

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092523AL\
 Data File : FE044415.D
 Signal(s) : FID1B.ch
 Acq On : 25 Sep 2023 08:39
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Sep 25 10:11:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092523.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 25 10:11:16 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)	11.937	17744802	92.339 ug/ml
Spiked Amount 50.000		Recovery =	184.68%
12) S 1-chlorooctadecane (S...	13.373	12927685	92.720 ug/ml
Spiked Amount 50.000		Recovery =	185.44%
Target Compounds			
1) T n-Nonane (C9)	3.319	15252677	91.641 ug/ml
2) T n-Decane (C10)	4.571	15585042	91.668 ug/ml
3) T A~Naphthalene (C11.7)	6.273	16967704	92.701 ug/ml
4) T n-Dodecane (C12)	6.736	15707909	92.321 ug/ml
5) T A~2-methylnaphthalene...	7.370	16413875	93.481 ug/ml
6) T n-Tetradecane (C14)	8.562	15524241	92.563 ug/ml
7) T n-Hexadecane (C16)	10.173	15989780	92.506 ug/ml
8) T n-Octadecane (C18)	11.620	15996745	92.296 ug/ml
10) T n-Eicosane (C20)	12.929	15139684	92.083 ug/ml
11) T n-Heneicosane (C21)	13.542	14747616	92.040 ug/ml
13) T n-Docosane (C22)	14.128	14524142	91.995 ug/ml
14) T n-Tetracosane (C24)	15.232	14165186	91.458 ug/ml
15) T n-Hexacosane (C26)	16.254	13685181	90.793 ug/ml
16) T n-Octacosane (C28)	17.206	13270933	90.393 ug/ml
17) T n-Tricontane (C30)	18.094	13351857	88.300 ug/ml
18) T n-Dotriacontane (C32)	18.928	13188950	87.269 ug/ml
19) T n-Tetratriacontane (C34)	19.716	13227906	88.394 ug/ml
20) T n-Hexatriacontane (C36)	20.456	13387291	90.334 ug/ml
21) T n-Octatriacontane (C38)	21.200	13668935	91.308 ug/ml
22) T n-Tetracontane (C40)	22.129	14710455	88.117 ug/ml

