

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020223AL\
 Data File : FE040169.D
 Signal(s) : FID1B.ch
 Acq On : 02 Feb 2023 01:08
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Feb 02 04:46:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020223.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 02 04:44:16 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)	11.908	15900667	100.141 ug/ml
Spiked Amount 50.000		Recovery =	200.28%
12) S 1-chlorooctadecane (S...	13.343	12303947	100.447 ug/ml
Spiked Amount 50.000		Recovery =	200.89%
Target Compounds			
1) T n-Nonane (C9)	3.296	13583644	101.011 ug/ml
2) T n-Decane (C10)	4.546	13437724	101.634 ug/ml
3) T A~Naphthalene (C11.7)	6.249	15452734	103.018 ug/ml
4) T n-Dodecane (C12)	6.711	13672367	101.827 ug/ml
5) T A~2-methylnaphthalene...	7.345	14614281	103.733 ug/ml
6) T n-Tetradecane (C14)	8.538	13907599	101.505 ug/ml
7) T n-Hexadecane (C16)	10.146	14378719	101.185 ug/ml
8) T n-Octadecane (C18)	11.591	14659191	100.437 ug/ml
10) T n-Eicosane (C20)	12.898	14354566	100.006 ug/ml
11) T n-Heneicosane (C21)	13.511	14408962	99.938 ug/ml
13) T n-Docosane (C22)	14.098	14315456	99.543 ug/ml
14) T n-Tetracosane (C24)	15.201	14304739	98.576 ug/ml
15) T n-Hexacosane (C26)	16.224	13910183	98.684 ug/ml
16) T n-Octacosane (C28)	17.174	13669703	97.720 ug/ml
17) T n-Tricontane (C30)	18.062	13352387	97.498 ug/ml
18) T n-Dotriacontane (C32)	18.894	13162132	97.360 ug/ml
19) T n-Tetratriacontane (C34)	19.679	12714778	98.207 ug/ml
20) T n-Hexatriacontane (C36)	20.418	12146611	96.760 ug/ml
21) T n-Octatriacontane (C38)	21.152	12236108	98.321 ug/ml
22) T n-Tetracontane (C40)	22.057	12507162	97.796 ug/ml

