

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092524AL\
 Data File : FE050368.D
 Signal(s) : FID1B.ch
 Acq On : 26 Sep 2024 02:03
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 26 05:14:31 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 09 17:11:47 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)	11.866	2537483	17.055 ug/ml
Spiked Amount 50.000		Recovery =	34.11%
12) S 1-chlorooctadecane (S...	13.301	1945943	17.324 ug/ml
Spiked Amount 50.000		Recovery =	34.65%
Target Compounds			
1) T n-Nonane (C9)	3.256	2289391	16.890 ug/ml
2) T n-Decane (C10)	4.506	2376158	17.217 ug/ml
3) T A~Naphthalene (C11.7)	6.217	2414716	17.252 ug/ml
4) T n-Dodecane (C12)	6.674	2365238	17.104 ug/ml
5) T A~2-methylnaphthalene...	7.312	2260548	17.199 ug/ml
6) T n-Tetradecane (C14)	8.501	2375863	17.448 ug/ml
7) T n-Hexadecane (C16)	10.106	2467983	17.768 ug/ml
8) T n-Octadecane (C18)	11.548	2489816	17.771 ug/ml
10) T n-Eicosane (C20)	12.855	2302886	17.167 ug/ml
11) T n-Heneicosane (C21)	13.467	2345804	17.853 ug/ml
13) T n-Docosane (C22)	14.052	2332022	17.909 ug/ml
14) T n-Tetracosane (C24)	15.153	2355829	18.040 ug/ml
15) T n-Hexacosane (C26)	16.173	2325068	18.173 ug/ml
16) T n-Octacosane (C28)	17.121	2418392	18.775 ug/ml
17) T n-Tricontane (C30)	18.008	2668951	19.959 ug/ml
18) T n-Dotriacontane (C32)	18.840	2744803	20.598 ug/ml
19) T n-Tetratriacontane (C34)	19.621	2719358	22.008 ug/ml
20) T n-Hexatriacontane (C36)	20.361	2695928	24.299 ug/ml
21) T n-Octatriacontane (C38)	21.086	2487923	22.560 ug/ml
22) T n-Tetracontane (C40)	21.975	2204043	20.255 ug/ml

