

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051123AL\
 Data File : FE041856.D
 Signal(s) : FID1B.ch
 Acq On : 11 May 2023 11:45
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 12 01:12:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 07:33:51 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)	11.965	3294234	17.559 ug/ml
Spiked Amount 50.000		Recovery =	35.12%
12) S 1-chlorooctadecane (S...	13.401	2544241	18.010 ug/ml
Spiked Amount 50.000		Recovery =	36.02%
Target Compounds			
1) T n-Nonane (C9)	3.347	2595137	17.655 ug/ml
2) T n-Decane (C10)	4.600	2773165	18.490 ug/ml
3) T A~Naphthalene (C11.7)	6.304	3208422	19.388 ug/ml
4) T n-Dodecane (C12)	6.767	2828859	18.606 ug/ml
5) T A~2-methylnaphthalene...	7.400	3084260	19.128 ug/ml
6) T n-Tetradecane (C14)	8.596	2867385	18.876 ug/ml
7) T n-Hexadecane (C16)	10.203	2982328	18.688 ug/ml
8) T n-Octadecane (C18)	11.647	3060161	18.669 ug/ml
10) T n-Eicosane (C20)	12.956	3003124	18.671 ug/ml
11) T n-Heneicosane (C21)	13.569	2982929	18.717 ug/ml
13) T n-Docosane (C22)	14.154	3009057	18.886 ug/ml
14) T n-Tetracosane (C24)	15.258	3065225	19.013 ug/ml
15) T n-Hexacosane (C26)	16.278	3043175	19.249 ug/ml
16) T n-Octacosane (C28)	17.228	3114974	20.244 ug/ml
17) T n-Tricontane (C30)	18.115	3331370	21.873 ug/ml
18) T n-Dotriacontane (C32)	18.947	3391068	22.762 ug/ml
19) T n-Tetratriacontane (C34)	19.731	3118504	22.136 ug/ml
20) T n-Hexatriacontane (C36)	20.472	2810104	21.013 ug/ml
21) T n-Octatriacontane (C38)	21.223	2648282	20.042 ug/ml
22) T n-Tetracontane (C40)	22.157	2628249	20.758 ug/ml

