

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032523AL\
 Data File : FE041017.D
 Signal(s) : FID1B.ch
 Acq On : 25 Mar 2023 00:09
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Mar 25 06:25:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 25 06:22:45 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)	11.875	17694265	97.998 ug/ml
Spiked Amount 50.000		Recovery =	196.00%
12) S 1-chlorooctadecane (S...	13.311	13649901	98.443 ug/ml
Spiked Amount 50.000		Recovery =	196.89%
Target Compounds			
1) T n-Nonane (C9)	3.265	16491726	98.306 ug/ml
2) T n-Decane (C10)	4.514	16346671	98.617 ug/ml
3) T A~Naphthalene (C11.7)	6.216	18699034	100.877 ug/ml
4) T n-Dodecane (C12)	6.680	16615441	98.579 ug/ml
5) T A~2-methylnaphthalene...	7.312	17519357	102.334 ug/ml
6) T n-Tetradecane (C14)	8.507	16699314	98.704 ug/ml
7) T n-Hexadecane (C16)	10.114	16965697	98.546 ug/ml
8) T n-Octadecane (C18)	11.558	16832414	98.029 ug/ml
10) T n-Eicosane (C20)	12.868	16003803	97.941 ug/ml
11) T n-Heneicosane (C21)	13.479	15854184	98.042 ug/ml
13) T n-Docosane (C22)	14.066	15508221	97.901 ug/ml
14) T n-Tetracosane (C24)	15.168	15143437	98.156 ug/ml
15) T n-Hexacosane (C26)	16.191	14622450	98.500 ug/ml
16) T n-Octacosane (C28)	17.141	14384481	98.438 ug/ml
17) T n-Tricontane (C30)	18.031	14270155	98.077 ug/ml
18) T n-Dotriacontane (C32)	18.865	14402371	97.533 ug/ml
19) T n-Tetratriacontane (C34)	19.649	14463503	97.951 ug/ml
20) T n-Hexatriacontane (C36)	20.391	14111382	96.667 ug/ml
21) T n-Octatriacontane (C38)	21.120	14557936	98.560 ug/ml
22) T n-Tetracontane (C40)	22.012	14960464	97.753 ug/ml

