

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081825AL\
 Data File : FE055364.D
 Signal(s) : FID1B.ch
 Acq On : 18 Aug 2025 19:06
 Operator : YP\AJ
 Sample : Q2871-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: sample.E
 Quant Time: Aug 19 02:28:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 13:47:09 2025
 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)	12.081	4988080	34.930 ug/ml
Spiked Amount 50.000		Recovery =	69.86%
12) S 1-chlorooctadecane (S...	13.518	3926096	36.514 ug/ml
Spiked Amount 50.000		Recovery =	73.03%
Target Compounds			
1) T n-Nonane (C9)	3.417	7806	0.068 ug/ml
2) T n-Decane (C10)	4.674	13316	0.114 ug/ml
3) T A~Naphthalene (C11.7)	6.398	22307	0.166 ug/ml
4) T n-Dodecane (C12)	6.847	8285	0.070 ug/ml
5) T A~2-methylnaphthalene...	7.530	21001	0.161 ug/ml
6) T n-Tetradecane (C14)	8.691	54413	0.444 ug/ml
7) T n-Hexadecane (C16)	10.304	20961	0.164 ug/ml
8) T n-Octadecane (C18)	11.754	20377	0.156 ug/ml
10) T n-Eicosane (C20)	13.068	22204	0.177 ug/ml
11) T n-Heneicosane (C21)	13.685	26639	0.216 ug/ml
13) T n-Docosane (C22)	14.271	35292	0.289 ug/ml
14) T n-Tetracosane (C24)	15.376	77068	0.634 ug/ml
15) T n-Hexacosane (C26)	16.401	61710	0.516 ug/ml
16) T n-Octacosane (C28)	17.354	189824	1.600 ug/ml
17) T n-Tricontane (C30)	18.243	593971	4.827 ug/ml
18) T n-Dotriacontane (C32)	19.077	1974939	16.187 ug/ml
19) T n-Tetratriacontane (C34)	19.862	804181	6.878 ug/ml
20) T n-Hexatriacontane (C36)	20.604	1900098	17.384 ug/ml
21) T n-Octatriacontane (C38)	21.384	3718109	34.404 ug/ml
22) T n-Tetracontane (C40)	22.373	3275494	31.322 ug/ml