(f)=RT Delta > 1/2 Window

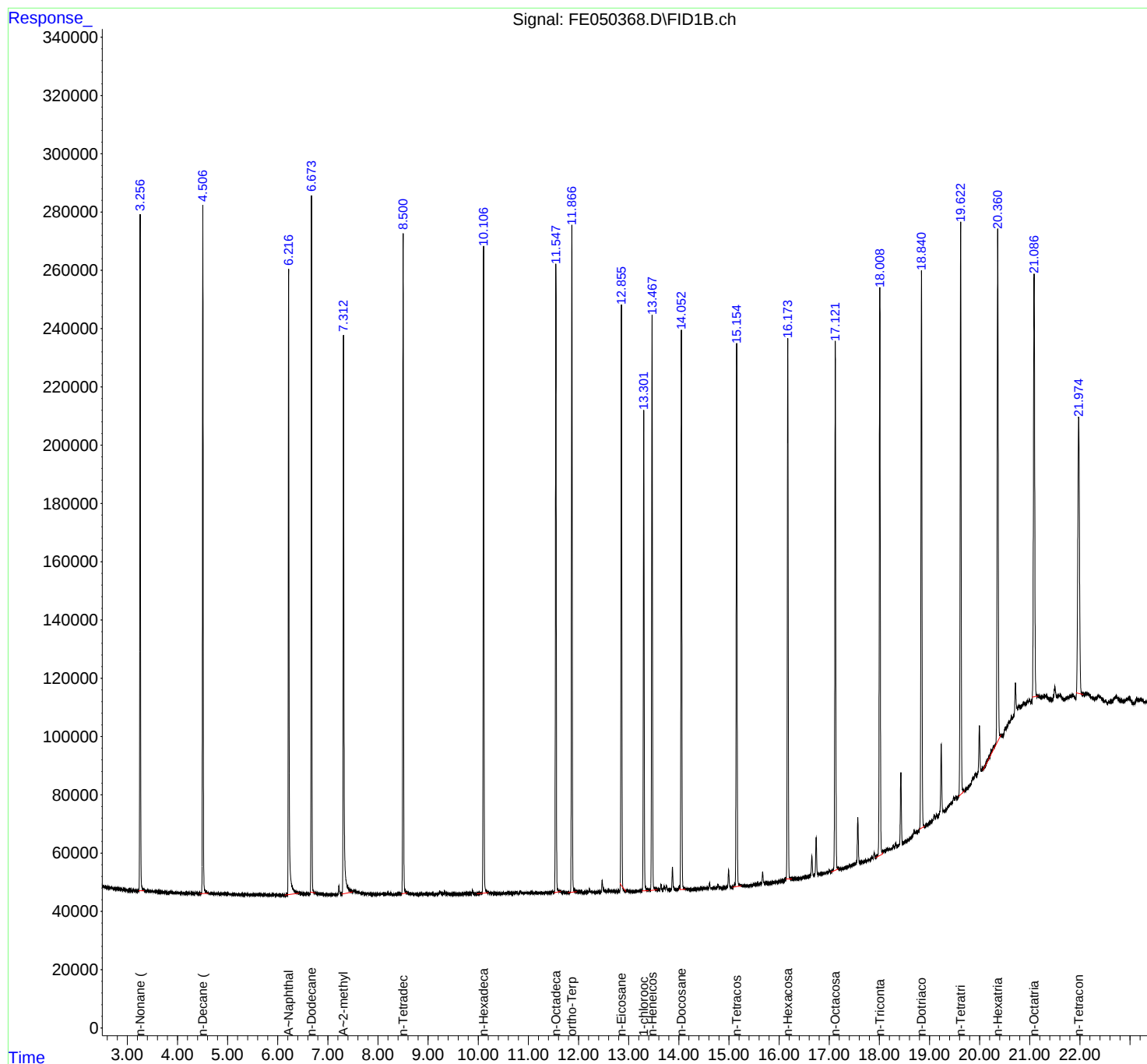
(m)=manual int.

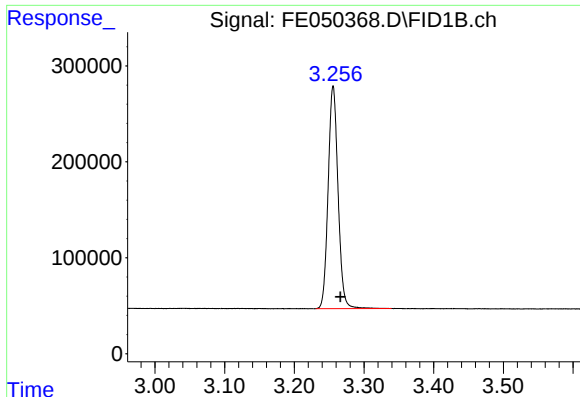
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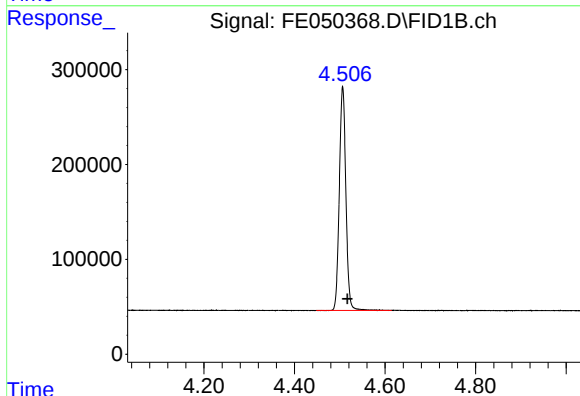




#1 n-Nonane (C9)