(f)=RT Delta > 1/2 Window

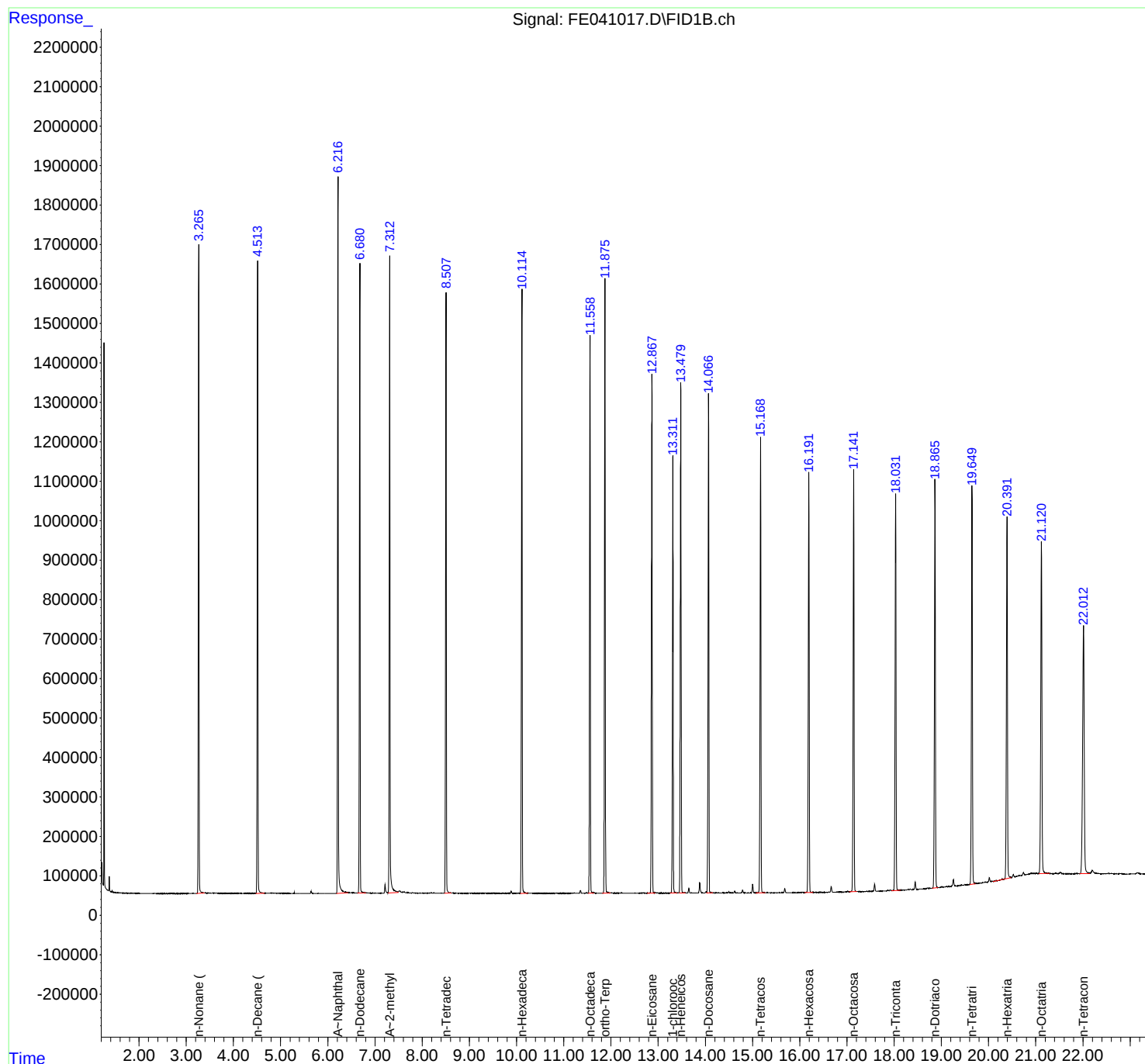
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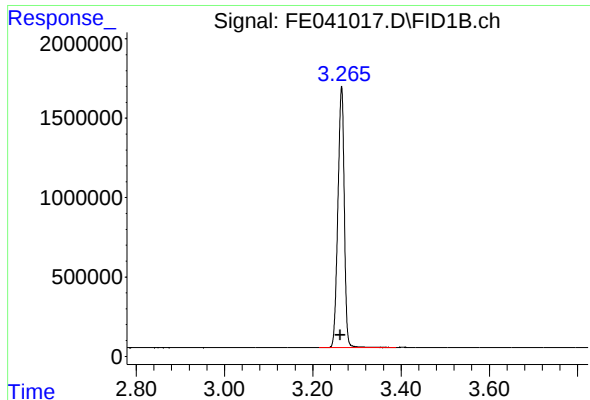
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032523AL\
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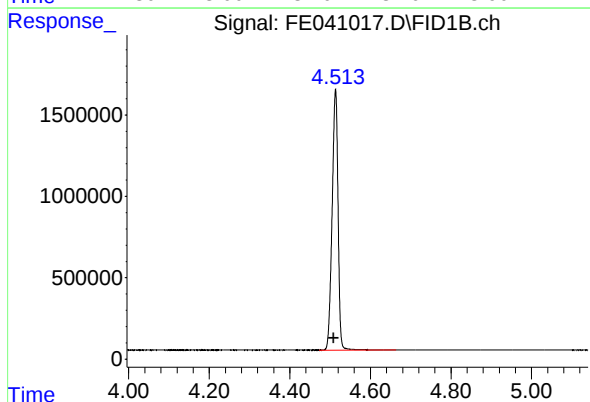




#1 n-Nonane (C9)