(f)=RT Delta > 1/2 Window

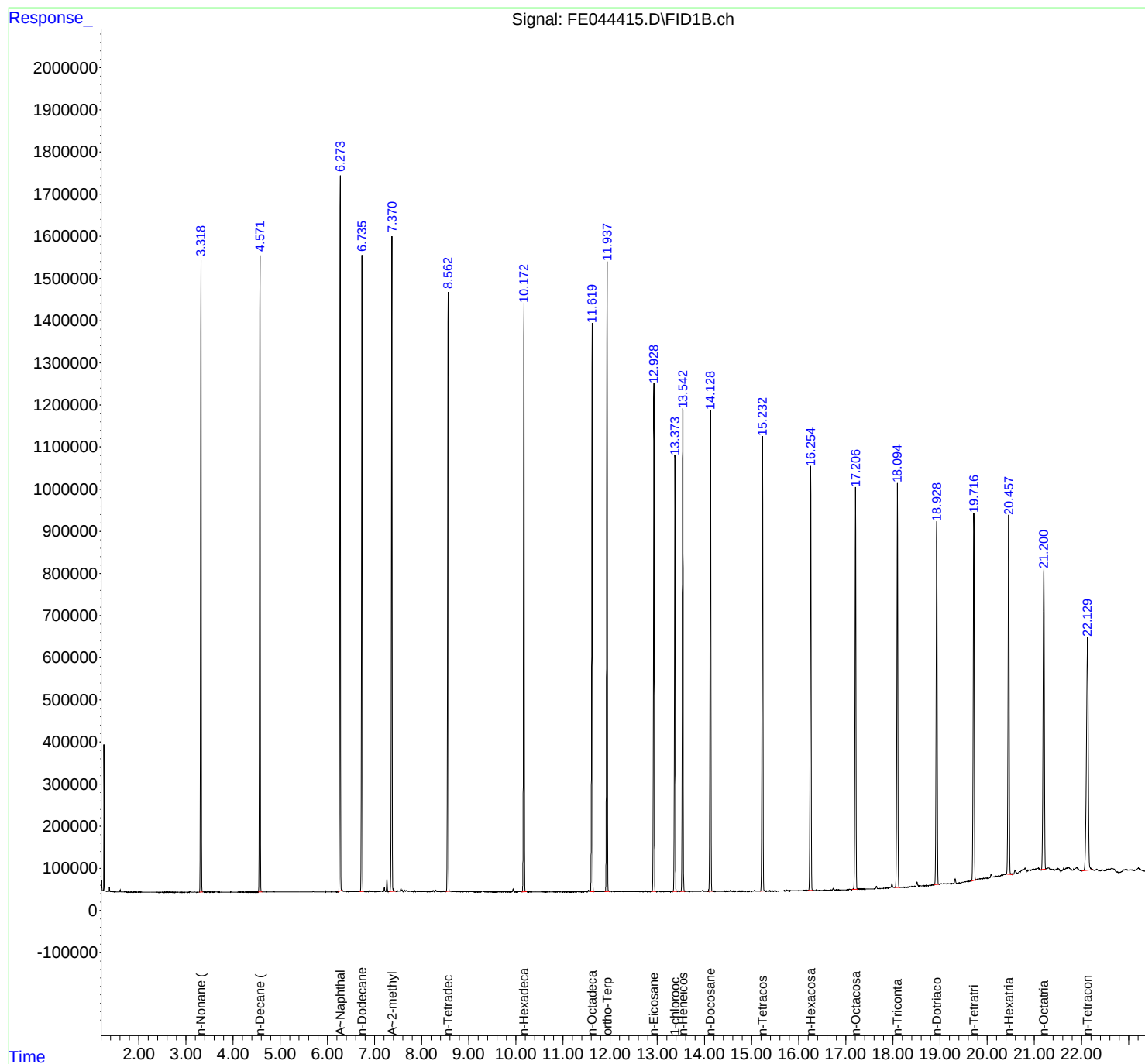
(m)=manual int.

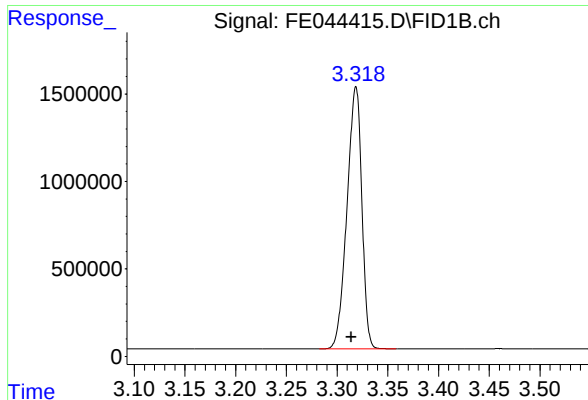
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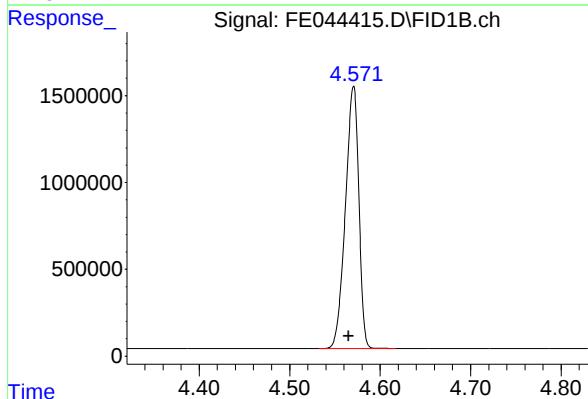




#1 n-Nonane (C9)

