

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022222AL\
 Data File : FE035109.D
 Signal(s) : FID1B.CH
 Acq On : 21 Feb 2022 16:39
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: sample.E
 Quant Time: Feb 22 01:19:41 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022222.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 22 01:19:17 2022
 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)	11.775	93106315	93.873 ug/ml
Spiked Amount 50.000		Recovery =	187.75%
12) S 1-chlorooctadecane (S...	13.185	72753136	94.098 ug/ml
Spiked Amount 50.000		Recovery =	188.20%
Target Compounds			
1) T n-Nonane (C9)	3.628	78064693	95.169 ug/ml
2) T n-Decane (C10)	4.634	79631935	94.497 ug/ml
3) T A~Naphthalene (C11.7)	6.197	88095436	93.869 ug/ml
4) T n-Dodecane (C12)	6.613	81311961	93.176 ug/ml
5) T A~2-methylnaphthalene...	7.251	89511424	94.487 ug/ml
6) T n-Tetradecane (C14)	8.399	81882523	93.569 ug/ml
7) T n-Hexadecane (C16)	9.995	82751581	93.217 ug/ml
8) T n-Octadecane (C18)	11.439	83542669	93.137 ug/ml
10) T n-Eicosane (C20)	12.740	83210675	93.264 ug/ml
11) T n-Heneicosane (C21)	13.354	83607047	93.392 ug/ml
13) T n-Docosane (C22)	13.936	83608782	93.863 ug/ml
14) T n-Tetracosane (C24)	15.033	82814608	94.459 ug/ml
15) T n-Hexacosane (C26)	16.051	80263928	95.463 ug/ml
16) T n-Octacosane (C28)	16.995	75325697	96.350 ug/ml
17) T n-Tricontane (C30)	17.876	66313718	96.188 ug/ml
18) T n-Dotriacontane (C32)	18.700	52929592	95.014 ug/ml
19) T n-Tetratriacontane (C34)	19.471	38687057	93.999 ug/ml
20) T n-Hexatriacontane (C36)	20.200	25971904	93.811 ug/ml
21) T n-Octatriacontane (C38)	20.943	16936160	94.026 ug/ml
22) T n-Tetracontane (C40)	21.869	11629277	94.975 ug/ml