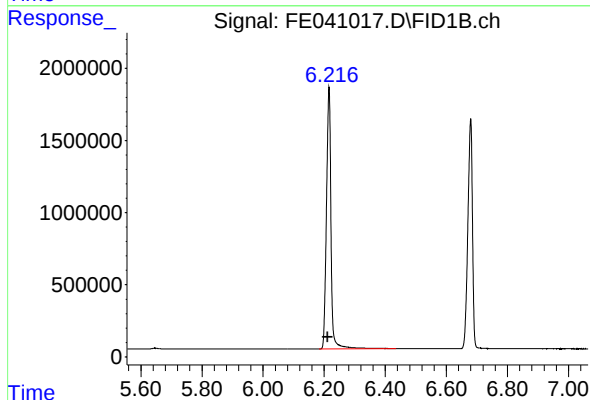
R.T.: 3.265 min
Delta R.T.: 0.003 min
Response: 16491726
Conc: 98.31 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



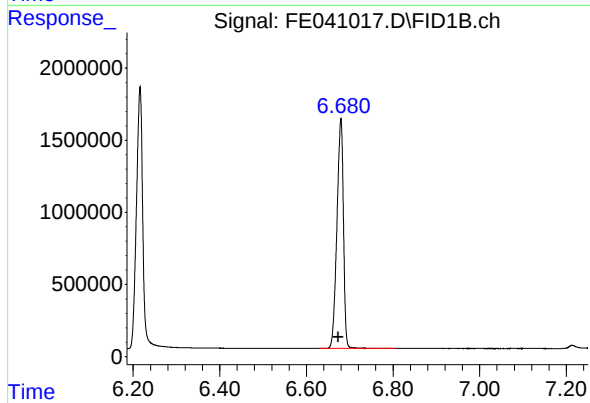
#2 n-Decane (C10)

R.T.: 4.514 min
Delta R.T.: 0.005 min
Response: 16346671
Conc: 98.62 ug/ml



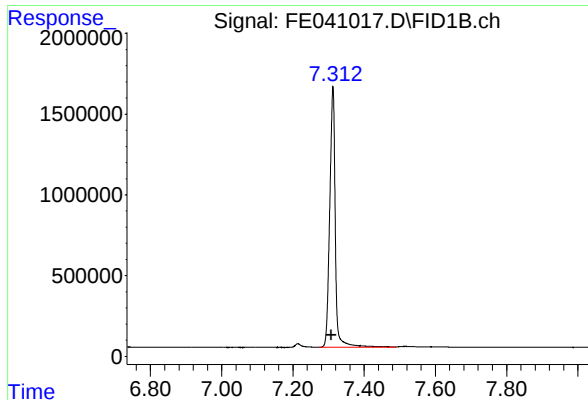
#3 A~Naphthalene (C11.7)

R.T.: 6.216 min
Delta R.T.: 0.004 min
Response: 18699034
Conc: 100.88 ug/ml



#4 n-Dodecane (C12)

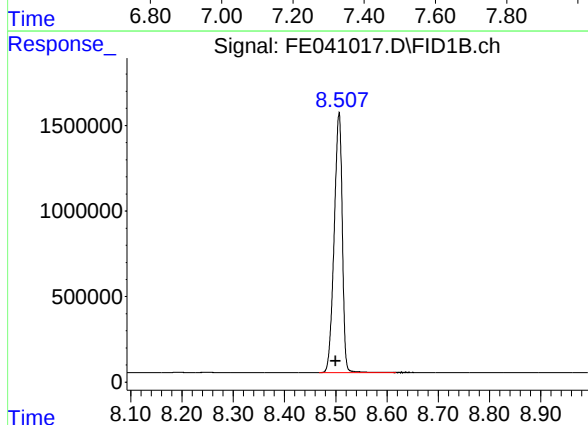
R.T.: 6.680 min
Delta R.T.: 0.006 min
Response: 16615441
Conc: 98.58 ug/ml



