

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022125AL\
 Data File : FE052453.D
 Signal(s) : FID1B.ch
 Acq On : 21 Feb 2025 22:15
 Operator : YP\AJ
 Sample : Q1400-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 21 23:08:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 14 00:50:00 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)	11.914	4682640	25.050 ug/ml
Spiked Amount 50.000		Recovery =	50.10%
12) S 1-chlorooctadecane (S...	13.359	4054911	29.173 ug/ml
Spiked Amount 50.000		Recovery =	58.35%
Target Compounds			
1) T n-Nonane (C9)	3.250	308979	2.013 ug/ml
2) T n-Decane (C10)	4.514	2795807	17.900 ug/ml
3) T A~Naphthalene (C11.7)	6.255	2484921	14.383 ug/ml
4) T n-Dodecane (C12)	6.701	10174520	64.460 ug/ml
5) T A~2-methylnaphthalene...	7.325	4398591	26.190 ug/ml
6) T n-Tetradecane (C14)	8.539	10290098	65.328 ug/ml
7) T n-Hexadecane (C16)	10.150	4491654	27.482 ug/ml
8) T n-Octadecane (C18)	11.597	902019	5.452 ug/ml
10) T n-Eicosane (C20)	12.912	356350	2.235 ug/ml
11) T n-Heneicosane (C21)	13.527	265868	1.697 ug/ml
13) T n-Docosane (C22)	14.116	217855	1.392 ug/ml
14) T n-Tetracosane (C24)	15.221	101875	0.648 ug/ml
15) T n-Hexacosane (C26)	16.247	191307	1.235 ug/ml
16) T n-Octacosane (C28)	17.197	275818	1.803 ug/ml
17) T n-Tricontane (C30)	18.087	352575	2.259 ug/ml
18) T n-Dotriacontane (C32)	18.922	160973	1.052 ug/ml
19) T n-Tetratriacontane (C34)	19.710	183319	1.289 ug/ml
20) T n-Hexatriacontane (C36)	20.453	101566	0.815 ug/ml
22) T n-Tetracontane (C40)	22.121	338283	3.363 ug/ml

(f)=RT Delta > 1/2 Window

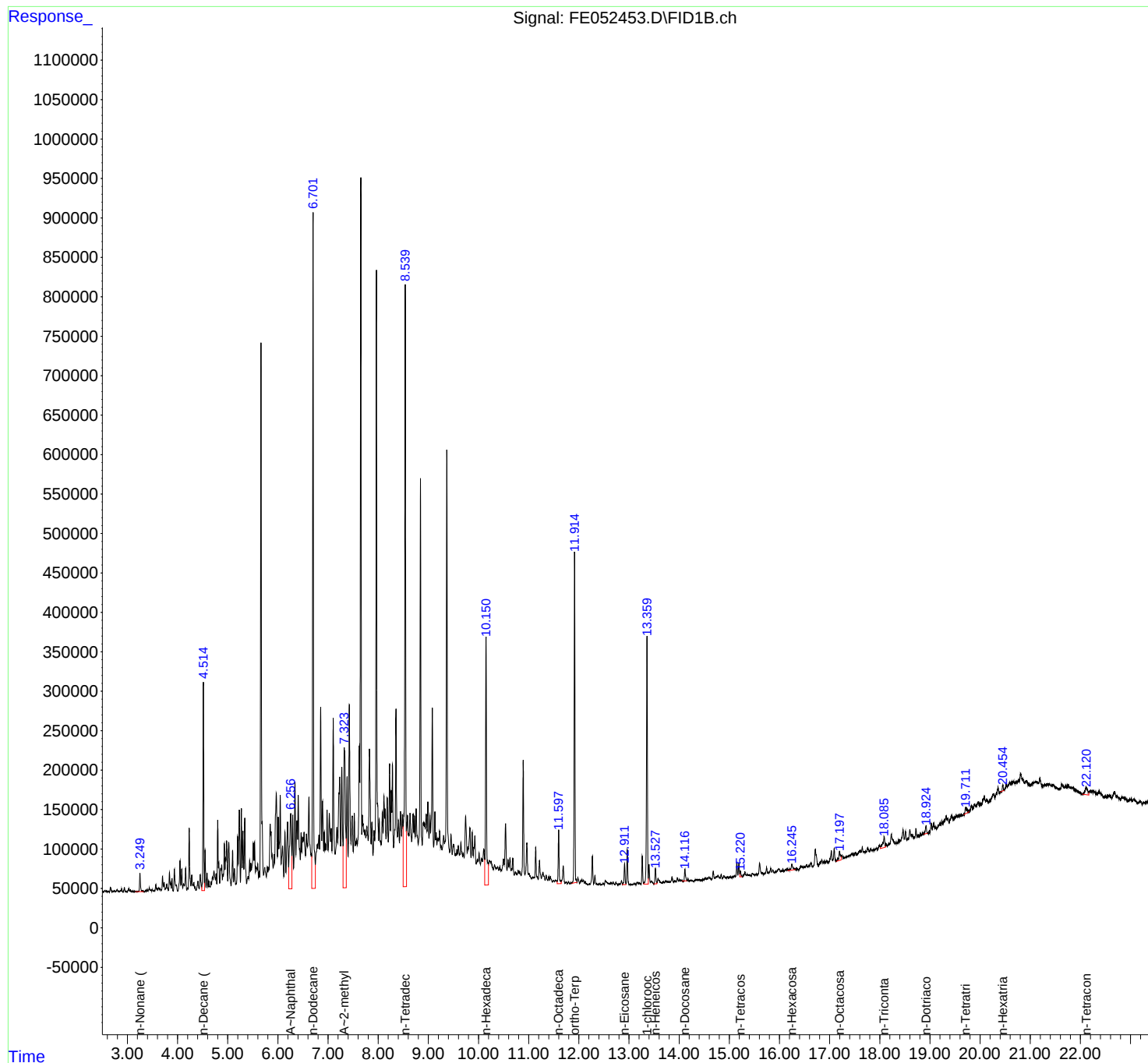
(m)=manual int.