(f)=RT Delta > 1/2 Window

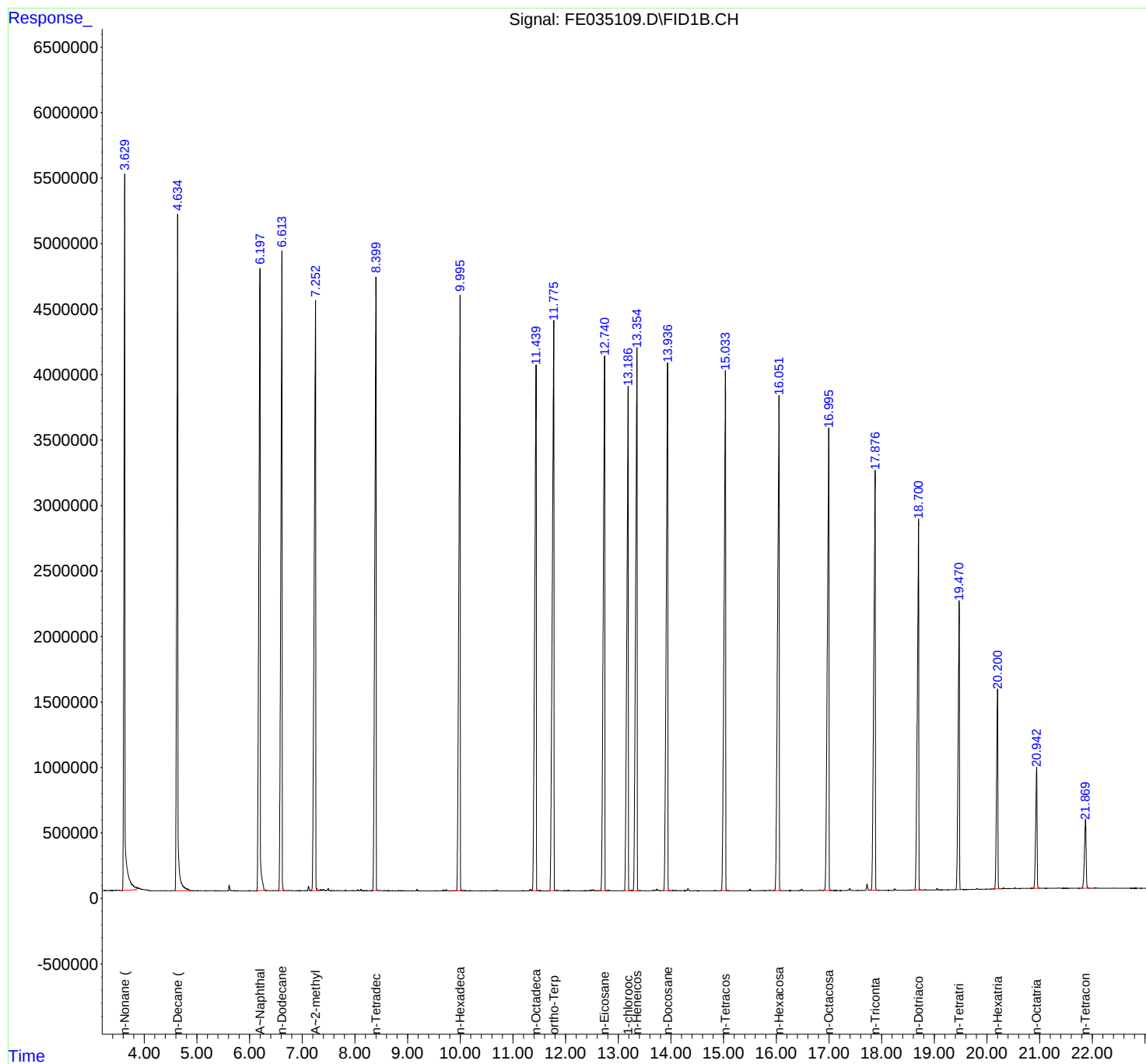
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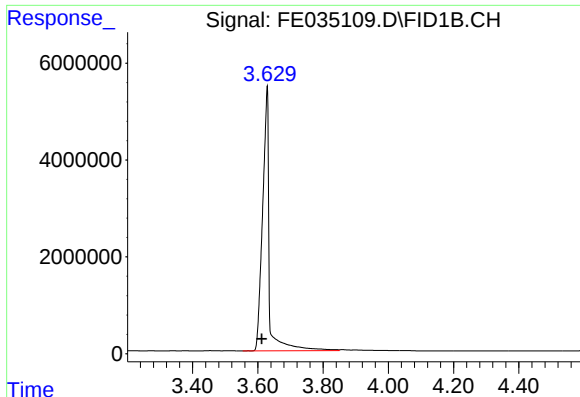
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022222AL\
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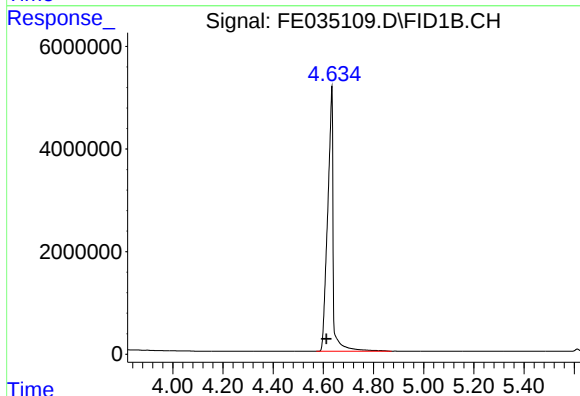




