

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101024AL\
 Data File : FE050566.D
 Signal(s) : FID1B.ch
 Acq On : 09 Oct 2024 13:04
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 09 23:33:19 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)	11.861	3189989	20.234 ug/ml
Spiked Amount 50.000		Recovery =	40.47%
12) S 1-chlorooctadecane (S...	13.296	2393861	20.237 ug/ml
Spiked Amount 50.000		Recovery =	40.47%
Target Compounds			
1) T n-Nonane (C9)	3.252	2818897	19.951 ug/ml
2) T n-Decane (C10)	4.501	2894404	20.174 ug/ml
3) T A~Naphthalene (C11.7)	6.212	2881971	20.155 ug/ml
4) T n-Dodecane (C12)	6.668	2904697	20.181 ug/ml
5) T A~2-methylnaphthalene...	7.307	2724079	20.562 ug/ml
6) T n-Tetradecane (C14)	8.494	2881005	20.137 ug/ml
7) T n-Hexadecane (C16)	10.101	2982321	20.265 ug/ml
8) T n-Octadecane (C18)	11.542	3009955	20.151 ug/ml
10) T n-Eicosane (C20)	12.850	2889637	20.151 ug/ml
11) T n-Heneicosane (C21)	13.461	2827805	20.136 ug/ml
13) T n-Docosane (C22)	14.046	2814987	20.065 ug/ml
14) T n-Tetracosane (C24)	15.147	2806417	19.865 ug/ml
15) T n-Hexacosane (C26)	16.166	2817472	20.022 ug/ml
16) T n-Octacosane (C28)	17.114	2900793	19.824 ug/ml
17) T n-Tricontane (C30)	18.002	3156800	19.854 ug/ml
18) T n-Dotriacontane (C32)	18.834	3210685	19.805 ug/ml
19) T n-Tetratriacontane (C34)	19.616	2929781	19.945 ug/ml
20) T n-Hexatriacontane (C36)	20.356	2549304	20.103 ug/ml
21) T n-Octatriacontane (C38)	21.078	2359979	19.086 ug/ml
22) T n-Tetracontane (C40)	21.964	2160688	19.404 ug/ml

