

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081825AL\
 Data File : FE055373.D
 Signal(s) : FID1B.ch
 Acq On : 18 Aug 2025 23:39
 Operator : YP\AJ
 Sample : Q2873-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: sample.E
 Quant Time: Aug 19 02:32:26 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	5786192	40.518 ug/ml
Spiked Amount 50.000		Recovery =	81.04%
12) S 1-chlorooctadecane (S...	13.517	4618106	42.950 ug/ml
Spiked Amount 50.000		Recovery =	85.90%
Target Compounds			
1) T n-Nonane (C9)	3.414	11320	0.099 ug/ml
2) T n-Decane (C10)	4.674	12096	0.104 ug/ml
3) T A~Naphthalene (C11.7)	6.397	15974	0.119 ug/ml
4) T n-Dodecane (C12)	6.852	4996	0.042 ug/ml
5) T A~2-methylnaphthalene...	7.498	3221	0.025 ug/ml
6) T n-Tetradecane (C14)	8.694	40006	0.326 ug/ml
7) T n-Hexadecane (C16)	10.302	23799	0.186 ug/ml
8) T n-Octadecane (C18)	11.753	19438	0.149 ug/ml
10) T n-Eicosane (C20)	13.067	19188	0.153 ug/ml
11) T n-Heneicosane (C21)	13.683	27611	0.224 ug/ml
13) T n-Docosane (C22)	14.269	21308	0.174 ug/ml
14) T n-Tetracosane (C24)	15.373	38805	0.319 ug/ml
15) T n-Hexacosane (C26)	16.400	28556	0.239 ug/ml
16) T n-Octacosane (C28)	17.352	123852	1.044 ug/ml
17) T n-Tricontane (C30)	18.242	267639	2.175 ug/ml
18) T n-Dotriacontane (C32)	19.073	993655	8.144 ug/ml
19) T n-Tetratriacontane (C34)	19.860	709470	6.068 ug/ml
20) T n-Hexatriacontane (C36)	20.602	1151142	10.532 ug/ml
21) T n-Octatriacontane (C38)	21.380	1438013	13.306 ug/ml
22) T n-Tetracontane (C40)	22.367	4512119	43.147 ug/ml

