

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110525AL\
 Data File : FE056681.D
 Signal(s) : FID1B.ch
 Acq On : 05 Nov 2025 20:10
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 06 02:08:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 12:50:27 2025
 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)	11.969	4186298	20.038 ug/ml
Spiked Amount 50.000		Recovery =	40.08%
12) S 1-chlorooctadecane (S...	13.408	3154320	19.578 ug/ml
Spiked Amount 50.000		Recovery =	39.16%
Target Compounds			
1) T n-Nonane (C9)	3.322	3574990	21.284 ug/ml
2) T n-Decane (C10)	4.575	3707878	21.608 ug/ml
3) T A~Naphthalene (C11.7)	6.291	3862163	20.924 ug/ml
4) T n-Dodecane (C12)	6.749	3815667	21.938 ug/ml
5) T A~2-methylnaphthalene...	7.391	3671778	20.718 ug/ml
6) T n-Tetradecane (C14)	8.584	3763855	21.563 ug/ml
7) T n-Hexadecane (C16)	10.198	3876090	21.186 ug/ml
8) T n-Octadecane (C18)	11.646	3904546	20.629 ug/ml
10) T n-Eicosane (C20)	12.961	3712788	19.922 ug/ml
11) T n-Heneicosane (C21)	13.575	3619396	19.683 ug/ml
13) T n-Docosane (C22)	14.163	3596737	19.213 ug/ml
14) T n-Tetracosane (C24)	15.270	3619922	18.482 ug/ml
15) T n-Hexacosane (C26)	16.295	3534329	18.187 ug/ml
16) T n-Octacosane (C28)	17.247	3487687	18.009 ug/ml
17) T n-Tricontane (C30)	18.138	3622895	18.070 ug/ml
18) T n-Dotriacontane (C32)	18.974	3636003	18.490 ug/ml
19) T n-Tetratriacontane (C34)	19.759	3335861	19.326 ug/ml
20) T n-Hexatriacontane (C36)	20.501	2951166	20.401 ug/ml
21) T n-Octatriacontane (C38)	21.255	2773945	22.040 ug/ml
22) T n-Tetracontane (C40)	22.202	2737168	23.675 ug/ml

