

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041025AL\
 Data File : FE053307.D
 Signal(s) : FID1B.ch
 Acq On : 10 Apr 2025 16:33
 Operator : YP\AJ
 Sample : Q1771-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 11 02:09:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:44:53 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)	11.886	4213362	25.867 ug/ml
Spiked Amount 50.000		Recovery =	51.73%
12) S 1-chlorooctadecane (S...	13.329	5596536	46.621 ug/ml
Spiked Amount 50.000		Recovery =	93.24%
Target Compounds			
2) T n-Decane (C10)	4.493	160192	1.021 ug/ml
4) T n-Dodecane (C12)	6.673	580021	3.709 ug/ml
5) T A~2-methylnaphthalene...	7.311	271589	1.702 ug/ml
6) T n-Tetradecane (C14)	8.509	938876	6.132 ug/ml
7) T n-Hexadecane (C16)	10.122	946138	6.138 ug/ml
8) T n-Octadecane (C18)	11.569	733603	4.837 ug/ml
10) T n-Eicosane (C20)	12.883	556240	3.901 ug/ml
11) T n-Heneicosane (C21)	13.497	335338	2.417 ug/ml
13) T n-Docosane (C22)	14.085	302256	2.207 ug/ml
14) T n-Tetracosane (C24)	15.188	261957	1.940 ug/ml
15) T n-Hexacosane (C26)	16.217	184011	1.379 ug/ml
16) T n-Octacosane (C28)	17.179	272373	2.064 ug/ml
17) T n-Tricontane (C30)	18.054	291488	2.151 ug/ml
18) T n-Dotriacontane (C32)	18.892	361572	2.687 ug/ml
19) T n-Tetratriacontane (C34)	19.700	385780	2.981 ug/ml
20) T n-Hexatriacontane (C36)	20.421	144772	1.219 ug/ml

(f)=RT Delta > 1/2 Window

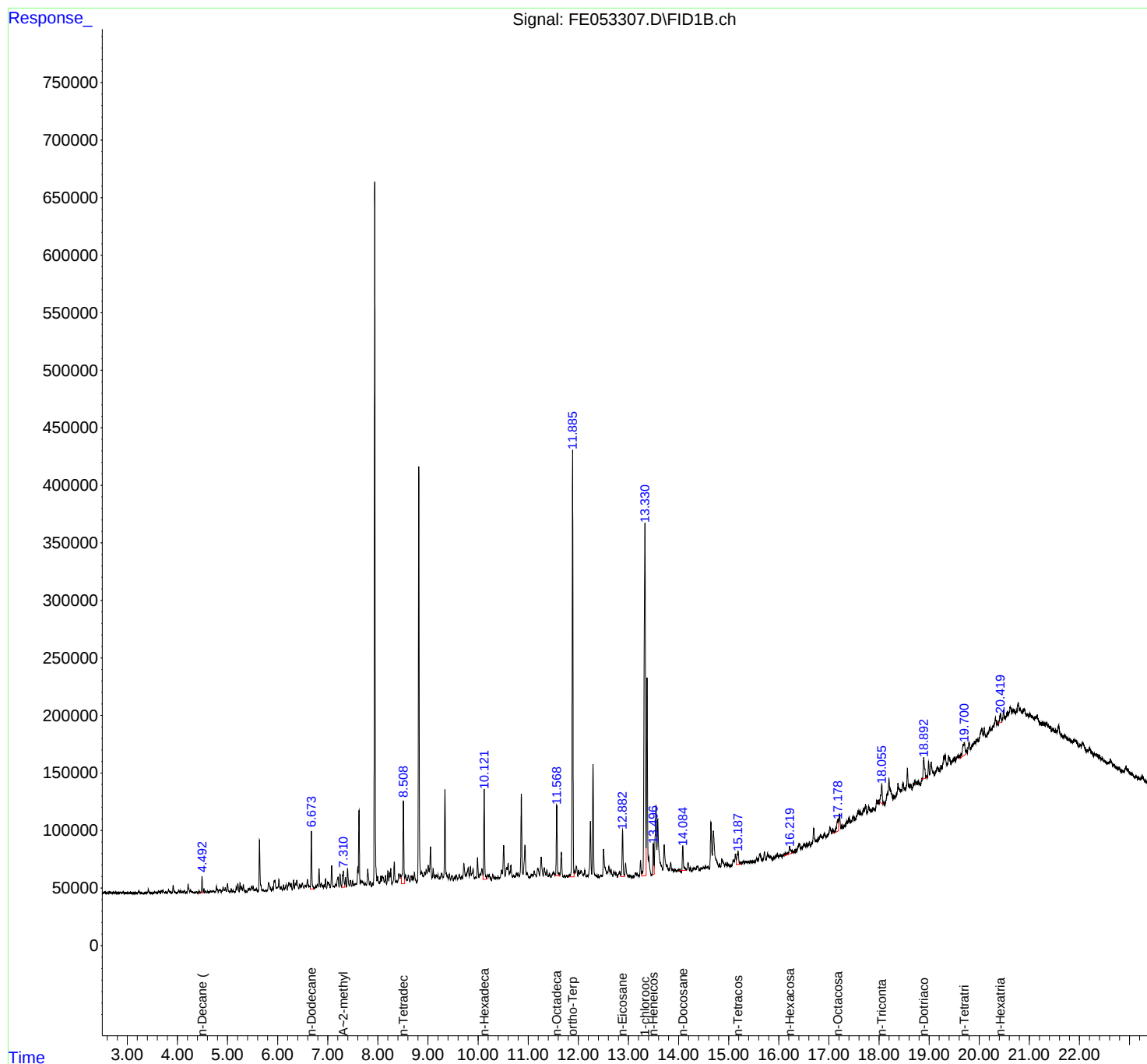
(m)=manual int.