(f)=RT Delta > 1/2 Window

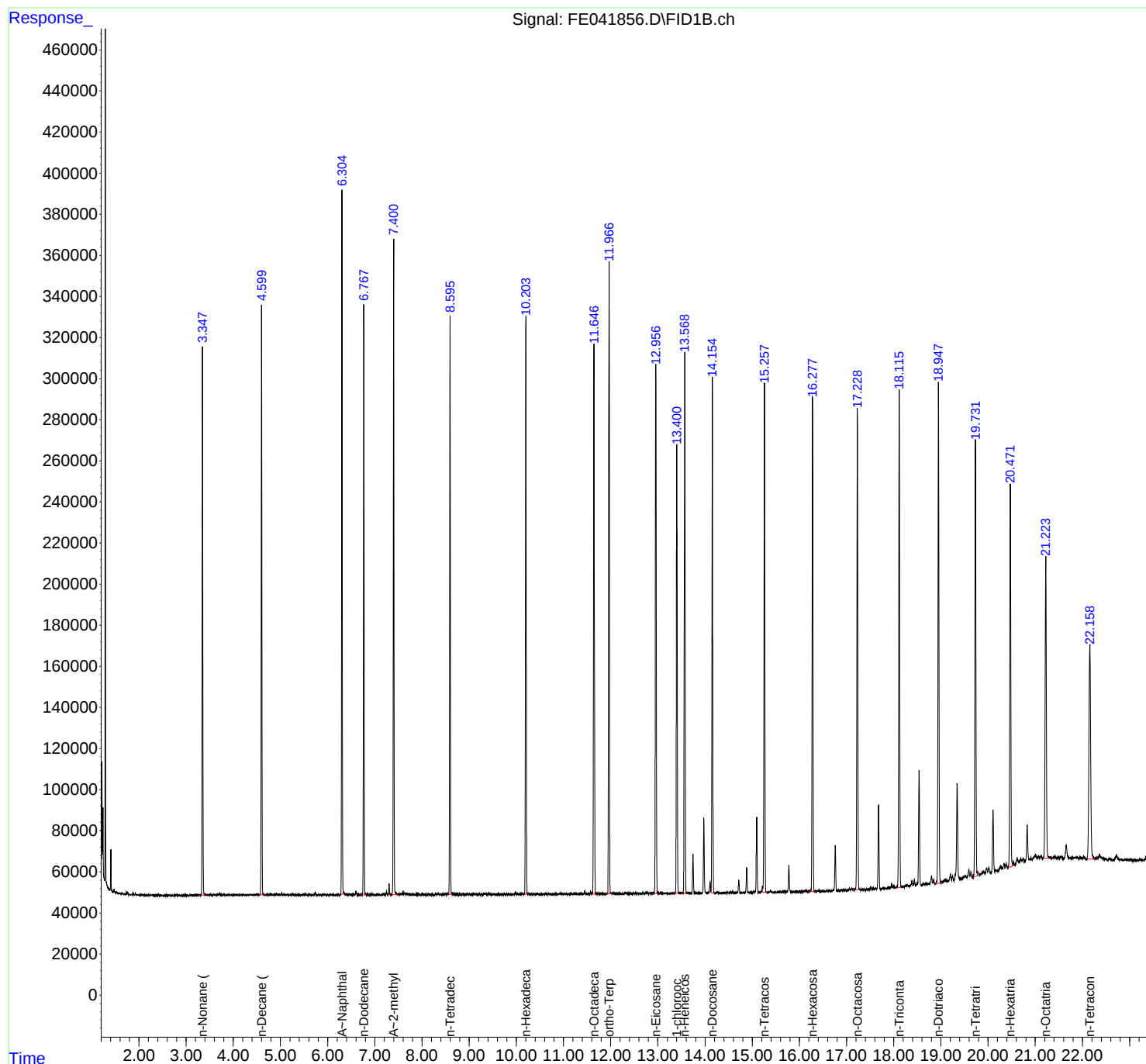
(m)=manual int.

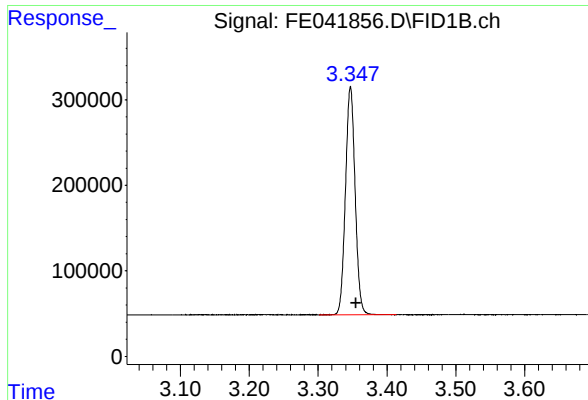
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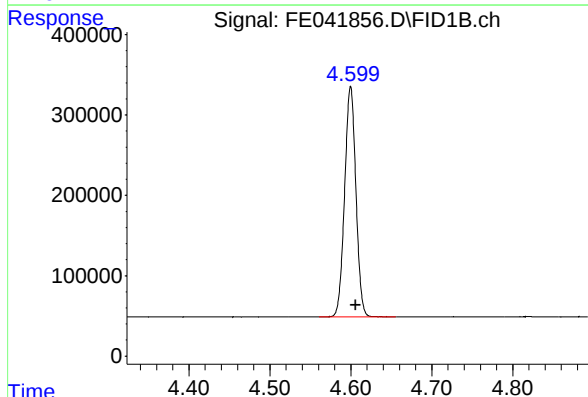




#1 n-Nonane (C9)

