

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102124AL\
 Data File : FE050754.D
 Signal(s) : FID1B.ch
 Acq On : 21 Oct 2024 22:09
 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: Oct 22 04:49:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 07 16:32:18 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)	11.864	3024536	19.184 ug/ml
Spiked Amount 50.000		Recovery =	38.37%
12) S 1-chlorooctadecane (S...	13.297	2306966	19.502 ug/ml
Spiked Amount 50.000		Recovery =	39.00%
Target Compounds			
1) T n-Nonane (C9)	3.250	2739572	19.390 ug/ml
2) T n-Decane (C10)	4.501	2823729	19.681 ug/ml
3) T A~Naphthalene (C11.7)	6.213	2851324	19.941 ug/ml
4) T n-Dodecane (C12)	6.669	2841855	19.744 ug/ml
5) T A~2-methylnaphthalene...	7.309	2665107	20.117 ug/ml
6) T n-Tetradecane (C14)	8.496	2816917	19.689 ug/ml
7) T n-Hexadecane (C16)	10.102	2887098	19.618 ug/ml
8) T n-Octadecane (C18)	11.543	2898431	19.404 ug/ml
10) T n-Eicosane (C20)	12.850	2773631	19.342 ug/ml
11) T n-Heneicosane (C21)	13.462	2710163	19.299 ug/ml
13) T n-Docosane (C22)	14.048	2694502	19.206 ug/ml
14) T n-Tetracosane (C24)	15.150	2709347	19.178 ug/ml
15) T n-Hexacosane (C26)	16.170	2707252	19.239 ug/ml
16) T n-Octacosane (C28)	17.118	2720330	18.590 ug/ml
17) T n-Tricontane (C30)	18.006	2970879	18.684 ug/ml
18) T n-Dotriacontane (C32)	18.838	3039445	18.749 ug/ml
19) T n-Tetratriacontane (C34)	19.621	2762184	18.804 ug/ml
20) T n-Hexatriacontane (C36)	20.361	2435920	19.209 ug/ml
21) T n-Octatriacontane (C38)	21.085	2352959	19.030 ug/ml
22) T n-Tetracontane (C40)	21.974	2007715	18.031 ug/ml