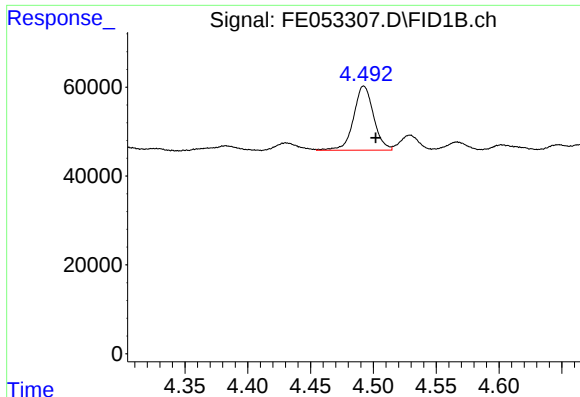
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041025AL\
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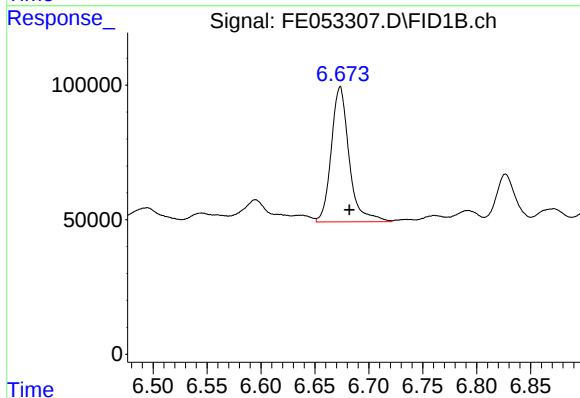




#2 n-Decane (C10)