(f)=RT Delta > 1/2 Window

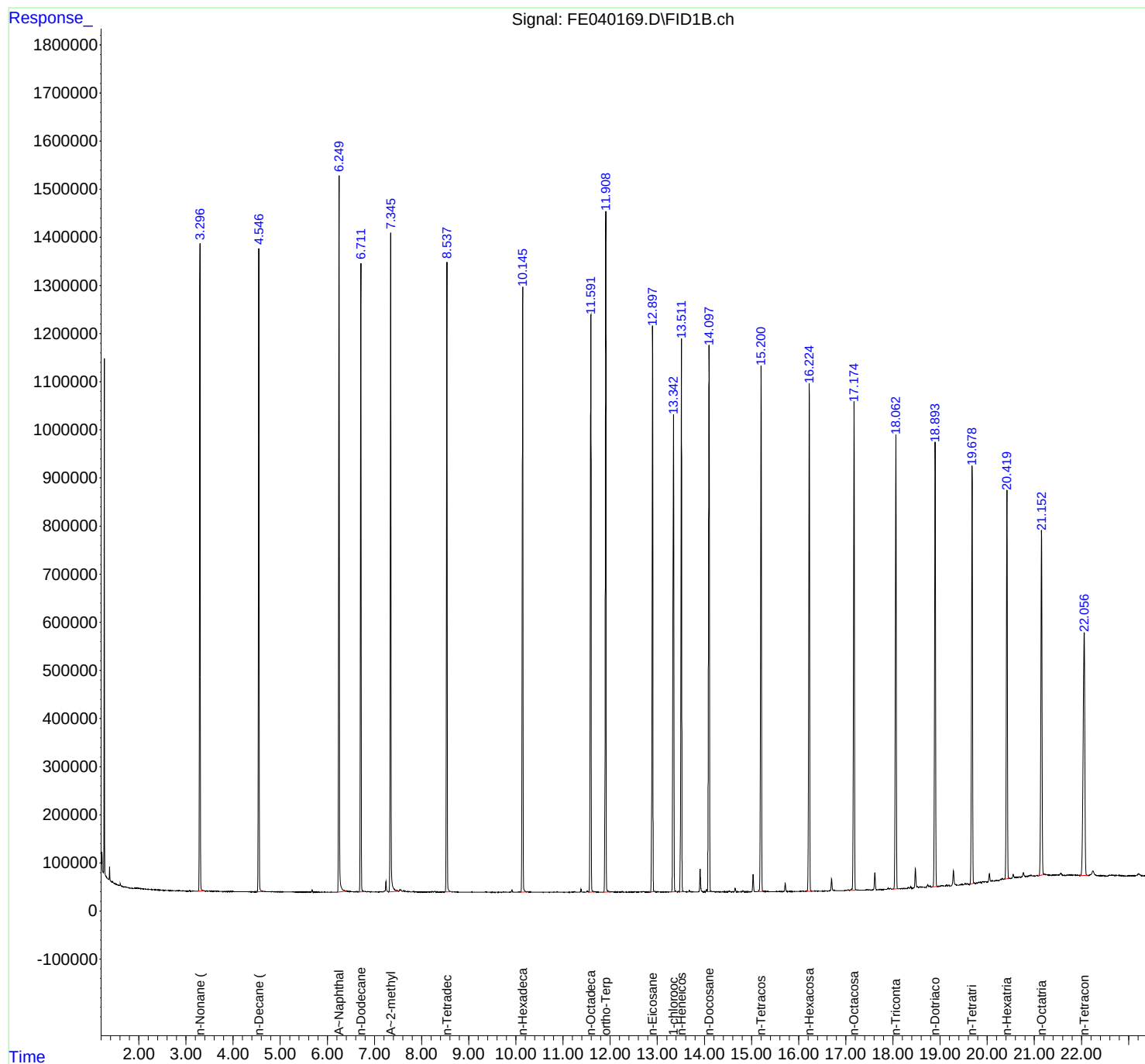
(m)=manual int.

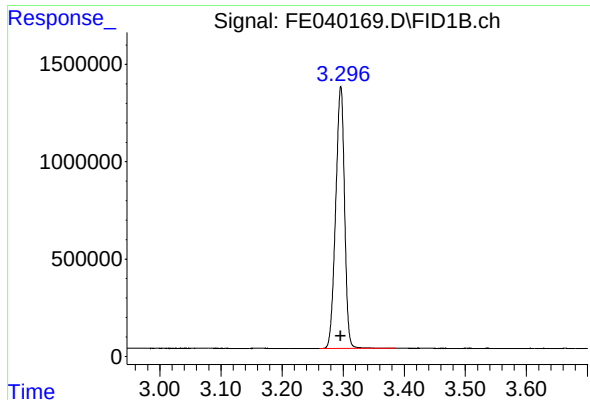
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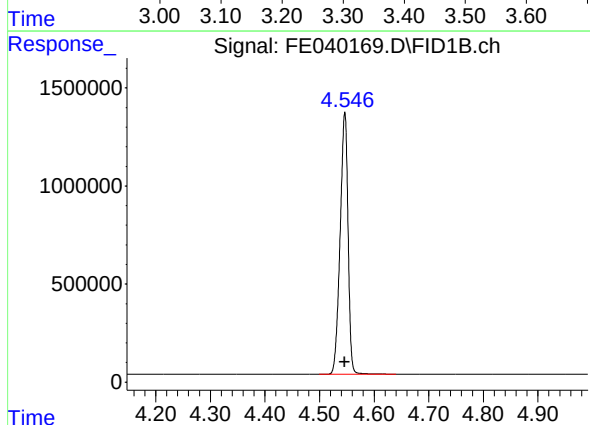




#1 n-Nonane (C9)