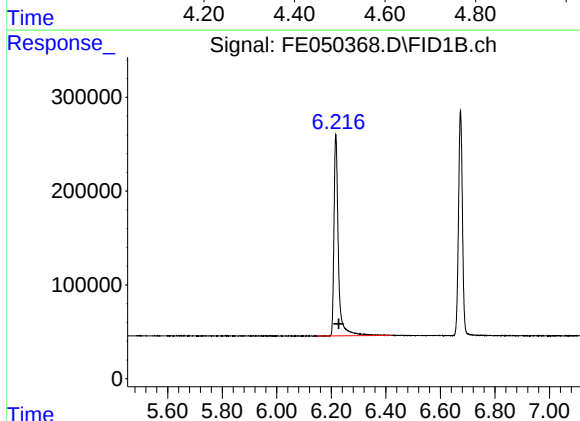
R.T.: 3.256 min
Delta R.T.: -0.010 min
Response: 2289391
Conc: 16.89 ug/ml

Instrument :
FID_E
ClientSampleId :



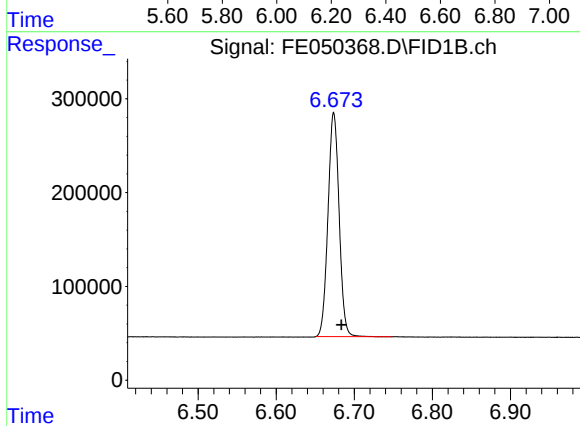
#2 n-Decane (C10)

R.T.: 4.506 min
Delta R.T.: -0.010 min
Response: 2376158
Conc: 17.22 ug/ml



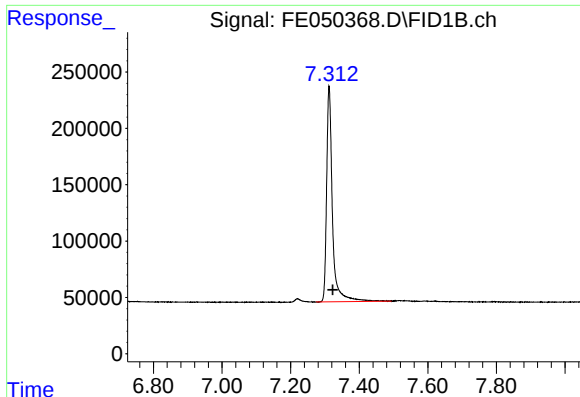
#3 A~Naphthalene (C11.7)

R.T.: 6.217 min
Delta R.T.: -0.010 min
Response: 2414716
Conc: 17.25 ug/ml



#4 n-Dodecane (C12)

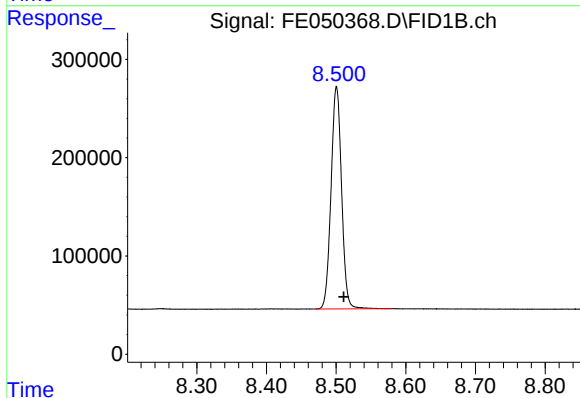
R.T.: 6.674 min
Delta R.T.: -0.010 min
Response: 2365238
Conc: 17.10 ug/ml