(f)=RT Delta > 1/2 Window

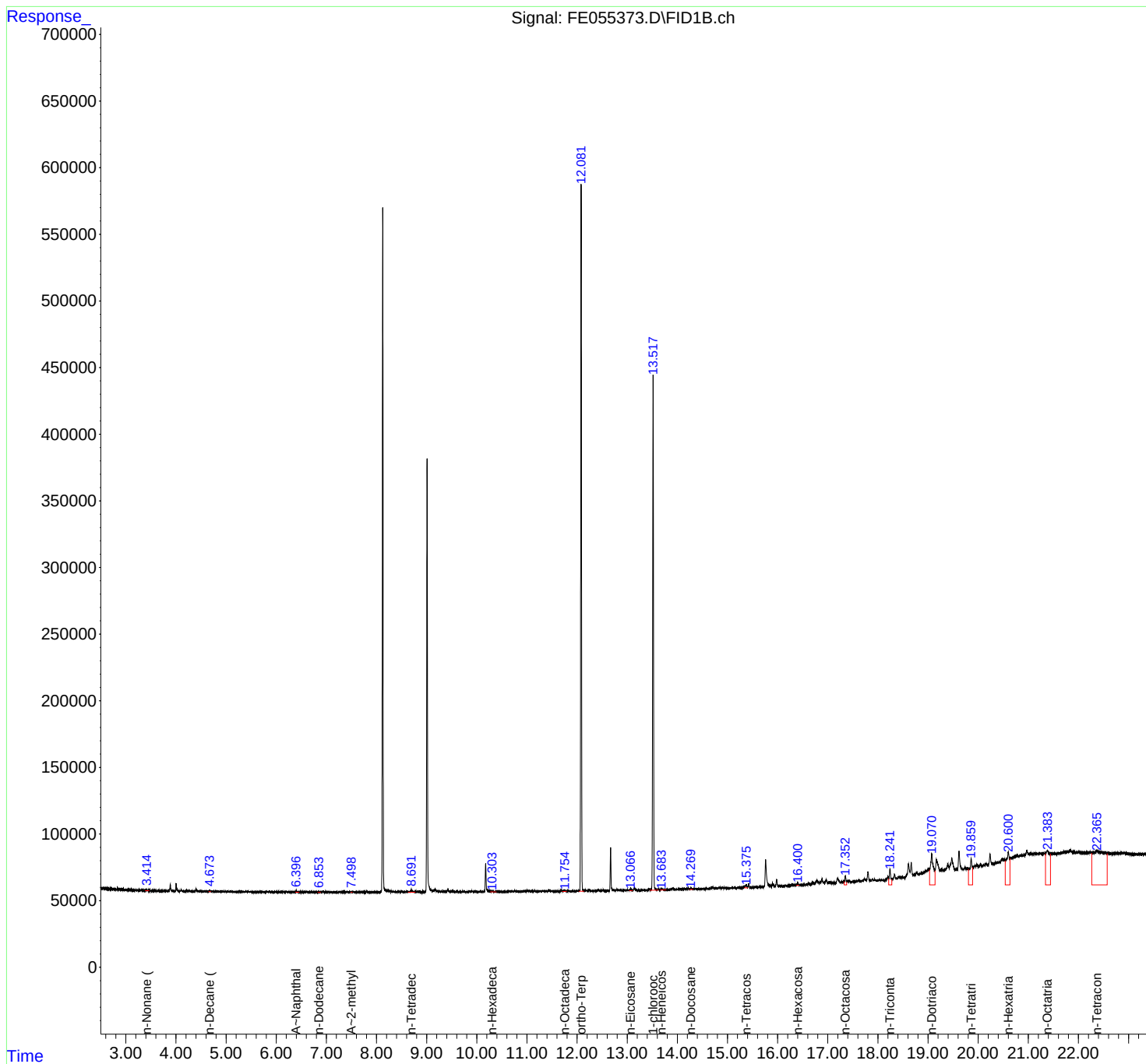
(m)=manual int.

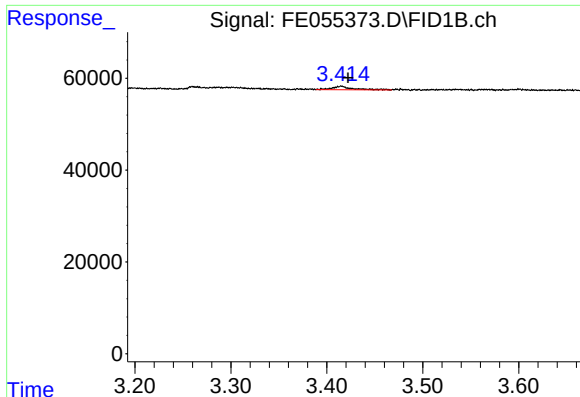
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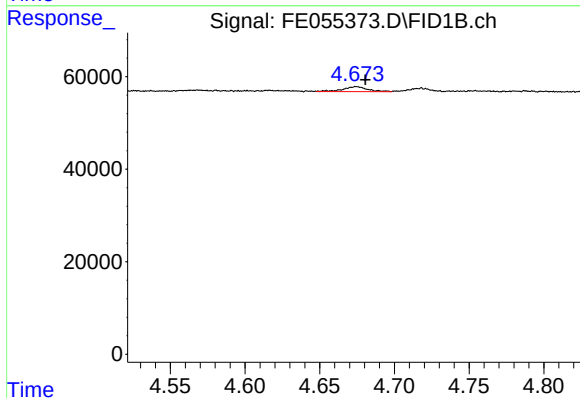




#1 n-Nonane (C9)