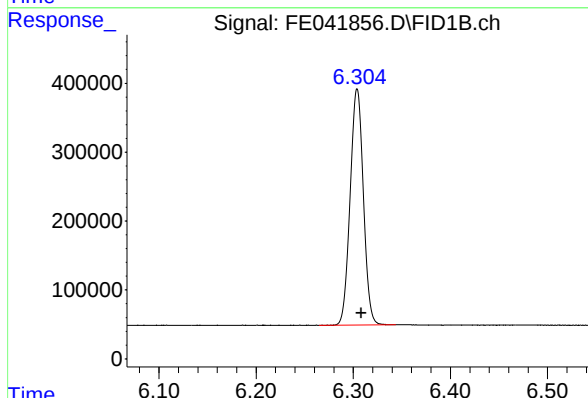
R.T.: 3.347 min
Delta R.T.: -0.008 min
Response: 2595137
Conc: 17.65 ug/ml

Instrument :
FID_E
ClientSampleId :



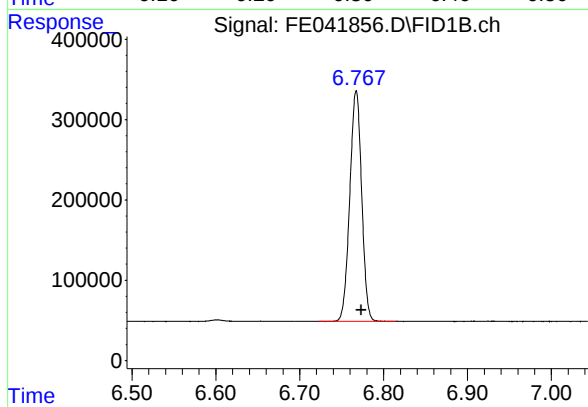
#2 n-Decane (C10)

R.T.: 4.600 min
Delta R.T.: -0.006 min
Response: 2773165
Conc: 18.49 ug/ml



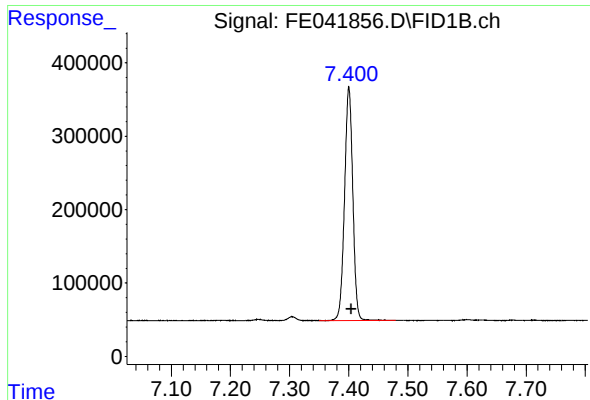
#3 A~Naphthalene (C11.7)

R.T.: 6.304 min
Delta R.T.: -0.004 min
Response: 3208422
Conc: 19.39 ug/ml



#4 n-Dodecane (C12)

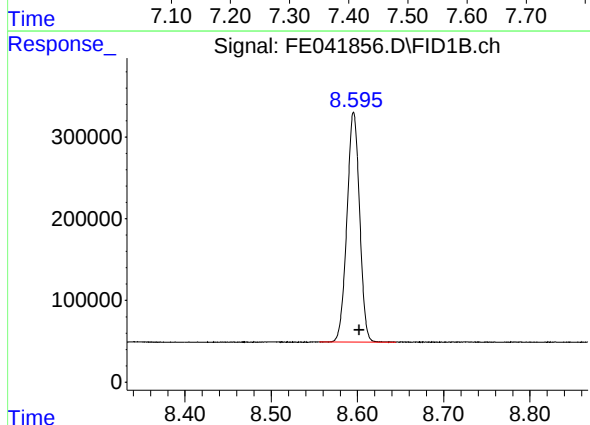
R.T.: 6.767 min
Delta R.T.: -0.006 min
Response: 2828859
Conc: 18.61 ug/ml



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

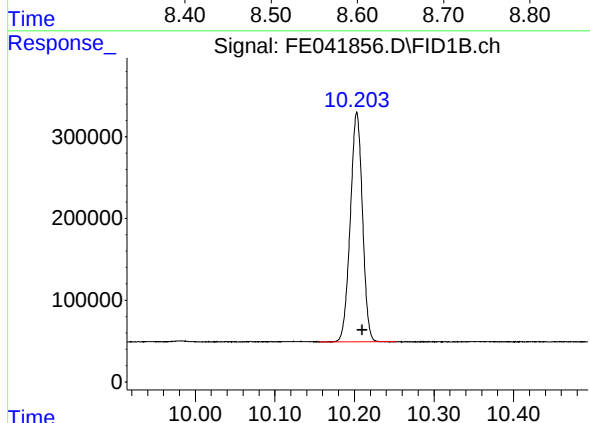
R.T.: 7.400 min
Delta R.T.: -0.004 min
Response: 3084260
Conc: 19.13 ug/ml