(f)=RT Delta > 1/2 Window

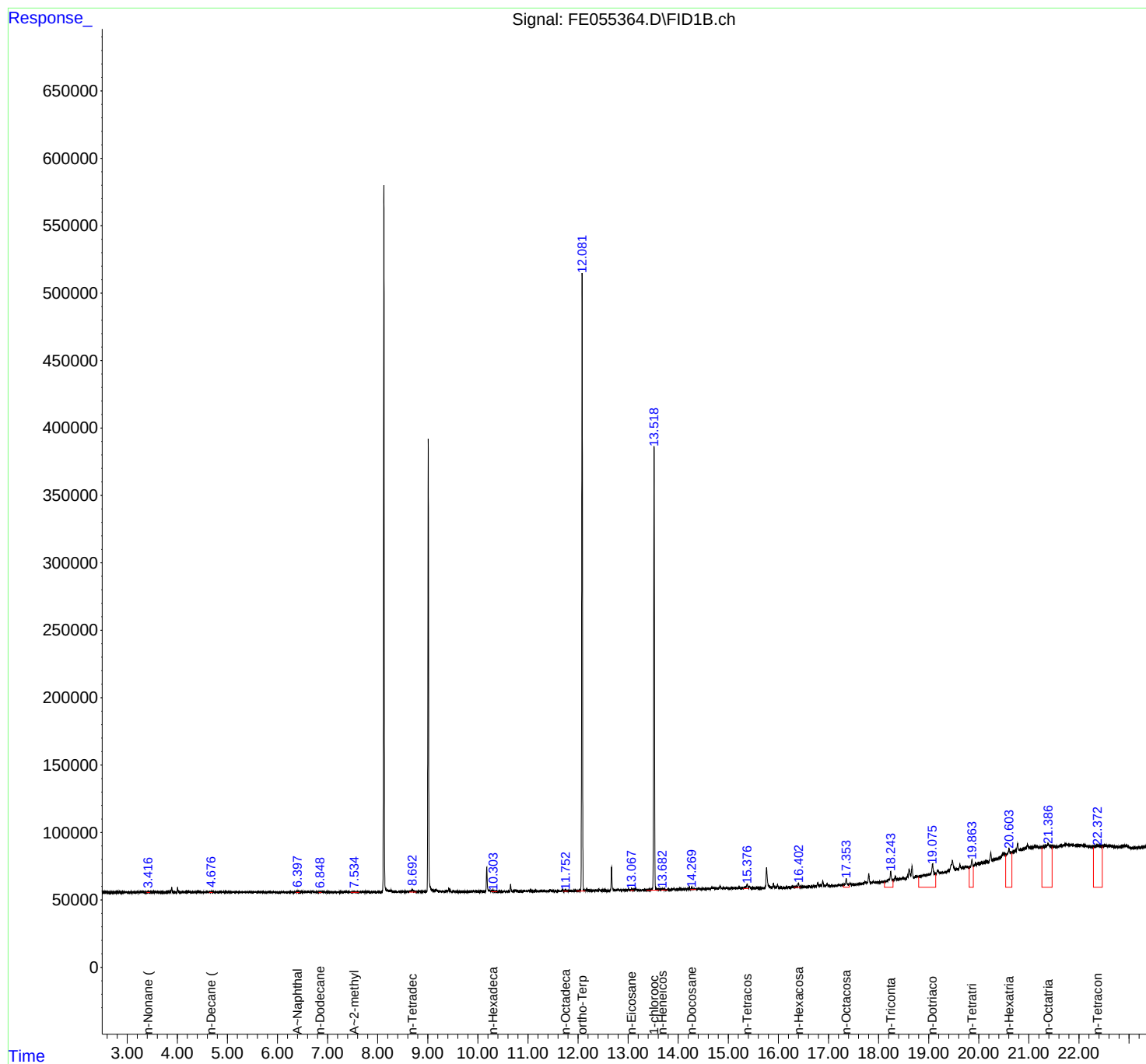
(m)=manual int.

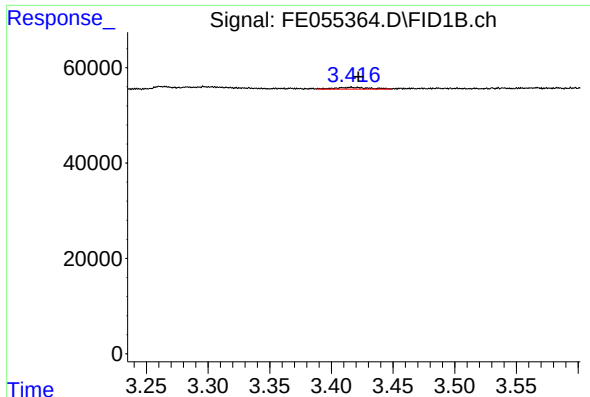
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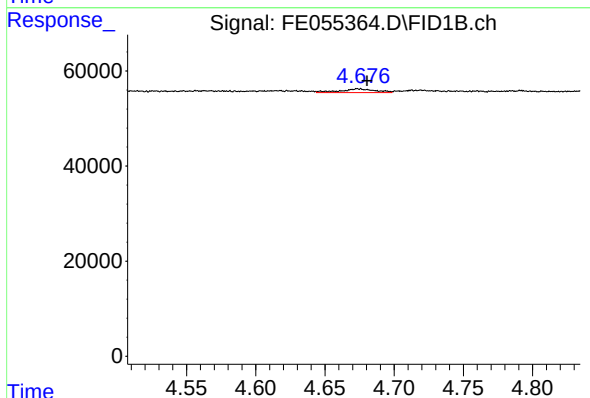




#1 n-Nonane (C9)