(f)=RT Delta > 1/2 Window

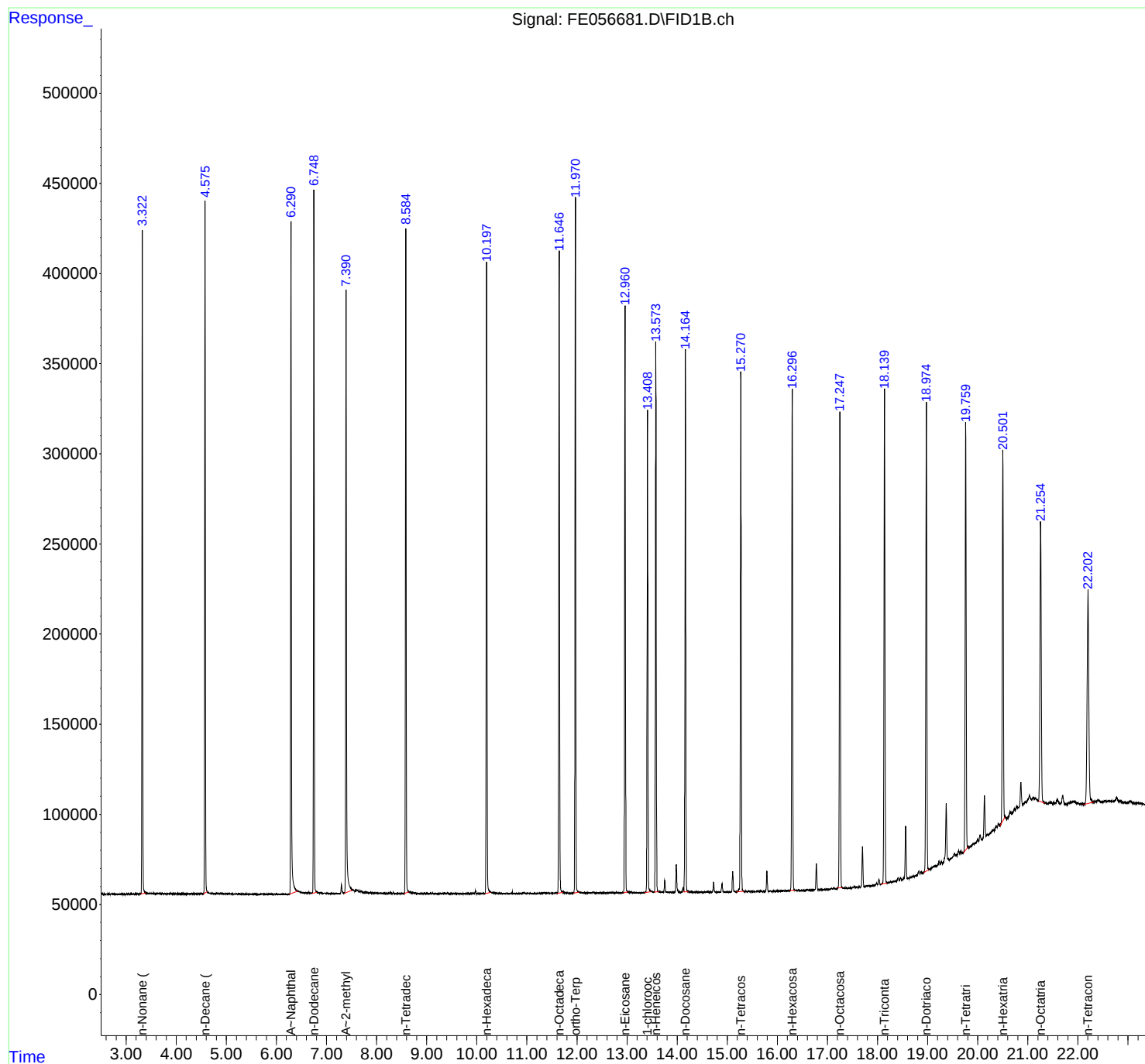
(m)=manual int.

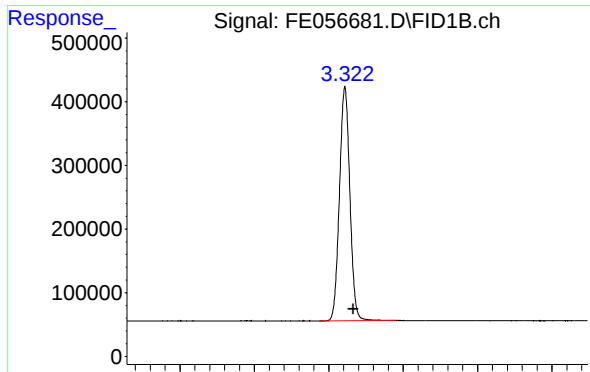
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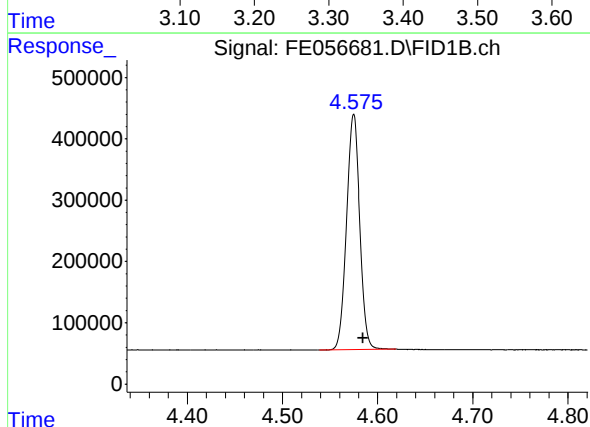




#1 n-Nonane (C9)

