

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011023AL\
 Data File : FE039708.D
 Signal(s) : FID1B.ch
 Acq On : 09 Jan 2023 23:44
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Jan 10 03:26:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011023.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 10 03:26:12 2023
 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)	11.928	13901794	91.654 ug/ml
Spiked Amount 50.000		Recovery =	183.31%
12) S 1-chlorooctadecane (S...	13.361	10720164	93.052 ug/ml
Spiked Amount 50.000		Recovery =	186.10%
Target Compounds			
1) T n-Nonane (C9)	3.316	11569263	92.127 ug/ml
2) T n-Decane (C10)	4.567	11372630	92.589 ug/ml
3) T A~Naphthalene (C11.7)	6.270	13306453	94.244 ug/ml
4) T n-Dodecane (C12)	6.731	11593248	92.804 ug/ml
5) T A~2-methylnaphthalene...	7.365	12608393	95.523 ug/ml
6) T n-Tetradecane (C14)	8.557	11844262	92.753 ug/ml
7) T n-Hexadecane (C16)	10.165	12348727	92.343 ug/ml
8) T n-Octadecane (C18)	11.610	12714550	91.662 ug/ml
10) T n-Eicosane (C20)	12.917	12532373	91.618 ug/ml
11) T n-Heneicosane (C21)	13.529	12630707	91.592 ug/ml
13) T n-Docosane (C22)	14.115	12528606	91.825 ug/ml
14) T n-Tetracosane (C24)	15.218	12456888	92.320 ug/ml
15) T n-Hexacosane (C26)	16.238	12067793	92.110 ug/ml
16) T n-Octacosane (C28)	17.189	11747847	92.007 ug/ml
17) T n-Tricontane (C30)	18.076	11361728	90.714 ug/ml
18) T n-Dotriacontane (C32)	18.908	11133969	89.509 ug/ml
19) T n-Tetratriacontane (C34)	19.692	10877199	89.024 ug/ml
20) T n-Hexatriacontane (C36)	20.432	10357103	87.065 ug/ml
21) T n-Octatriacontane (C38)	21.169	10331892	87.231 ug/ml
22) T n-Tetracontane (C40)	22.078	10262765	85.022 ug/ml

