147	93.411 ug/ml
16) T n-Octacosane (C28)	17.219	13388517	92.650 ug/ml
17) T n-Tricontane (C30)	18.110	13371373	91.607 ug/ml
18) T n-Dotriacontane (C32)	18.945	12771824	90.647 ug/ml
19) T n-Tetratriacontane (C34)	19.733	11734062	90.904 ug/ml
20) T n-Hexatriacontane (C36)	20.474	10205441	90.748 ug/ml
21) T n-Octatriacontane (C38)	21.221	9198064	91.428 ug/ml
22) T n-Tetracontane (C40)	22.152	8704198	92.404 ug/ml

(f)=RT Delta > 1/2 Window

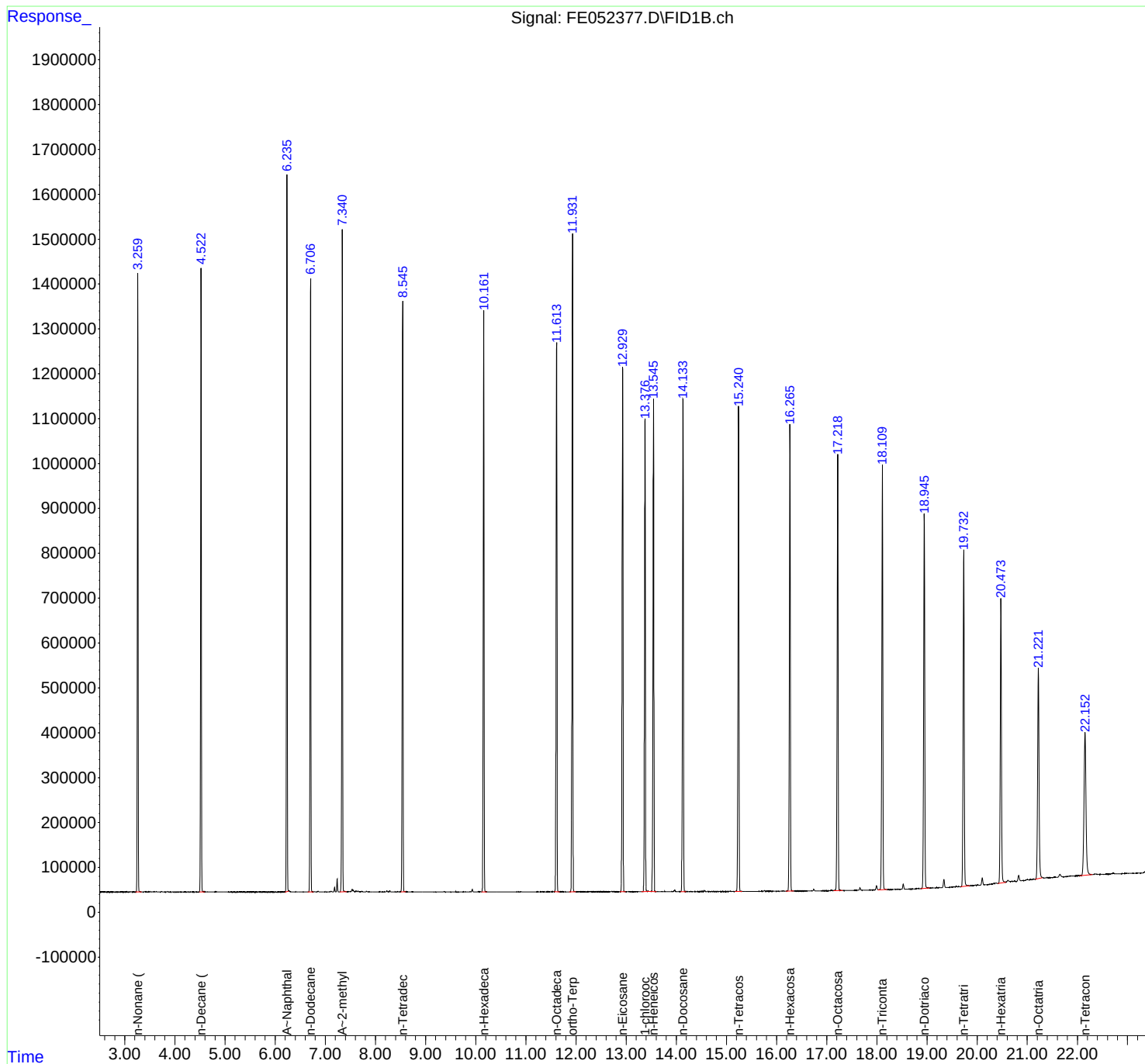
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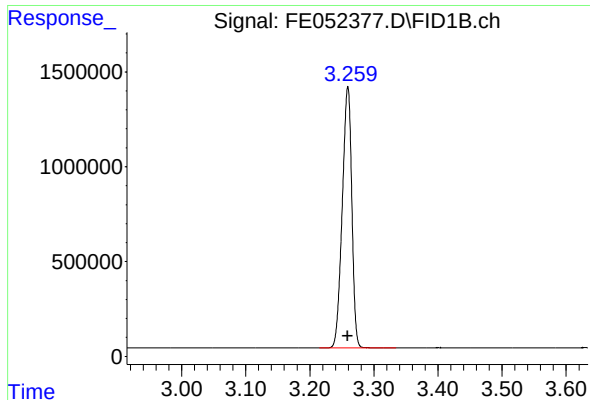
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021325AL\
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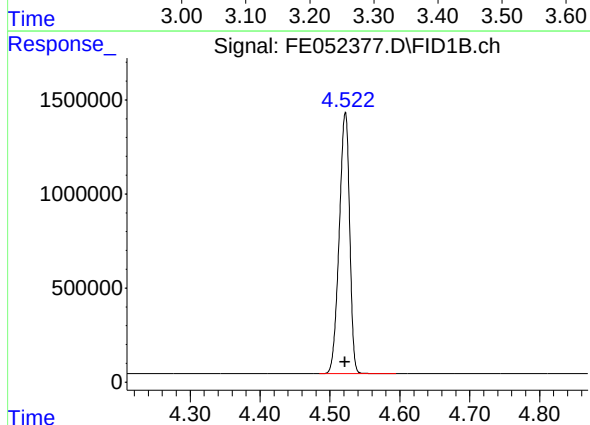