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

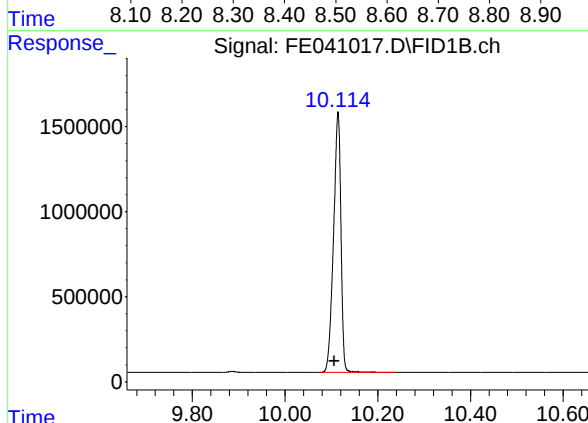
R.T.: 7.312 min
Delta R.T.: 0.005 min
Response: 17519357
Conc: 102.33 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



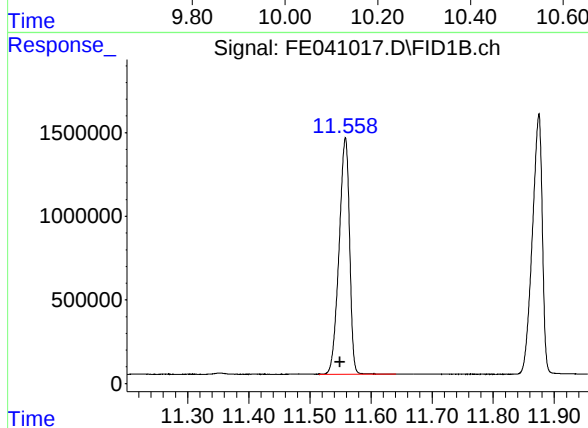
#6 n-Tetradecane (C14)

R.T.: 8.507 min
Delta R.T.: 0.006 min
Response: 16699314
Conc: 98.70 ug/ml



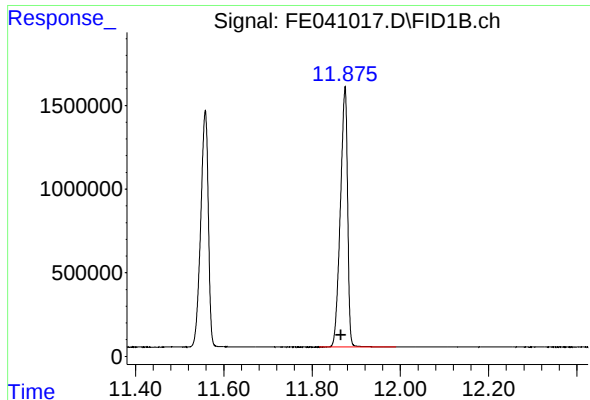
#7 n-Hexadecane (C16)

R.T.: 10.114 min
Delta R.T.: 0.008 min
Response: 16965697
Conc: 98.55 ug/ml



#8 n-Octadecane (C18)

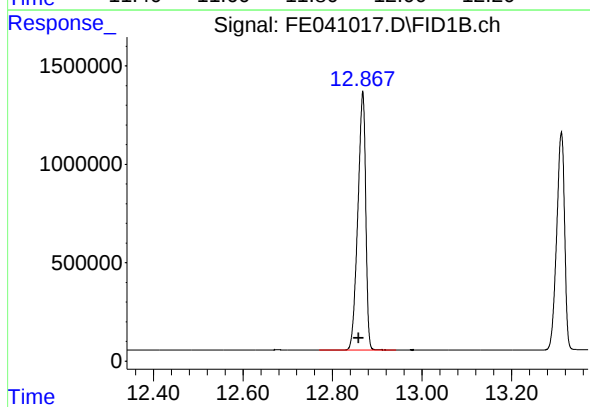
R.T.: 11.558 min
Delta R.T.: 0.009 min
Response: 16832414
Conc: 98.03 ug/ml



#9 ortho-Terphenyl (SURR)