(f)=RT Delta > 1/2 Window

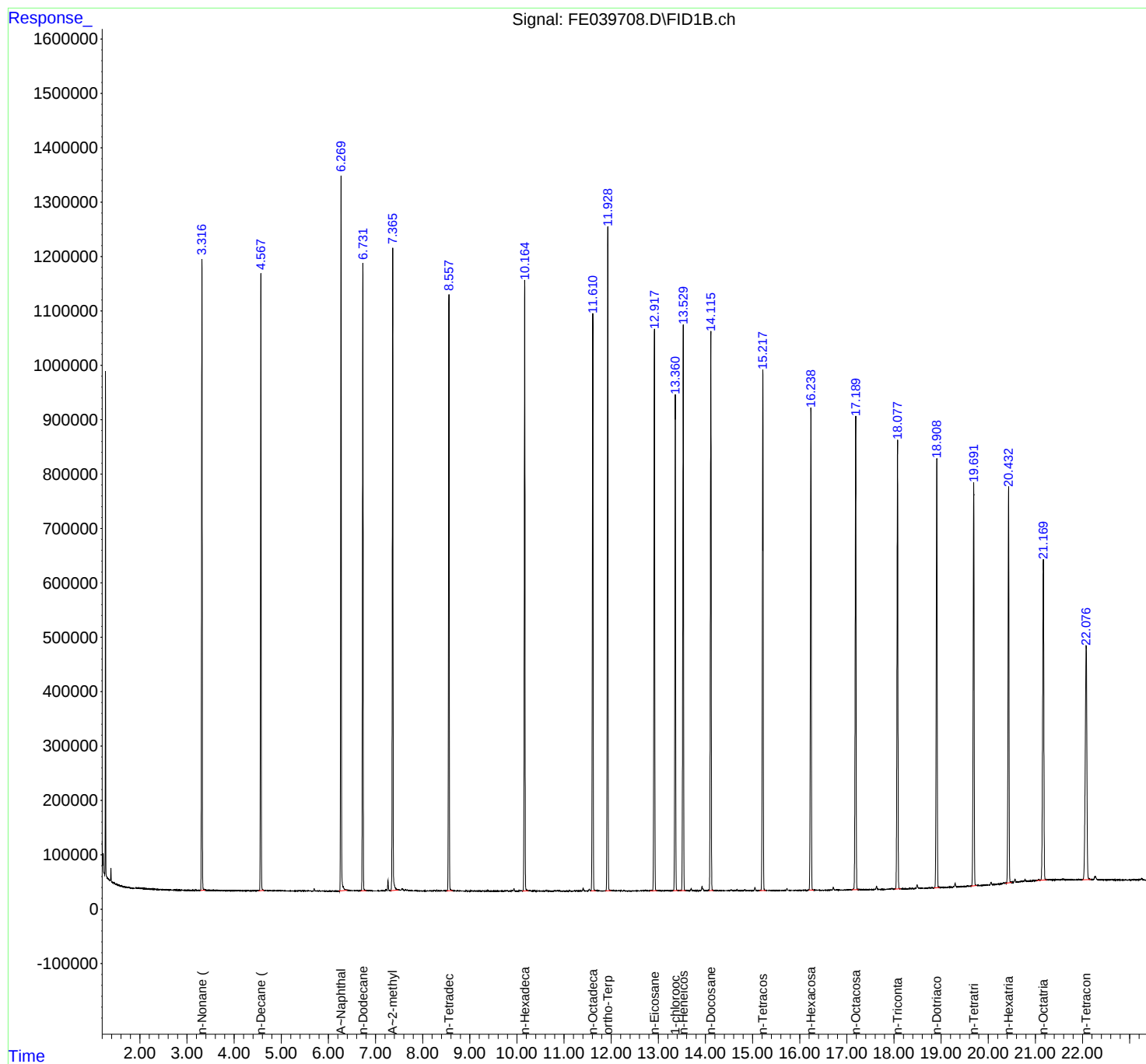
(m)=manual int.

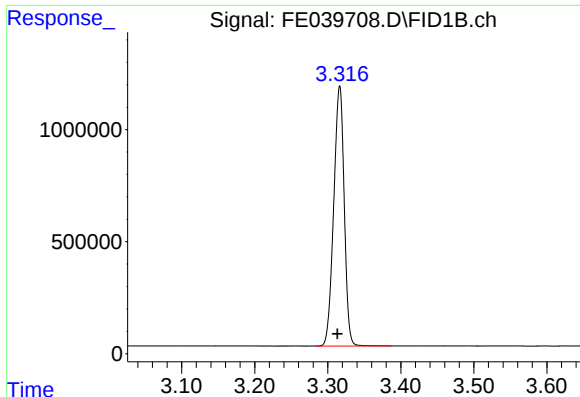
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011023AL\
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#1 n-Nonane (C9)

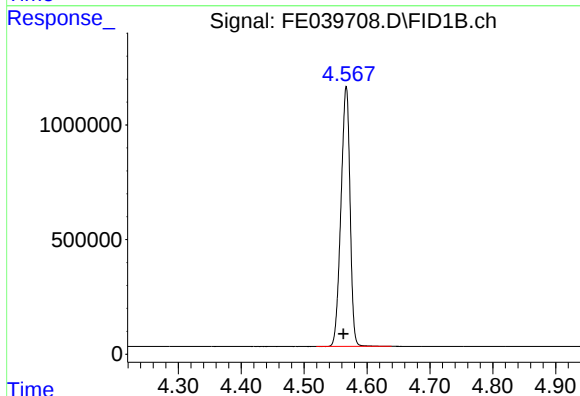
R.T.: 3.316 min
Delta R.T.: 0.003 min
Response: 11569263
Conc: 92.13 ug/ml