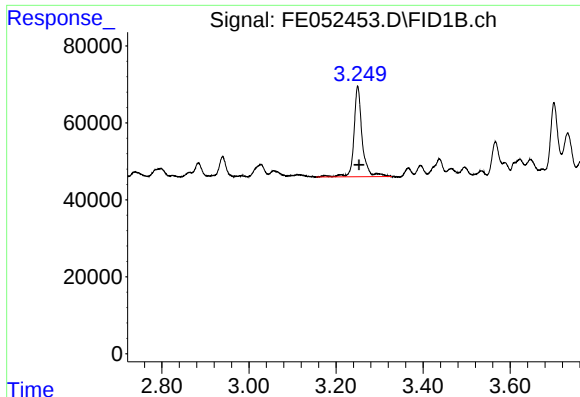
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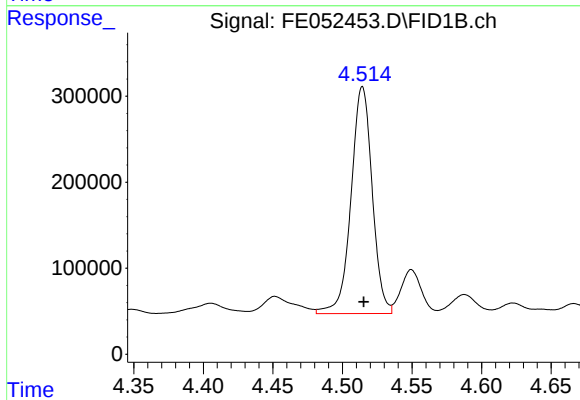




#1 n-Nonane (C9)

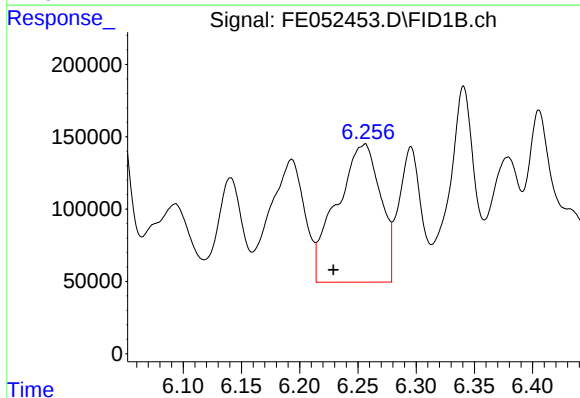
R.T.: 3.250 min
Delta R.T.: -0.003 min
Response: 308979
Conc: 2.01 ug/ml

Instrument :
FID_E
ClientSampleId :