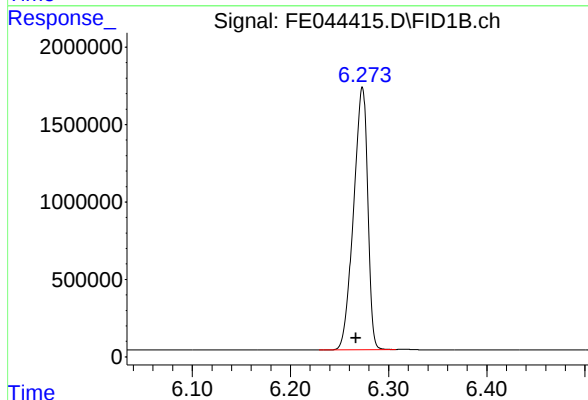
R.T.: 3.319 min
Delta R.T.: 0.005 min
Response: 15252677
Conc: 91.64 ug/ml

Instrument :
FID_E
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100 PPM ALIPHATIC HC STD1



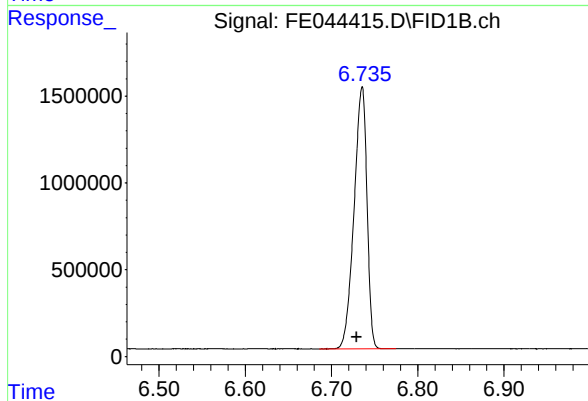
#2 n-Decane (C10)

R.T.: 4.571 min
Delta R.T.: 0.006 min
Response: 15585042
Conc: 91.67 ug/ml



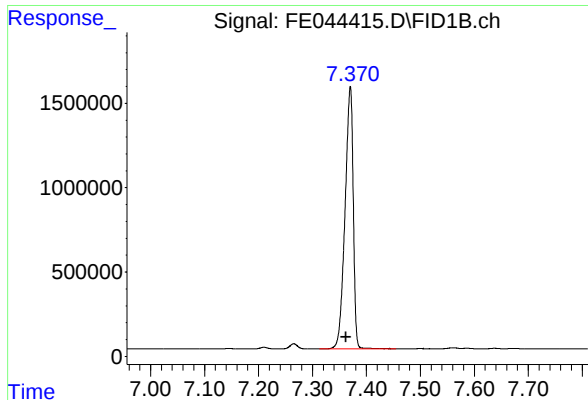
#3 A~Naphthalene (C11.7)

R.T.: 6.273 min
Delta R.T.: 0.007 min
Response: 16967704
Conc: 92.70 ug/ml



#4 n-Dodecane (C12)

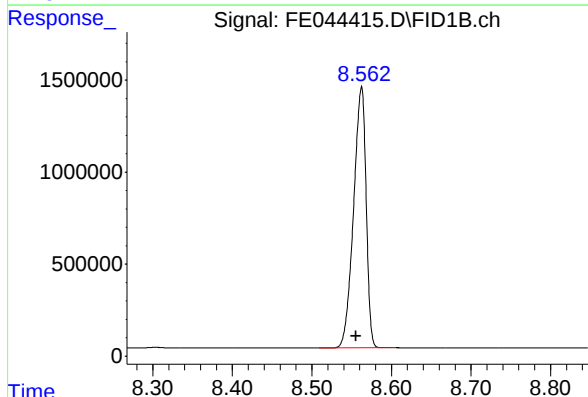
R.T.: 6.736 min
Delta R.T.: 0.006 min
Response: 15707909
Conc: 92.32 ug/ml