(f)=RT Delta > 1/2 Window

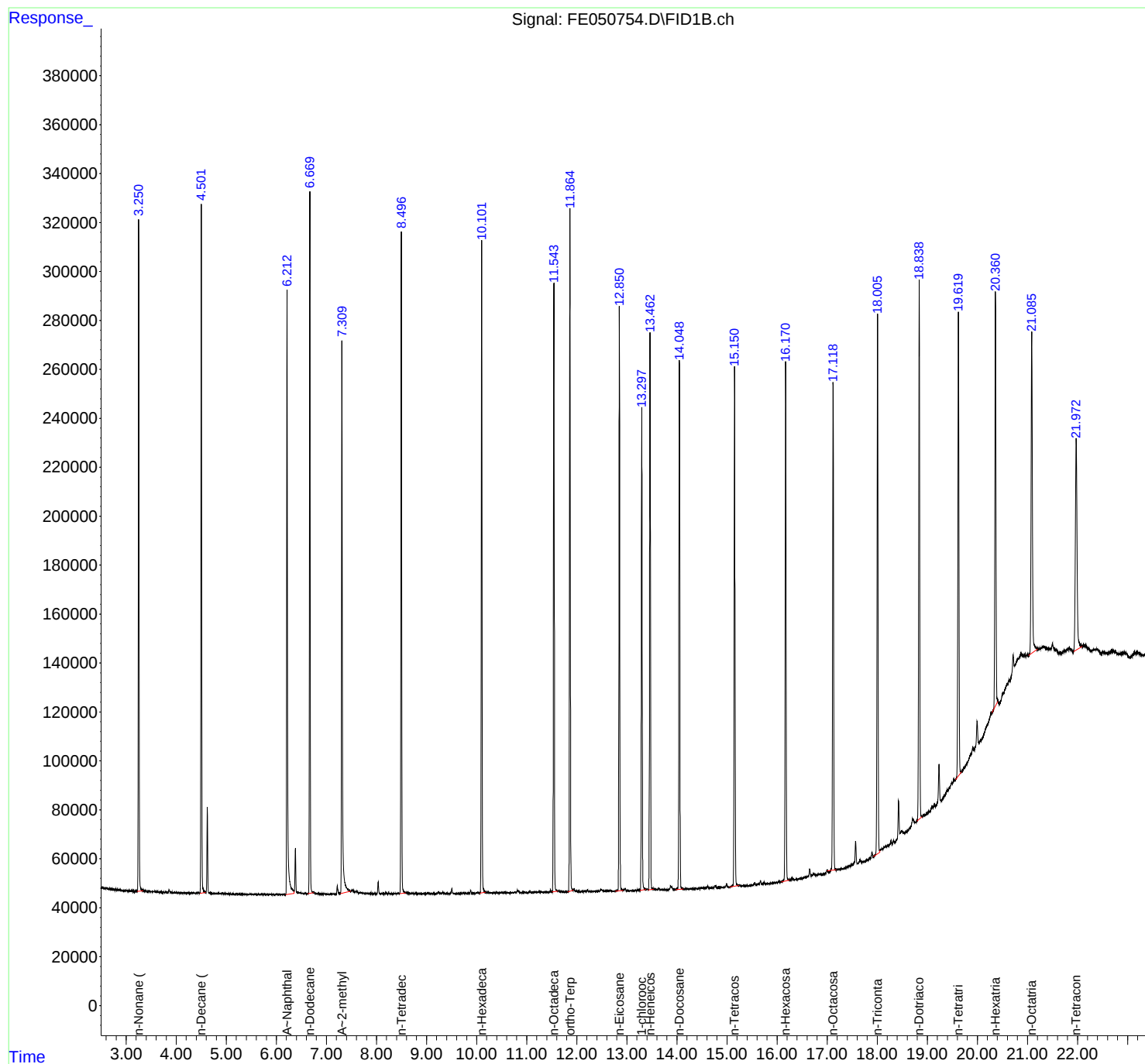
(m)=manual int.

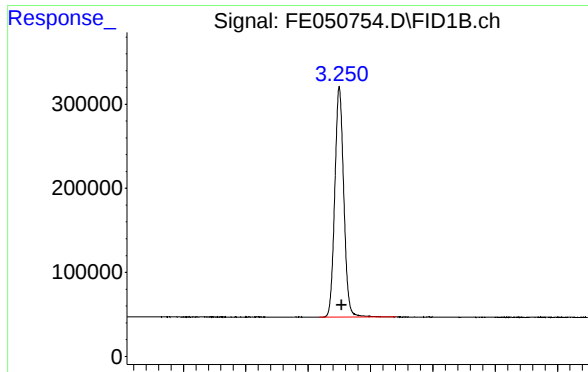
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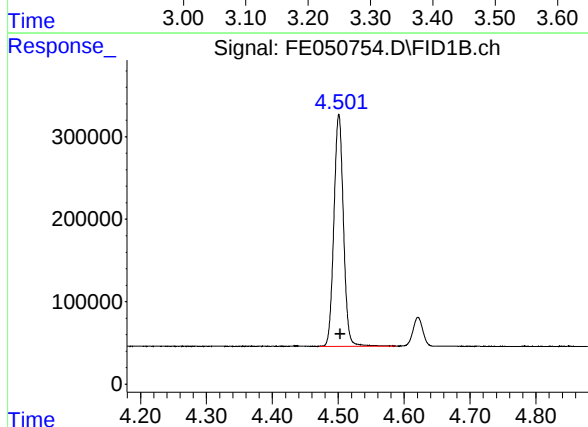




#1 n-Nonane (C9)