Instrument :

FID_E

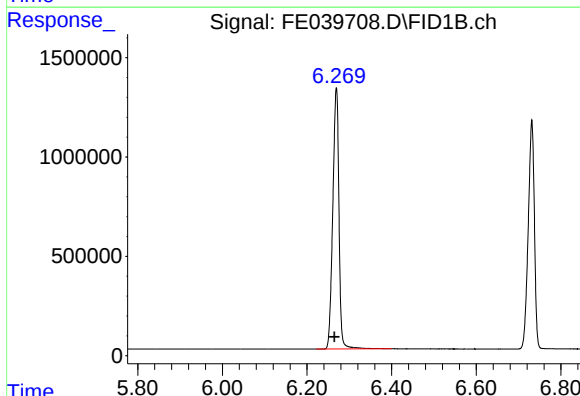
ClientSampleId :

100 PPM ALIPHATIC HC STD1



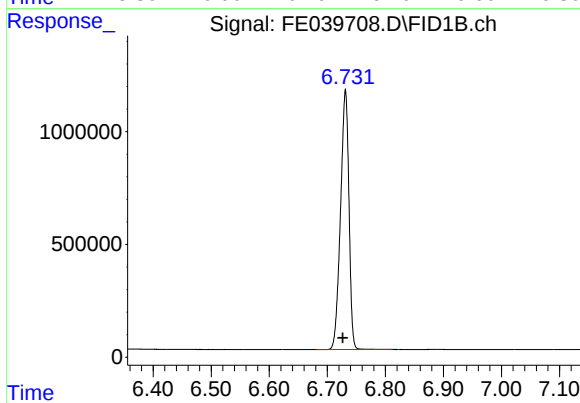
#2 n-Decane (C10)

R.T.: 4.567 min
Delta R.T.: 0.005 min
Response: 11372630
Conc: 92.59 ug/ml



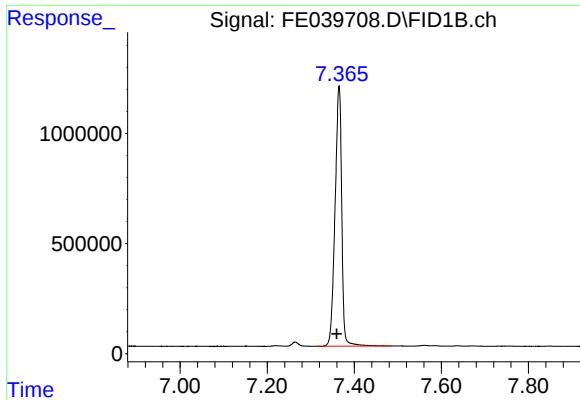
#3 A~Naphthalene (C11.7)

R.T.: 6.270 min
Delta R.T.: 0.005 min
Response: 13306453
Conc: 94.24 ug/ml



#4 n-Dodecane (C12)

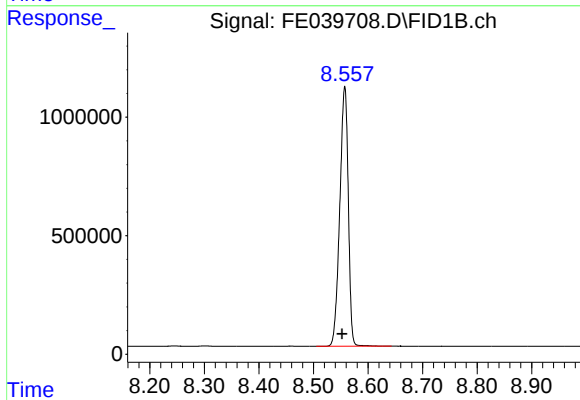
R.T.: 6.731 min
Delta R.T.: 0.005 min
Response: 11593248
Conc: 92.80 ug/ml