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

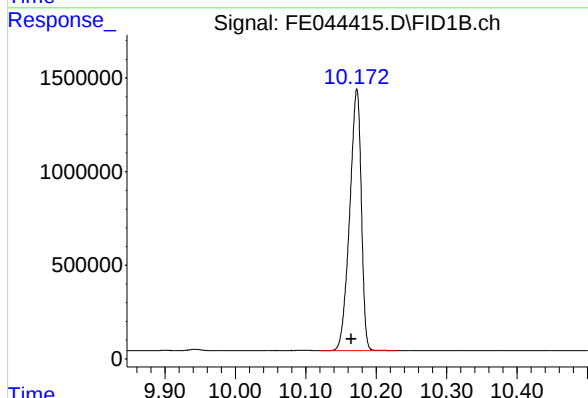
R.T.: 7.370 min
Delta R.T.: 0.008 min
Response: 16413875
Conc: 93.48 ug/ml

Instrument :
FID_E
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100 PPM ALIPHATIC HC STD1



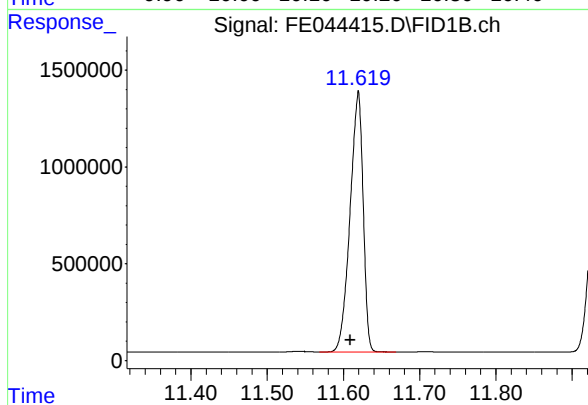
#6 n-Tetradecane (C14)

R.T.: 8.562 min
Delta R.T.: 0.007 min
Response: 15524241
Conc: 92.56 ug/ml



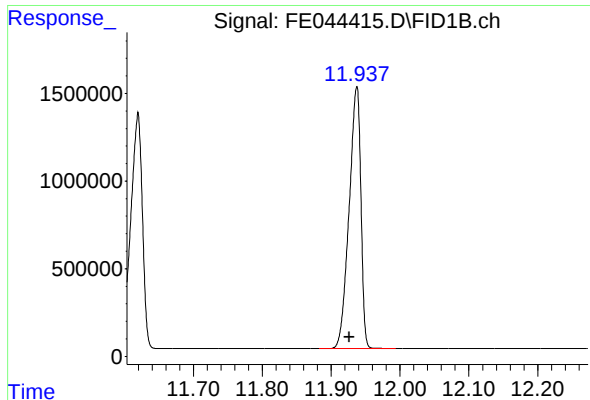
#7 n-Hexadecane (C16)

R.T.: 10.173 min
Delta R.T.: 0.008 min
Response: 15989780
Conc: 92.51 ug/ml



#8 n-Octadecane (C18)

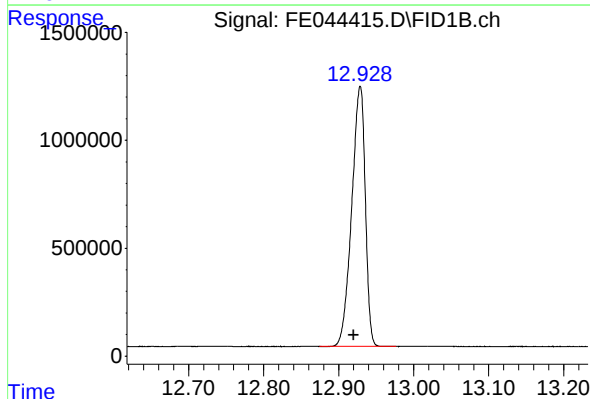
R.T.: 11.620 min
Delta R.T.: 0.010 min
Response: 15996745
Conc: 92.30 ug/ml



#9 ortho-Terphenyl (SURR)