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

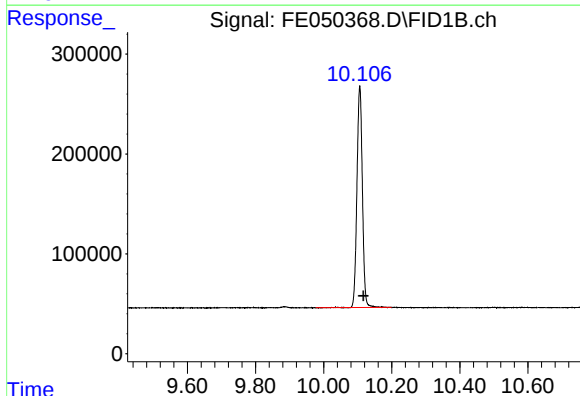
R.T.: 7.312 min
Delta R.T.: -0.011 min
Response: 2260548
Conc: 17.20 ug/ml

Instrument :
FID_E
ClientSampleId :



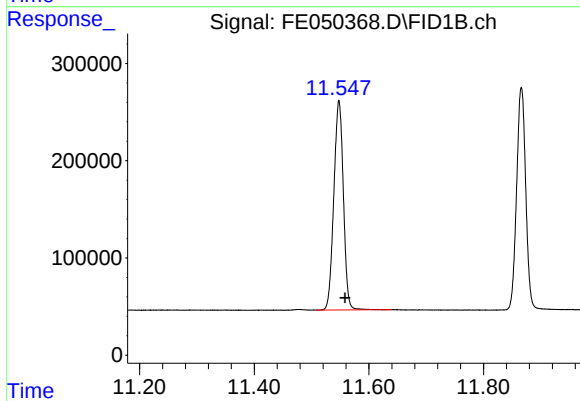
#6 n-Tetradecane (C14)

R.T.: 8.501 min
Delta R.T.: -0.010 min
Response: 2375863
Conc: 17.45 ug/ml



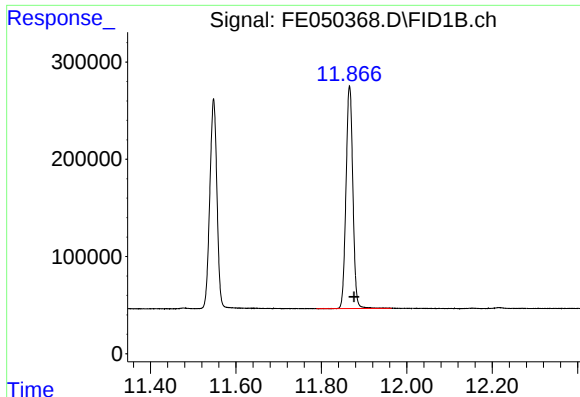
#7 n-Hexadecane (C16)

R.T.: 10.106 min
Delta R.T.: -0.011 min
Response: 2467983
Conc: 17.77 ug/ml



#8 n-Octadecane (C18)

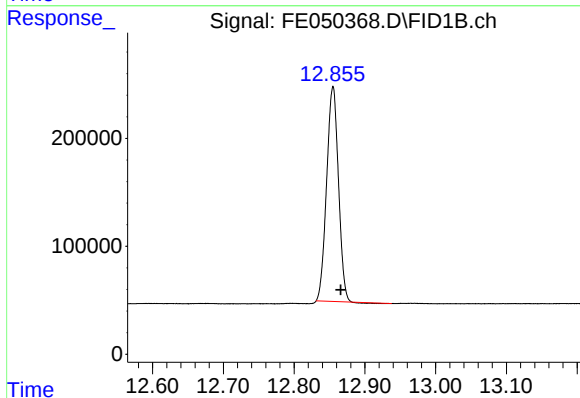
R.T.: 11.548 min
Delta R.T.: -0.011 min
Response: 2489816
Conc: 17.77 ug/ml



#9 ortho-Terphenyl (SURR)