#1 n-Nonane (C9)

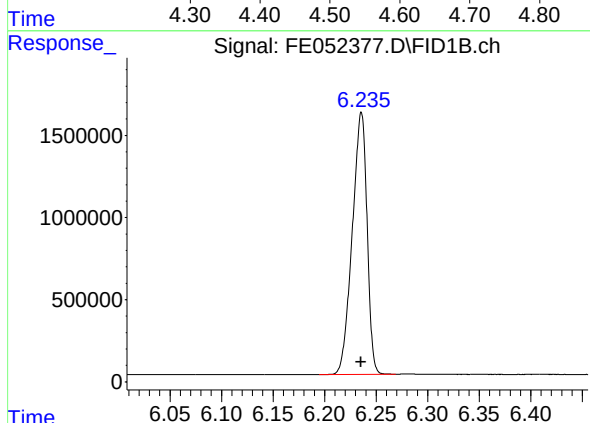
R.T.: 3.259 min
Delta R.T.: 0.000 min
Response: 14121032
Conc: 95.15 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



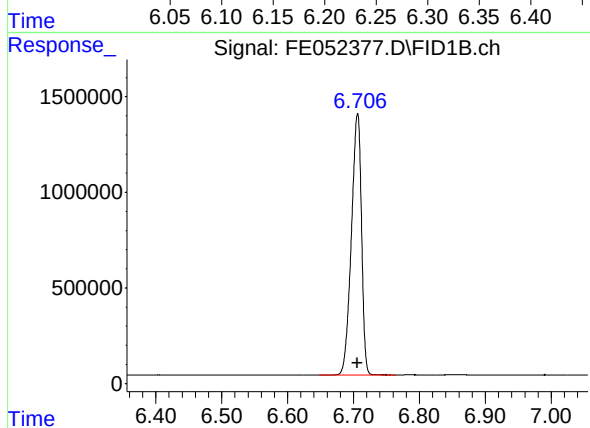
#2 n-Decane (C10)

R.T.: 4.522 min
Delta R.T.: 0.000 min
Response: 14372715
Conc: 95.08 ug/ml



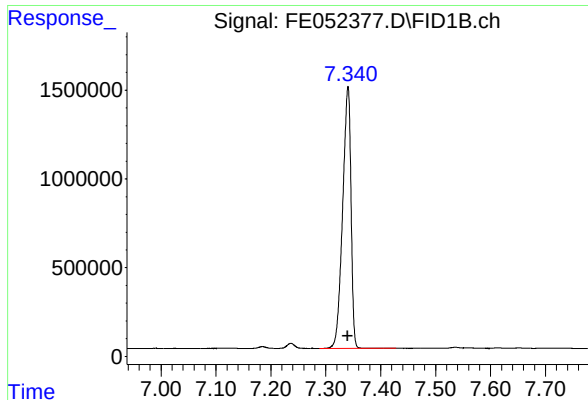
#3 A~Naphthalene (C11.7)