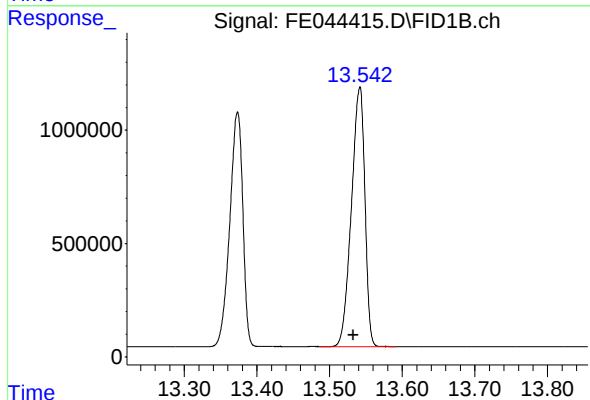
R.T.: 11.937 min
Delta R.T.: 0.011 min
Response: 17744802
Conc: 92.34 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



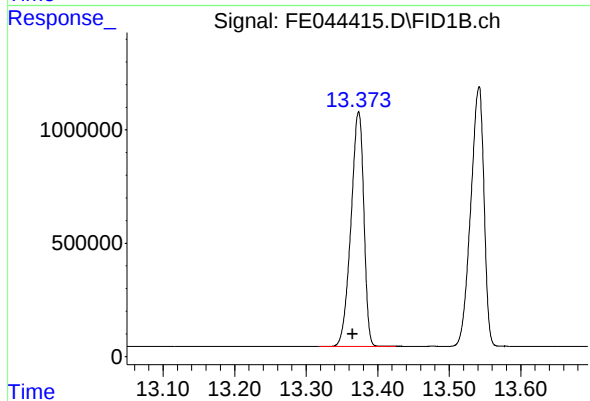
#10 n-Eicosane (C20)

R.T.: 12.929 min
Delta R.T.: 0.009 min
Response: 15139684
Conc: 92.08 ug/ml



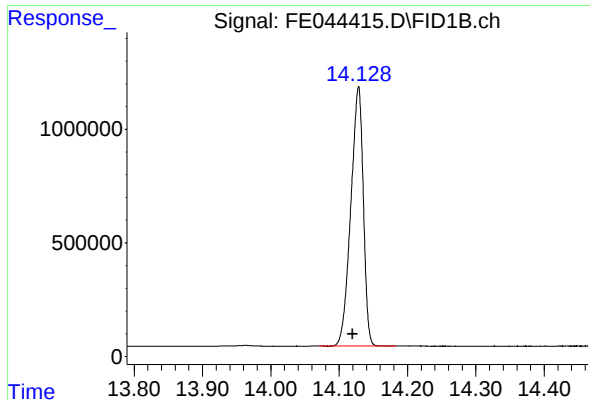
#11 n-Heneicosane (C21)

R.T.: 13.542 min
Delta R.T.: 0.009 min
Response: 14747616
Conc: 92.04 ug/ml



#12 1-chlorooctadecane (SURR)

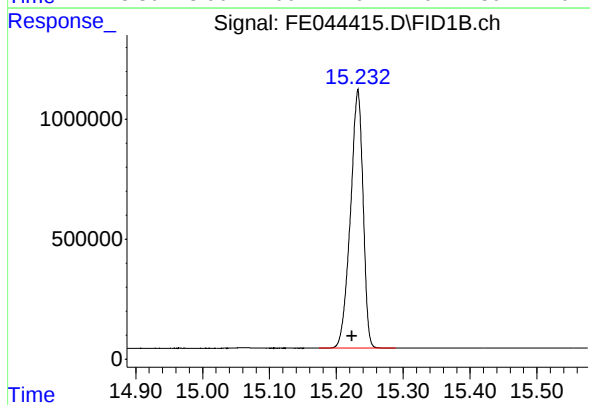
R.T.: 13.373 min
Delta R.T.: 0.008 min
Response: 12927685
Conc: 92.72 ug/ml



#13 n-Docosane (C22)