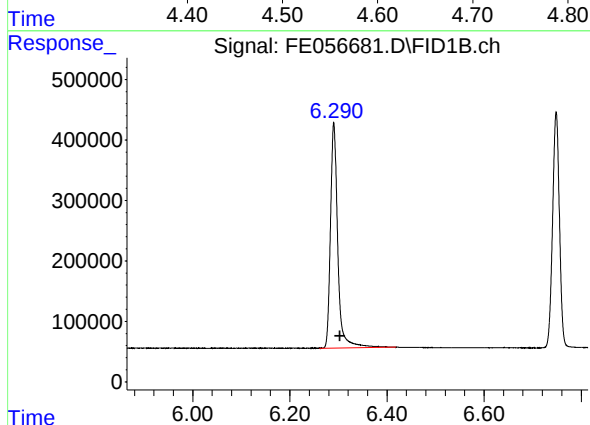
R.T.: 3.322 min
Delta R.T.: -0.011 min
Response: 3574990
Conc: 21.28 ug/ml

Instrument :
FID_E
ClientSampleId :



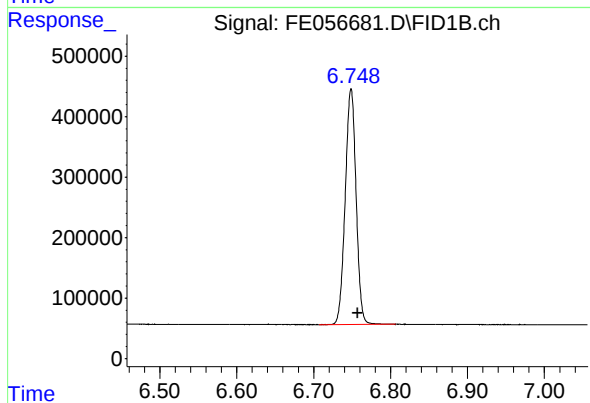
#2 n-Decane (C10)

R.T.: 4.575 min
Delta R.T.: -0.010 min
Response: 3707878
Conc: 21.61 ug/ml



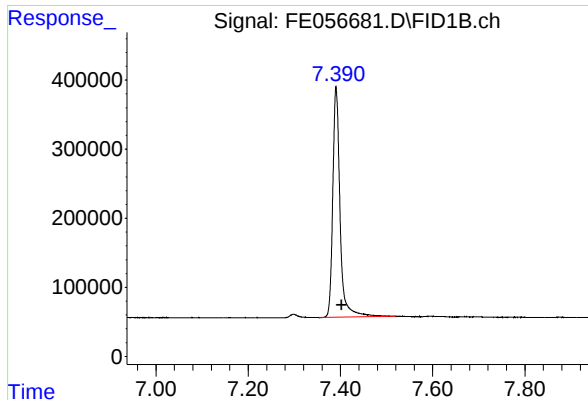
#3 A~Naphthalene (C11.7)

R.T.: 6.291 min
Delta R.T.: -0.013 min
Response: 3862163
Conc: 20.92 ug/ml



#4 n-Dodecane (C12)

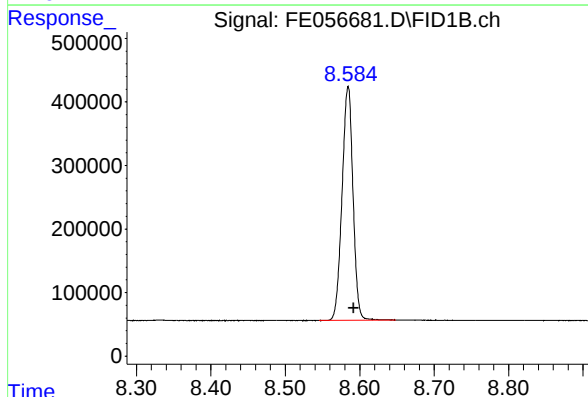
R.T.: 6.749 min
Delta R.T.: -0.008 min
Response: 3815667
Conc: 21.94 ug/ml