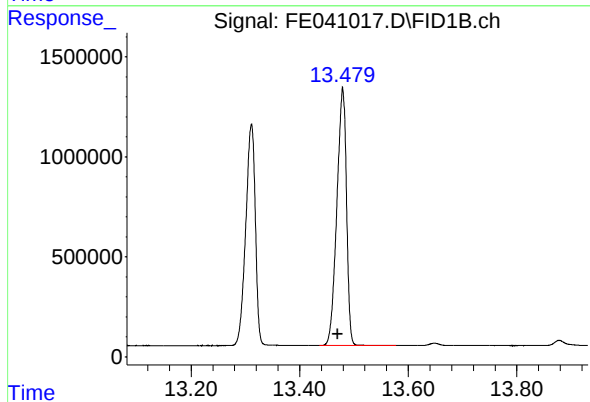
R.T.: 11.875 min
Delta R.T.: 0.010 min
Response: 17694265
Conc: 98.00 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



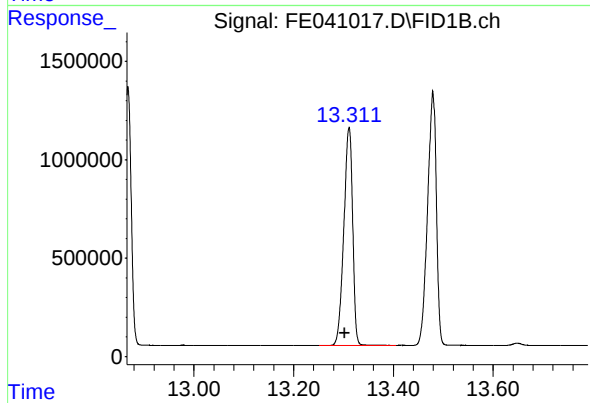
#10 n-Eicosane (C20)

R.T.: 12.868 min
Delta R.T.: 0.009 min
Response: 16003803
Conc: 97.94 ug/ml



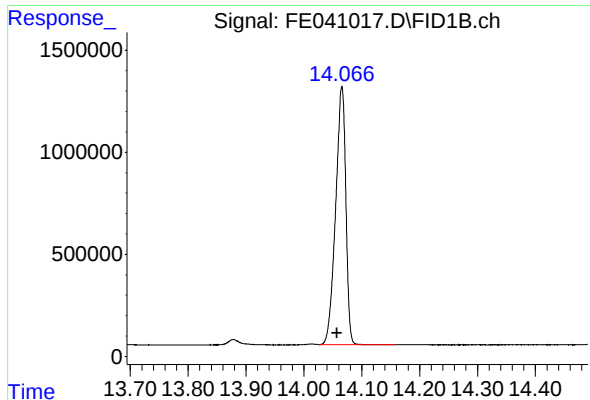
#11 n-Heneicosane (C21)

R.T.: 13.479 min
Delta R.T.: 0.009 min
Response: 15854184
Conc: 98.04 ug/ml



#12 1-chlorooctadecane (SURR)

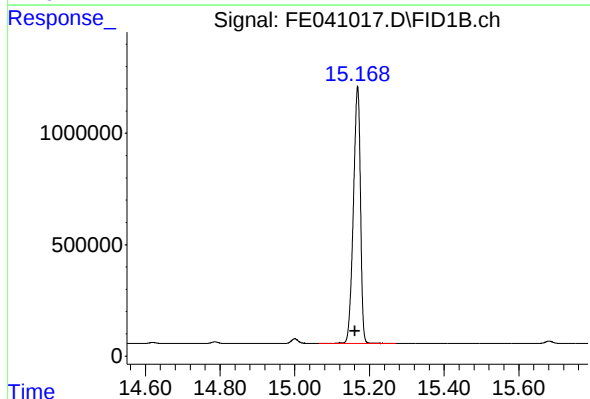
R.T.: 13.311 min
Delta R.T.: 0.009 min
Response: 13649901
Conc: 98.44 ug/ml



#13 n-Docosane (C22)