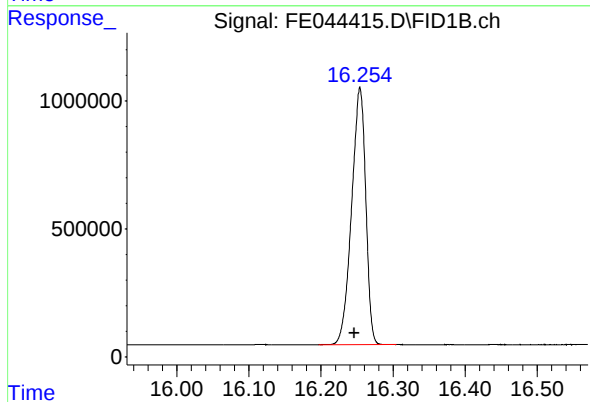
R.T.: 14.128 min
Delta R.T.: 0.009 min
Response: 14524142
Conc: 91.99 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



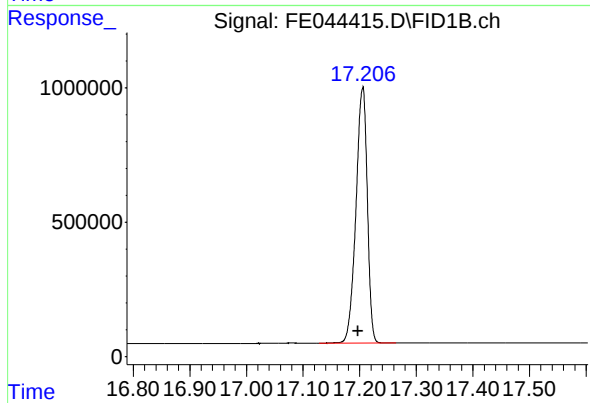
#14 n-Tetracosane (C24)

R.T.: 15.232 min
Delta R.T.: 0.009 min
Response: 14165186
Conc: 91.46 ug/ml



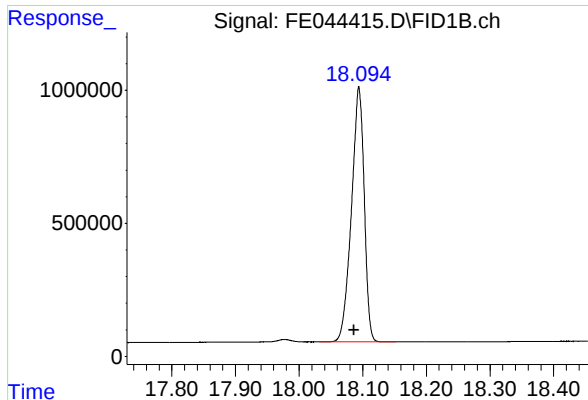
#15 n-Hexacosane (C26)

R.T.: 16.254 min
Delta R.T.: 0.008 min
Response: 13685181
Conc: 90.79 ug/ml



#16 n-Octacosane (C28)

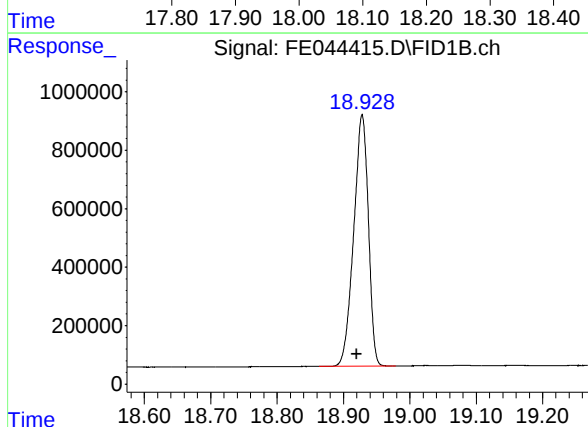
R.T.: 17.206 min
Delta R.T.: 0.008 min
Response: 13270933
Conc: 90.39 ug/ml



#17 n-Tricontane (C30)