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

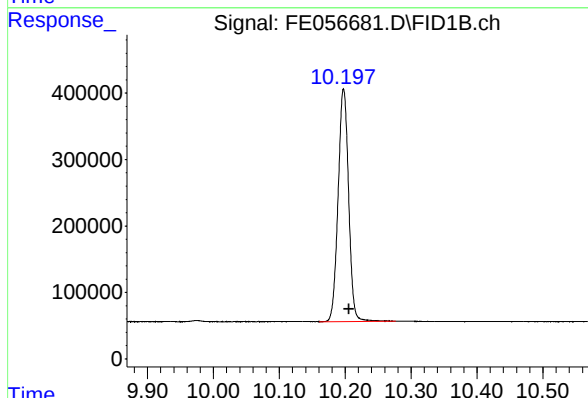
R.T.: 7.391 min
Delta R.T.: -0.012 min
Response: 3671778
Conc: 20.72 ug/ml

Instrument :
FID_E
ClientSampleId :



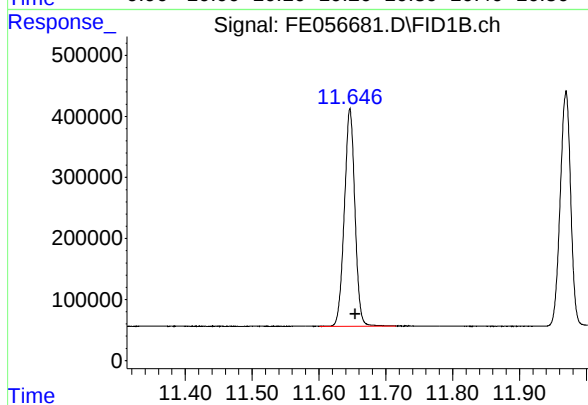
#6 n-Tetradecane (C14)

R.T.: 8.584 min
Delta R.T.: -0.008 min
Response: 3763855
Conc: 21.56 ug/ml



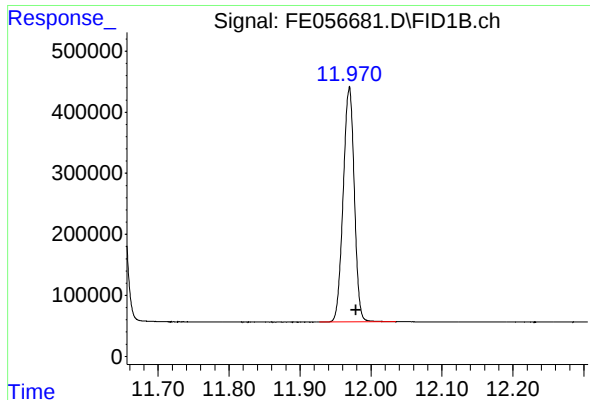
#7 n-Hexadecane (C16)

R.T.: 10.198 min
Delta R.T.: -0.008 min
Response: 3876090
Conc: 21.19 ug/ml



#8 n-Octadecane (C18)

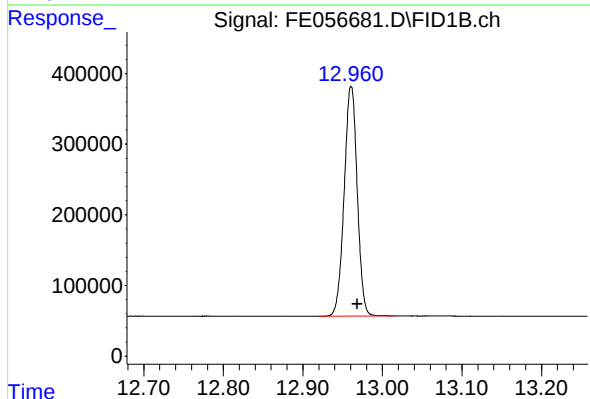
R.T.: 11.646 min
Delta R.T.: -0.008 min
Response: 3904546
Conc: 20.63 ug/ml



#9 ortho-Terphenyl (SURR)