R.T.: 6.235 min
Delta R.T.: 0.000 min
Response: 15906969
Conc: 95.12 ug/ml



#4 n-Dodecane (C12)

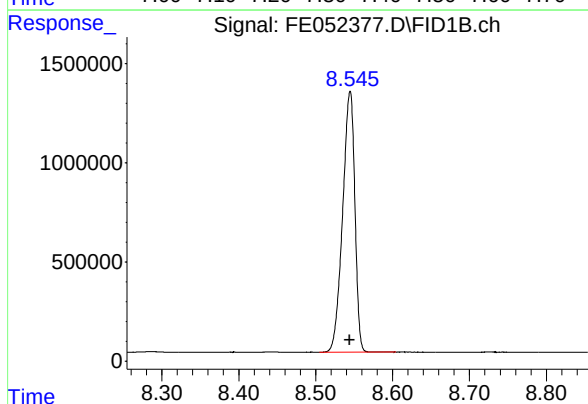
R.T.: 6.706 min
Delta R.T.: 0.000 min
Response: 14533519
Conc: 95.14 ug/ml



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

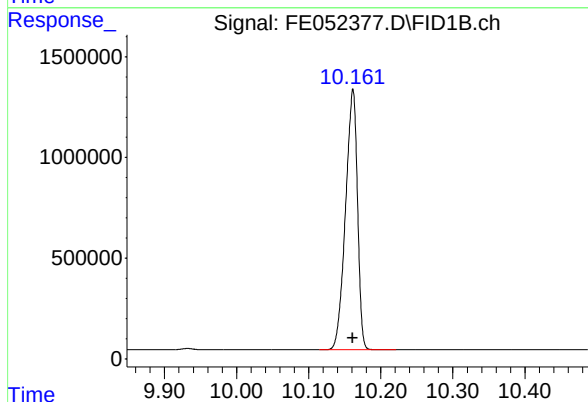
R.T.: 7.340 min
Delta R.T.: 0.000 min
Response: 15558685
Conc: 95.39 ug/ml

Instrument :
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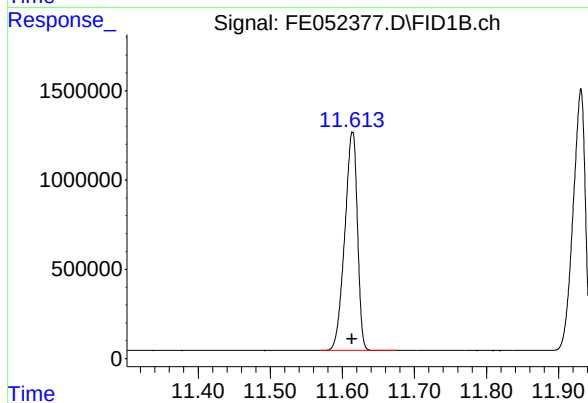
#6 n-Tetradecane (C14)

R.T.: 8.544 min
Delta R.T.: 0.000 min
Response: 14480184
Conc: 95.03 ug/ml



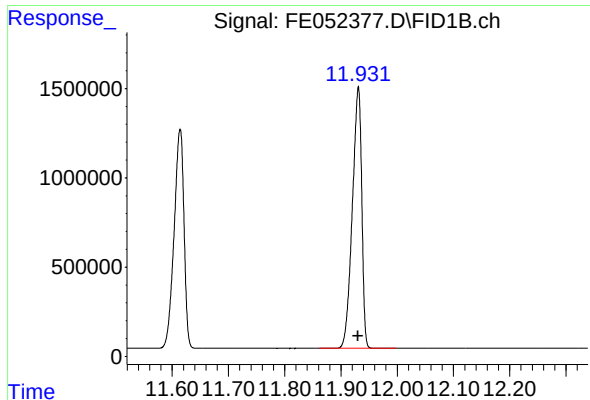
#7 n-Hexadecane (C16)

R.T.: 10.161 min
Delta R.T.: 0.000 min
Response: 14913654
Conc: 94.50 ug/ml



#8 n-Octadecane (C18)