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

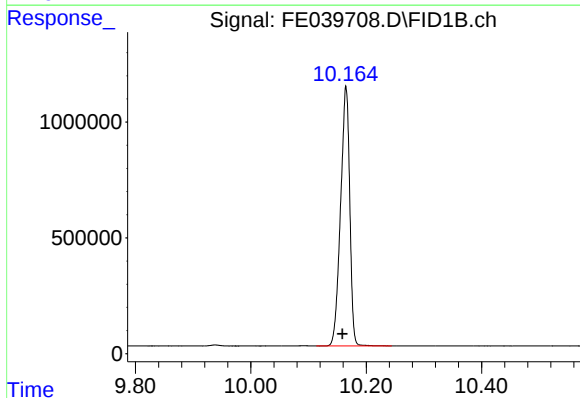
R.T.: 7.365 min
Delta R.T.: 0.006 min
Response: 12608393
Conc: 95.52 ug/ml

Instrument :
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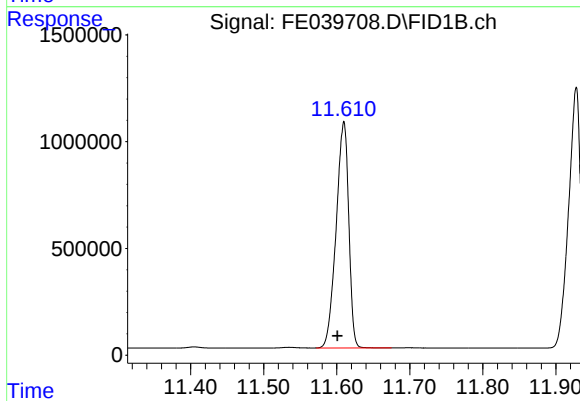
#6 n-Tetradecane (C14)

R.T.: 8.557 min
Delta R.T.: 0.005 min
Response: 11844262
Conc: 92.75 ug/ml



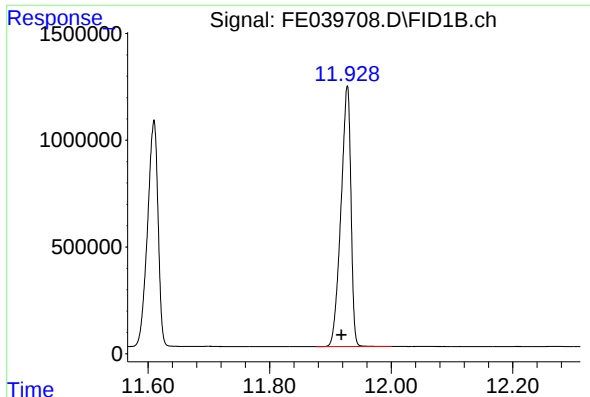
#7 n-Hexadecane (C16)

R.T.: 10.165 min
Delta R.T.: 0.006 min
Response: 12348727
Conc: 92.34 ug/ml



#8 n-Octadecane (C18)

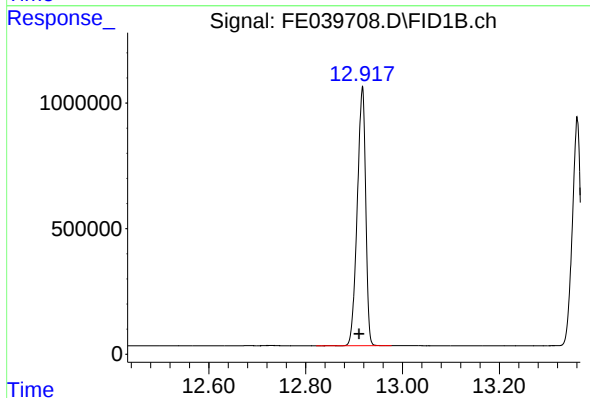
R.T.: 11.610 min
Delta R.T.: 0.009 min
Response: 12714550
Conc: 91.66 ug/ml



#9 ortho-Terphenyl (SURR)