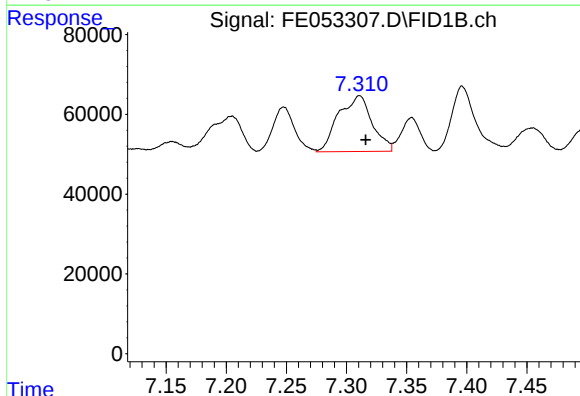
R.T.: 4.493 min
Delta R.T.: -0.009 min
Response: 160192
Conc: 1.02 ug/ml

Instrument :
FID_E
ClientSampleId :



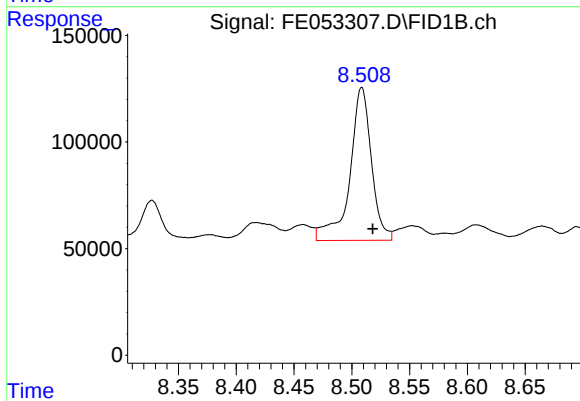
#4 n-Dodecane (C12)

R.T.: 6.673 min
Delta R.T.: -0.009 min
Response: 580021
Conc: 3.71 ug/ml



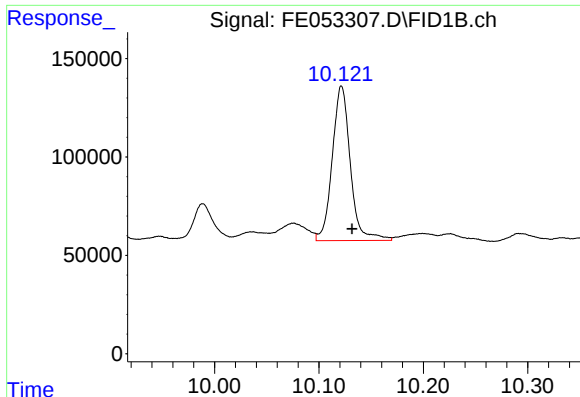
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.311 min
Delta R.T.: -0.006 min
Response: 271589
Conc: 1.70 ug/ml



#6 n-Tetradecane (C14)

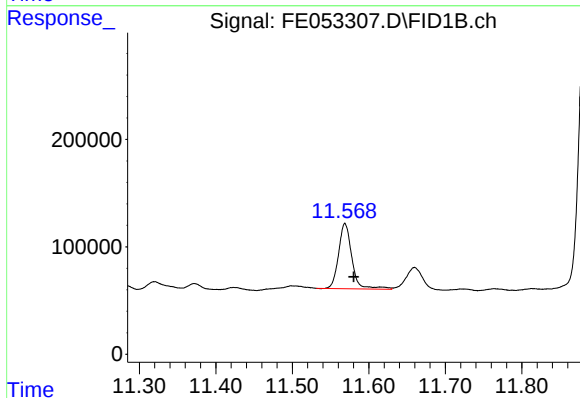
R.T.: 8.509 min
Delta R.T.: -0.009 min
Response: 938876
Conc: 6.13 ug/ml



#7 n-Hexadecane (C16)