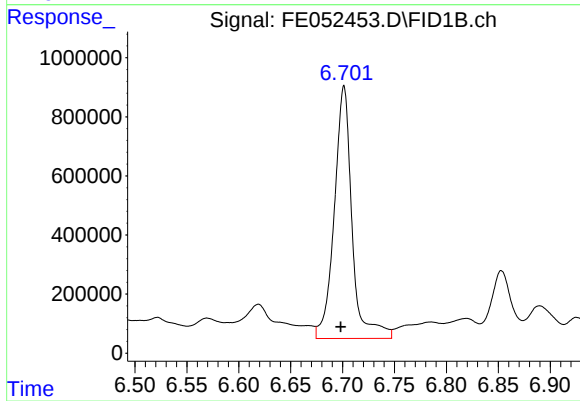
#2 n-Decane (C10)

R.T.: 4.514 min
Delta R.T.: -0.001 min
Response: 2795807
Conc: 17.90 ug/ml



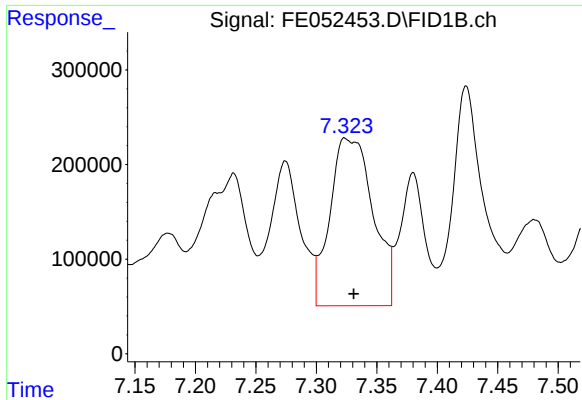
#3 A~Naphthalene (C11.7)

R.T.: 6.255 min
Delta R.T.: 0.026 min
Response: 2484921
Conc: 14.38 ug/ml



#4 n-Dodecane (C12)

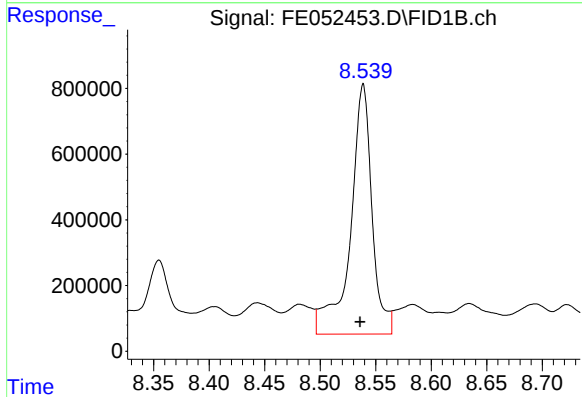
R.T.: 6.701 min
Delta R.T.: 0.003 min
Response: 10174520
Conc: 64.46 ug/ml



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

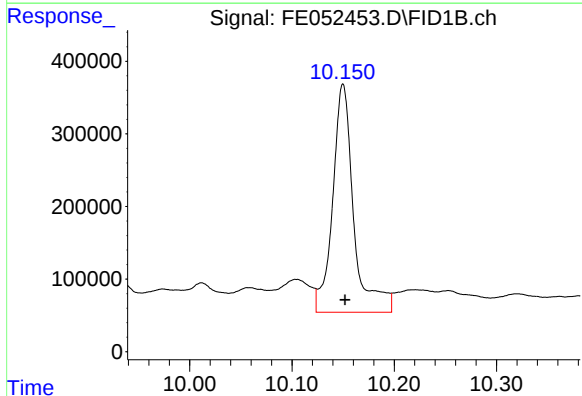
R.T.: 7.325 min
Delta R.T.: -0.006 min
Response: 4398591
Conc: 26.19 ug/ml

Instrument :
FID_E
ClientSampleId :



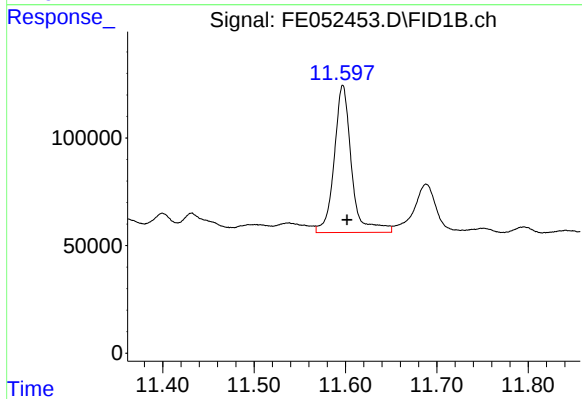
#6 n-Tetradecane (C14)