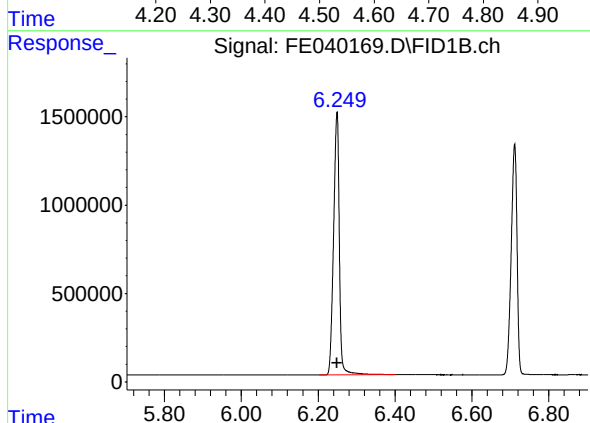
R.T.: 3.296 min
Delta R.T.: 0.000 min
Response: 13583644
Conc: 101.01 ug/ml

Instrument :
FID_E
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100 PPM ALIPHATIC HC STD1



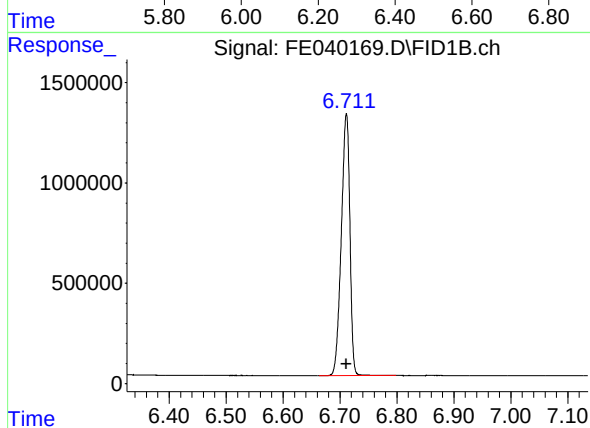
#2 n-Decane (C10)

R.T.: 4.546 min
Delta R.T.: 0.000 min
Response: 13437724
Conc: 101.63 ug/ml



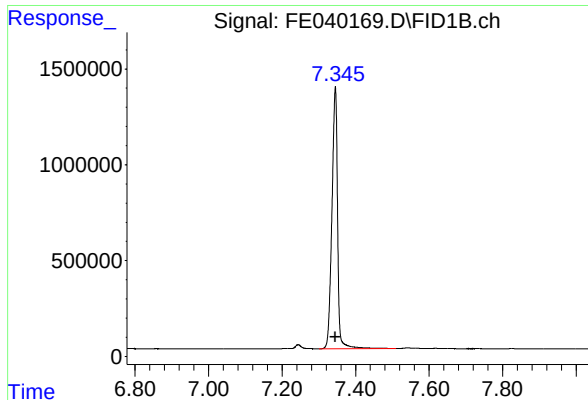
#3 A~Naphthalene (C11.7)

R.T.: 6.249 min
Delta R.T.: 0.000 min
Response: 15452734
Conc: 103.02 ug/ml



#4 n-Dodecane (C12)

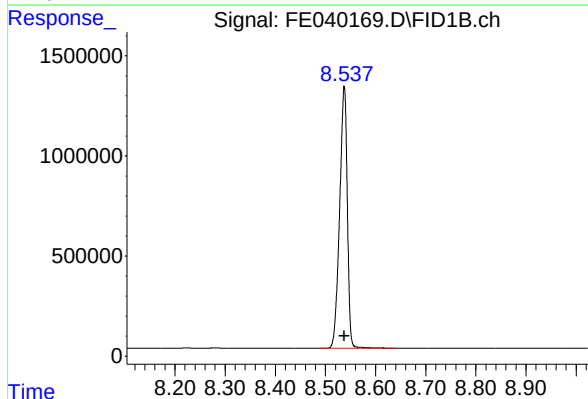
R.T.: 6.711 min
Delta R.T.: 0.000 min
Response: 13672367
Conc: 101.83 ug/ml