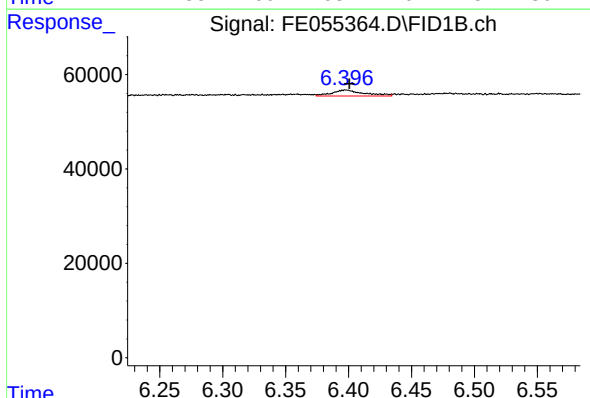
R.T.: 3.417 min
Delta R.T.: -0.005 min
Response: 7806
Conc: 0.07 ug/ml

Instrument :
FID_E
ClientSampleId :



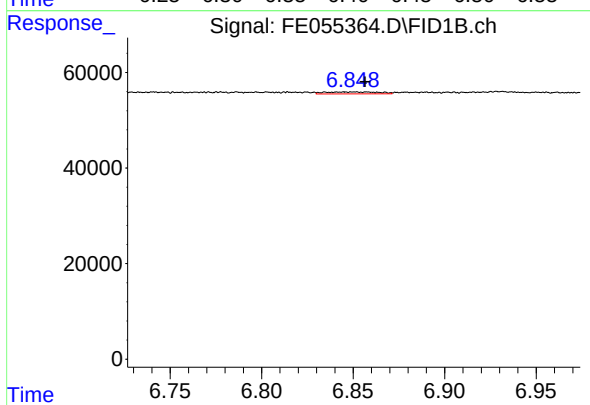
#2 n-Decane (C10)

R.T.: 4.674 min
Delta R.T.: -0.006 min
Response: 13316
Conc: 0.11 ug/ml



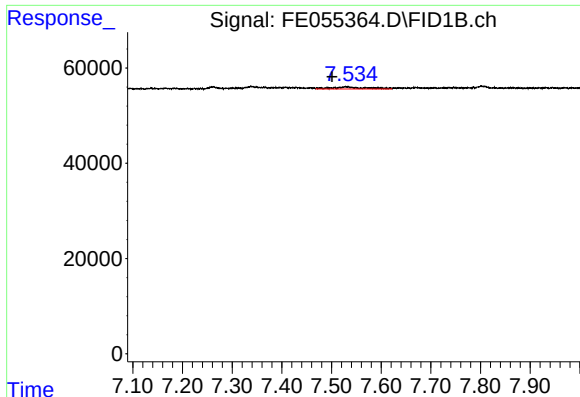
#3 A~Naphthalene (C11.7)

R.T.: 6.398 min
Delta R.T.: -0.003 min
Response: 22307
Conc: 0.17 ug/ml



#4 n-Dodecane (C12)

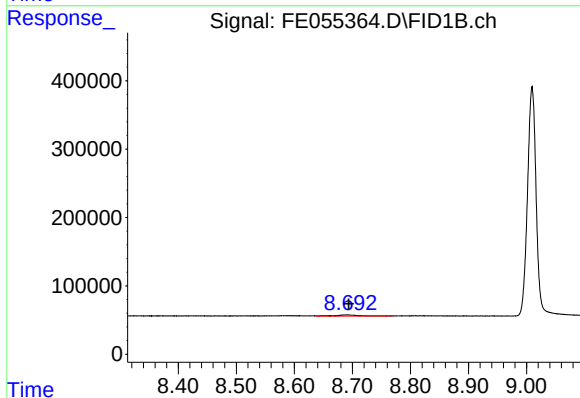
R.T.: 6.847 min
Delta R.T.: -0.009 min
Response: 8285
Conc: 0.07 ug/ml



