

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071724AL\
 Data File : FE049169.D
 Signal(s) : FID1B.ch
 Acq On : 17 Jul 2024 11:52
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Jul 17 13:22:12 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 17 13:18:30 2024
 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)	11.924	17013016	104.167 ug/ml
Spiked Amount 50.000		Recovery =	208.33%
12) S 1-chlorooctadecane (S...	13.356	13117889	105.154 ug/ml
Spiked Amount 50.000		Recovery =	210.31%
Target Compounds			
1) T n-Nonane (C9)	3.306	15601455	100.981 ug/ml
2) T n-Decane (C10)	4.557	16630751	103.283 ug/ml
3) T A~Naphthalene (C11.7)	6.263	17426086	104.955 ug/ml
4) T n-Dodecane (C12)	6.725	16858706	104.385 ug/ml
5) T A~2-methylnaphthalene...	7.361	16762023	106.164 ug/ml
6) T n-Tetradecane (C14)	8.552	16434948	103.872 ug/ml
7) T n-Hexadecane (C16)	10.160	16638443	104.051 ug/ml
8) T n-Octadecane (C18)	11.605	16583398	103.959 ug/ml
10) T n-Eicosane (C20)	12.911	15786430	104.008 ug/ml
11) T n-Heneicosane (C21)	13.523	15512035	104.093 ug/ml
13) T n-Docosane (C22)	14.109	15387340	104.088 ug/ml
14) T n-Tetracosane (C24)	15.212	15378658	104.335 ug/ml
15) T n-Hexacosane (C26)	16.232	15274157	103.896 ug/ml
16) T n-Octacosane (C28)	17.181	15185241	103.663 ug/ml
17) T n-Tricontane (C30)	18.068	15574749	102.598 ug/ml
18) T n-Dotriacontane (C32)	18.899	15506094	102.047 ug/ml
19) T n-Tetratriacontane (C34)	19.683	15514186	102.416 ug/ml
20) T n-Hexatriacontane (C36)	20.422	15712635	103.019 ug/ml
21) T n-Octatriacontane (C38)	21.158	16224685	104.021 ug/ml
22) T n-Tetracontane (C40)	22.069	16409897	104.307 ug/ml