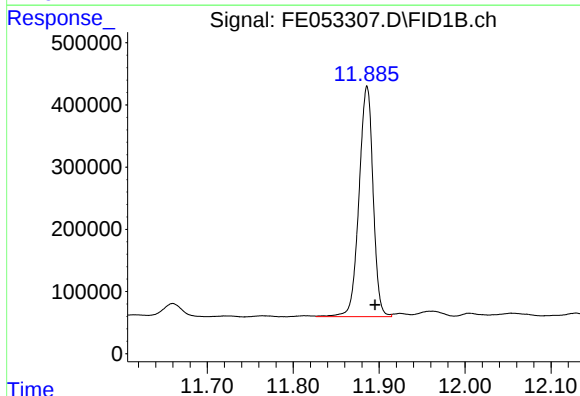
R.T.: 10.122 min
Delta R.T.: -0.010 min
Response: 946138
Conc: 6.14 ug/ml

Instrument :
FID_E
ClientSampleId :



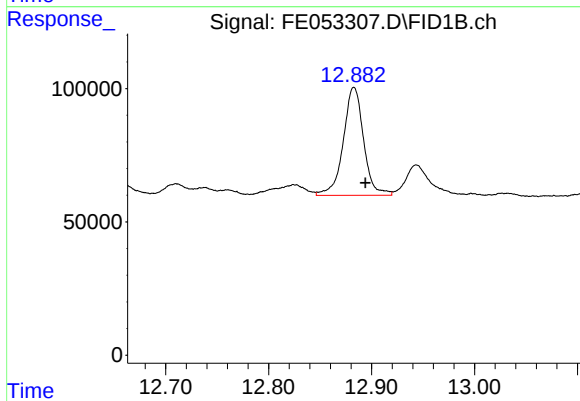
#8 n-Octadecane (C18)

R.T.: 11.569 min
Delta R.T.: -0.011 min
Response: 733603
Conc: 4.84 ug/ml



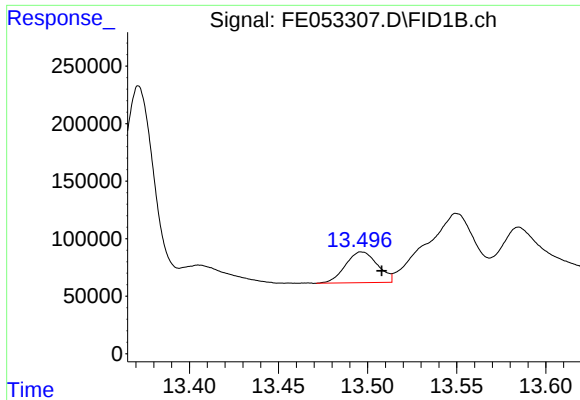
#9 ortho-Terphenyl (SURR)

R.T.: 11.886 min
Delta R.T.: -0.009 min
Response: 4213362
Conc: 25.87 ug/ml



#10 n-Eicosane (C20)

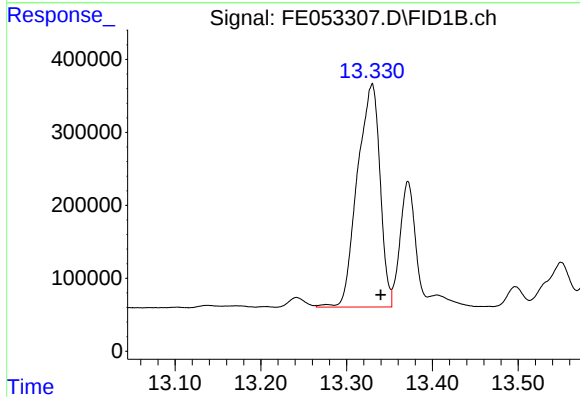
R.T.: 12.883 min
Delta R.T.: -0.011 min
Response: 556240
Conc: 3.90 ug/ml



#11 n-Heneicosane (C21)