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

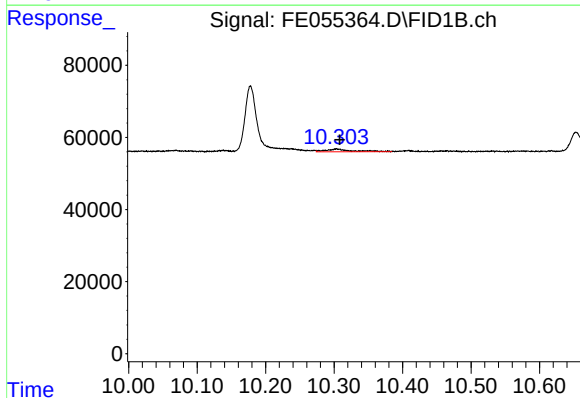
R.T.: 7.530 min
Delta R.T.: 0.029 min
Response: 21001
Conc: 0.16 ug/ml

Instrument :
FID_E
ClientSampleId :



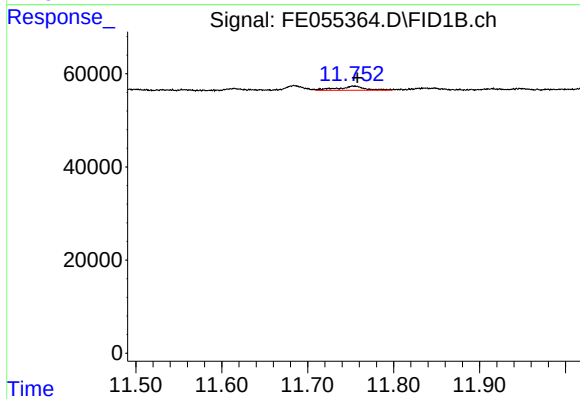
#6 n-Tetradecane (C14)

R.T.: 8.691 min
Delta R.T.: -0.003 min
Response: 54413
Conc: 0.44 ug/ml



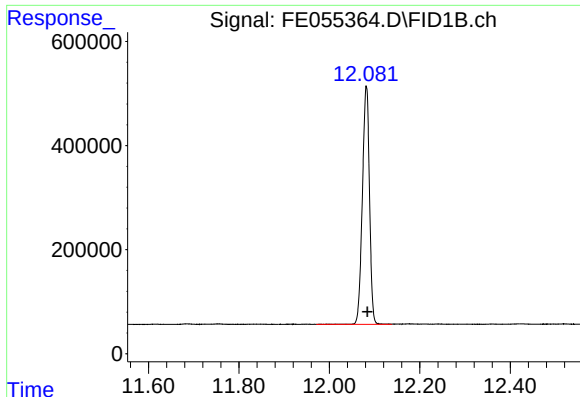
#7 n-Hexadecane (C16)

R.T.: 10.304 min
Delta R.T.: -0.005 min
Response: 20961
Conc: 0.16 ug/ml



#8 n-Octadecane (C18)

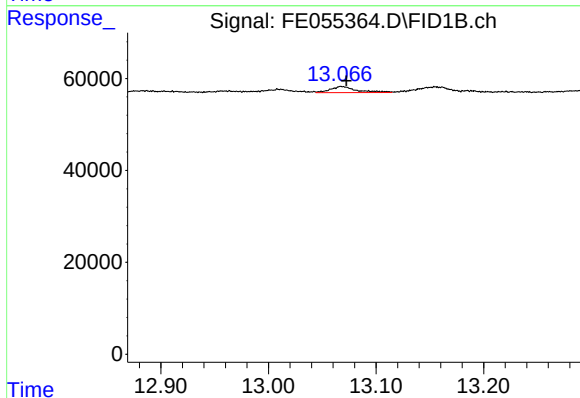
R.T.: 11.754 min
Delta R.T.: -0.004 min
Response: 20377
Conc: 0.16 ug/ml



#9 ortho-Terphenyl (SURR)