#1 n-Nonane (C9)

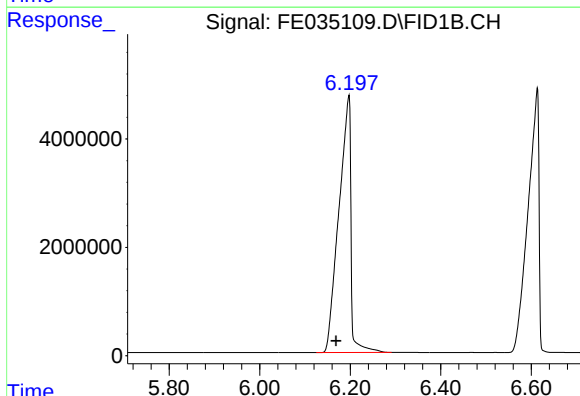
R.T.: 3.628 min
Delta R.T.: 0.016 min
Response: 78064693
Conc: 95.17 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



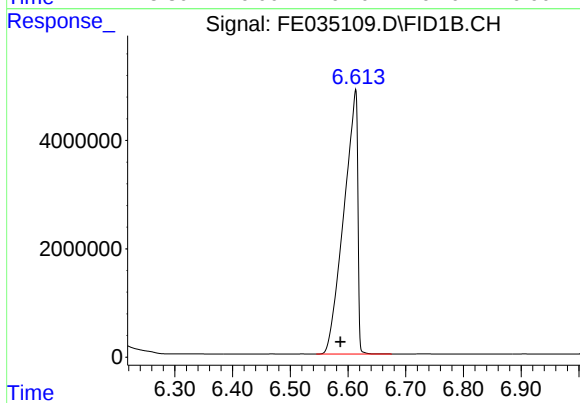
#2 n-Decane (C10)

R.T.: 4.634 min
Delta R.T.: 0.022 min
Response: 79631935
Conc: 94.50 ug/ml



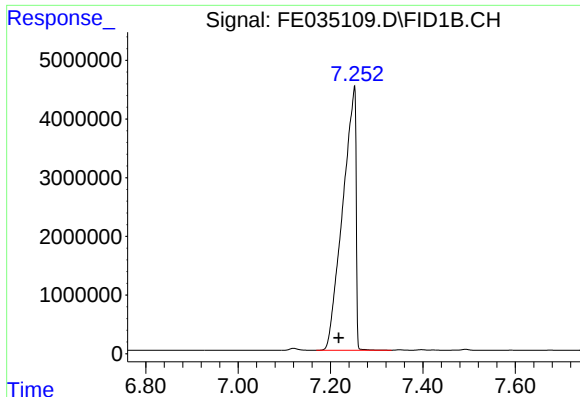
#3 A~Naphthalene (C11.7)

R.T.: 6.197 min
Delta R.T.: 0.028 min
Response: 88095436
Conc: 93.87 ug/ml



#4 n-Dodecane (C12)

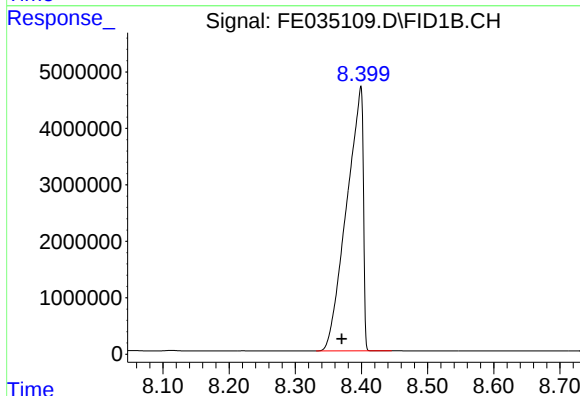
R.T.: 6.613 min
Delta R.T.: 0.026 min
Response: 81311961
Conc: 93.18 ug/ml