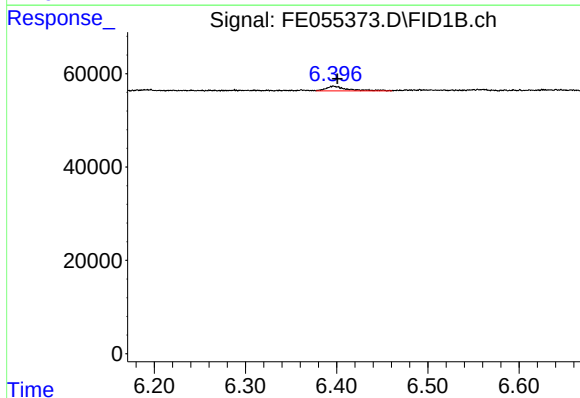
R.T.: 3.414 min
Delta R.T.: -0.008 min
Response: 11320
Conc: 0.10 ug/ml

Instrument :
FID_E
ClientSampleId :



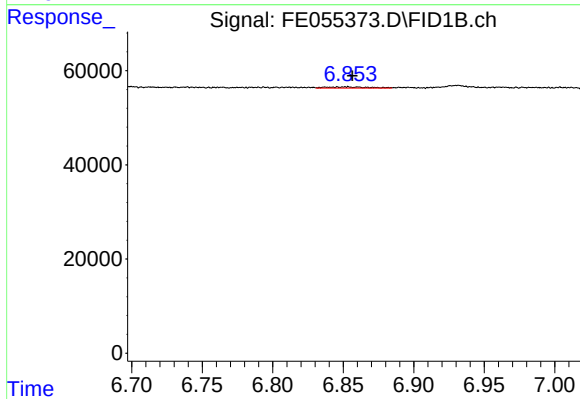
#2 n-Decane (C10)

R.T.: 4.674 min
Delta R.T.: -0.006 min
Response: 12096
Conc: 0.10 ug/ml



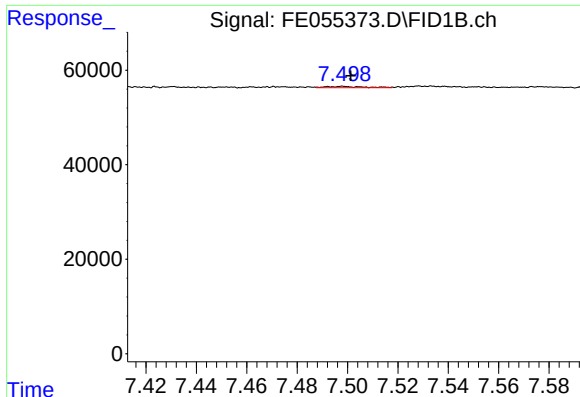
#3 A~Naphthalene (C11.7)

R.T.: 6.397 min
Delta R.T.: -0.004 min
Response: 15974
Conc: 0.12 ug/ml



#4 n-Dodecane (C12)

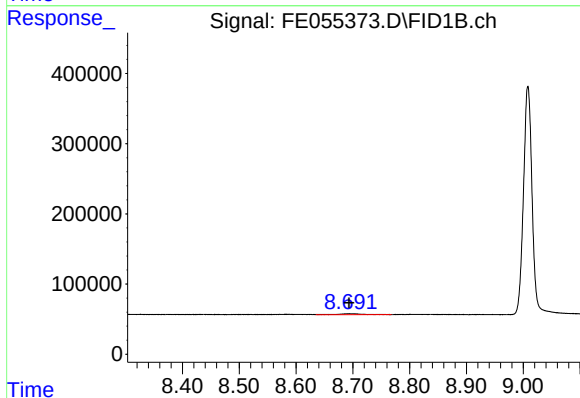
R.T.: 6.852 min
Delta R.T.: -0.005 min
Response: 4996
Conc: 0.04 ug/ml