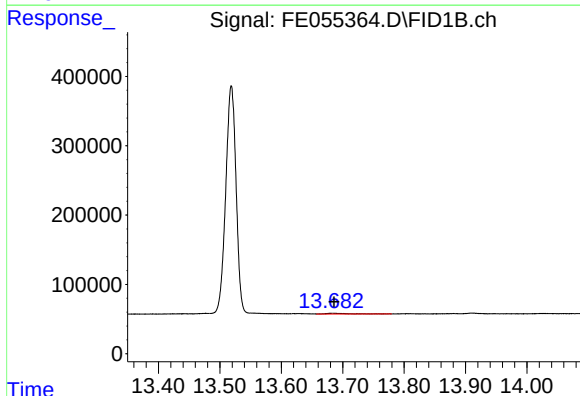
R.T.: 12.081 min
Delta R.T.: -0.003 min
Response: 4988080
Conc: 34.93 ug/ml

Instrument :
FID_E
ClientSampleId :



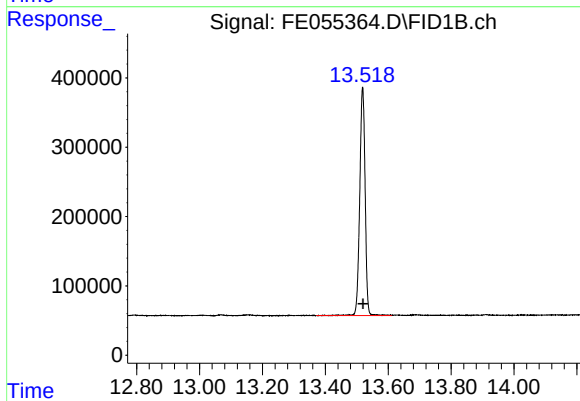
#10 n-Eicosane (C20)

R.T.: 13.068 min
Delta R.T.: -0.004 min
Response: 22204
Conc: 0.18 ug/ml



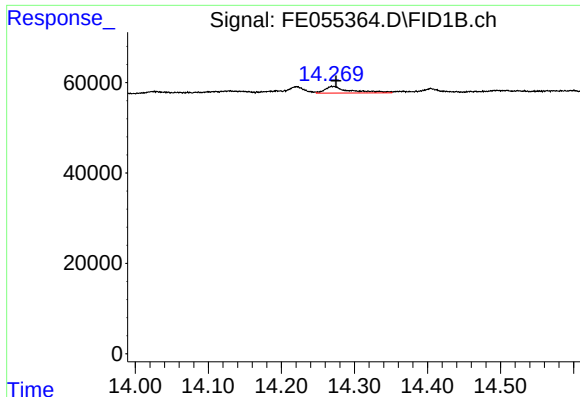
#11 n-Heneicosane (C21)

R.T.: 13.685 min
Delta R.T.: 0.000 min
Response: 26639
Conc: 0.22 ug/ml



#12 1-chlorooctadecane (SURR)

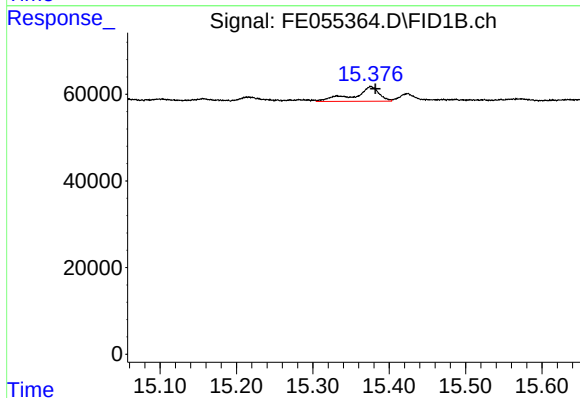
R.T.: 13.518 min
Delta R.T.: -0.002 min
Response: 3926096
Conc: 36.51 ug/ml



#13 n-Docosane (C22)