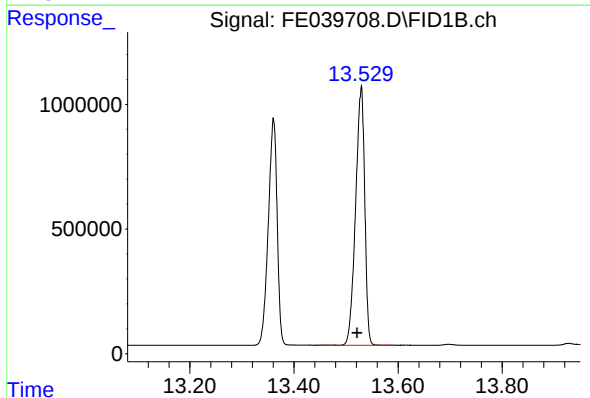
R.T.: 11.928 min
Delta R.T.: 0.010 min
Response: 13901794
Conc: 91.65 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



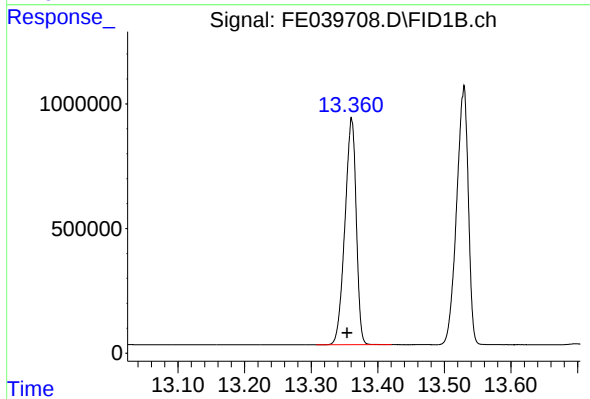
#10 n-Eicosane (C20)

R.T.: 12.917 min
Delta R.T.: 0.007 min
Response: 12532373
Conc: 91.62 ug/ml



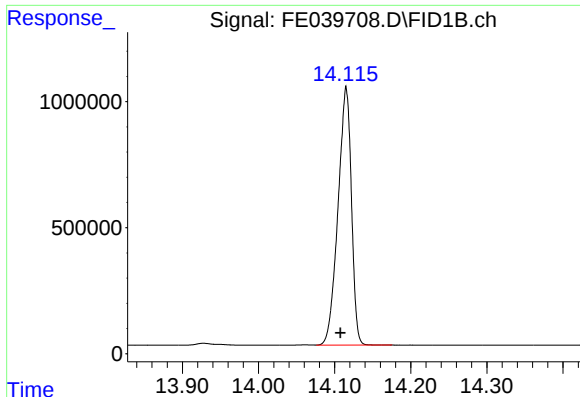
#11 n-Heneicosane (C21)

R.T.: 13.529 min
Delta R.T.: 0.008 min
Response: 12630707
Conc: 91.59 ug/ml



#12 1-chlorooctadecane (SURR)

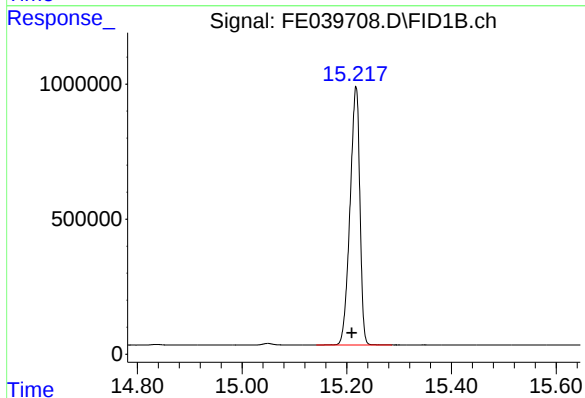
R.T.: 13.361 min
Delta R.T.: 0.007 min
Response: 10720164
Conc: 93.05 ug/ml



#13 n-Docosane (C22)