(f)=RT Delta > 1/2 Window

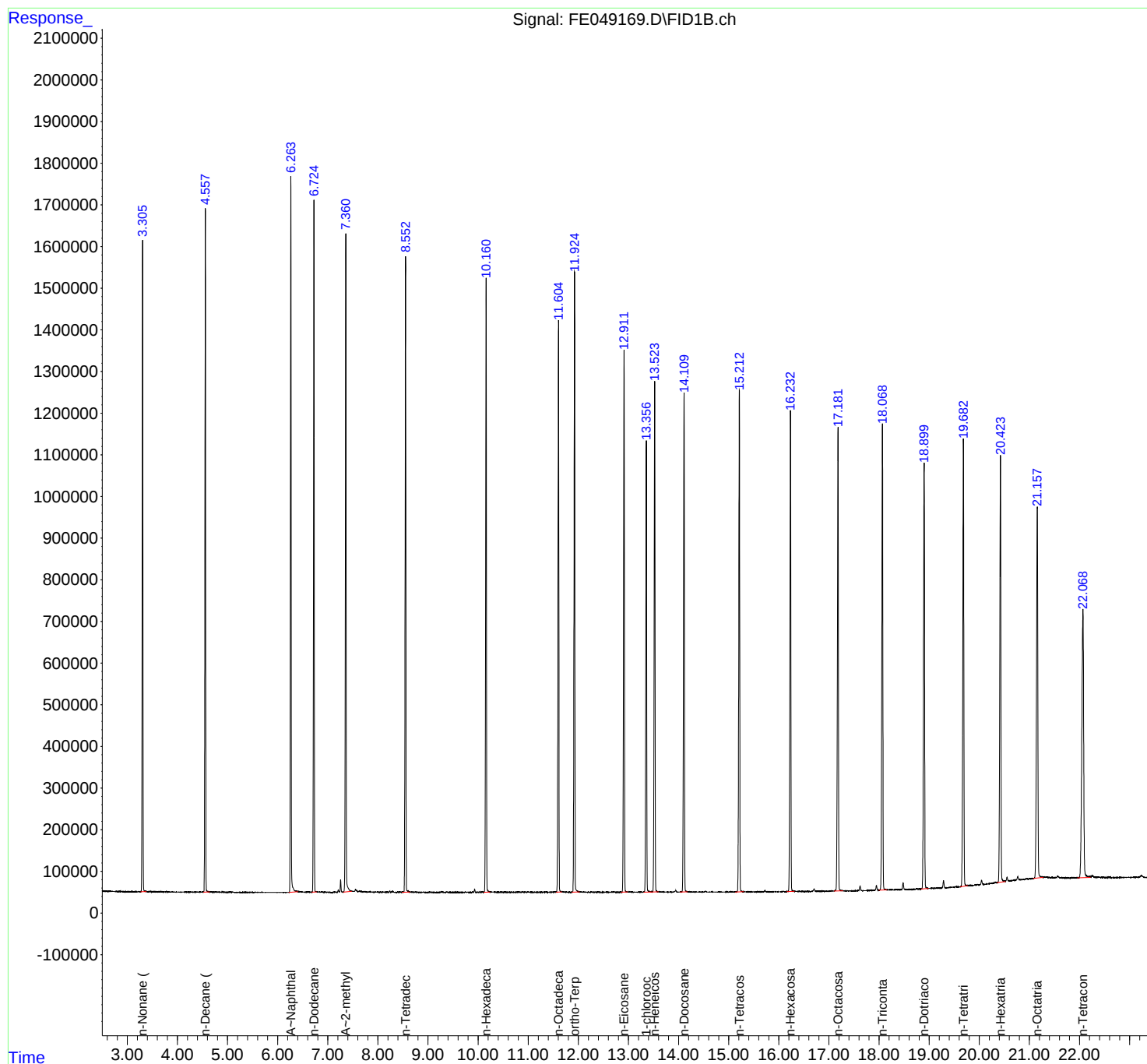
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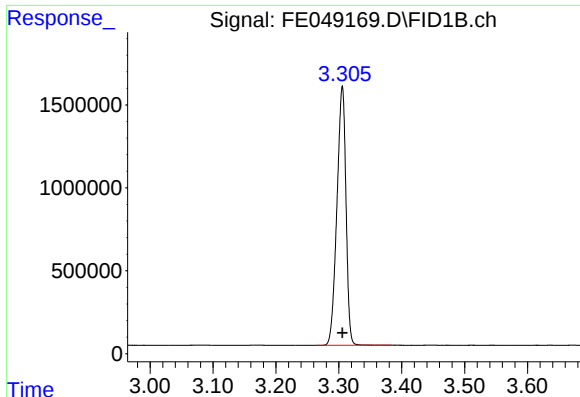
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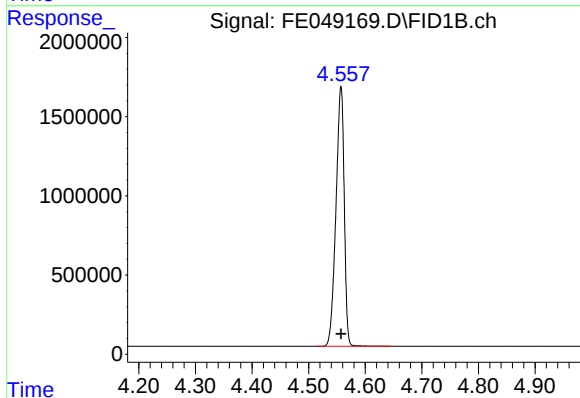




#1 n-Nonane (C9)