(f)=RT Delta > 1/2 Window

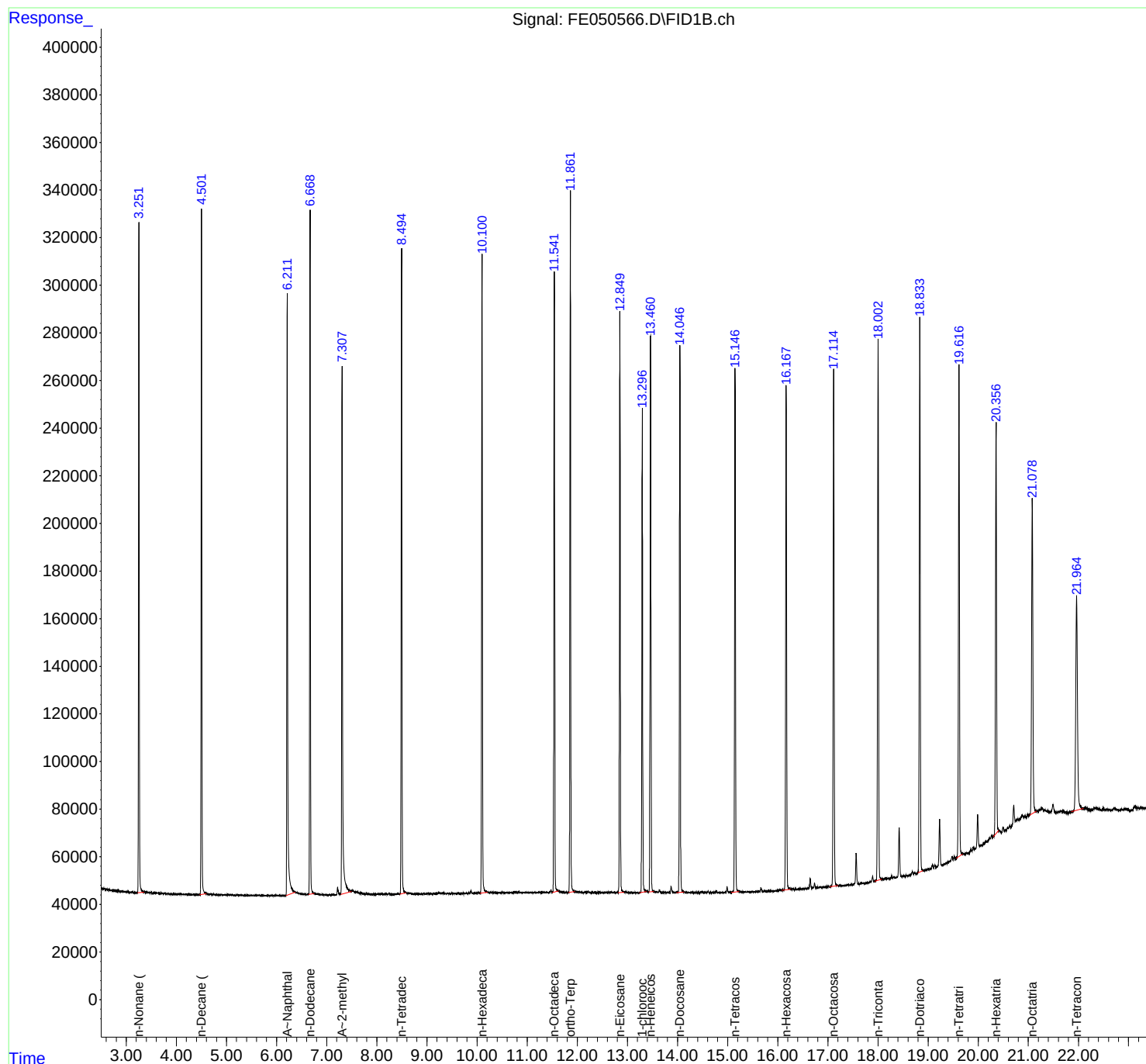
(m)=manual int.

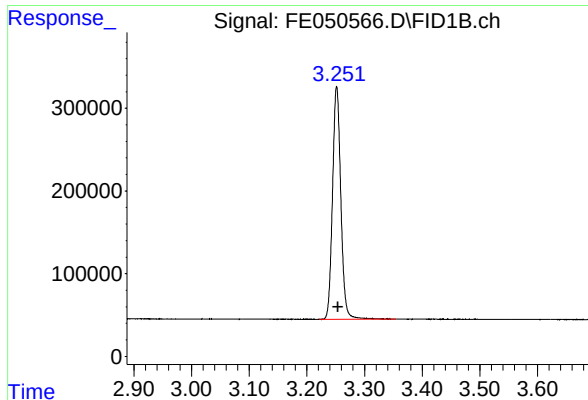
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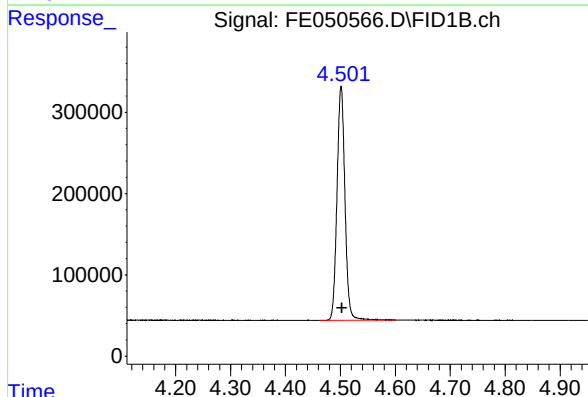




#1 n-Nonane (C9)