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

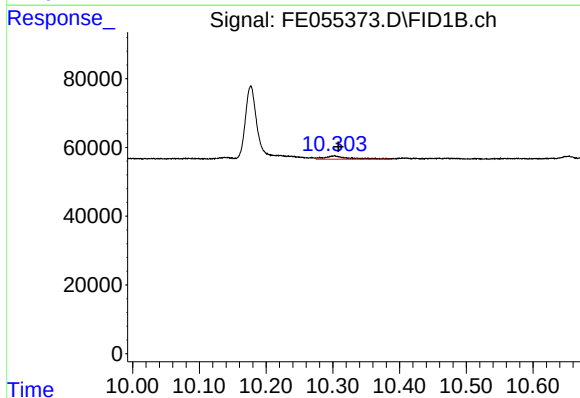
R.T.: 7.498 min
Delta R.T.: -0.004 min
Response: 3221
Conc: 0.02 ug/ml

Instrument :
FID_E
ClientSampleId :



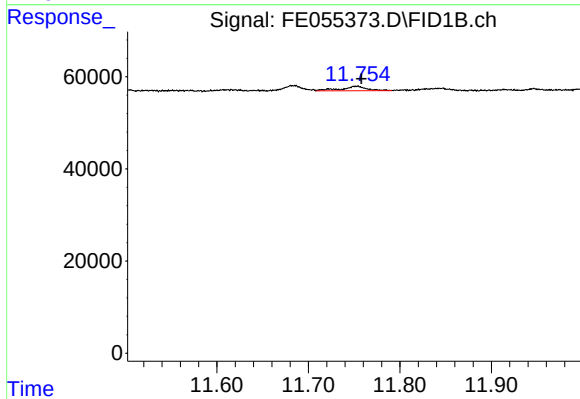
#6 n-Tetradecane (C14)

R.T.: 8.694 min
Delta R.T.: 0.000 min
Response: 40006
Conc: 0.33 ug/ml



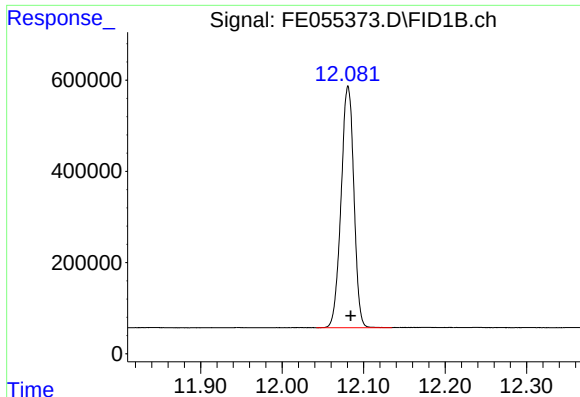
#7 n-Hexadecane (C16)

R.T.: 10.302 min
Delta R.T.: -0.006 min
Response: 23799
Conc: 0.19 ug/ml



#8 n-Octadecane (C18)

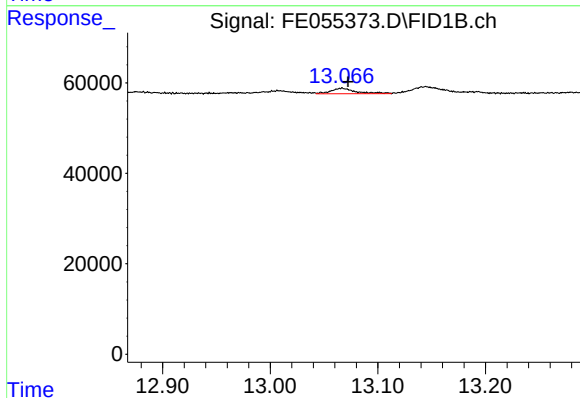
R.T.: 11.753 min
Delta R.T.: -0.005 min
Response: 19438
Conc: 0.15 ug/ml



#9 ortho-Terphenyl (SURR)