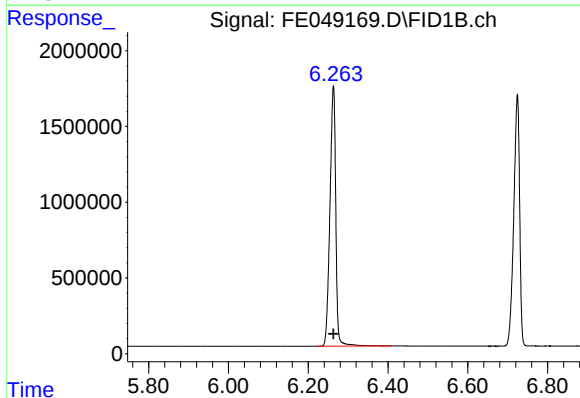
R.T.: 3.306 min
Delta R.T.: 0.000 min
Response: 15601455
Conc: 100.98 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



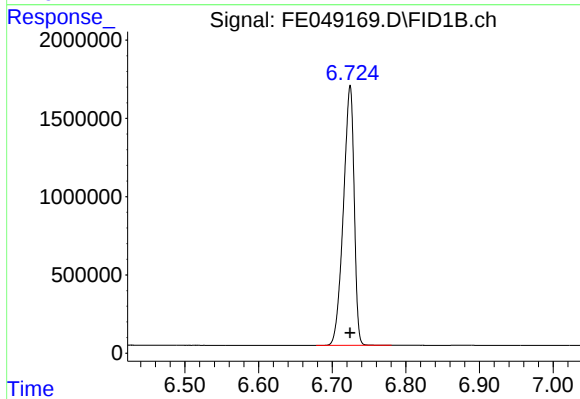
#2 n-Decane (C10)

R.T.: 4.557 min
Delta R.T.: 0.000 min
Response: 16630751
Conc: 103.28 ug/ml



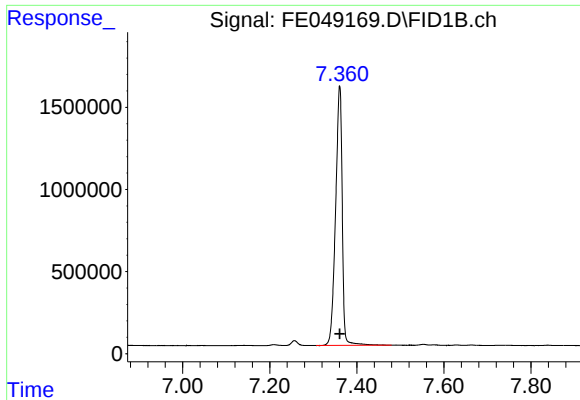
#3 A~Naphthalene (C11.7)

R.T.: 6.263 min
Delta R.T.: 0.000 min
Response: 17426086
Conc: 104.95 ug/ml



#4 n-Dodecane (C12)

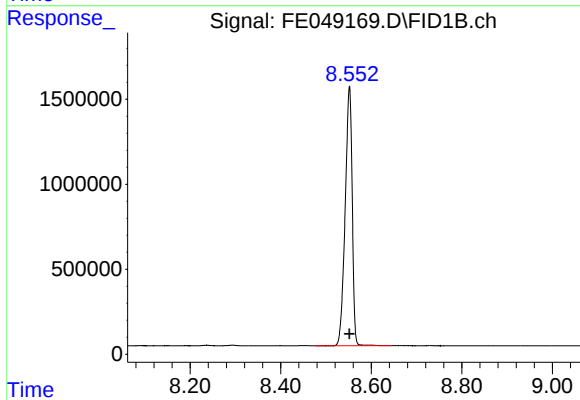
R.T.: 6.725 min
Delta R.T.: 0.000 min
Response: 16858706
Conc: 104.38 ug/ml