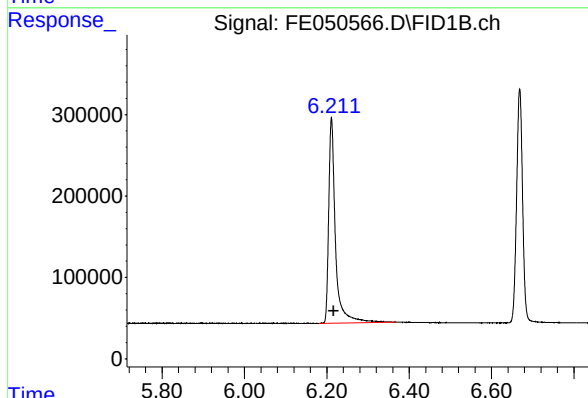
R.T.: 3.252 min
Delta R.T.: -0.002 min
Response: 2818897
Conc: 19.95 ug/ml

Instrument :
FID_E
ClientSampleId :



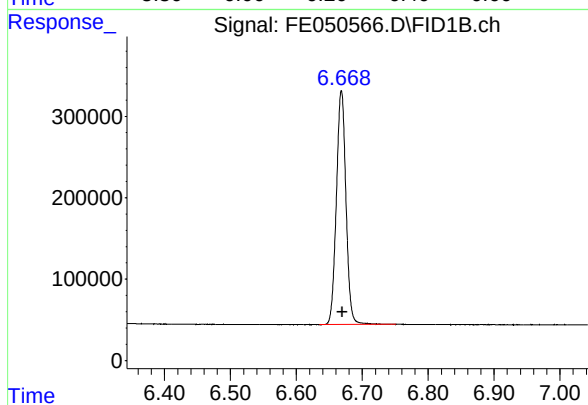
#2 n-Decane (C10)

R.T.: 4.501 min
Delta R.T.: -0.002 min
Response: 2894404
Conc: 20.17 ug/ml



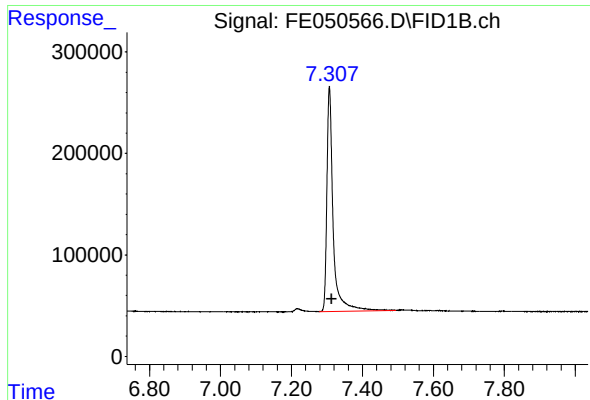
#3 A~Naphthalene (C11.7)

R.T.: 6.212 min
Delta R.T.: -0.005 min
Response: 2881971
Conc: 20.15 ug/ml



#4 n-Dodecane (C12)

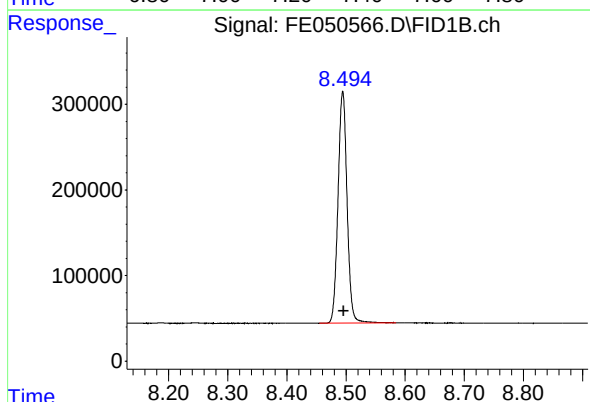
R.T.: 6.668 min
Delta R.T.: -0.001 min
Response: 2904697
Conc: 20.18 ug/ml