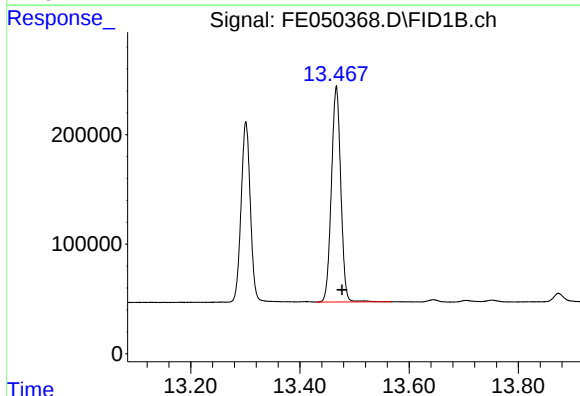
R.T.: 11.866 min
Delta R.T.: -0.010 min
Response: 2537483
Conc: 17.06 ug/ml

Instrument :
FID_E
ClientSampleId :



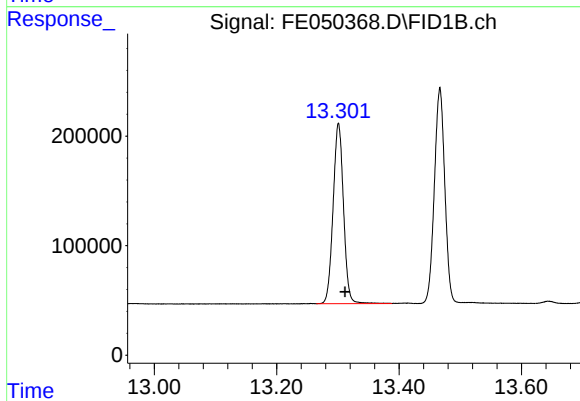
#10 n-Eicosane (C20)

R.T.: 12.855 min
Delta R.T.: -0.011 min
Response: 2302886
Conc: 17.17 ug/ml



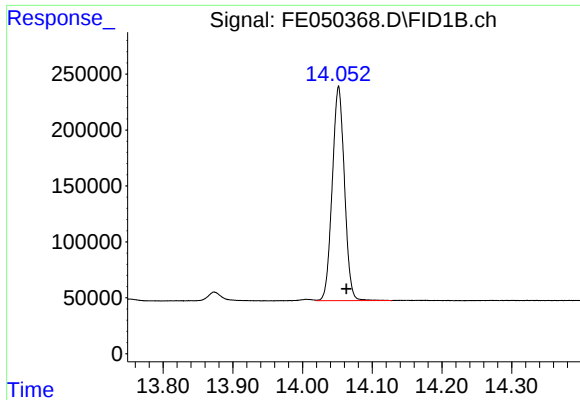
#11 n-Heneicosane (C21)

R.T.: 13.467 min
Delta R.T.: -0.011 min
Response: 2345804
Conc: 17.85 ug/ml



#12 1-chlorooctadecane (SURR)

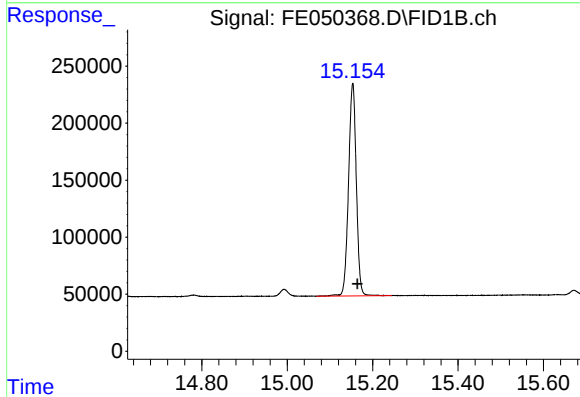
R.T.: 13.301 min
Delta R.T.: -0.010 min
Response: 1945943
Conc: 17.32 ug/ml



#13 n-Docosane (C22)