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

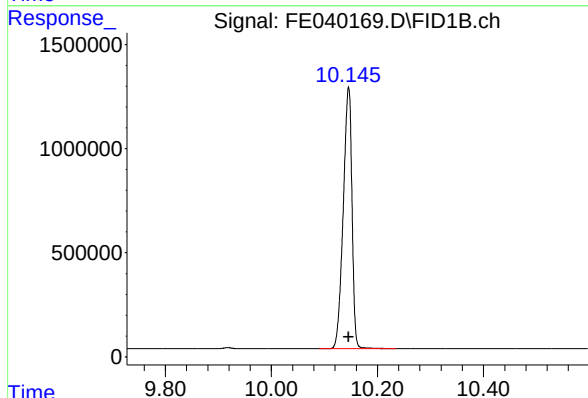
R.T.: 7.345 min
Delta R.T.: 0.000 min
Response: 14614281
Conc: 103.73 ug/ml

Instrument :
FID_E
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100 PPM ALIPHATIC HC STD1



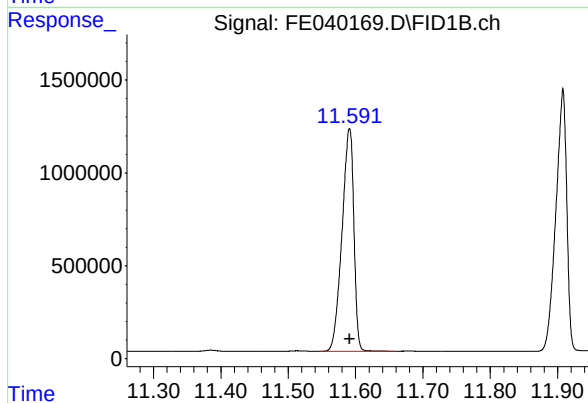
#6 n-Tetradecane (C14)

R.T.: 8.538 min
Delta R.T.: 0.000 min
Response: 13907599
Conc: 101.51 ug/ml



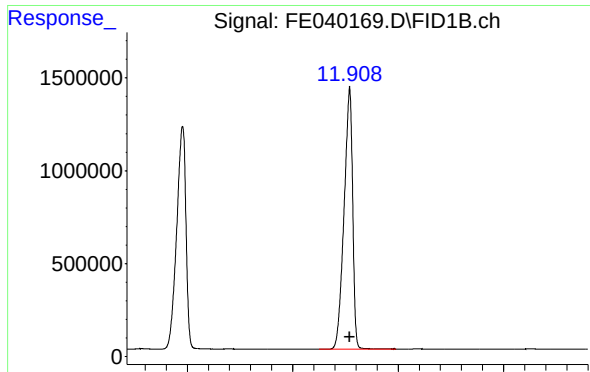
#7 n-Hexadecane (C16)

R.T.: 10.146 min
Delta R.T.: 0.000 min
Response: 14378719
Conc: 101.18 ug/ml



#8 n-Octadecane (C18)

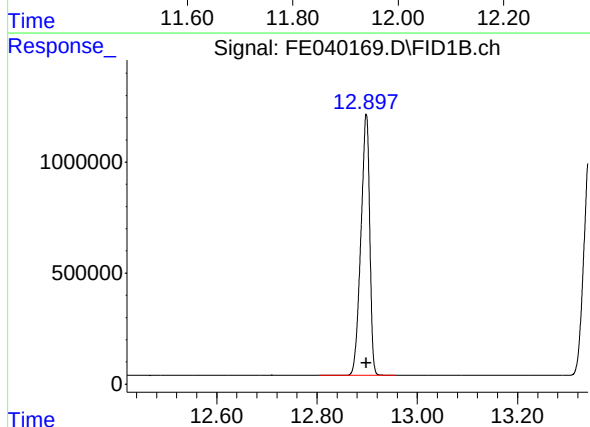
R.T.: 11.591 min
Delta R.T.: 0.000 min
Response: 14659191
Conc: 100.44 ug/ml



#9 ortho-Terphenyl (SURR)