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

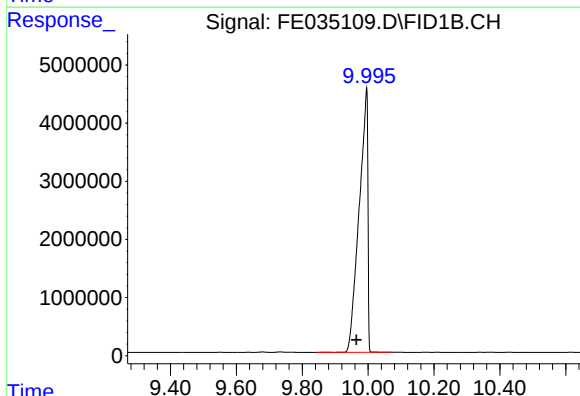
R.T.: 7.251 min
Delta R.T.: 0.034 min
Response: 89511424
Conc: 94.49 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



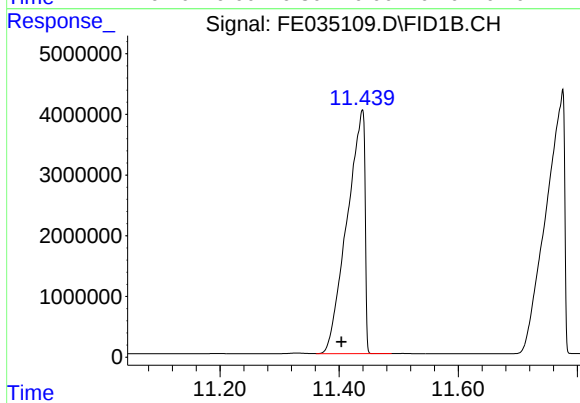
#6 n-Tetradecane (C14)

R.T.: 8.399 min
Delta R.T.: 0.028 min
Response: 81882523
Conc: 93.57 ug/ml



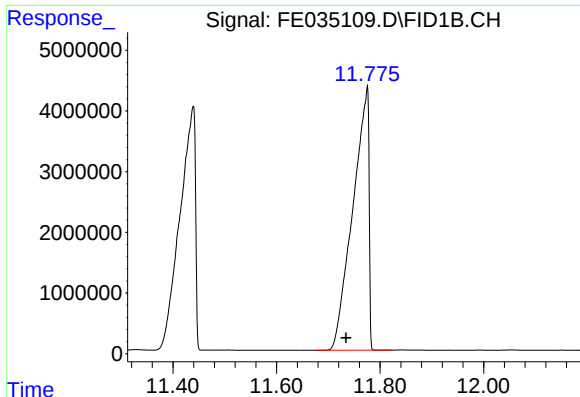
#7 n-Hexadecane (C16)

R.T.: 9.995 min
Delta R.T.: 0.031 min
Response: 82751581
Conc: 93.22 ug/ml



#8 n-Octadecane (C18)

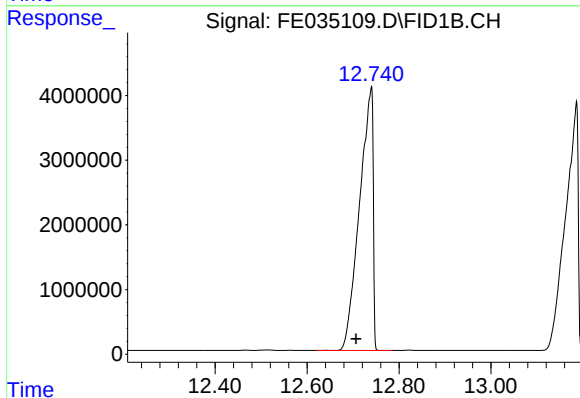
R.T.: 11.439 min
Delta R.T.: 0.035 min
Response: 83542669
Conc: 93.14 ug/ml



#9 ortho-Terphenyl (SURR)