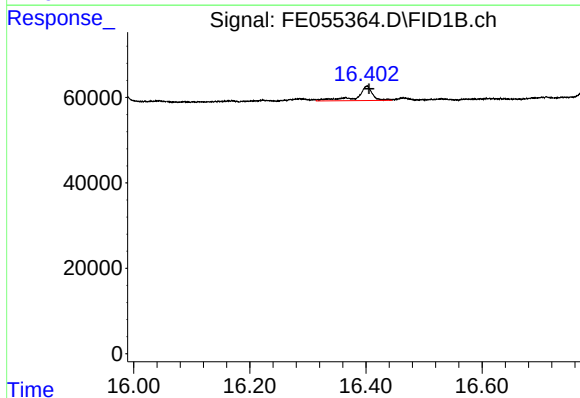
R.T.: 14.271 min
Delta R.T.: -0.004 min
Response: 35292
Conc: 0.29 ug/ml

Instrument :
FID_E
ClientSampleId :



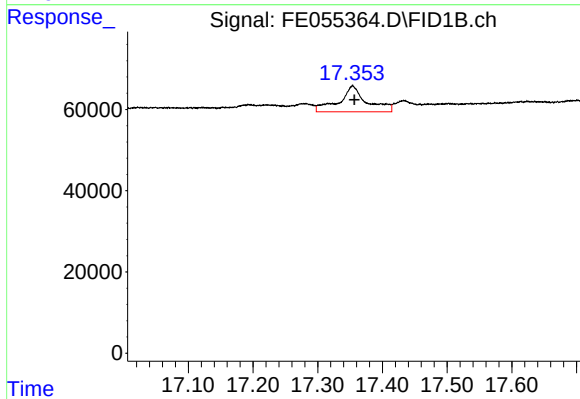
#14 n-Tetracosane (C24)

R.T.: 15.376 min
Delta R.T.: -0.006 min
Response: 77068
Conc: 0.63 ug/ml



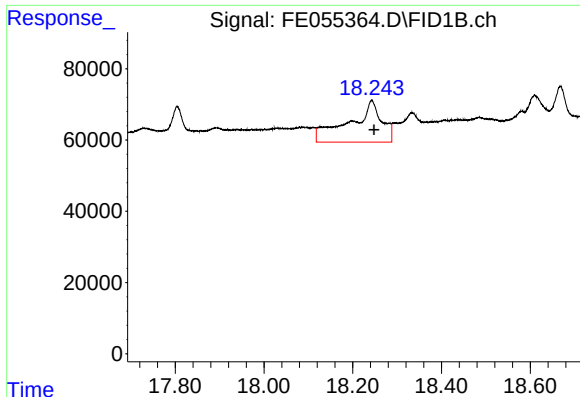
#15 n-Hexacosane (C26)

R.T.: 16.401 min
Delta R.T.: -0.004 min
Response: 61710
Conc: 0.52 ug/ml



#16 n-Octacosane (C28)

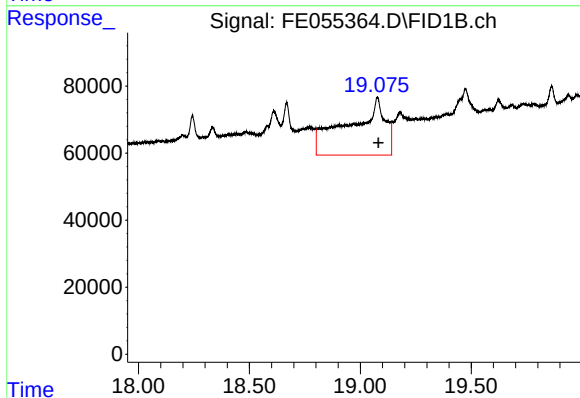
R.T.: 17.354 min
Delta R.T.: -0.003 min
Response: 189824
Conc: 1.60 ug/ml



#17 n-Tricontane (C30)