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

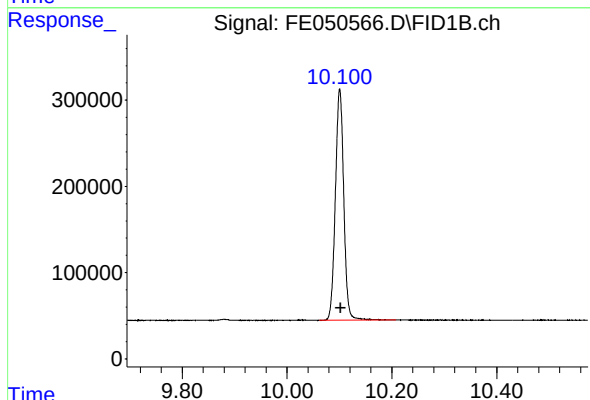
R.T.: 7.307 min
Delta R.T.: -0.006 min
Response: 2724079
Conc: 20.56 ug/ml

Instrument :
FID_E
ClientSampleId :



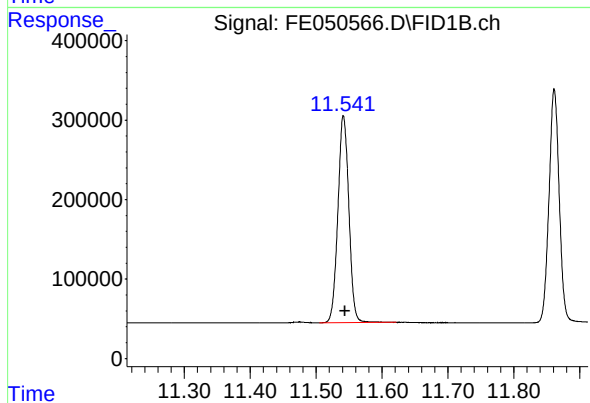
#6 n-Tetradecane (C14)

R.T.: 8.494 min
Delta R.T.: -0.002 min
Response: 2881005
Conc: 20.14 ug/ml



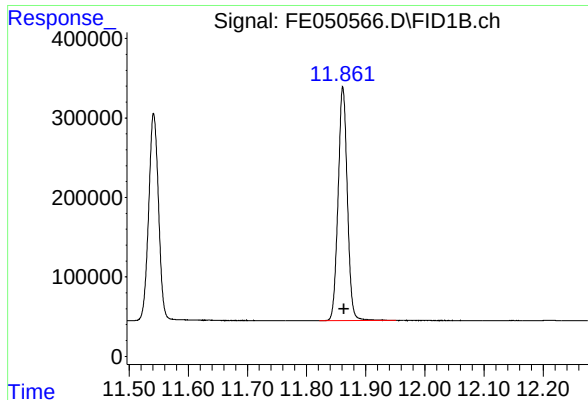
#7 n-Hexadecane (C16)

R.T.: 10.101 min
Delta R.T.: -0.002 min
Response: 2982321
Conc: 20.26 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.542 min
Delta R.T.: -0.002 min
Response: 3009955
Conc: 20.15 ug/ml



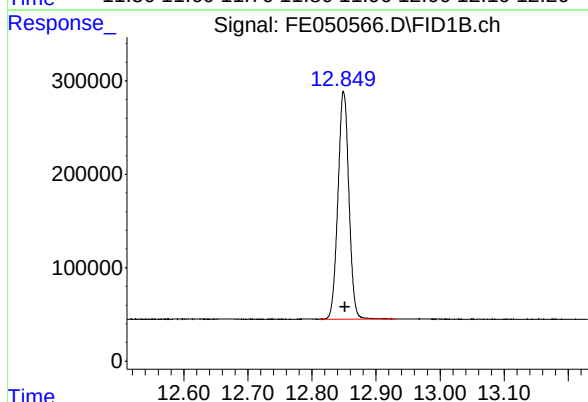
#9 ortho-Terphenyl (SURR)

R.T.: 11.861 min
Delta R.T.: -0.002 min
Response: 3189989
Conc: 20.23 ug/ml

Instrument :