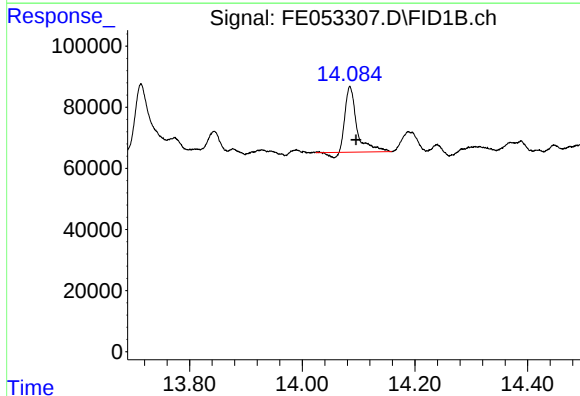
R.T.: 13.497 min
Delta R.T.: -0.011 min
Response: 335338
Conc: 2.42 ug/ml

Instrument :
FID_E
ClientSampleId :



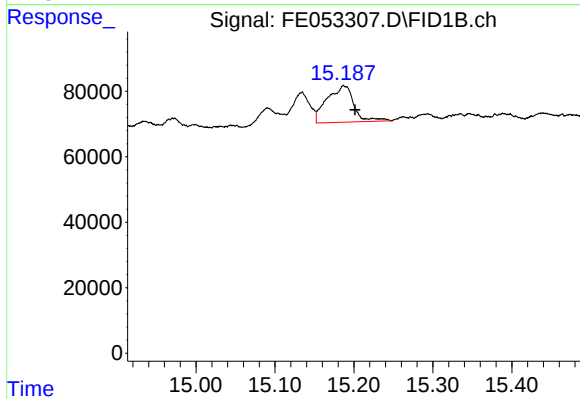
#12 1-chlorooctadecane (SURR)

R.T.: 13.329 min
Delta R.T.: -0.010 min
Response: 5596536
Conc: 46.62 ug/ml



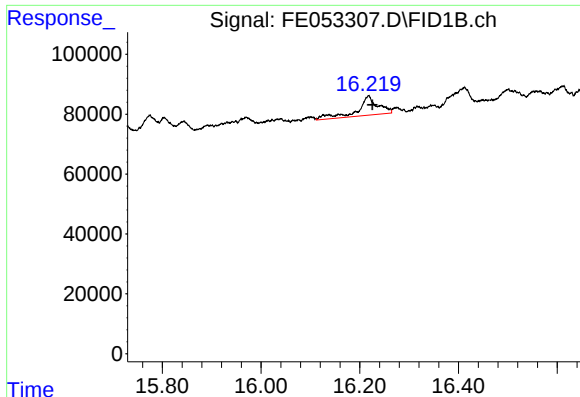
#13 n-Docosane (C22)

R.T.: 14.085 min
Delta R.T.: -0.011 min
Response: 302256
Conc: 2.21 ug/ml



#14 n-Tetracosane (C24)

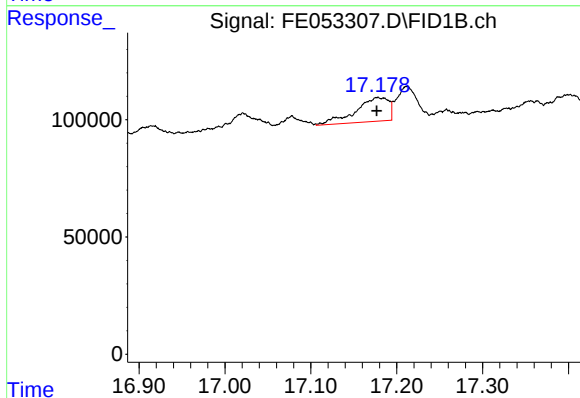
R.T.: 15.188 min
Delta R.T.: -0.013 min
Response: 261957
Conc: 1.94 ug/ml



#15 n-Hexacosane (C26)