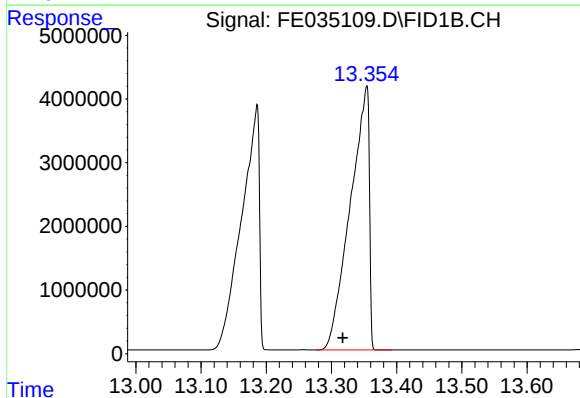
R.T.: 11.775 min
Delta R.T.: 0.040 min
Response: 93106315
Conc: 93.87 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



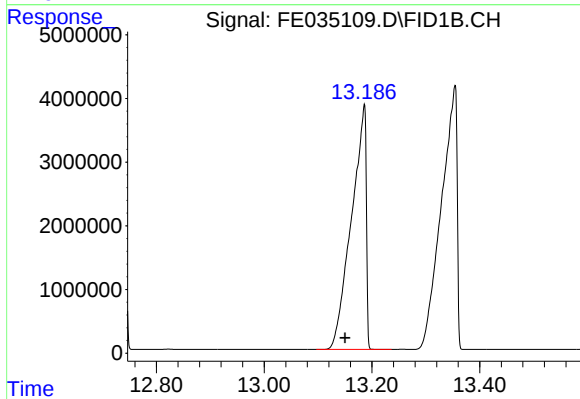
#10 n-Eicosane (C20)

R.T.: 12.740 min
Delta R.T.: 0.033 min
Response: 83210675
Conc: 93.26 ug/ml



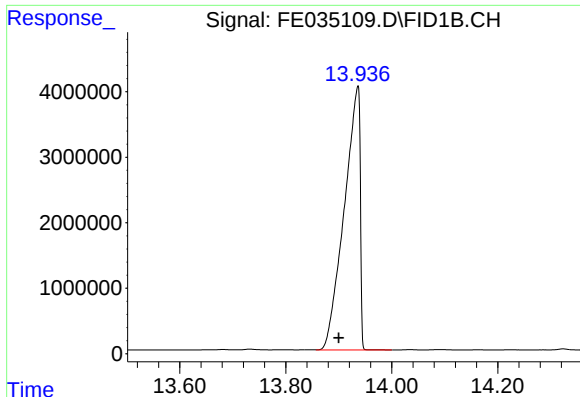
#11 n-Heneicosane (C21)

R.T.: 13.354 min
Delta R.T.: 0.036 min
Response: 83607047
Conc: 93.39 ug/ml



#12 1-chlorooctadecane (SURR)

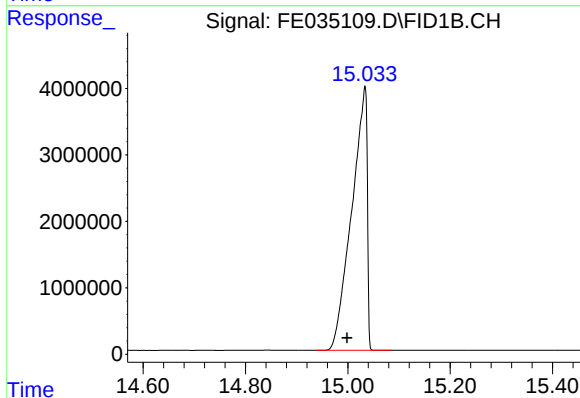
R.T.: 13.185 min
Delta R.T.: 0.035 min
Response: 72753136
Conc: 94.10 ug/ml



#13 n-Docosane (C22)