Instrument :
FID_E
ClientSampleId :



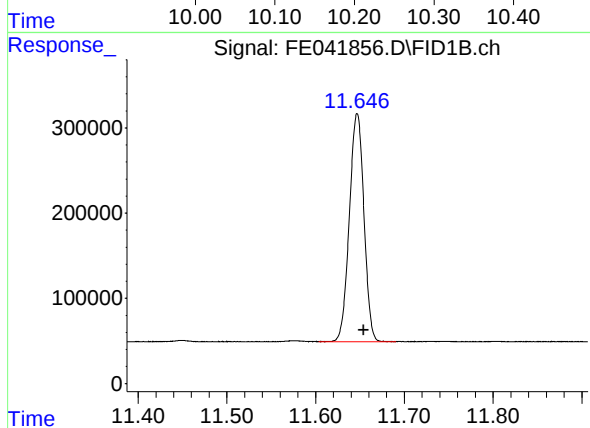
#6 n-Tetradecane (C14)

R.T.: 8.596 min
Delta R.T.: -0.007 min
Response: 2867385
Conc: 18.88 ug/ml



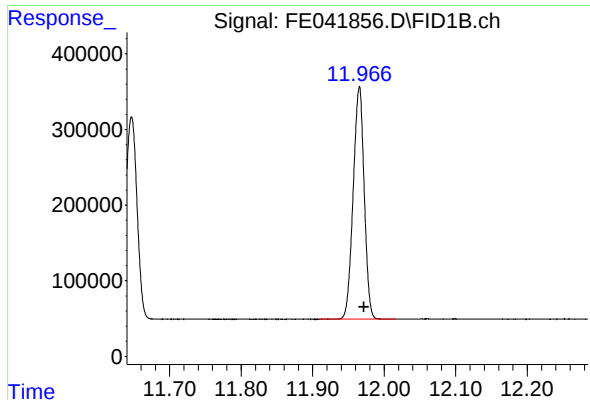
#7 n-Hexadecane (C16)

R.T.: 10.203 min
Delta R.T.: -0.007 min
Response: 2982328
Conc: 18.69 ug/ml



#8 n-Octadecane (C18)

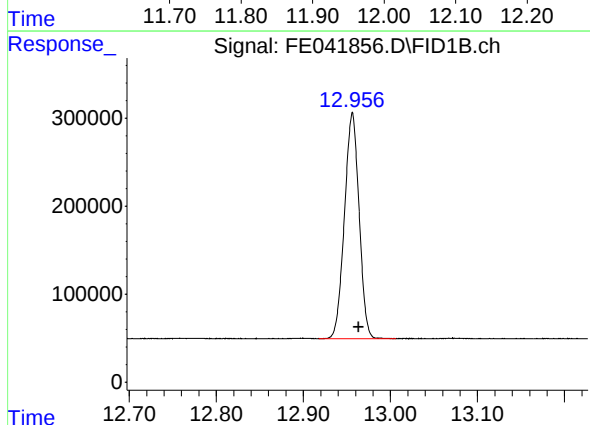
R.T.: 11.647 min
Delta R.T.: -0.007 min
Response: 3060161
Conc: 18.67 ug/ml



#9 ortho-Terphenyl (SURR)