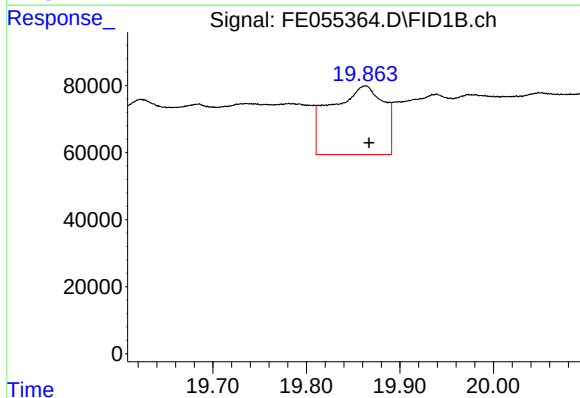
R.T.: 18.243 min
Delta R.T.: -0.005 min
Response: 593971
Conc: 4.83 ug/ml

Instrument :
FID_E
ClientSampleId :



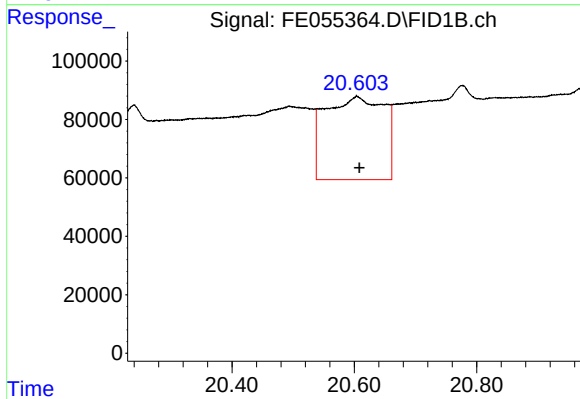
#18 n-Dotriacontane (C32)

R.T.: 19.077 min
Delta R.T.: -0.005 min
Response: 1974939
Conc: 16.19 ug/ml



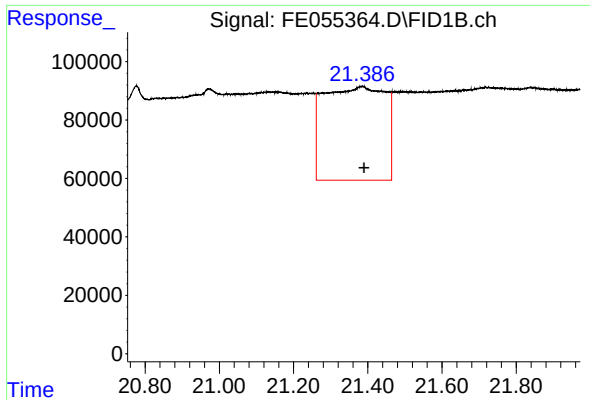
#19 n-Tetratriacontane (C34)

R.T.: 19.862 min
Delta R.T.: -0.004 min
Response: 804181
Conc: 6.88 ug/ml



#20 n-Hexatriacontane (C36)

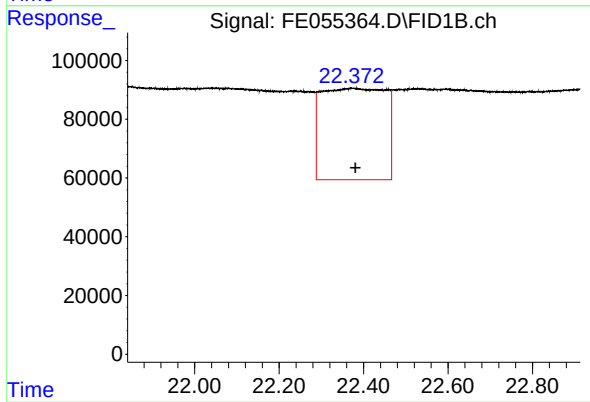
R.T.: 20.604 min
Delta R.T.: -0.004 min
Response: 1900098
Conc: 17.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.384 min
Delta R.T.: -0.005 min
Response: 3718109
Conc: 34.40 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.373 min
Delta R.T.: -0.007 min
Response: 3275494
Conc: 31.32 ug/ml