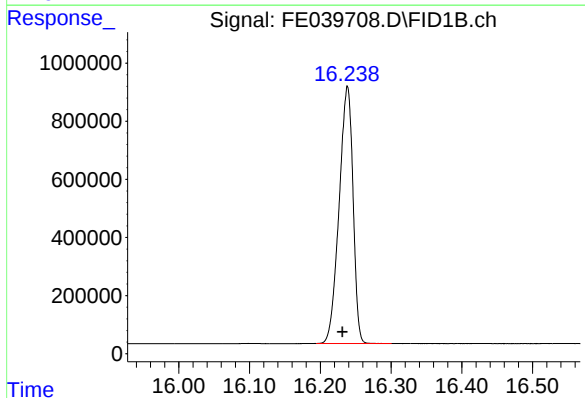
R.T.: 14.115 min
Delta R.T.: 0.008 min
Response: 12528606
Conc: 91.82 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



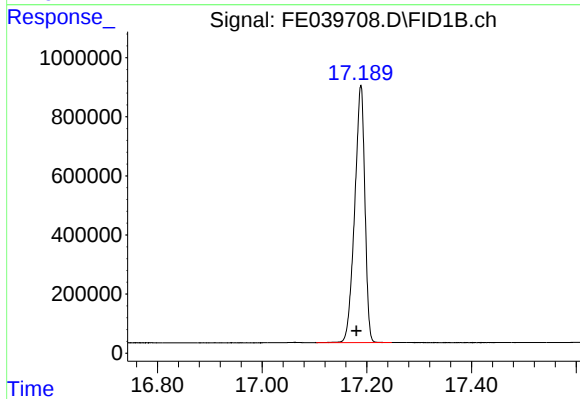
#14 n-Tetracosane (C24)

R.T.: 15.218 min
Delta R.T.: 0.008 min
Response: 12456888
Conc: 92.32 ug/ml



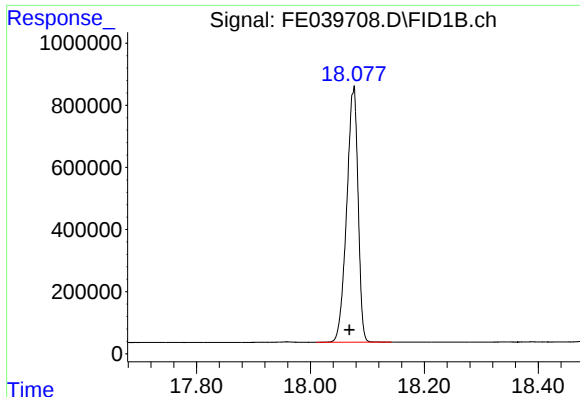
#15 n-Hexacosane (C26)

R.T.: 16.238 min
Delta R.T.: 0.007 min
Response: 12067793
Conc: 92.11 ug/ml



#16 n-Octacosane (C28)

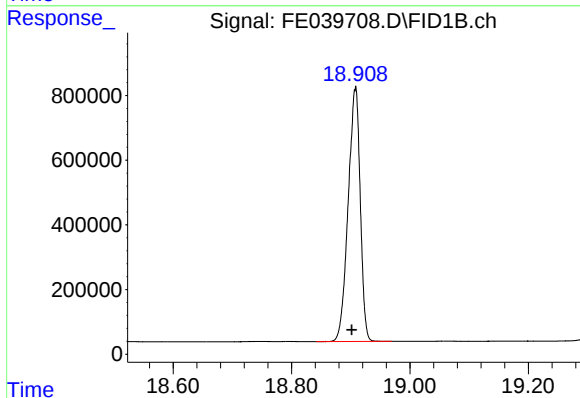
R.T.: 17.189 min
Delta R.T.: 0.008 min
Response: 11747847
Conc: 92.01 ug/ml



#17 n-Tricontane (C30)