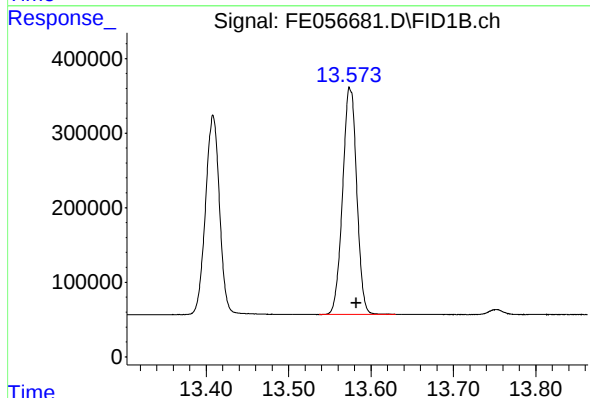
R.T.: 11.969 min
Delta R.T.: -0.009 min
Response: 4186298
Conc: 20.04 ug/ml

Instrument :
FID_E
ClientSampleId :



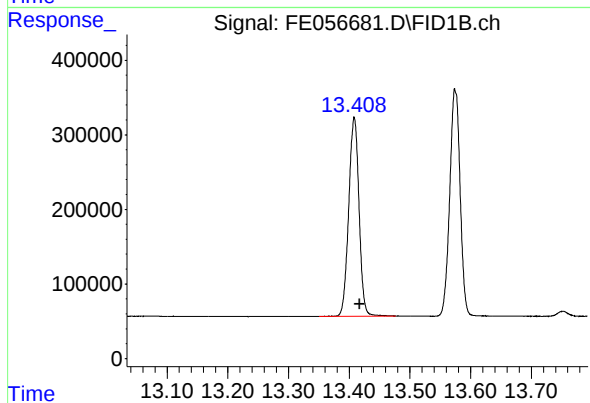
#10 n-Eicosane (C20)

R.T.: 12.961 min
Delta R.T.: -0.008 min
Response: 3712788
Conc: 19.92 ug/ml



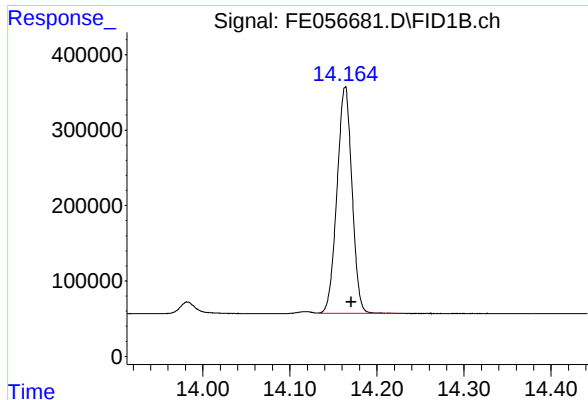
#11 n-Heneicosane (C21)

R.T.: 13.575 min
Delta R.T.: -0.008 min
Response: 3619396
Conc: 19.68 ug/ml



#12 1-chlorooctadecane (SURR)

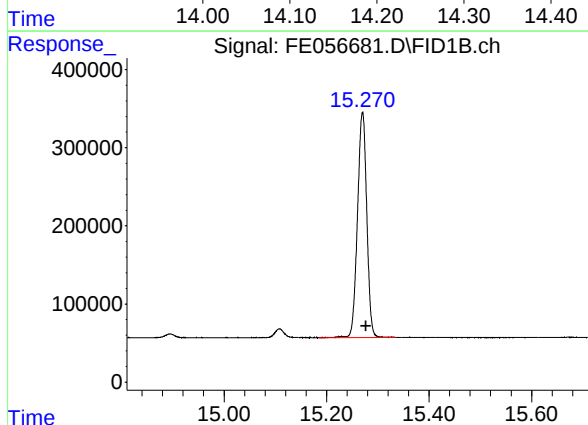
R.T.: 13.408 min
Delta R.T.: -0.009 min
Response: 3154320
Conc: 19.58 ug/ml



#13 n-Docosane (C22)