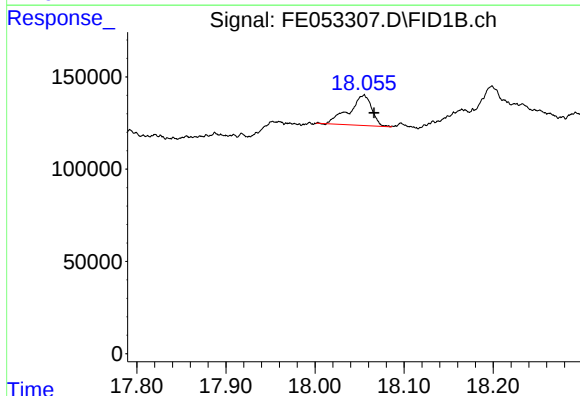
R.T.: 16.217 min
Delta R.T.: -0.008 min
Response: 184011
Conc: 1.38 ug/ml

Instrument :
FID_E
ClientSampleId :



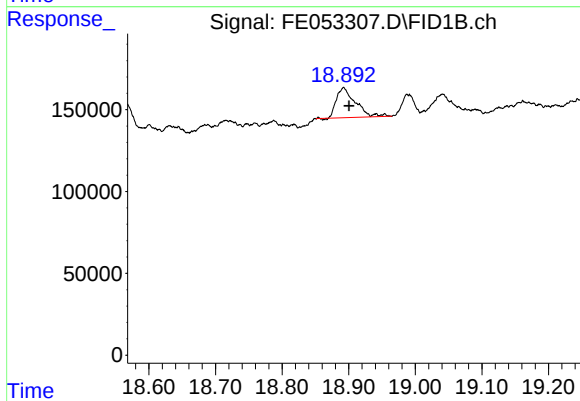
#16 n-Octacosane (C28)

R.T.: 17.179 min
Delta R.T.: 0.002 min
Response: 272373
Conc: 2.06 ug/ml



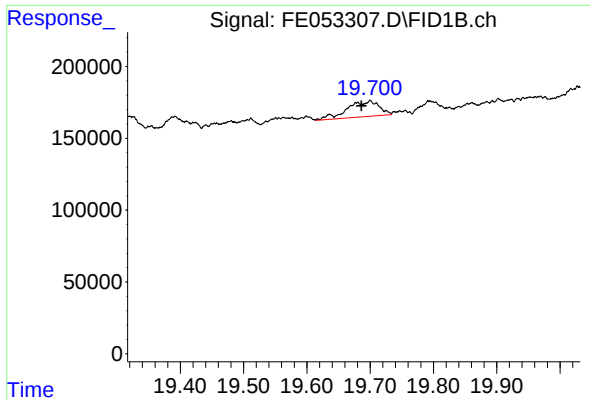
#17 n-Tricontane (C30)

R.T.: 18.054 min
Delta R.T.: -0.012 min
Response: 291488
Conc: 2.15 ug/ml



#18 n-Dotriacontane (C32)

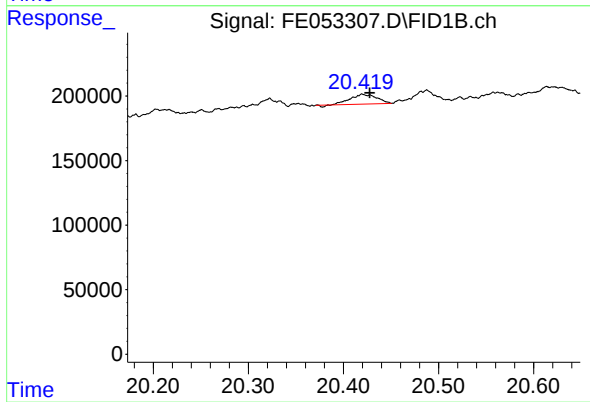
R.T.: 18.892 min
Delta R.T.: -0.008 min
Response: 361572
Conc: 2.69 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.700 min
Delta R.T.: 0.014 min
Response: 385780
Conc: 2.98 ug/ml

Instrument :
FID_E
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.421 min
Delta R.T.: -0.006 min
Response: 144772
Conc: 1.22 ug/ml