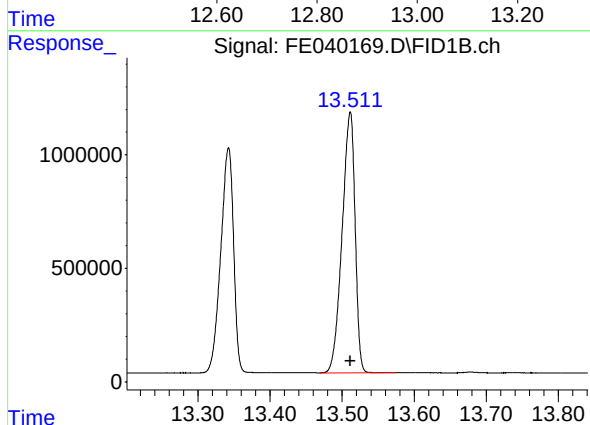
R.T.: 11.908 min
Delta R.T.: 0.000 min
Response: 15900667
Conc: 100.14 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



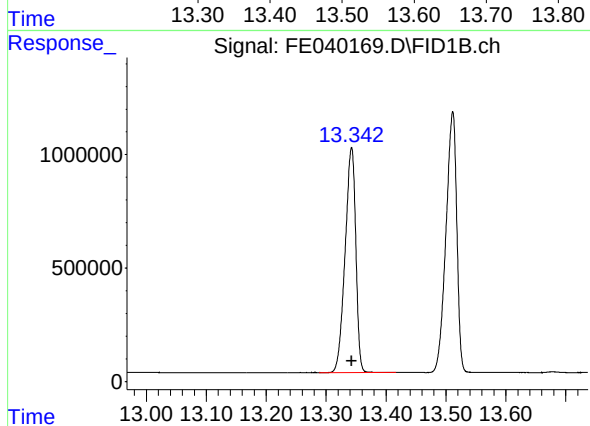
#10 n-Eicosane (C20)

R.T.: 12.898 min
Delta R.T.: 0.000 min
Response: 14354566
Conc: 100.01 ug/ml



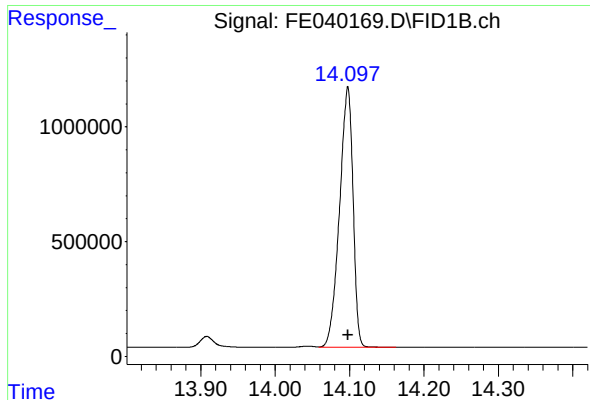
#11 n-Heneicosane (C21)

R.T.: 13.511 min
Delta R.T.: 0.000 min
Response: 14408962
Conc: 99.94 ug/ml



#12 1-chlorooctadecane (SURR)

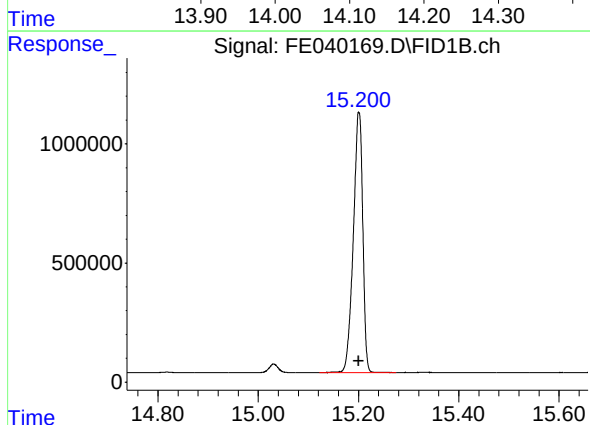
R.T.: 13.343 min
Delta R.T.: 0.000 min
Response: 12303947
Conc: 100.45 ug/ml



#13 n-Docosane (C22)