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

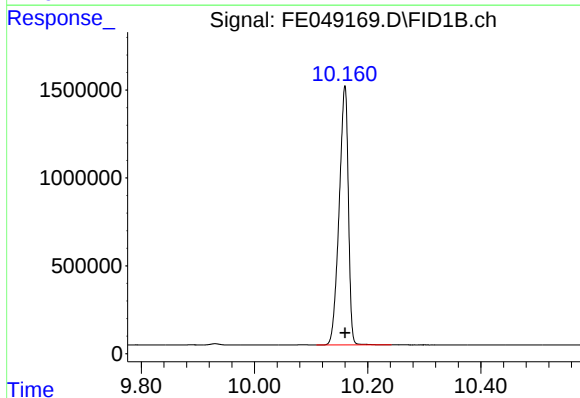
R.T.: 7.361 min
Delta R.T.: 0.000 min
Response: 16762023
Conc: 106.16 ug/ml

Instrument :
FID_E
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100 PPM ALIPHATIC HC STD1



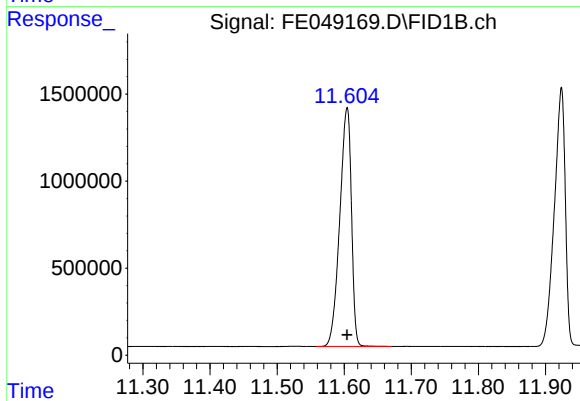
#6 n-Tetradecane (C14)

R.T.: 8.552 min
Delta R.T.: 0.000 min
Response: 16434948
Conc: 103.87 ug/ml



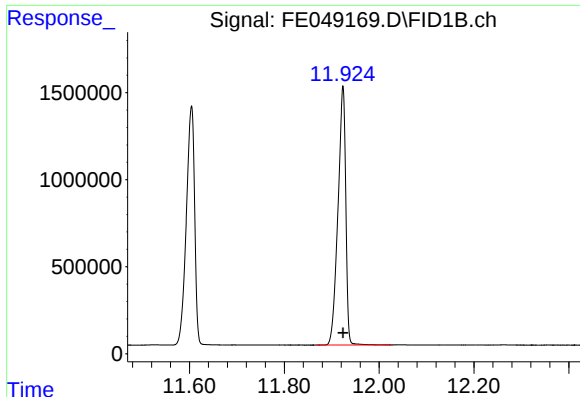
#7 n-Hexadecane (C16)

R.T.: 10.160 min
Delta R.T.: 0.000 min
Response: 16638443
Conc: 104.05 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.605 min
Delta R.T.: 0.000 min
Response: 16583398
Conc: 103.96 ug/ml



#9 ortho-Terphenyl (SURR)

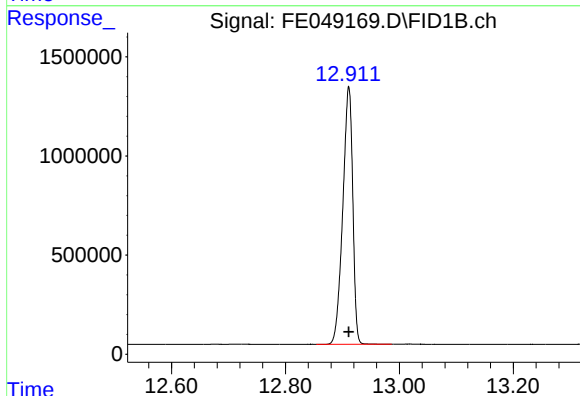
R.T.: 11.924 min
Delta R.T.: 0.000 min
Response: 17013016
Conc: 104.17 ug/ml

Instrument :