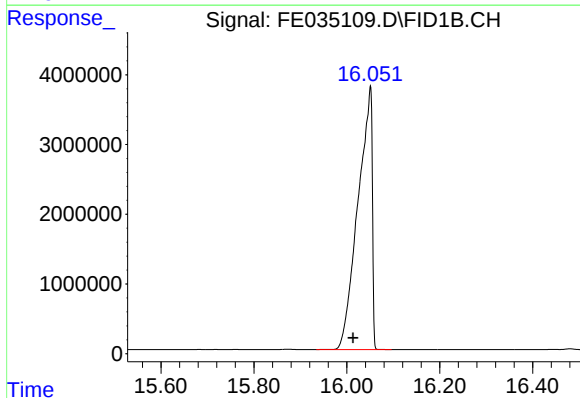
R.T.: 13.936 min
Delta R.T.: 0.036 min
Response: 83608782
Conc: 93.86 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



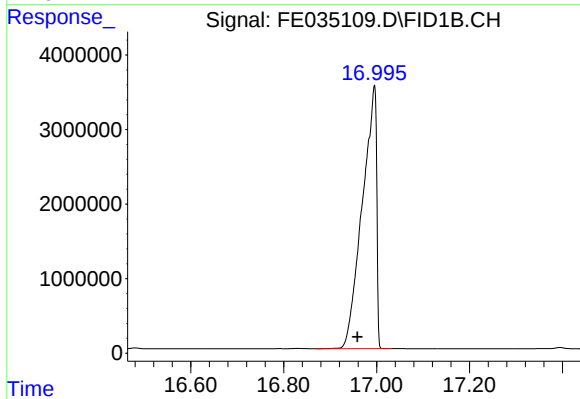
#14 n-Tetracosane (C24)

R.T.: 15.033 min
Delta R.T.: 0.035 min
Response: 82814608
Conc: 94.46 ug/ml



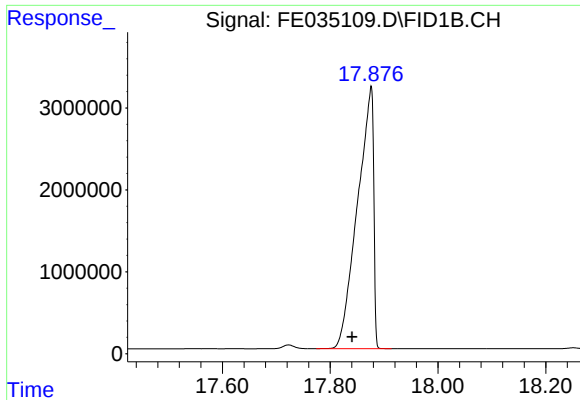
#15 n-Hexacosane (C26)

R.T.: 16.051 min
Delta R.T.: 0.037 min
Response: 80263928
Conc: 95.46 ug/ml



#16 n-Octacosane (C28)

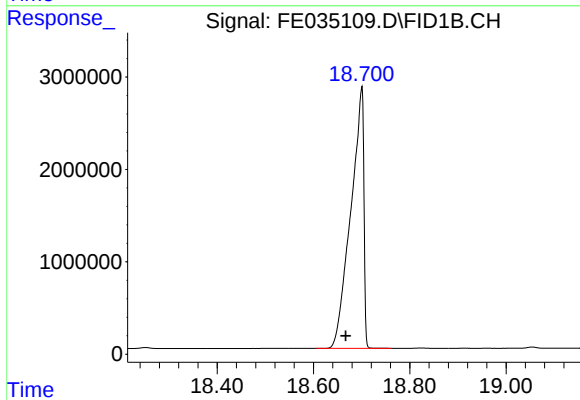
R.T.: 16.995 min
Delta R.T.: 0.036 min
Response: 75325697
Conc: 96.35 ug/ml



#17 n-Tricontane (C30)