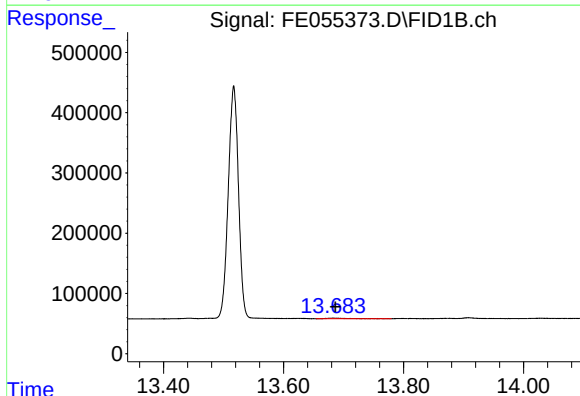
R.T.: 12.081 min
Delta R.T.: -0.003 min
Response: 5786192
Conc: 40.52 ug/ml

Instrument :
FID_E
ClientSampleId :



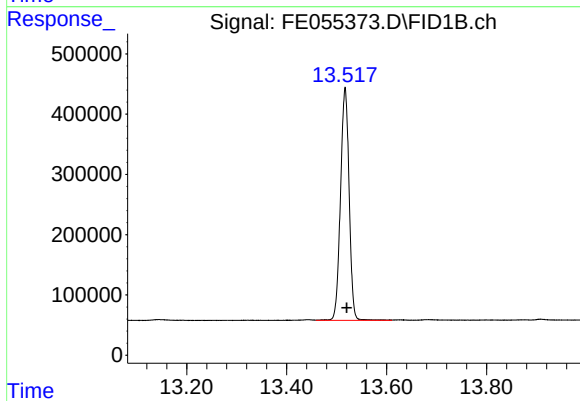
#10 n-Eicosane (C20)

R.T.: 13.067 min
Delta R.T.: -0.006 min
Response: 19188
Conc: 0.15 ug/ml



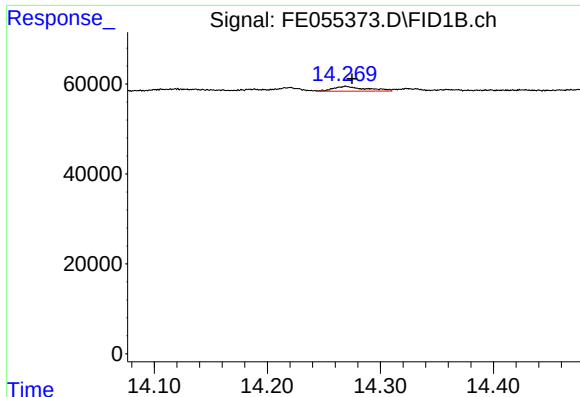
#11 n-Heneicosane (C21)

R.T.: 13.683 min
Delta R.T.: -0.003 min
Response: 27611
Conc: 0.22 ug/ml



#12 1-chlorooctadecane (SURR)

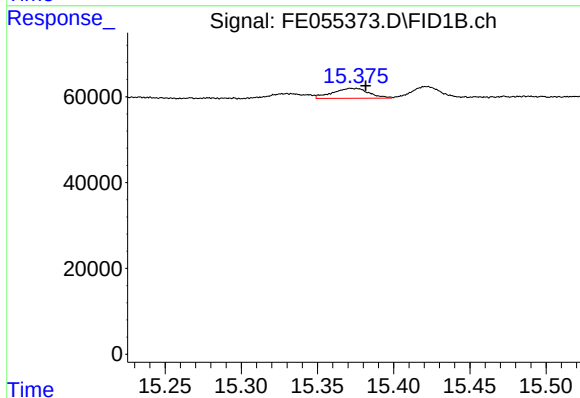
R.T.: 13.517 min
Delta R.T.: -0.003 min
Response: 4618106
Conc: 42.95 ug/ml



#13 n-Docosane (C22)