R.T.: 8.539 min
Delta R.T.: 0.002 min
Response: 10290098
Conc: 65.33 ug/ml



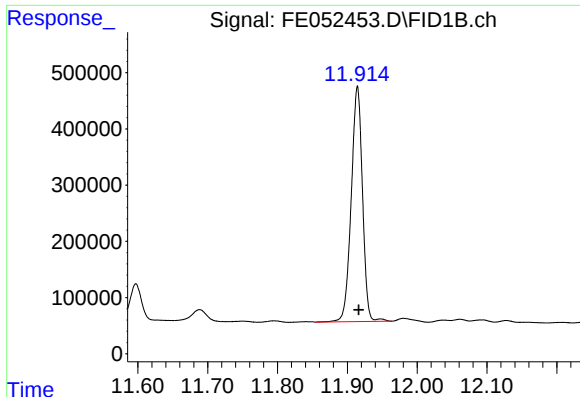
#7 n-Hexadecane (C16)

R.T.: 10.150 min
Delta R.T.: -0.002 min
Response: 4491654
Conc: 27.48 ug/ml



#8 n-Octadecane (C18)

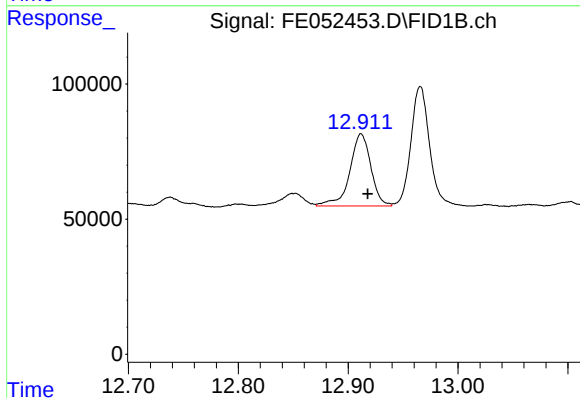
R.T.: 11.597 min
Delta R.T.: -0.005 min
Response: 902019
Conc: 5.45 ug/ml



#9 ortho-Terphenyl (SURR)

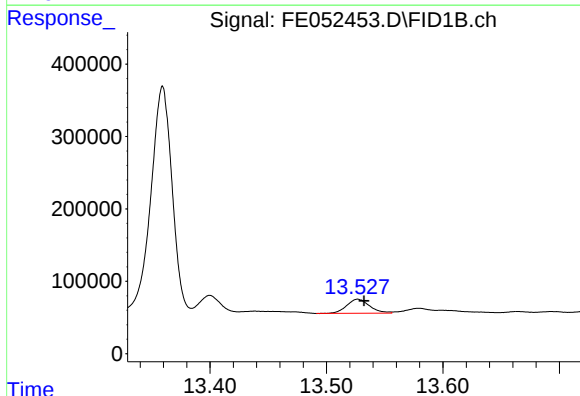
R.T.: 11.914 min
Delta R.T.: -0.002 min
Response: 4682640
Conc: 25.05 ug/ml

Instrument :
FID_E
ClientSampleId :



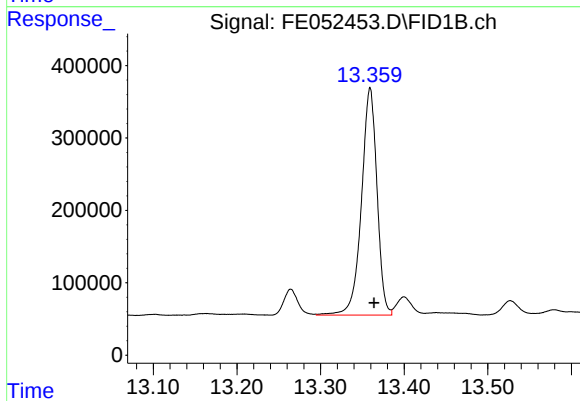
#10 n-Eicosane (C20)