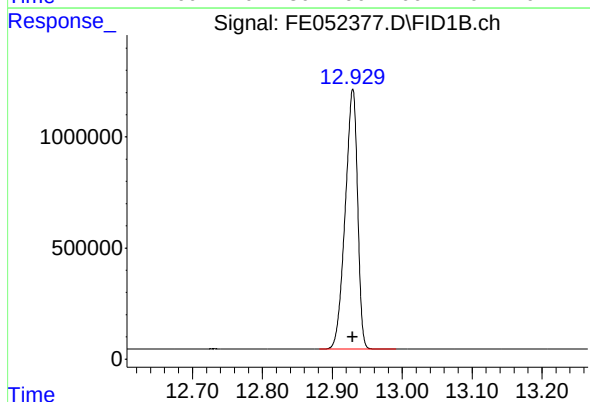
R.T.: 11.614 min
Delta R.T.: 0.000 min
Response: 14983859
Conc: 94.09 ug/ml



#9 ortho-Terphenyl (SURR)

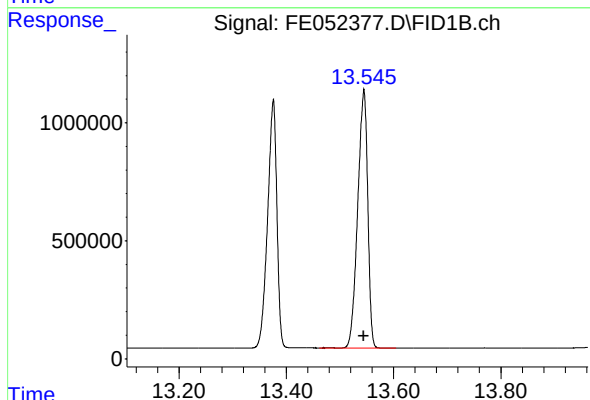
R.T.: 11.930 min
Delta R.T.: 0.000 min
Response: 16985369
Conc: 94.24 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



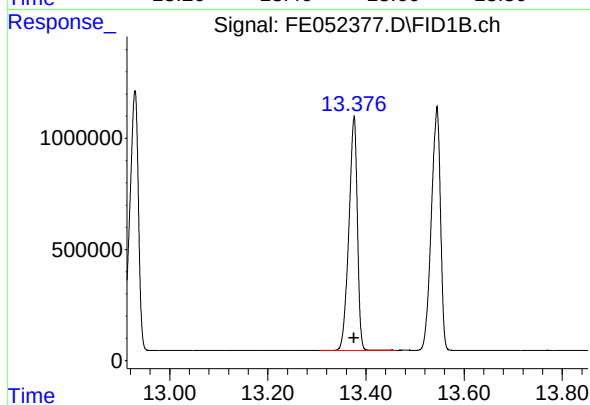
#10 n-Eicosane (C20)

R.T.: 12.929 min
Delta R.T.: 0.000 min
Response: 14387415
Conc: 93.93 ug/ml



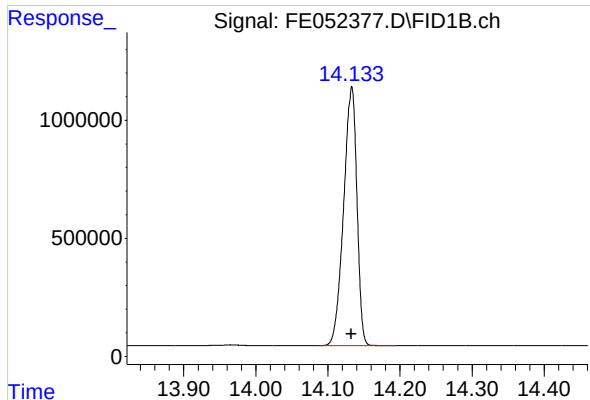
#11 n-Heneicosane (C21)

R.T.: 13.544 min
Delta R.T.: 0.000 min
Response: 14154776
Conc: 93.97 ug/ml



#12 1-chlorooctadecane (SURR)

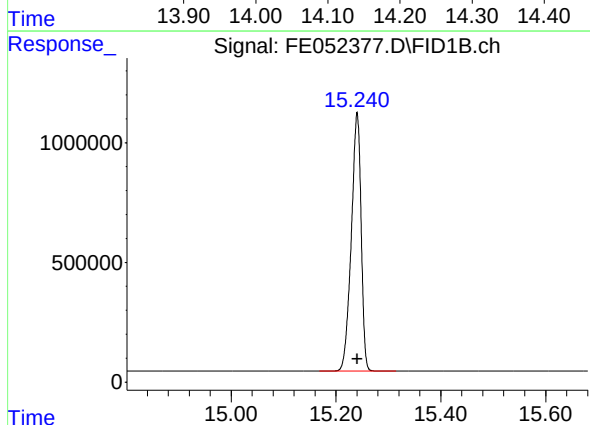
R.T.: 13.375 min
Delta R.T.: 0.000 min
Response: 12625106
Conc: 94.18 ug/ml