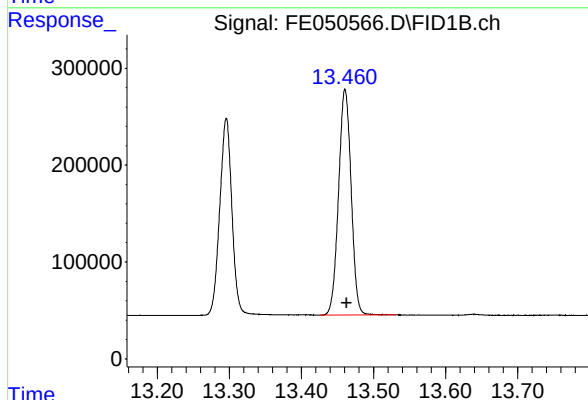
FID_E

ClientSampleId :



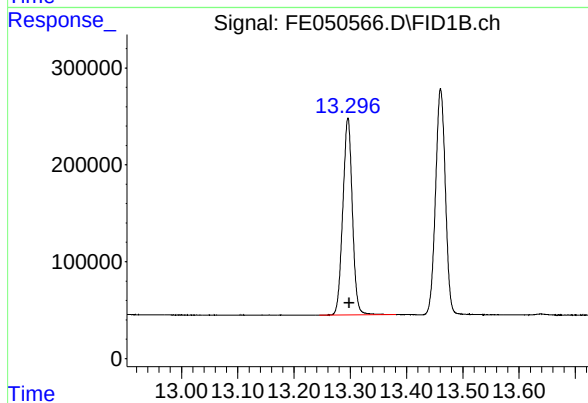
#10 n-Eicosane (C20)

R.T.: 12.850 min
Delta R.T.: -0.002 min
Response: 2889637
Conc: 20.15 ug/ml



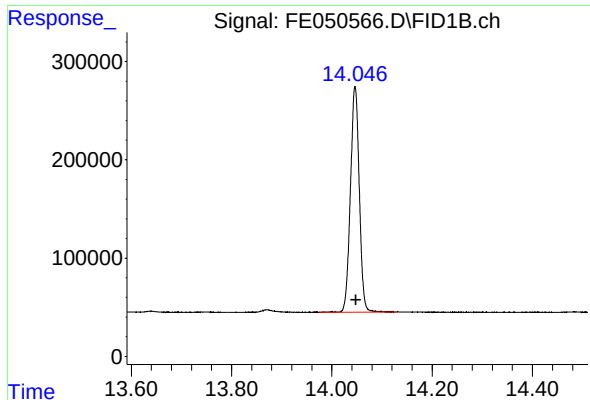
#11 n-Heneicosane (C21)

R.T.: 13.461 min
Delta R.T.: -0.002 min
Response: 2827805
Conc: 20.14 ug/ml



#12 1-chlorooctadecane (SURR)

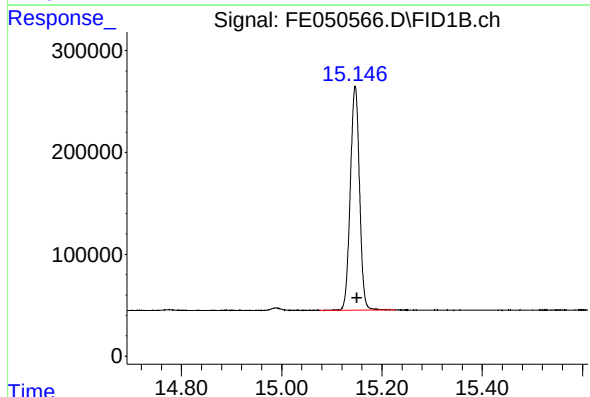
R.T.: 13.296 min
Delta R.T.: -0.002 min
Response: 2393861
Conc: 20.24 ug/ml



#13 n-Docosane (C22)