R.T.: 12.912 min
Delta R.T.: -0.006 min
Response: 356350
Conc: 2.24 ug/ml



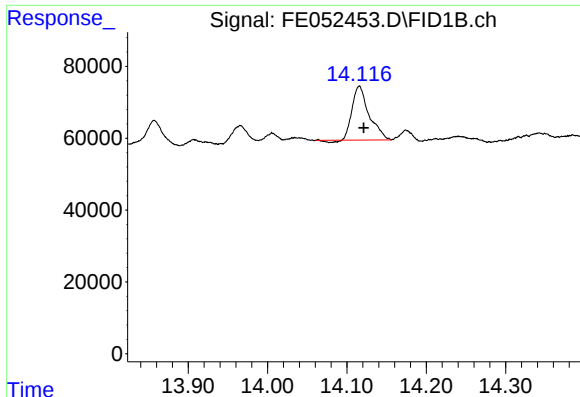
#11 n-Heneicosane (C21)

R.T.: 13.527 min
Delta R.T.: -0.005 min
Response: 265868
Conc: 1.70 ug/ml



#12 1-chlorooctadecane (SURR)

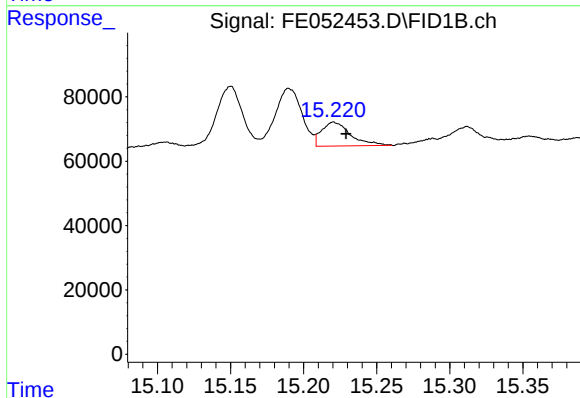
R.T.: 13.359 min
Delta R.T.: -0.005 min
Response: 4054911
Conc: 29.17 ug/ml



#13 n-Docosane (C22)

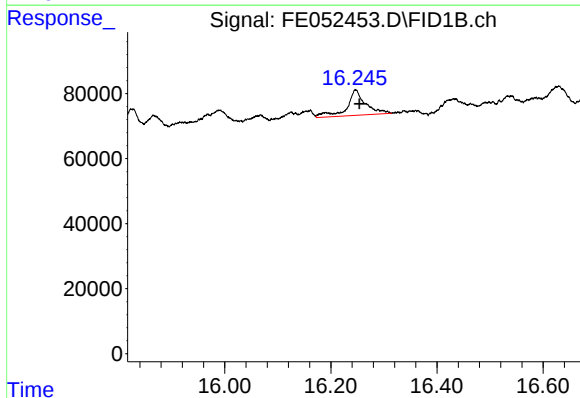
R.T.: 14.116 min
Delta R.T.: -0.006 min
Response: 217855
Conc: 1.39 ug/ml

Instrument :
FID_E
ClientSampleId :



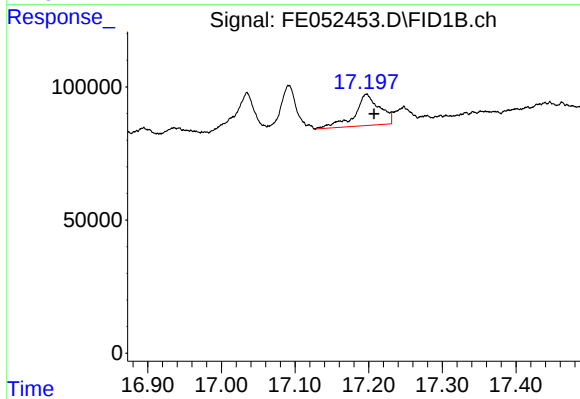
#14 n-Tetracosane (C24)

R.T.: 15.221 min
Delta R.T.: -0.008 min
Response: 101875
Conc: 0.65 ug/ml



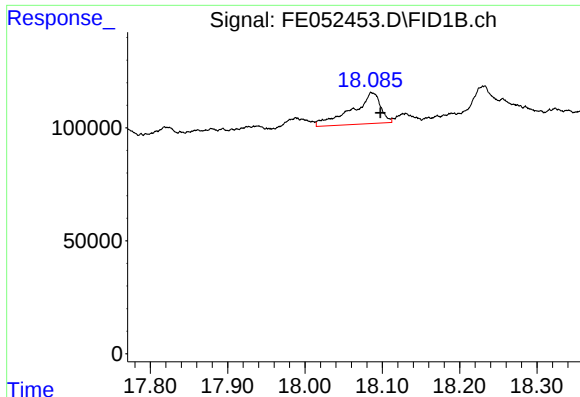
#15 n-Hexacosane (C26)