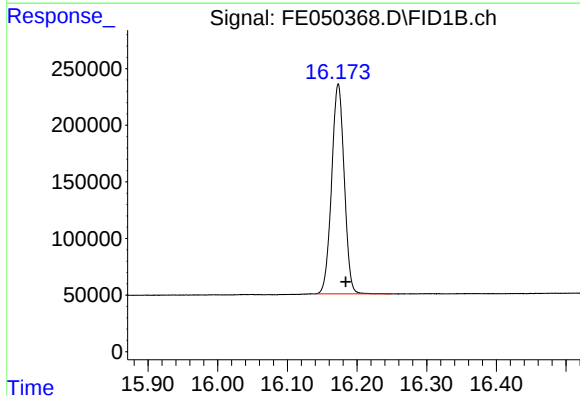
R.T.: 14.052 min
Delta R.T.: -0.011 min
Response: 2332022
Conc: 17.91 ug/ml

Instrument :
FID_E
ClientSampleId :



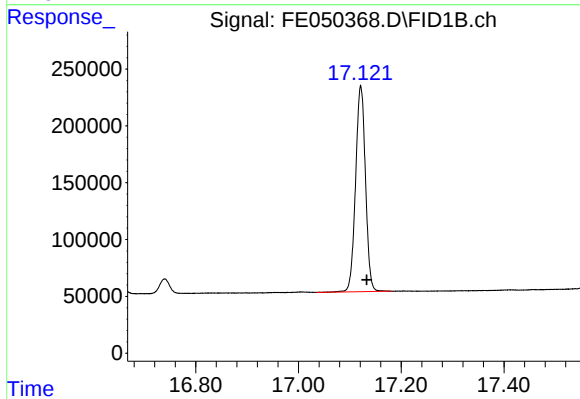
#14 n-Tetracosane (C24)

R.T.: 15.153 min
Delta R.T.: -0.011 min
Response: 2355829
Conc: 18.04 ug/ml



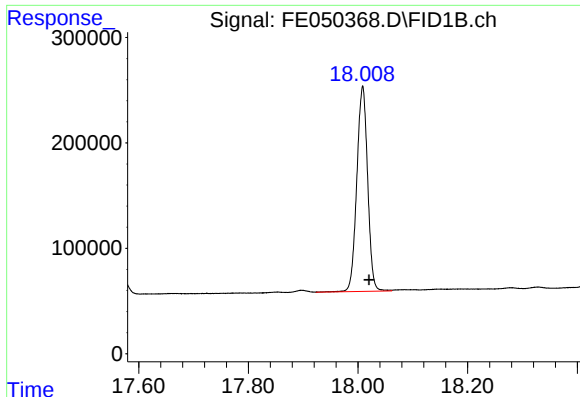
#15 n-Hexacosane (C26)

R.T.: 16.173 min
Delta R.T.: -0.011 min
Response: 2325068
Conc: 18.17 ug/ml



#16 n-Octacosane (C28)

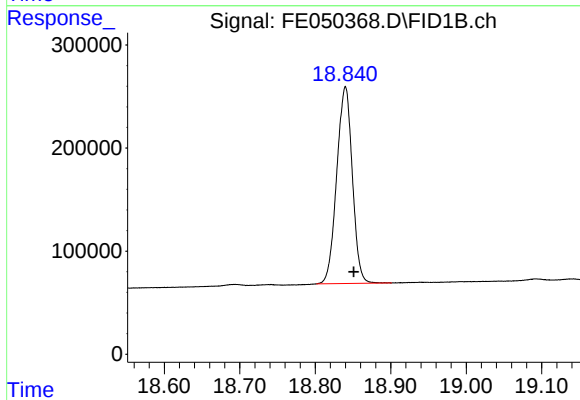
R.T.: 17.121 min
Delta R.T.: -0.012 min
Response: 2418392
Conc: 18.78 ug/ml



#17 n-Tricontane (C30)