FID_E

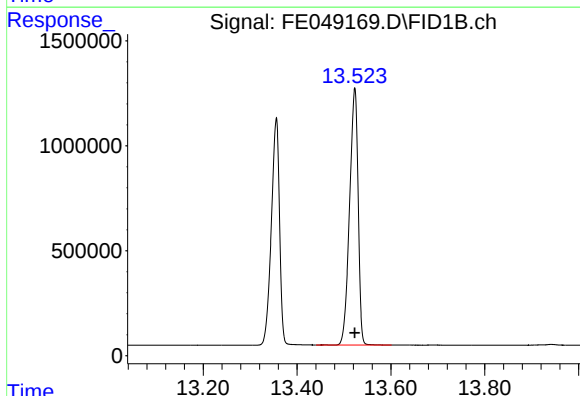
ClientSampleId :

100 PPM ALIPHATIC HC STD1



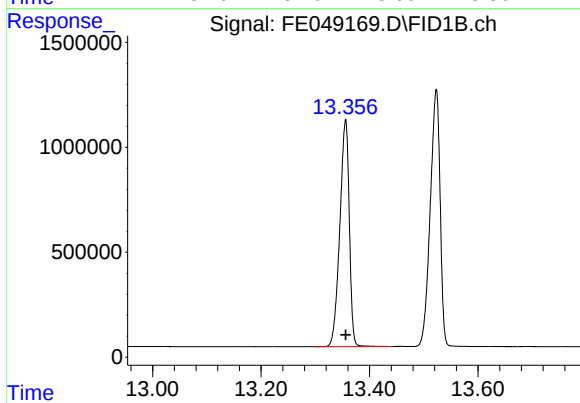
#10 n-Eicosane (C20)

R.T.: 12.911 min
Delta R.T.: 0.000 min
Response: 15786430
Conc: 104.01 ug/ml



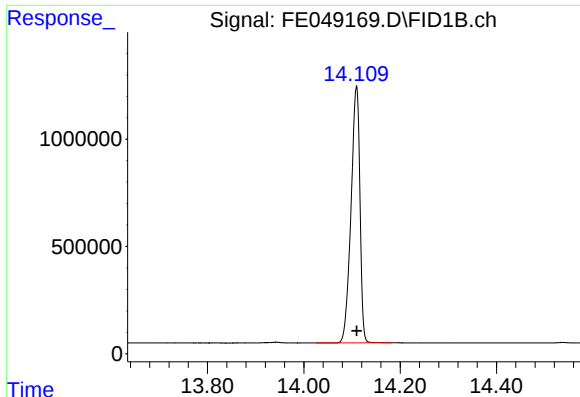
#11 n-Heneicosane (C21)

R.T.: 13.523 min
Delta R.T.: 0.000 min
Response: 15512035
Conc: 104.09 ug/ml



#12 1-chlorooctadecane (SURR)

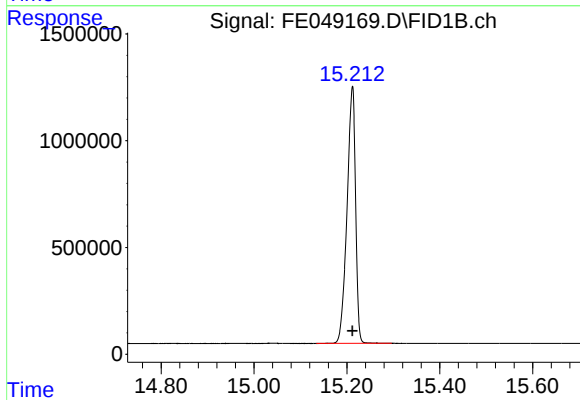
R.T.: 13.356 min
Delta R.T.: 0.000 min
Response: 13117889
Conc: 105.15 ug/ml



#13 n-Docosane (C22)