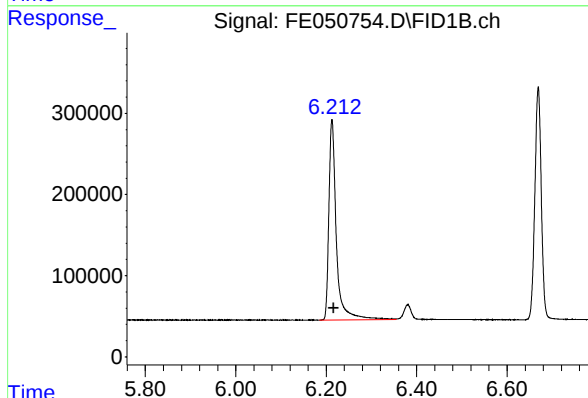
R.T.: 3.250 min
Delta R.T.: -0.004 min
Response: 2739572
Conc: 19.39 ug/ml

Instrument :
FID_E
ClientSampleId :



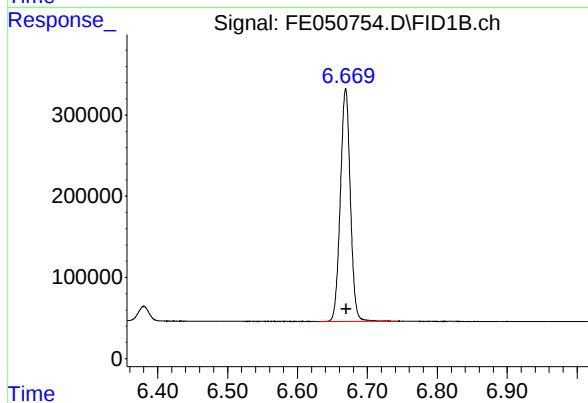
#2 n-Decane (C10)

R.T.: 4.501 min
Delta R.T.: -0.002 min
Response: 2823729
Conc: 19.68 ug/ml



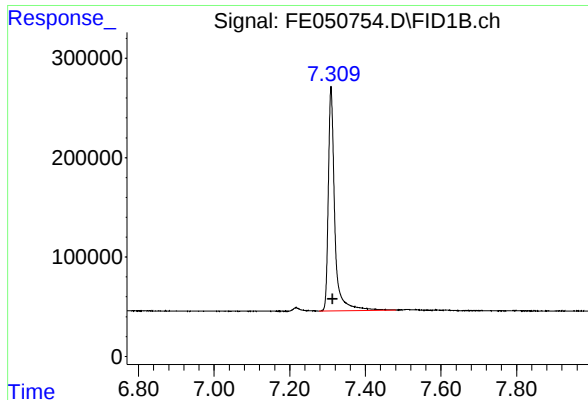
#3 A~Naphthalene (C11.7)

R.T.: 6.213 min
Delta R.T.: -0.004 min
Response: 2851324
Conc: 19.94 ug/ml



#4 n-Dodecane (C12)

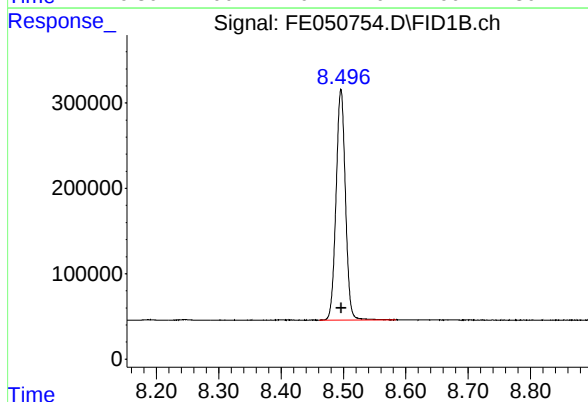
R.T.: 6.669 min
Delta R.T.: 0.000 min
Response: 2841855
Conc: 19.74 ug/ml