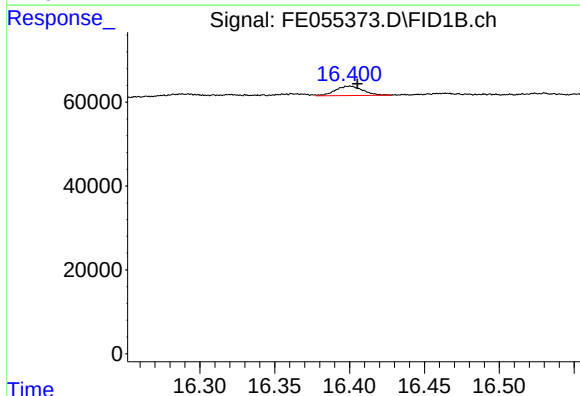
R.T.: 14.269 min
Delta R.T.: -0.006 min
Response: 21308
Conc: 0.17 ug/ml

Instrument :
FID_E
ClientSampleId :



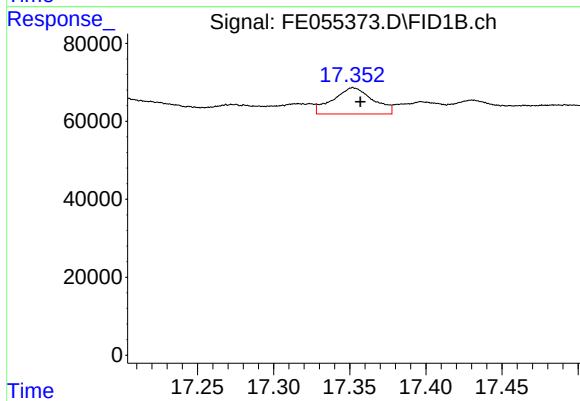
#14 n-Tetracosane (C24)

R.T.: 15.373 min
Delta R.T.: -0.008 min
Response: 38805
Conc: 0.32 ug/ml



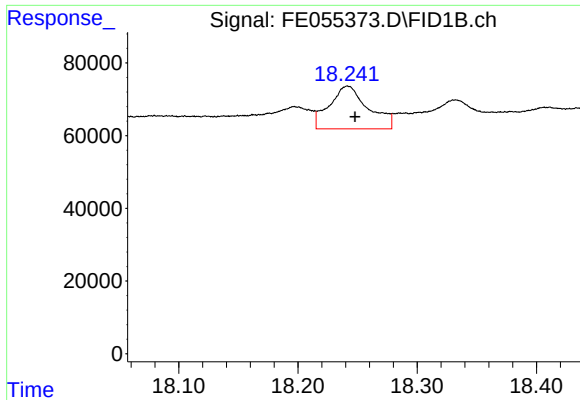
#15 n-Hexacosane (C26)

R.T.: 16.400 min
Delta R.T.: -0.005 min
Response: 28556
Conc: 0.24 ug/ml



#16 n-Octacosane (C28)

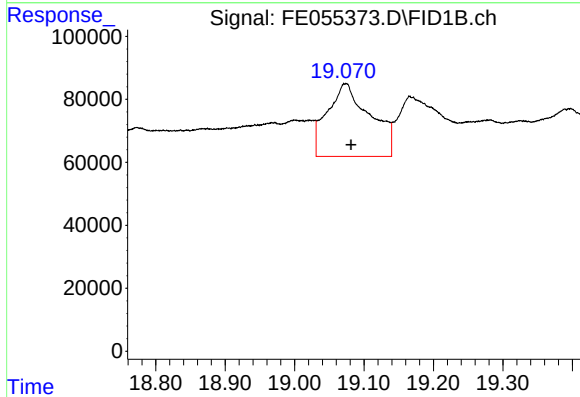
R.T.: 17.352 min
Delta R.T.: -0.005 min
Response: 123852
Conc: 1.04 ug/ml



#17 n-Tricontane (C30)