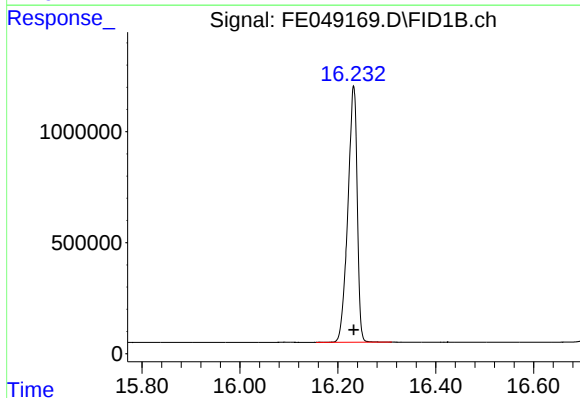
R.T.: 14.109 min
Delta R.T.: 0.000 min
Response: 15387340
Conc: 104.09 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



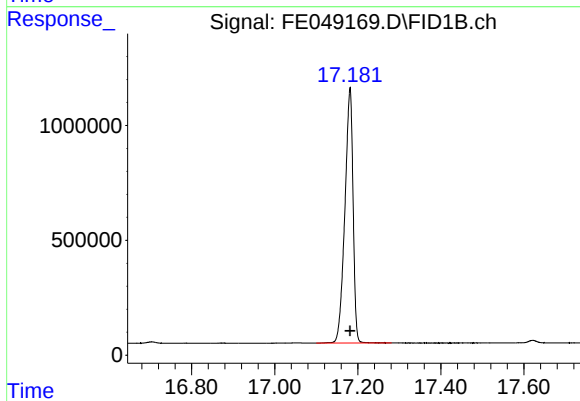
#14 n-Tetracosane (C24)

R.T.: 15.212 min
Delta R.T.: 0.000 min
Response: 15378658
Conc: 104.33 ug/ml



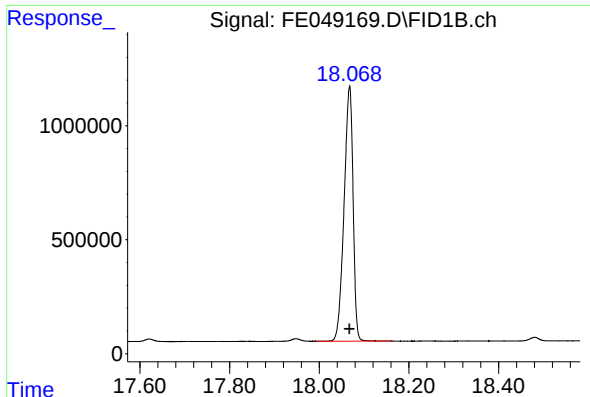
#15 n-Hexacosane (C26)

R.T.: 16.232 min
Delta R.T.: 0.000 min
Response: 15274157
Conc: 103.90 ug/ml



#16 n-Octacosane (C28)

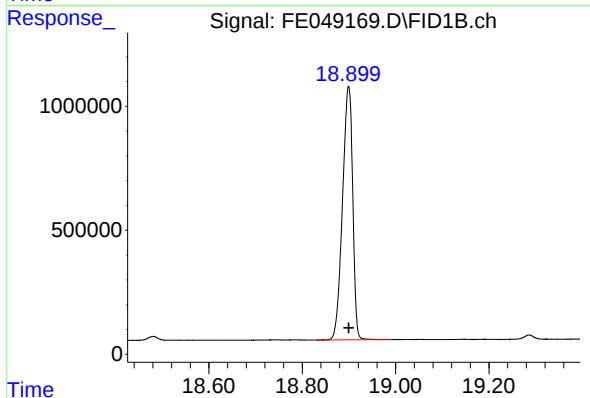
R.T.: 17.181 min
Delta R.T.: 0.000 min
Response: 15185241
Conc: 103.66 ug/ml



#17 n-Tricontane (C30)