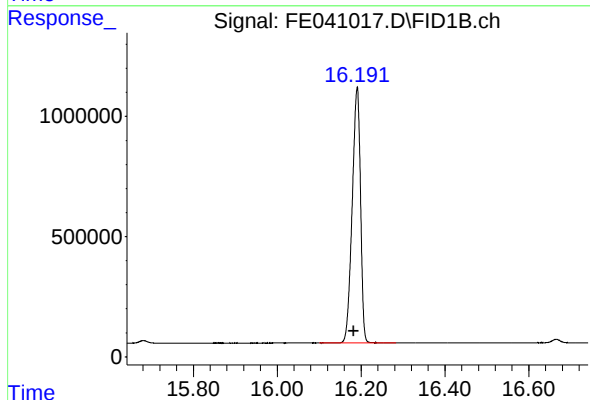
R.T.: 14.066 min
Delta R.T.: 0.008 min
Response: 15508221
Conc: 97.90 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



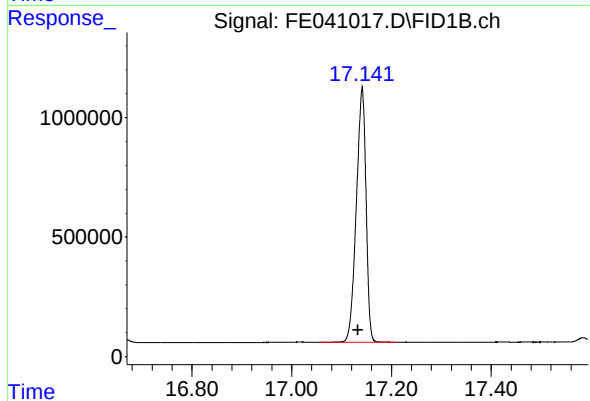
#14 n-Tetracosane (C24)

R.T.: 15.168 min
Delta R.T.: 0.008 min
Response: 15143437
Conc: 98.16 ug/ml



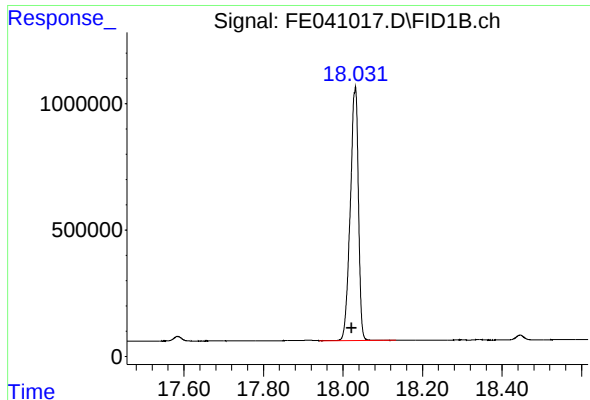
#15 n-Hexacosane (C26)

R.T.: 16.191 min
Delta R.T.: 0.009 min
Response: 14622450
Conc: 98.50 ug/ml



#16 n-Octacosane (C28)

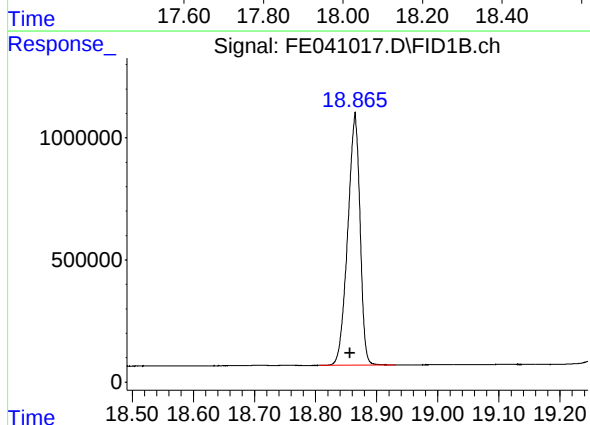
R.T.: 17.141 min
Delta R.T.: 0.008 min
Response: 14384481
Conc: 98.44 ug/ml



#17 n-Tricontane (C30)