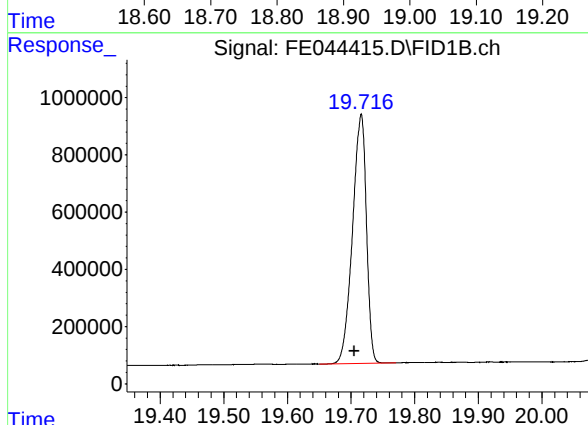
R.T.: 18.094 min
Delta R.T.: 0.008 min
Response: 13351857
Conc: 88.30 ug/ml

Instrument :
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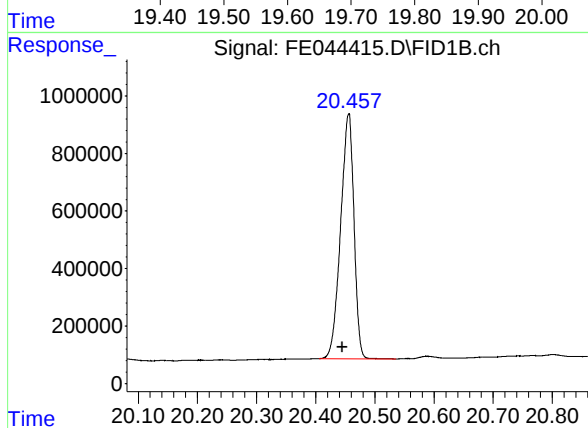
#18 n-Dotriacontane (C32)

R.T.: 18.928 min
Delta R.T.: 0.008 min
Response: 13188950
Conc: 87.27 ug/ml



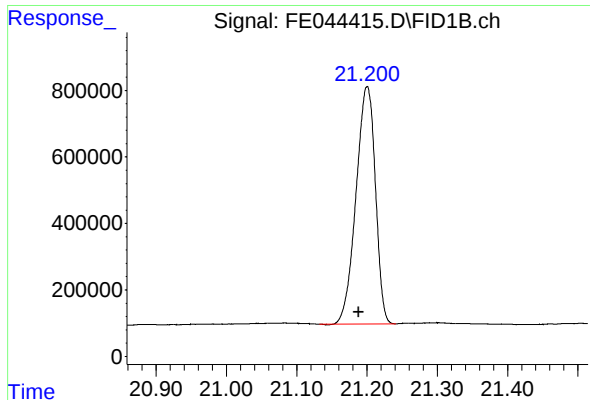
#19 n-Tetratriacontane (C34)

R.T.: 19.716 min
Delta R.T.: 0.011 min
Response: 13227906
Conc: 88.39 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.456 min
Delta R.T.: 0.010 min
Response: 13387291
Conc: 90.33 ug/ml



#21 n-Octatriacontane (C38)

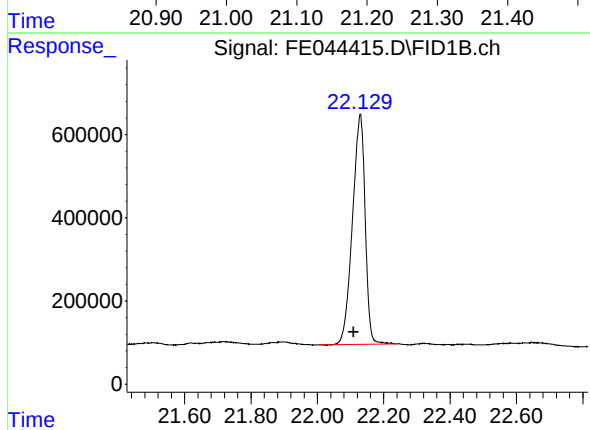
R.T.: 21.200 min
Delta R.T.: 0.012 min
Response: 13668935
Conc: 91.31 ug/ml

Instrument :

FID_E

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.129 min
Delta R.T.: 0.020 min
Response: 14710455
Conc: 88.12 ug/ml