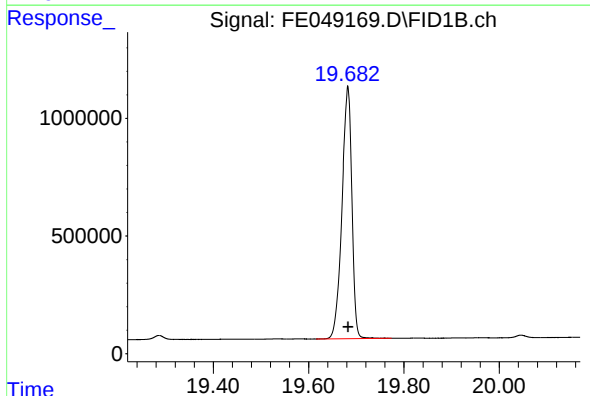
R.T.: 18.068 min
Delta R.T.: 0.000 min
Response: 15574749
Conc: 102.60 ug/ml

Instrument :
FID_E
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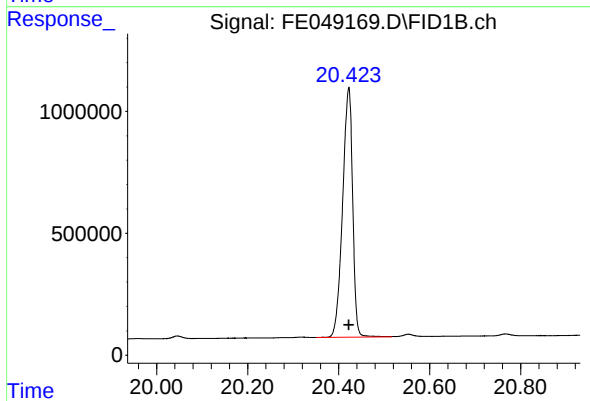
#18 n-Dotriacontane (C32)

R.T.: 18.899 min
Delta R.T.: 0.000 min
Response: 15506094
Conc: 102.05 ug/ml



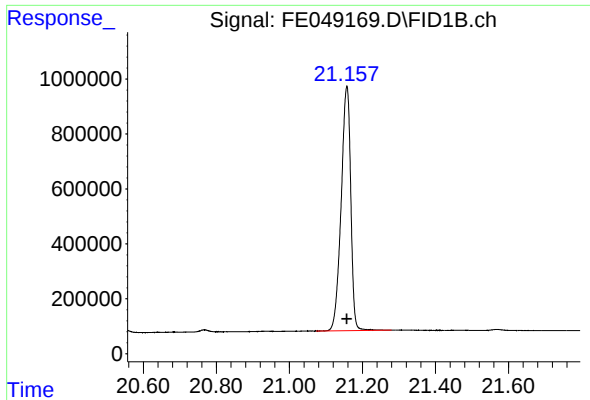
#19 n-Tetratriacontane (C34)

R.T.: 19.683 min
Delta R.T.: 0.000 min
Response: 15514186
Conc: 102.42 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.422 min
Delta R.T.: 0.000 min
Response: 15712635
Conc: 103.02 ug/ml



#21 n-Octatriacontane (C38)

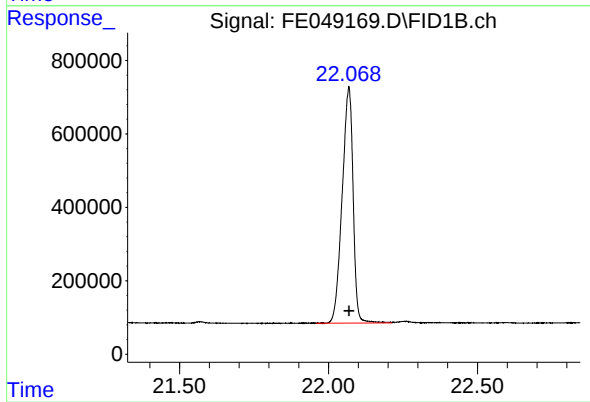
R.T.: 21.158 min
Delta R.T.: 0.000 min
Response: 16224685
Conc: 104.02 ug/ml

Instrument :

FID_E

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.069 min
Delta R.T.: 0.000 min
Response: 16409897
Conc: 104.31 ug/ml