R.T.: 16.247 min
Delta R.T.: -0.007 min
Response: 191307
Conc: 1.24 ug/ml



#16 n-Octacosane (C28)

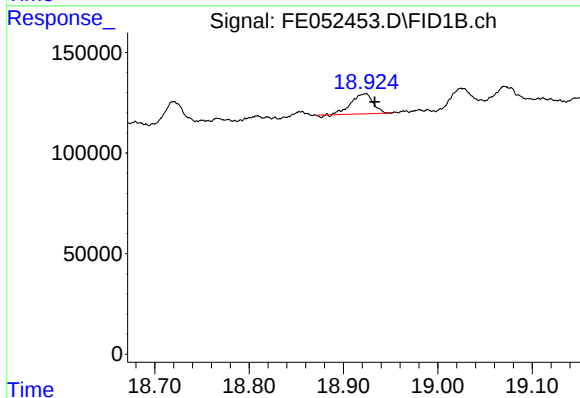
R.T.: 17.197 min
Delta R.T.: -0.010 min
Response: 275818
Conc: 1.80 ug/ml



#17 n-Tricontane (C30)

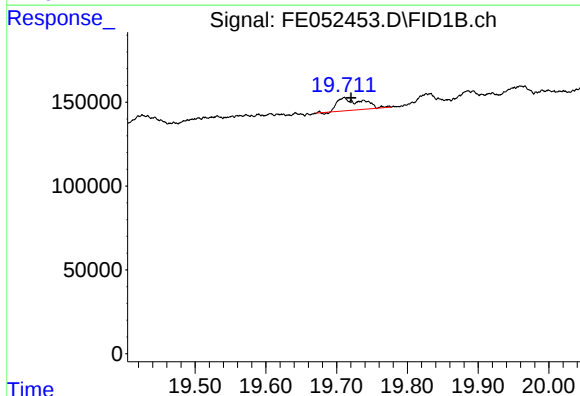
R.T.: 18.087 min
Delta R.T.: -0.010 min
Response: 352575
Conc: 2.26 ug/ml

Instrument :
FID_E
ClientSampleId :



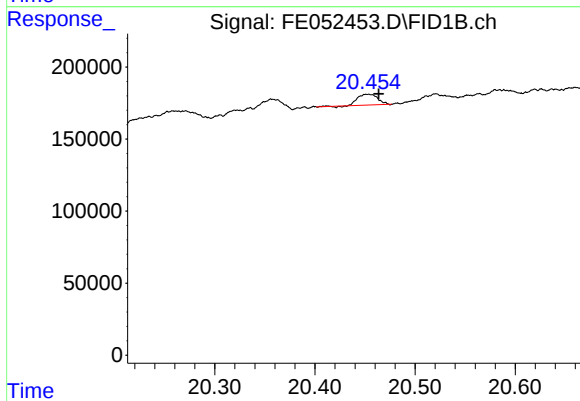
#18 n-Dotriacontane (C32)

R.T.: 18.922 min
Delta R.T.: -0.011 min
Response: 160973
Conc: 1.05 ug/ml



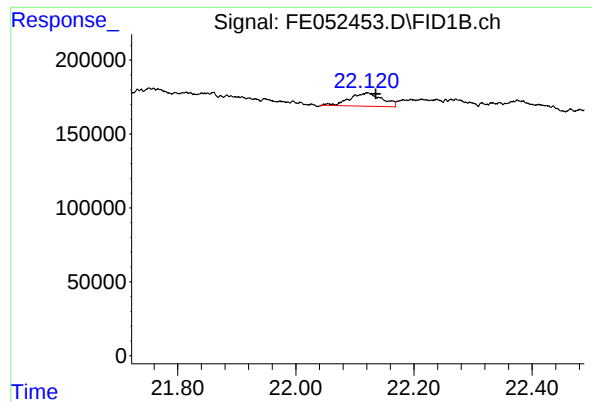
#19 n-Tetratriacontane (C34)

R.T.: 19.710 min
Delta R.T.: -0.011 min
Response: 183319
Conc: 1.29 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.453 min
Delta R.T.: -0.010 min
Response: 101566
Conc: 0.81 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.121 min
Delta R.T.: -0.014 min
Response: 338283
Conc: 3.36 ug/ml

Instrument :

FID_E

ClientSampleId :