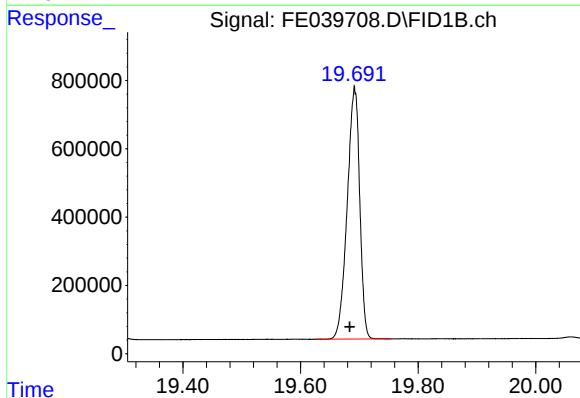
R.T.: 18.076 min
Delta R.T.: 0.007 min
Response: 11361728
Conc: 90.71 ug/ml

Instrument :
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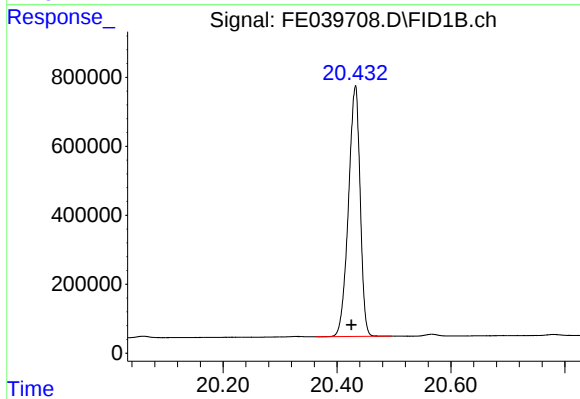
#18 n-Dotriacontane (C32)

R.T.: 18.908 min
Delta R.T.: 0.006 min
Response: 11133969
Conc: 89.51 ug/ml



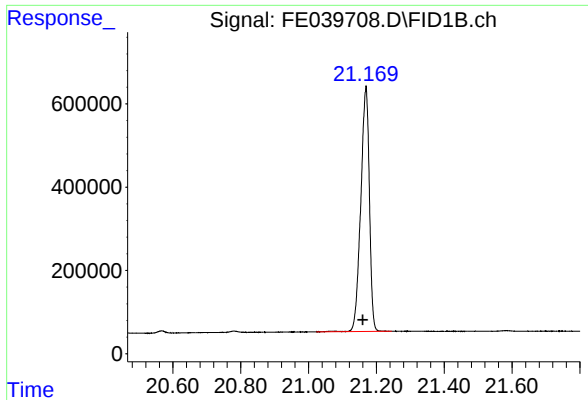
#19 n-Tetratriacontane (C34)

R.T.: 19.692 min
Delta R.T.: 0.008 min
Response: 10877199
Conc: 89.02 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.432 min
Delta R.T.: 0.007 min
Response: 10357103
Conc: 87.06 ug/ml



#21 n-Octatriacontane (C38)

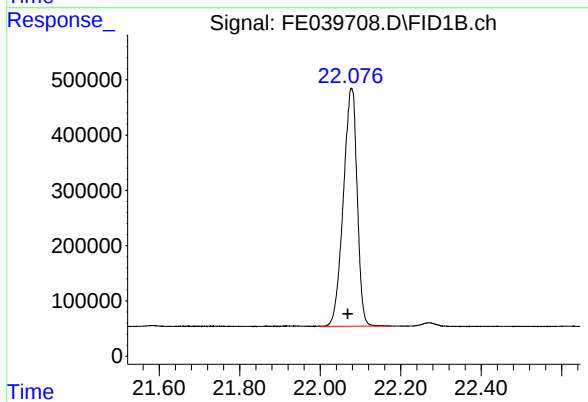
R.T.: 21.169 min
Delta R.T.: 0.010 min
Response: 10331892
Conc: 87.23 ug/ml

Instrument :

FID_E

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.078 min
Delta R.T.: 0.010 min
Response: 10262765
Conc: 85.02 ug/ml