#13 n-Docosane (C22)

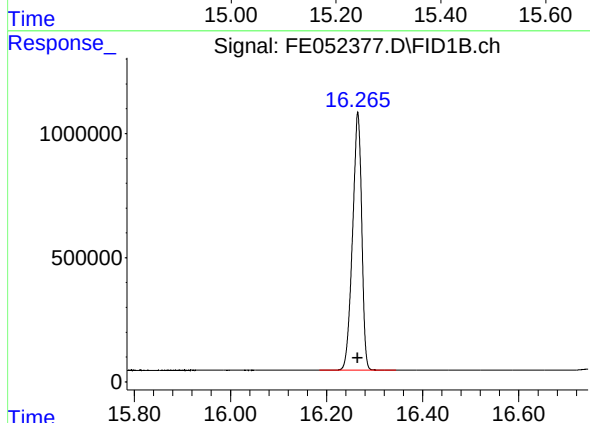
R.T.: 14.133 min
Delta R.T.: 0.000 min
Response: 14081950
Conc: 93.74 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



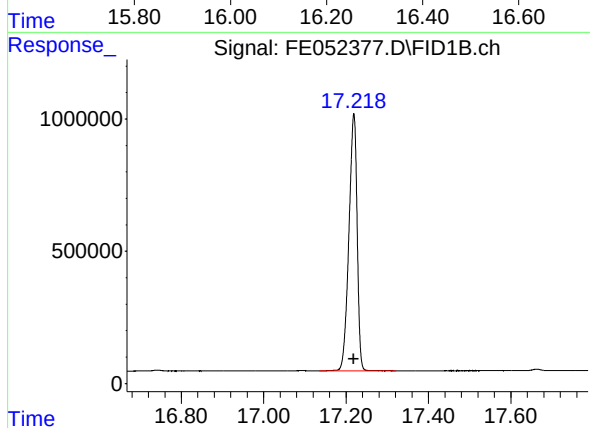
#14 n-Tetracosane (C24)

R.T.: 15.240 min
Delta R.T.: 0.000 min
Response: 14021801
Conc: 93.51 ug/ml



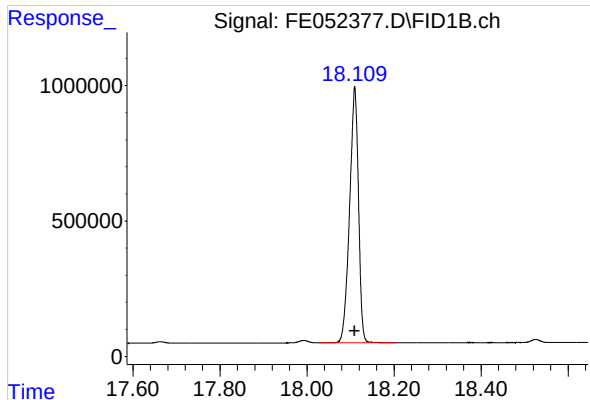
#15 n-Hexacosane (C26)

R.T.: 16.265 min
Delta R.T.: 0.000 min
Response: 13761147
Conc: 93.41 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.219 min
Delta R.T.: 0.000 min
Response: 13388517
Conc: 92.65 ug/ml



#17 n-Tricontane (C30)

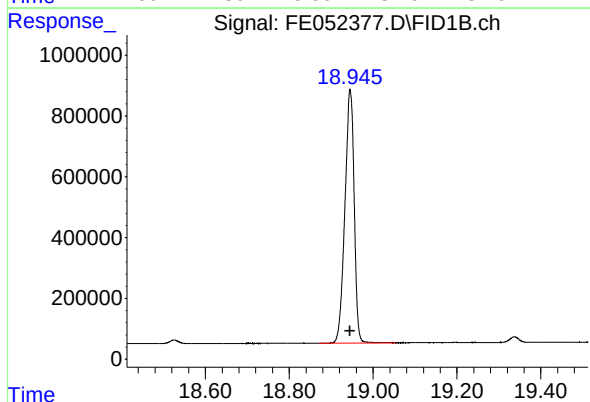
R.T.: 18.110 min
Delta R.T.: 0.000 min
Response: 13371373
Conc: 91.61 ug/ml