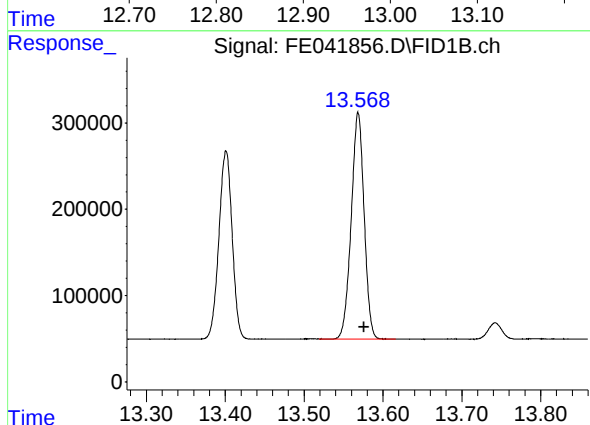
R.T.: 11.965 min
Delta R.T.: -0.006 min
Response: 3294234
Conc: 17.56 ug/ml

Instrument :
FID_E
ClientSampleId :



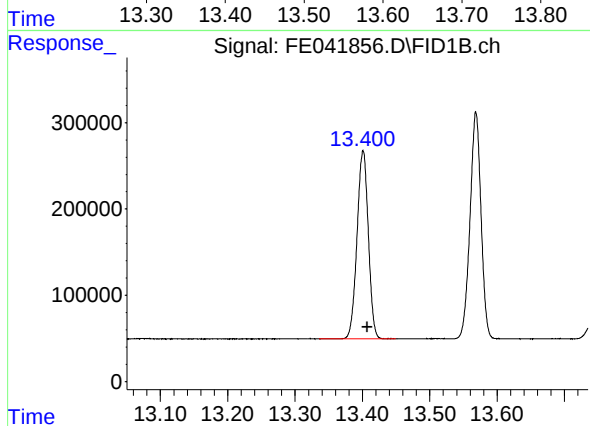
#10 n-Eicosane (C20)

R.T.: 12.956 min
Delta R.T.: -0.007 min
Response: 3003124
Conc: 18.67 ug/ml



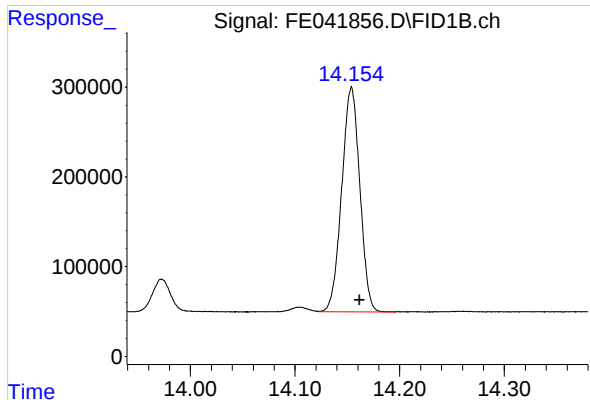
#11 n-Heneicosane (C21)

R.T.: 13.569 min
Delta R.T.: -0.007 min
Response: 2982929
Conc: 18.72 ug/ml



#12 1-chlorooctadecane (SURR)

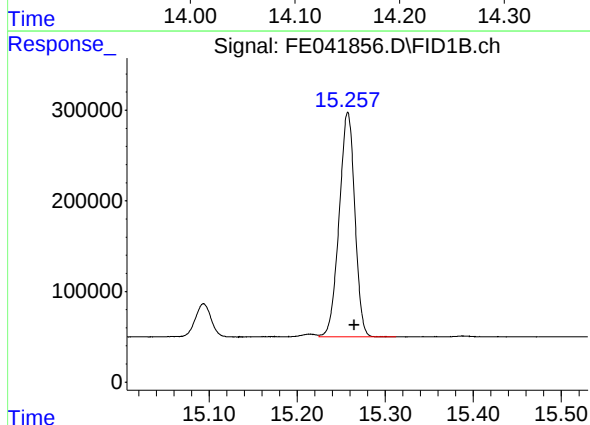
R.T.: 13.401 min
Delta R.T.: -0.006 min
Response: 2544241
Conc: 18.01 ug/ml



#13 n-Docosane (C22)