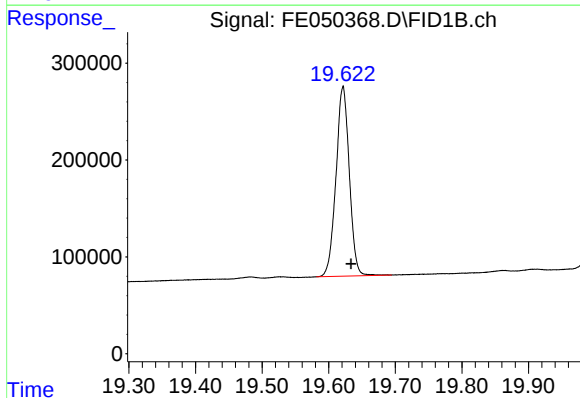
R.T.: 18.008 min
Delta R.T.: -0.012 min
Response: 2668951
Conc: 19.96 ug/ml

Instrument :
FID_E
ClientSampleId :



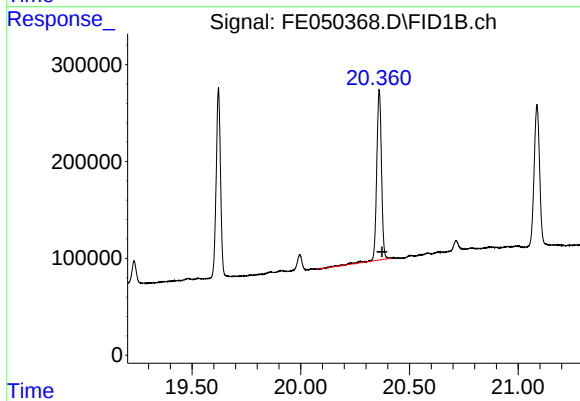
#18 n-Dotriacontane (C32)

R.T.: 18.840 min
Delta R.T.: -0.011 min
Response: 2744803
Conc: 20.60 ug/ml



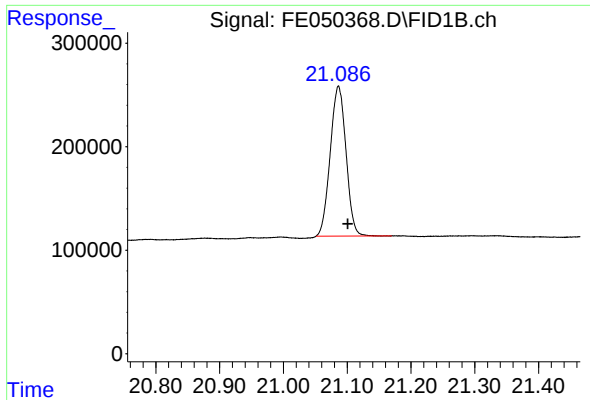
#19 n-Tetratriacontane (C34)

R.T.: 19.621 min
Delta R.T.: -0.012 min
Response: 2719358
Conc: 22.01 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.361 min
Delta R.T.: -0.013 min
Response: 2695928
Conc: 24.30 ug/ml



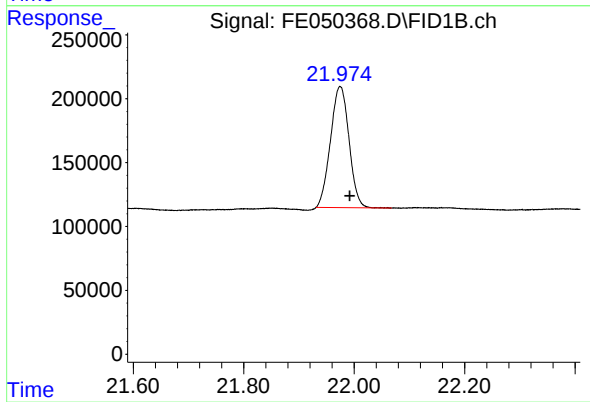
#21 n-Octatriacontane (C38)

R.T.: 21.086 min
Delta R.T.: -0.015 min
Response: 2487923
Conc: 22.56 ug/ml

Instrument :

FID_E

ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.975 min
Delta R.T.: -0.018 min
Response: 2204043
Conc: 20.26 ug/ml