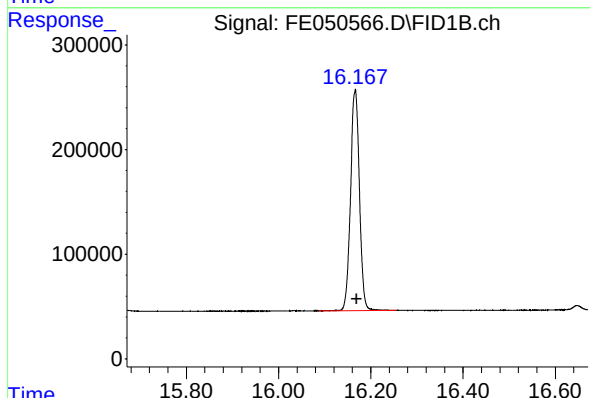
R.T.: 14.046 min
Delta R.T.: -0.002 min
Response: 2814987
Conc: 20.06 ug/ml

Instrument :
FID_E
ClientSampleId :



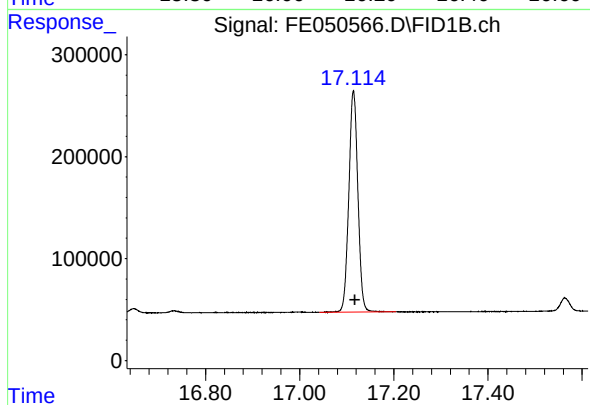
#14 n-Tetracosane (C24)

R.T.: 15.147 min
Delta R.T.: -0.003 min
Response: 2806417
Conc: 19.86 ug/ml



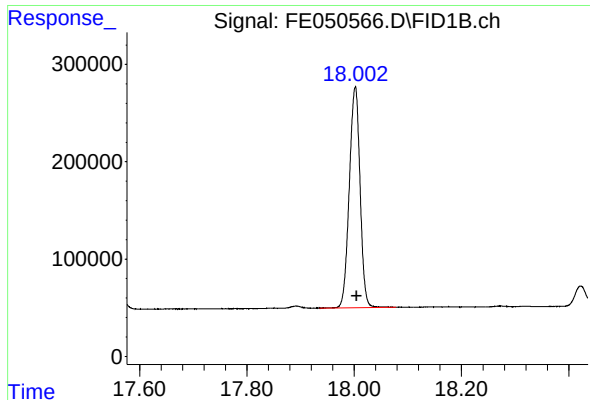
#15 n-Hexacosane (C26)

R.T.: 16.166 min
Delta R.T.: -0.003 min
Response: 2817472
Conc: 20.02 ug/ml



#16 n-Octacosane (C28)

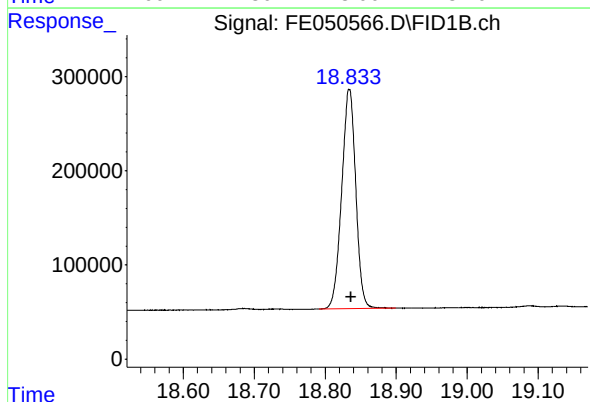
R.T.: 17.114 min
Delta R.T.: -0.003 min
Response: 2900793
Conc: 19.82 ug/ml



#17 n-Tricontane (C30)