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

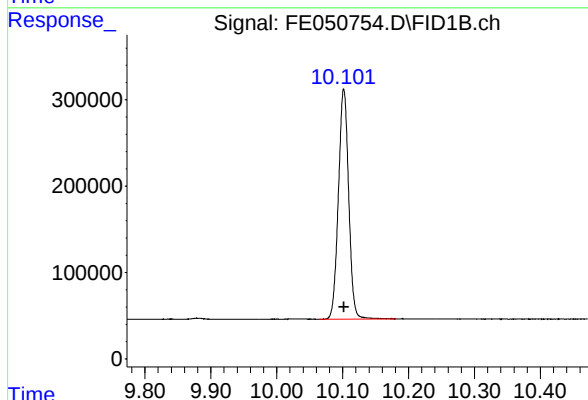
R.T.: 7.309 min
Delta R.T.: -0.003 min
Response: 2665107
Conc: 20.12 ug/ml

Instrument :
FID_E
ClientSampleId :



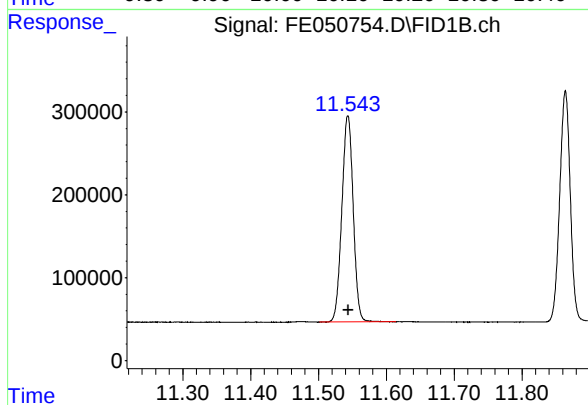
#6 n-Tetradecane (C14)

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 2816917
Conc: 19.69 ug/ml



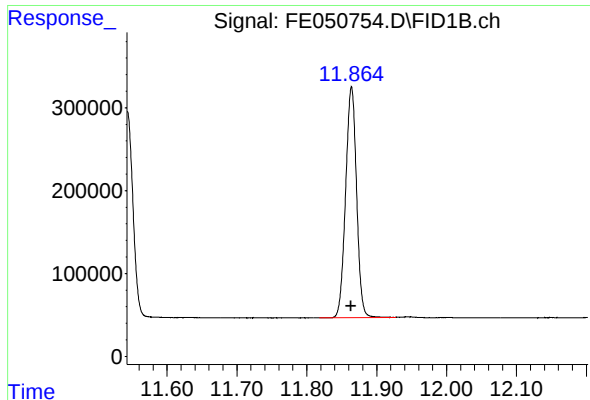
#7 n-Hexadecane (C16)

R.T.: 10.102 min
Delta R.T.: 0.000 min
Response: 2887098
Conc: 19.62 ug/ml



#8 n-Octadecane (C18)

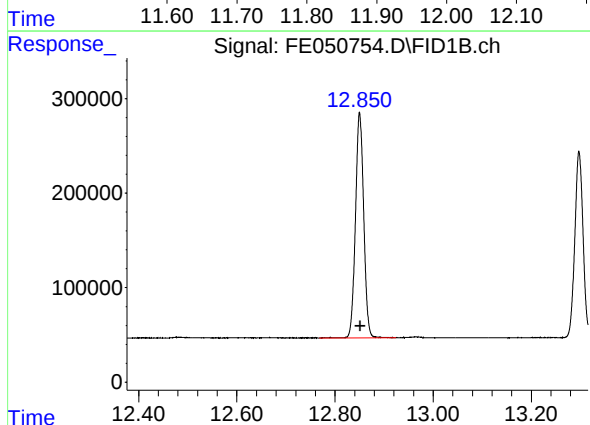
R.T.: 11.543 min
Delta R.T.: 0.000 min
Response: 2898431
Conc: 19.40 ug/ml



#9 ortho-Terphenyl (SURR)