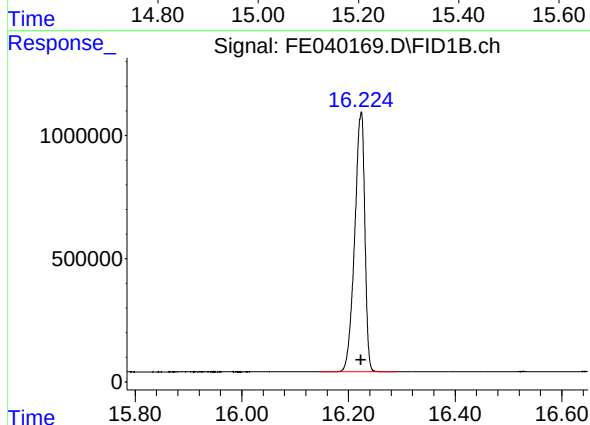
R.T.: 14.098 min
Delta R.T.: 0.000 min
Response: 14315456
Conc: 99.54 ug/ml

Instrument :
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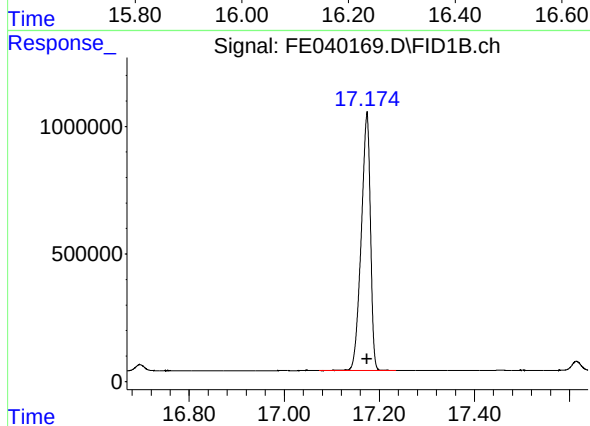
#14 n-Tetracosane (C24)

R.T.: 15.201 min
Delta R.T.: 0.000 min
Response: 14304739
Conc: 98.58 ug/ml



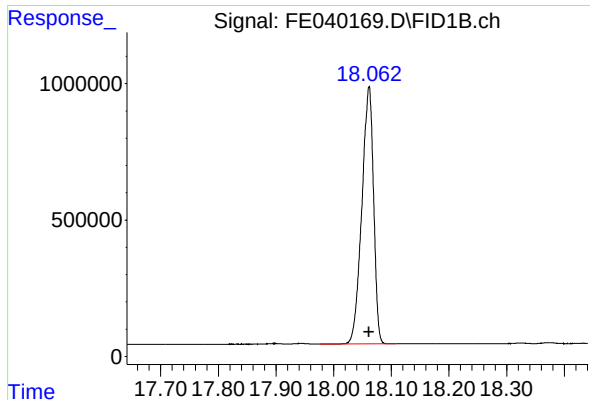
#15 n-Hexacosane (C26)

R.T.: 16.224 min
Delta R.T.: 0.000 min
Response: 13910183
Conc: 98.68 ug/ml



#16 n-Octacosane (C28)

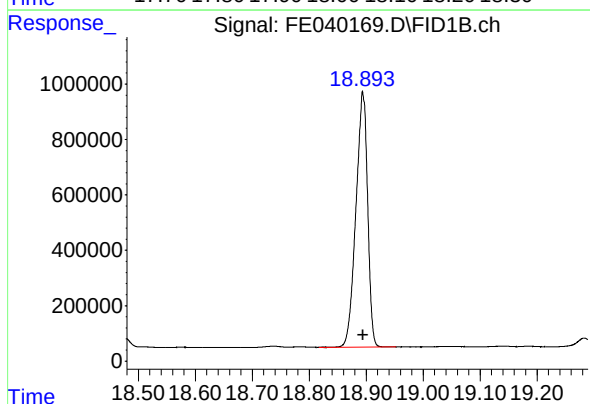
R.T.: 17.174 min
Delta R.T.: 0.000 min
Response: 13669703
Conc: 97.72 ug/ml



#17 n-Tricontane (C30)