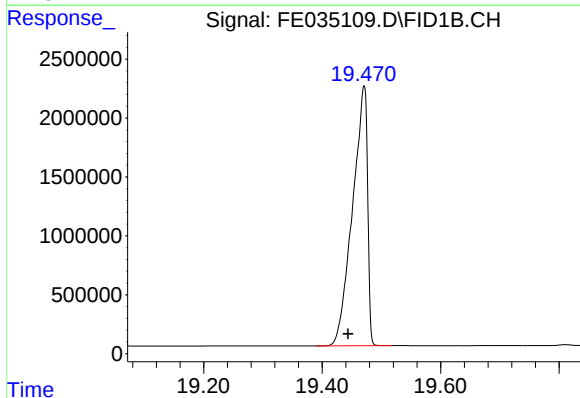
R.T.: 17.876 min
Delta R.T.: 0.035 min
Response: 66313718
Conc: 96.19 ug/ml

Instrument :
FID_E
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100 PPM ALIPHATIC HC STD1



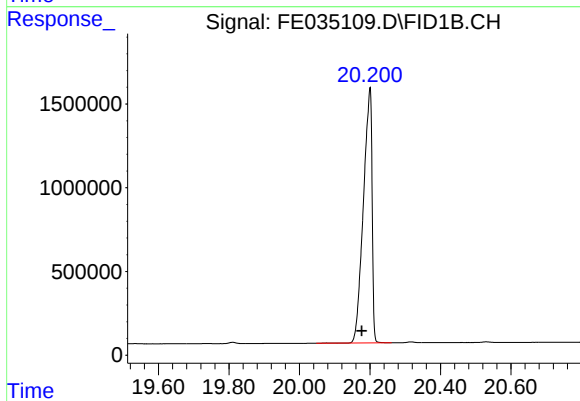
#18 n-Dotriacontane (C32)

R.T.: 18.700 min
Delta R.T.: 0.033 min
Response: 52929592
Conc: 95.01 ug/ml



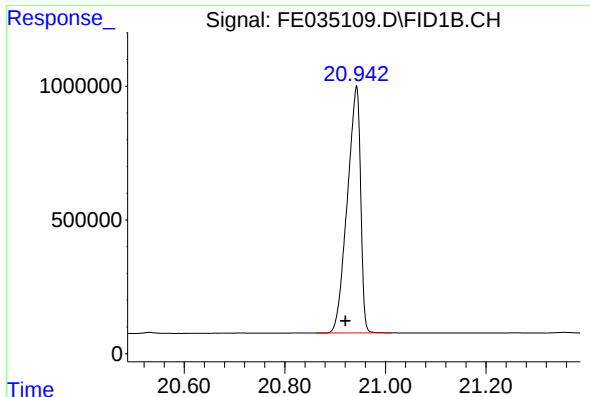
#19 n-Tetratriacontane (C34)

R.T.: 19.471 min
Delta R.T.: 0.027 min
Response: 38687057
Conc: 94.00 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.200 min
Delta R.T.: 0.024 min
Response: 25971904
Conc: 93.81 ug/ml



#21 n-Octatriacontane (C38)

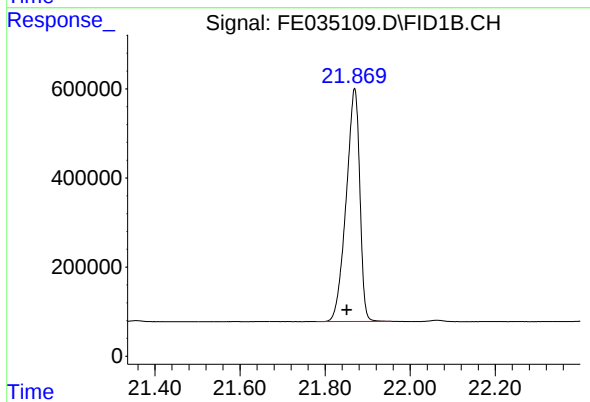
R.T.: 20.943 min
Delta R.T.: 0.022 min
Response: 16936160
Conc: 94.03 ug/ml

Instrument :

FID_E

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.869 min
Delta R.T.: 0.018 min
Response: 11629277
Conc: 94.98 ug/ml