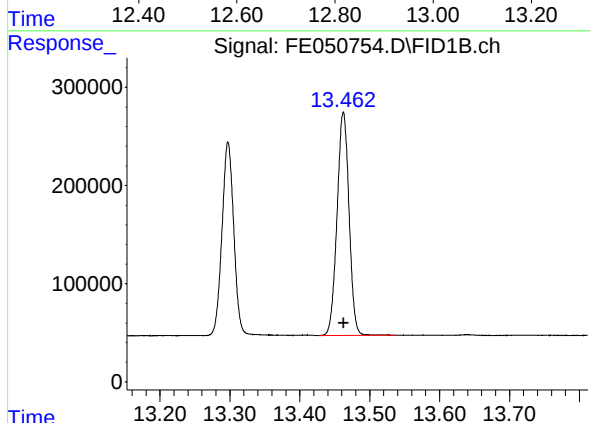
R.T.: 11.864 min
Delta R.T.: 0.000 min
Response: 3024536
Conc: 19.18 ug/ml

Instrument :
FID_E
ClientSampleId :



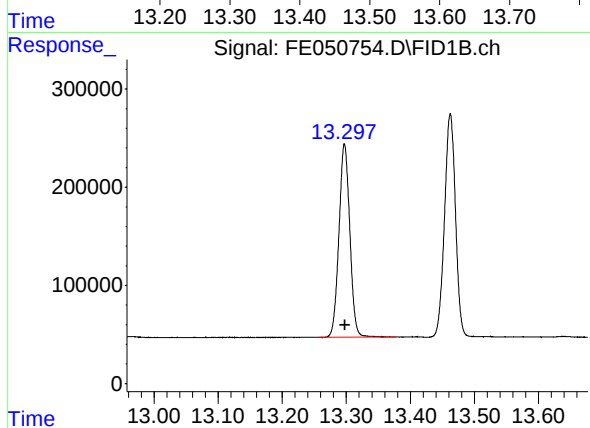
#10 n-Eicosane (C20)

R.T.: 12.850 min
Delta R.T.: -0.001 min
Response: 2773631
Conc: 19.34 ug/ml



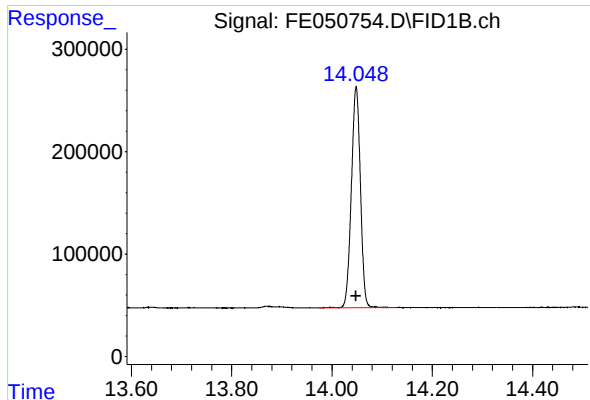
#11 n-Heneicosane (C21)

R.T.: 13.462 min
Delta R.T.: 0.000 min
Response: 2710163
Conc: 19.30 ug/ml



#12 1-chlorooctadecane (SURR)

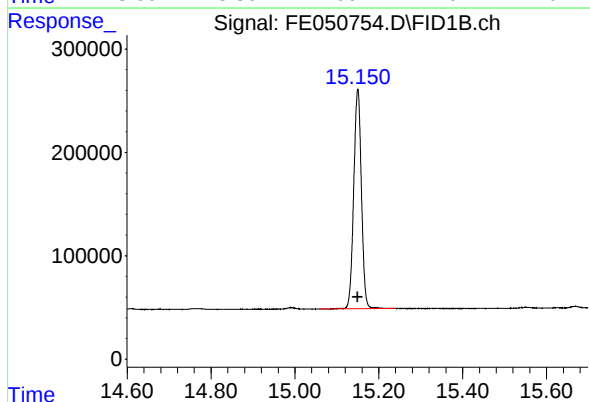
R.T.: 13.297 min
Delta R.T.: 0.000 min
Response: 2306966
Conc: 19.50 ug/ml



#13 n-Docosane (C22)