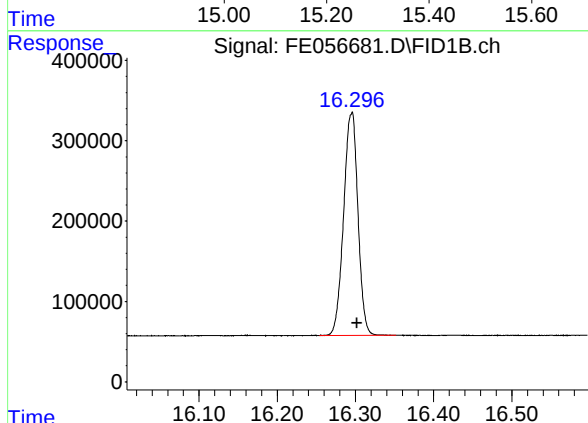
R.T.: 14.163 min
Delta R.T.: -0.007 min
Response: 3596737
Conc: 19.21 ug/ml

Instrument :
FID_E
ClientSampleId :



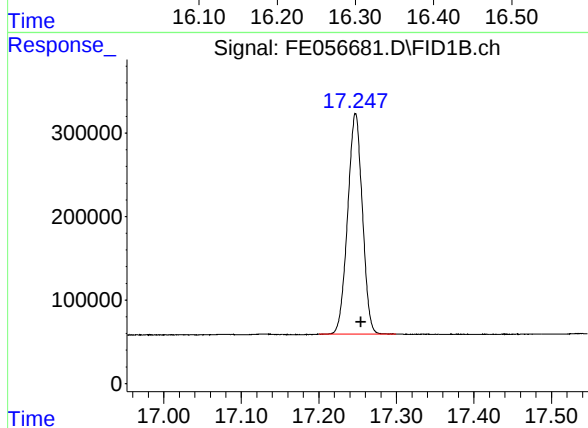
#14 n-Tetracosane (C24)

R.T.: 15.270 min
Delta R.T.: -0.007 min
Response: 3619922
Conc: 18.48 ug/ml



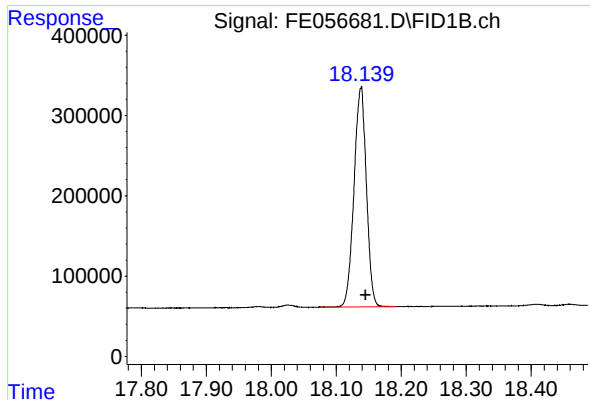
#15 n-Hexacosane (C26)

R.T.: 16.295 min
Delta R.T.: -0.007 min
Response: 3534329
Conc: 18.19 ug/ml



#16 n-Octacosane (C28)

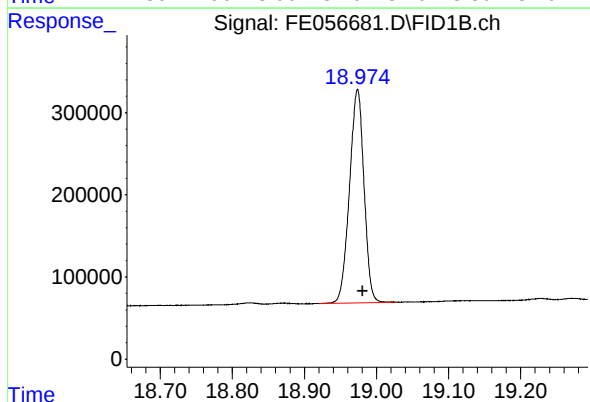
R.T.: 17.247 min
Delta R.T.: -0.007 min
Response: 3487687
Conc: 18.01 ug/ml



#17 n-Tricontane (C30)