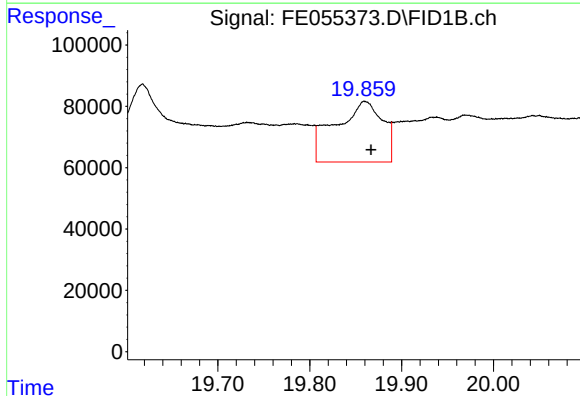
R.T.: 18.242 min
Delta R.T.: -0.006 min
Response: 267639
Conc: 2.18 ug/ml

Instrument :
FID_E
ClientSampleId :



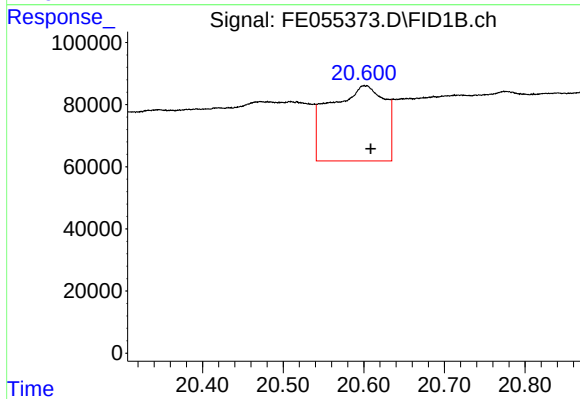
#18 n-Dotriacontane (C32)

R.T.: 19.073 min
Delta R.T.: -0.008 min
Response: 993655
Conc: 8.14 ug/ml



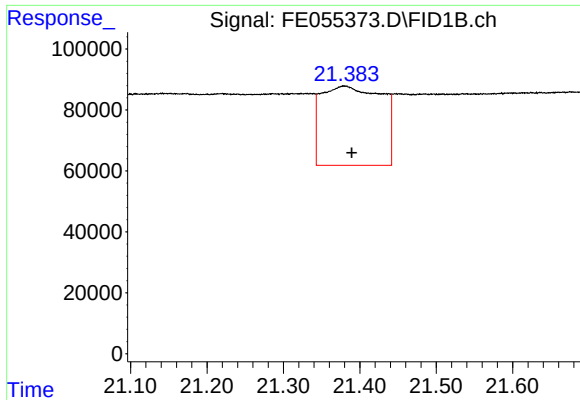
#19 n-Tetratriacontane (C34)

R.T.: 19.860 min
Delta R.T.: -0.006 min
Response: 709470
Conc: 6.07 ug/ml



#20 n-Hexatriacontane (C36)

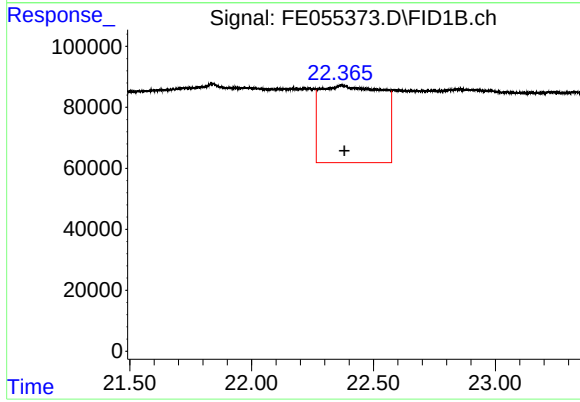
R.T.: 20.602 min
Delta R.T.: -0.007 min
Response: 1151142
Conc: 10.53 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.380 min
Delta R.T.: -0.010 min
Response: 1438013
Conc: 13.31 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.367 min
Delta R.T.: -0.014 min
Response: 4512119
Conc: 43.15 ug/ml