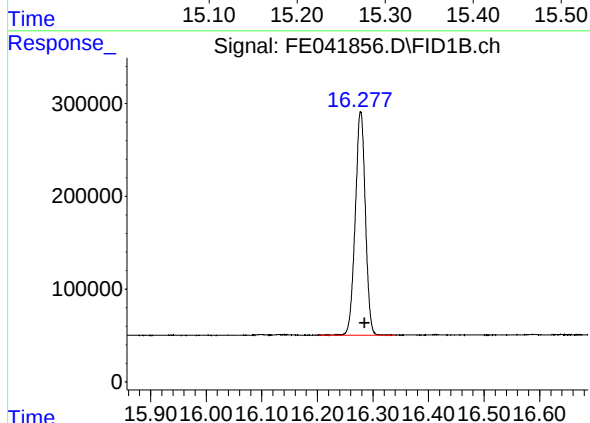
R.T.: 14.154 min
Delta R.T.: -0.008 min
Response: 3009057
Conc: 18.89 ug/ml

Instrument :
FID_E
ClientSampleId :



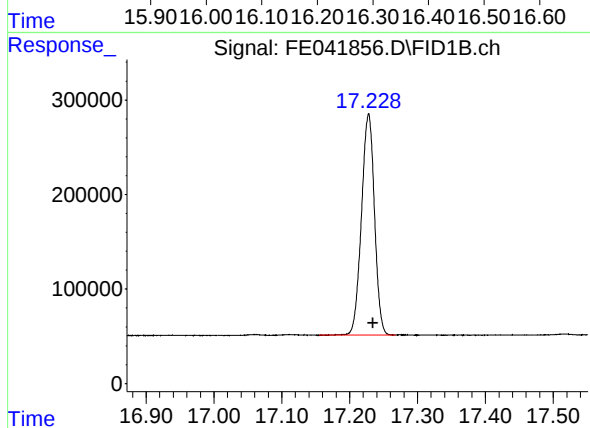
#14 n-Tetracosane (C24)

R.T.: 15.258 min
Delta R.T.: -0.007 min
Response: 3065225
Conc: 19.01 ug/ml



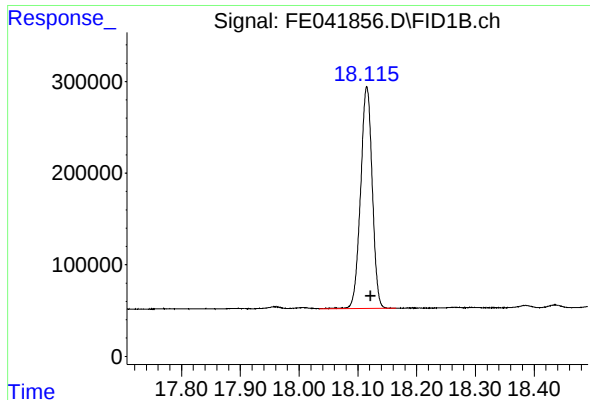
#15 n-Hexacosane (C26)

R.T.: 16.278 min
Delta R.T.: -0.007 min
Response: 3043175
Conc: 19.25 ug/ml



#16 n-Octacosane (C28)

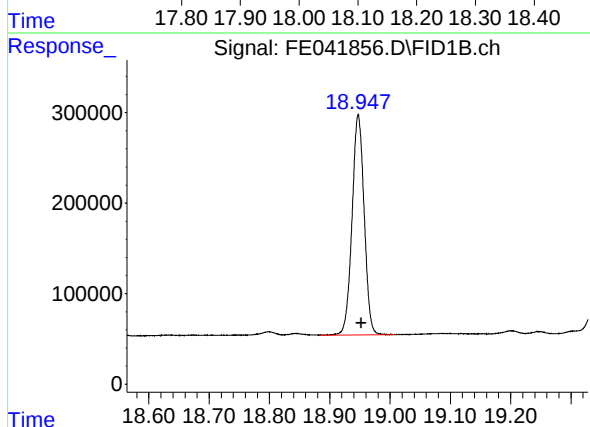
R.T.: 17.228 min
Delta R.T.: -0.006 min
Response: 3114974
Conc: 20.24 ug/ml



#17 n-Tricontane (C30)