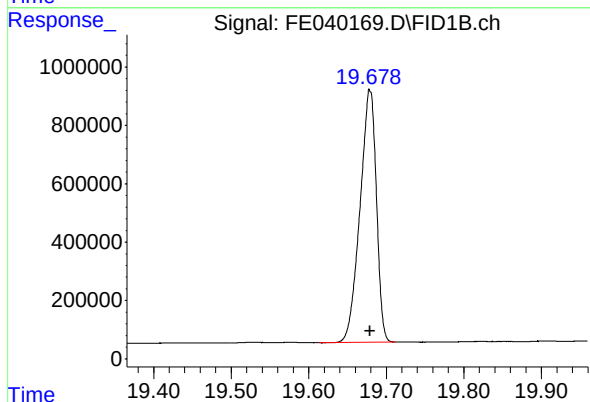
R.T.: 18.062 min
Delta R.T.: 0.000 min
Response: 13352387
Conc: 97.50 ug/ml

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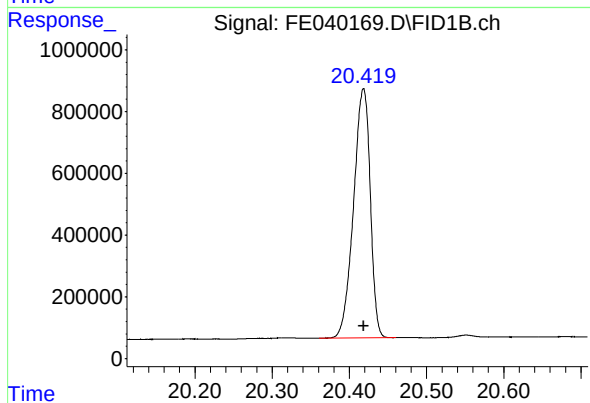
#18 n-Dotriacontane (C32)

R.T.: 18.894 min
Delta R.T.: 0.000 min
Response: 13162132
Conc: 97.36 ug/ml



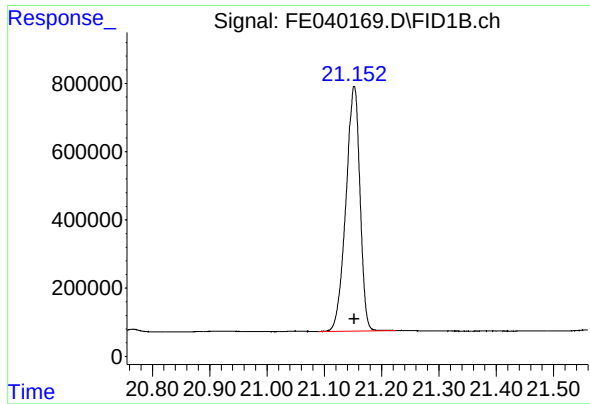
#19 n-Tetratriacontane (C34)

R.T.: 19.679 min
Delta R.T.: 0.000 min
Response: 12714778
Conc: 98.21 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.418 min
Delta R.T.: 0.000 min
Response: 12146611
Conc: 96.76 ug/ml



#21 n-Octatriacontane (C38)

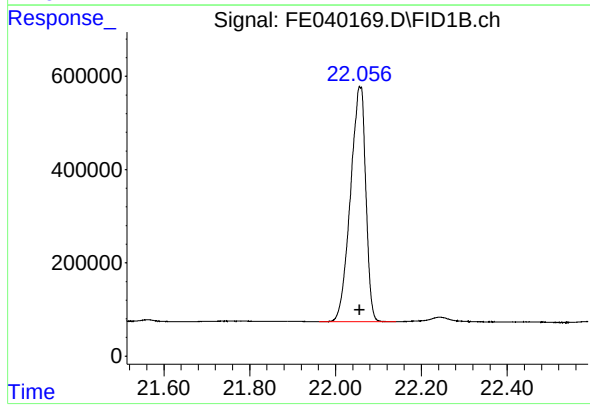
R.T.: 21.152 min
Delta R.T.: 0.000 min
Response: 12236108
Conc: 98.32 ug/ml

Instrument :

FID_E

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.057 min
Delta R.T.: 0.000 min
Response: 12507162
Conc: 97.80 ug/ml