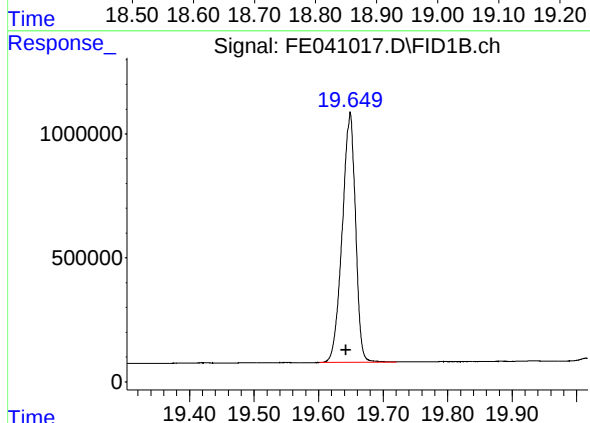
R.T.: 18.031 min
Delta R.T.: 0.009 min
Response: 14270155
Conc: 98.08 ug/ml

Instrument :
FID_E
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100 PPM ALIPHATIC HC STD1



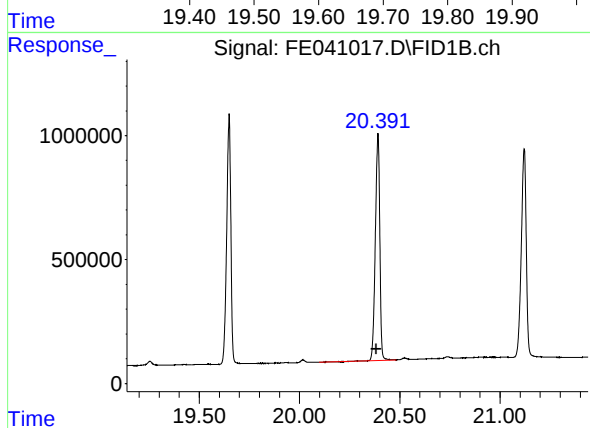
#18 n-Dotriacontane (C32)

R.T.: 18.865 min
Delta R.T.: 0.008 min
Response: 14402371
Conc: 97.53 ug/ml



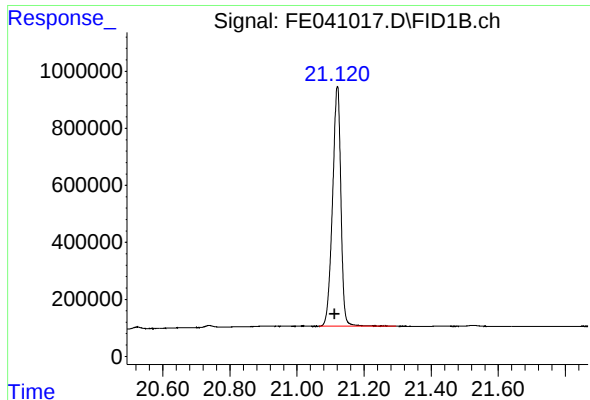
#19 n-Tetratriacontane (C34)

R.T.: 19.649 min
Delta R.T.: 0.007 min
Response: 14463503
Conc: 97.95 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.391 min
Delta R.T.: 0.007 min
Response: 14111382
Conc: 96.67 ug/ml



#21 n-Octatriacontane (C38)

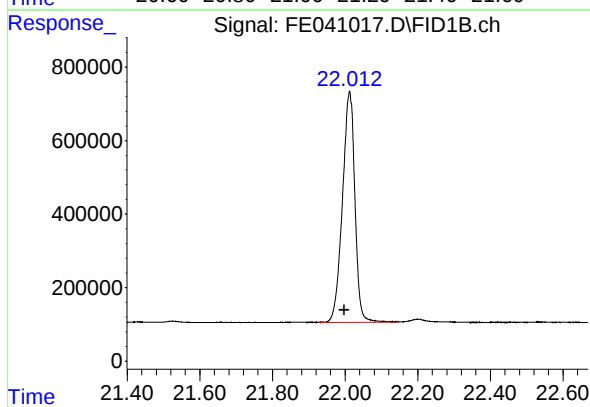
R.T.: 21.120 min
Delta R.T.: 0.008 min
Response: 14557936
Conc: 98.56 ug/ml

Instrument :

FID_E

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.012 min
Delta R.T.: 0.014 min
Response: 14960464
Conc: 97.75 ug/ml