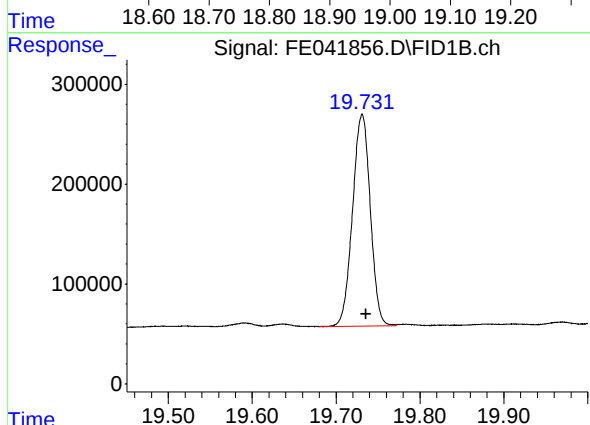
R.T.: 18.115 min
Delta R.T.: -0.006 min
Response: 3331370
Conc: 21.87 ug/ml

Instrument :
FID_E
ClientSampleId :



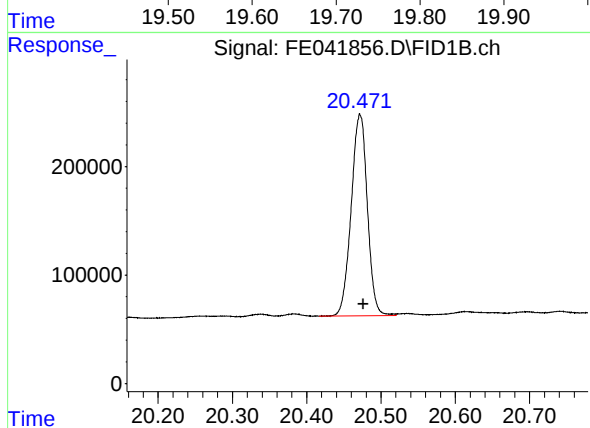
#18 n-Dotriacontane (C32)

R.T.: 18.947 min
Delta R.T.: -0.005 min
Response: 3391068
Conc: 22.76 ug/ml



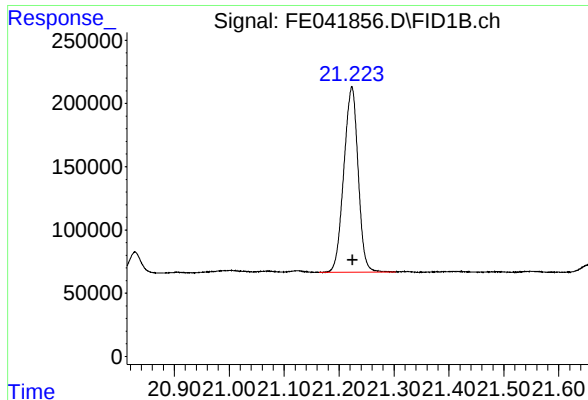
#19 n-Tetratriacontane (C34)

R.T.: 19.731 min
Delta R.T.: -0.005 min
Response: 3118504
Conc: 22.14 ug/ml



#20 n-Hexatriacontane (C36)

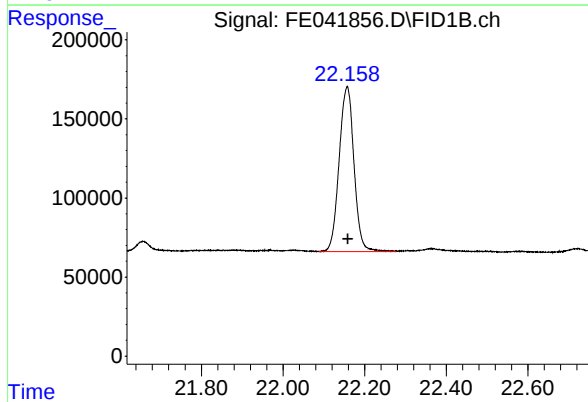
R.T.: 20.472 min
Delta R.T.: -0.004 min
Response: 2810104
Conc: 21.01 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.223 min
Delta R.T.: -0.001 min
Response: 2648282
Conc: 20.04 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.157 min
Delta R.T.: -0.001 min
Response: 2628249
Conc: 20.76 ug/ml