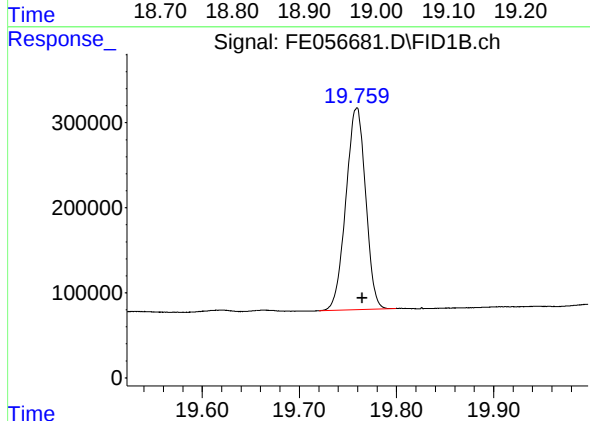
R.T.: 18.138 min
Delta R.T.: -0.007 min
Response: 3622895
Conc: 18.07 ug/ml

Instrument :
FID_E
ClientSampleId :



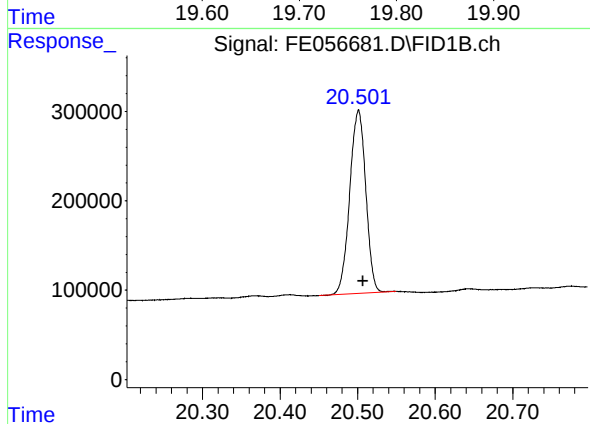
#18 n-Dotriacontane (C32)

R.T.: 18.974 min
Delta R.T.: -0.007 min
Response: 3636003
Conc: 18.49 ug/ml



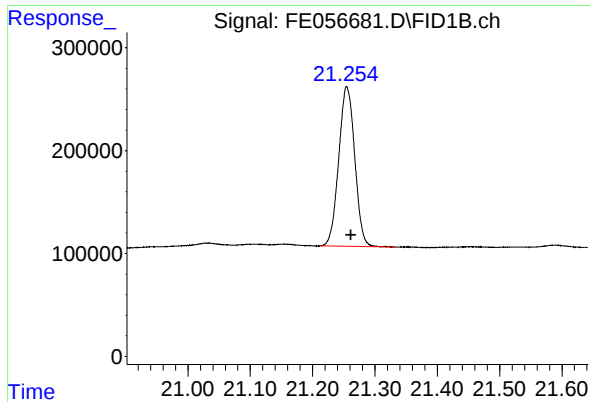
#19 n-Tetratriacontane (C34)

R.T.: 19.759 min
Delta R.T.: -0.006 min
Response: 3335861
Conc: 19.33 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.501 min
Delta R.T.: -0.006 min
Response: 2951166
Conc: 20.40 ug/ml



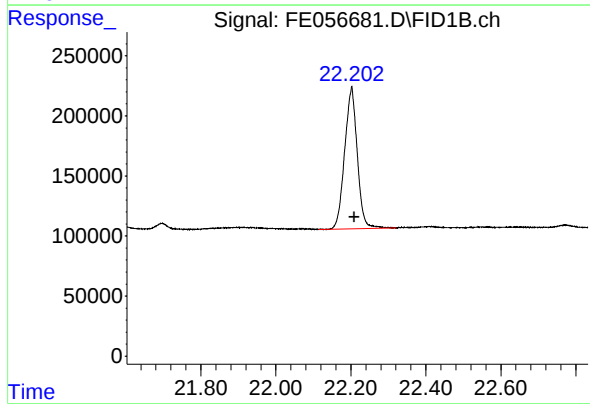
#21 n-Octatriacontane (C38)

R.T.: 21.255 min
Delta R.T.: -0.007 min
Response: 2773945
Conc: 22.04 ug/ml

Instrument :

FID_E

ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.202 min
Delta R.T.: -0.007 min
Response: 2737168
Conc: 23.68 ug/ml