Instrument :

FID_E

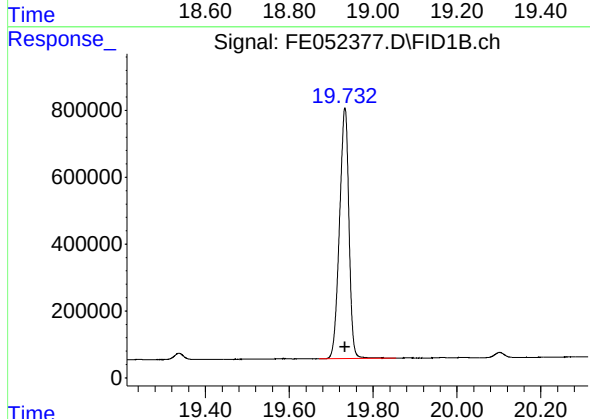
ClientSampleId :

100 PPM ALIPHATIC HC STD1



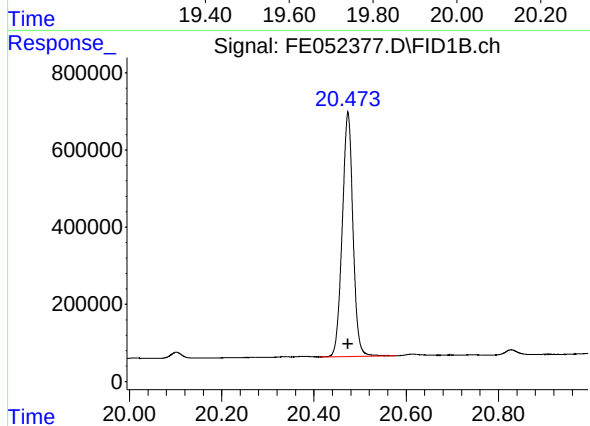
#18 n-Dotriacontane (C32)

R.T.: 18.945 min
Delta R.T.: 0.000 min
Response: 12771824
Conc: 90.65 ug/ml



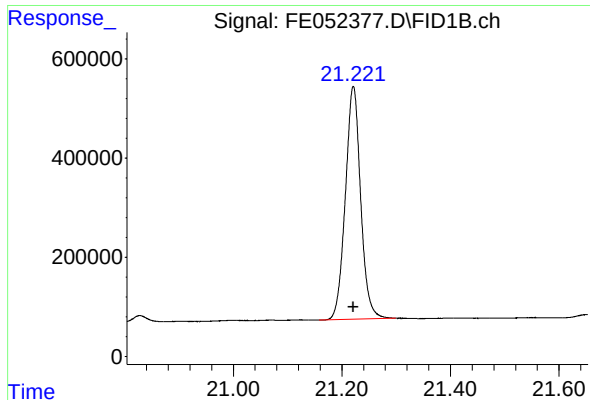
#19 n-Tetratriacontane (C34)

R.T.: 19.733 min
Delta R.T.: 0.000 min
Response: 11734062
Conc: 90.90 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.474 min
Delta R.T.: 0.000 min
Response: 10205441
Conc: 90.75 ug/ml



#21 n-Octatriacontane (C38)

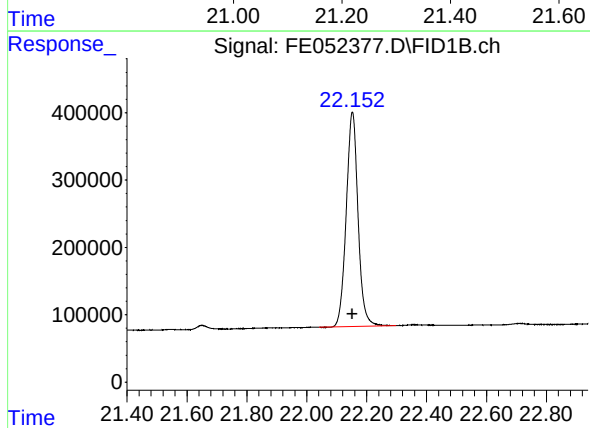
R.T.: 21.221 min
Delta R.T.: 0.000 min
Response: 9198064
Conc: 91.43 ug/ml

Instrument :

FID_E

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.152 min
Delta R.T.: 0.000 min
Response: 8704198
Conc: 92.40 ug/ml