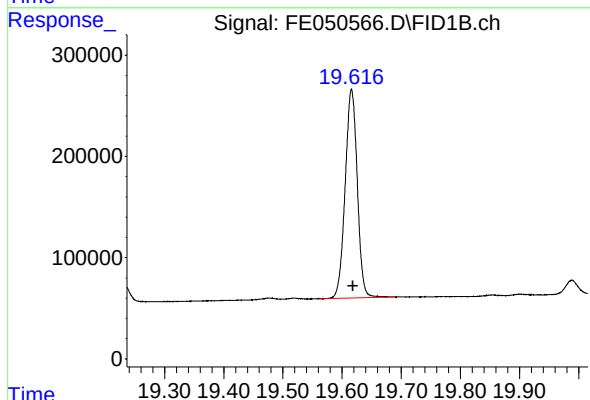
R.T.: 18.002 min
Delta R.T.: -0.002 min
Response: 3156800
Conc: 19.85 ug/ml

Instrument :
FID_E
ClientSampleId :



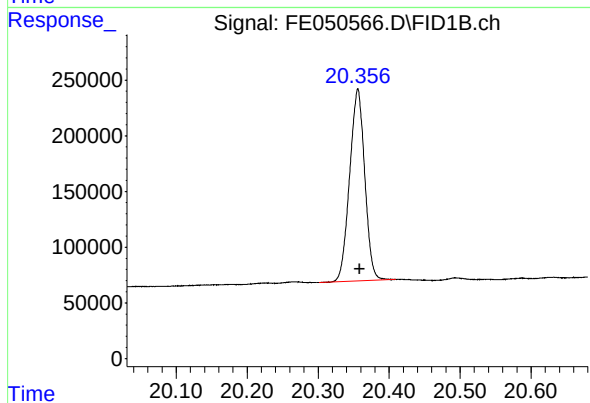
#18 n-Dotriacontane (C32)

R.T.: 18.834 min
Delta R.T.: -0.003 min
Response: 3210685
Conc: 19.81 ug/ml



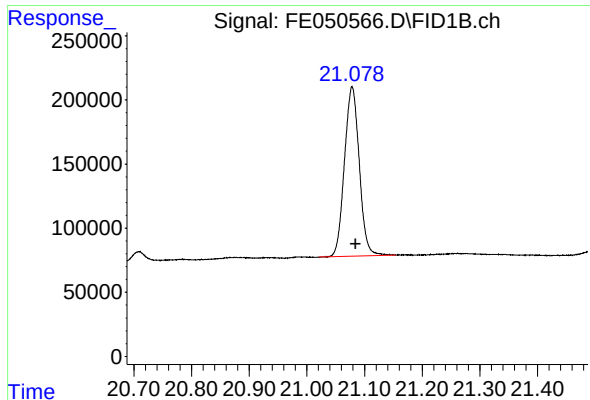
#19 n-Tetratriacontane (C34)

R.T.: 19.616 min
Delta R.T.: -0.003 min
Response: 2929781
Conc: 19.95 ug/ml



#20 n-Hexatriacontane (C36)

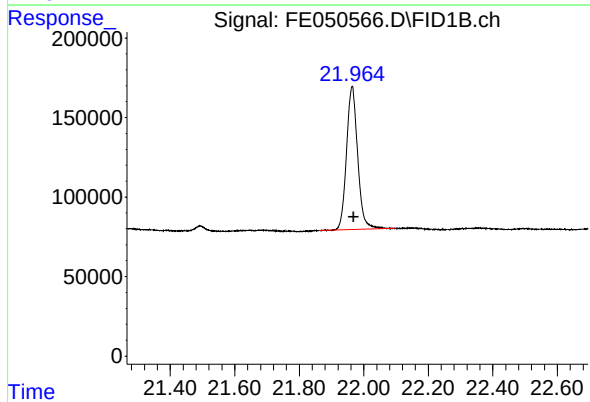
R.T.: 20.356 min
Delta R.T.: -0.003 min
Response: 2549304
Conc: 20.10 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.078 min
Delta R.T.: -0.006 min
Response: 2359979
Conc: 19.09 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.964 min
Delta R.T.: -0.005 min
Response: 2160688
Conc: 19.40 ug/ml