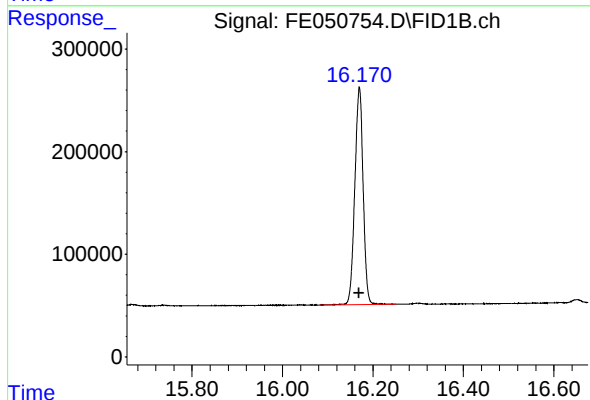
R.T.: 14.048 min
Delta R.T.: 0.000 min
Response: 2694502
Conc: 19.21 ug/ml

Instrument :
FID_E
ClientSampleId :



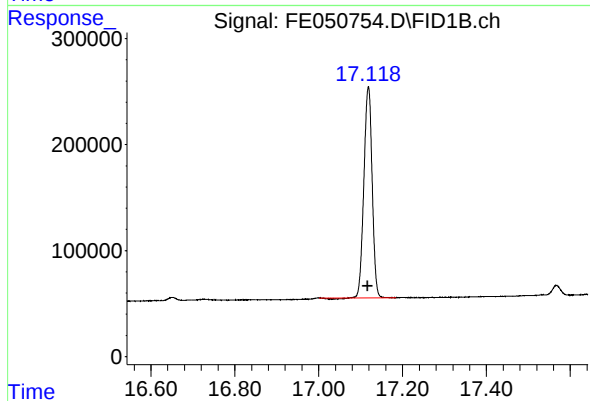
#14 n-Tetracosane (C24)

R.T.: 15.150 min
Delta R.T.: 0.000 min
Response: 2709347
Conc: 19.18 ug/ml



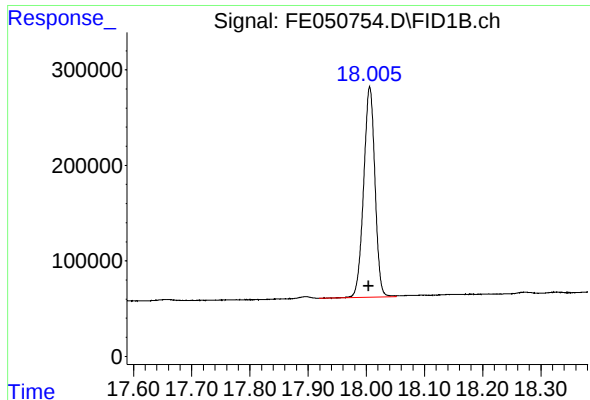
#15 n-Hexacosane (C26)

R.T.: 16.170 min
Delta R.T.: 0.000 min
Response: 2707252
Conc: 19.24 ug/ml



#16 n-Octacosane (C28)

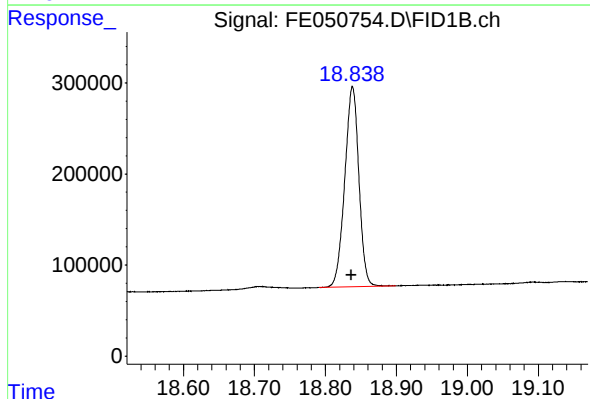
R.T.: 17.118 min
Delta R.T.: 0.001 min
Response: 2720330
Conc: 18.59 ug/ml



#17 n-Tricontane (C30)

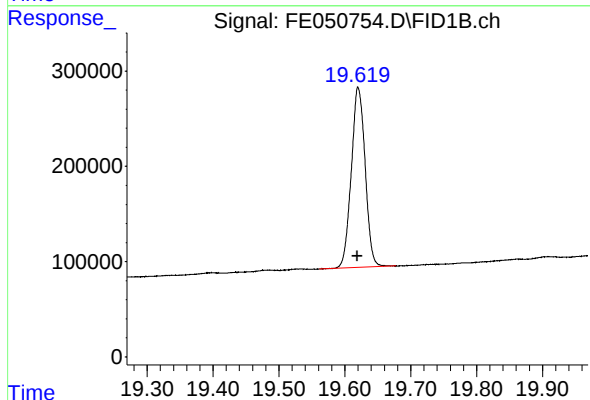
R.T.: 18.006 min
Delta R.T.: 0.002 min
Response: 2970879
Conc: 18.68 ug/ml

Instrument :
FID_E
ClientSampleId :



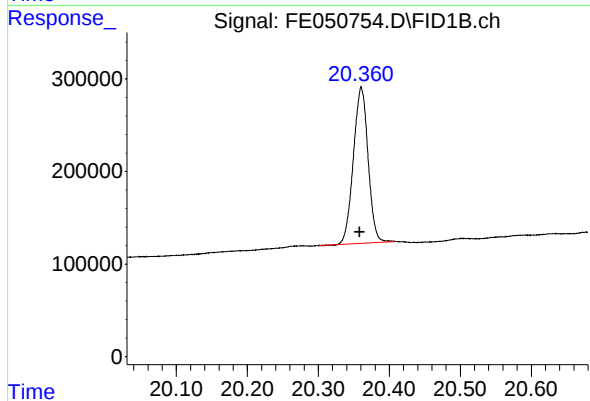
#18 n-Dotriacontane (C32)

R.T.: 18.838 min
Delta R.T.: 0.002 min
Response: 3039445
Conc: 18.75 ug/ml



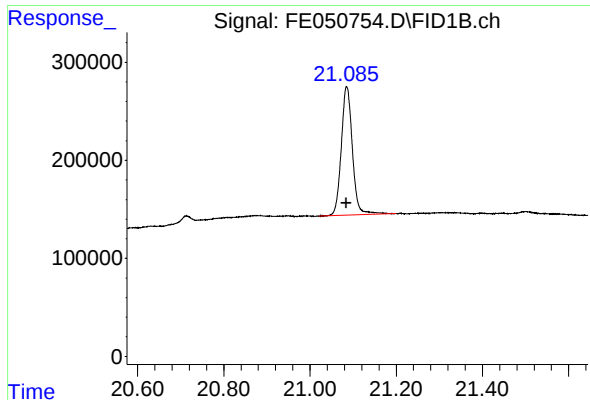
#19 n-Tetratriacontane (C34)

R.T.: 19.621 min
Delta R.T.: 0.002 min
Response: 2762184
Conc: 18.80 ug/ml



#20 n-Hexatriacontane (C36)

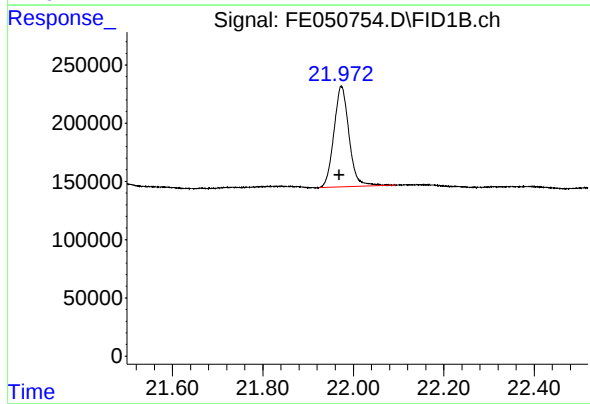
R.T.: 20.361 min
Delta R.T.: 0.002 min
Response: 2435920
Conc: 19.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.085 min
Delta R.T.: 0.001 min
Response: 2352959
Conc: 19.03 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.974 min
Delta R.T.: 0.004 min
Response: 2007715
Conc: 18.03 ug/ml