

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032123AL\
 Data File : FE040925.D
 Signal(s) : FID1B.ch
 Acq On : 21 Mar 2023 22:30
 Operator : YP\AJ
 Sample : 02020-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 22 01:55:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022823.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 28 03:05:09 2023
 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)	11.870	8418613	45.065 ug/ml
Spiked Amount 50.000		Recovery =	90.13%
12) S 1-chlorooctadecane (S...	13.309	6644730	44.895 ug/ml
Spiked Amount 50.000		Recovery =	89.79%
Target Compounds			
6) T n-Tetradecane (C14)	8.502	61367	0.397 ug/ml
7) T n-Hexadecane (C16)	10.128	130436	0.808 ug/ml
8) T n-Octadecane (C18)	11.551	52790	0.311 ug/ml
10) T n-Eicosane (C20)	12.860	164238	0.971 ug/ml
11) T n-Heneicosane (C21)	13.466	121904	0.711 ug/ml
13) T n-Docosane (C22)	14.060	59034	0.345 ug/ml
14) T n-Tetracosane (C24)	15.160	274910	1.595 ug/ml
15) T n-Hexacosane (C26)	16.183	82115	0.483 ug/ml
16) T n-Octacosane (C28)	17.135	179053	1.068 ug/ml
17) T n-Tricontane (C30)	18.027	2635685	16.142 ug/ml
18) T n-Dotriacontane (C32)	18.877	3422439	19.997 ug/ml
19) T n-Tetratriacontane (C34)	19.643	429944	2.781 ug/ml
20) T n-Hexatriacontane (C36)	20.431	4765090	32.799 ug/ml
21) T n-Octatriacontane (C38)	21.111	104169	0.758 ug/ml
22) T n-Tetracontane (C40)	22.052	17869534	115.645 ug/ml

(f)=RT Delta > 1/2 Window

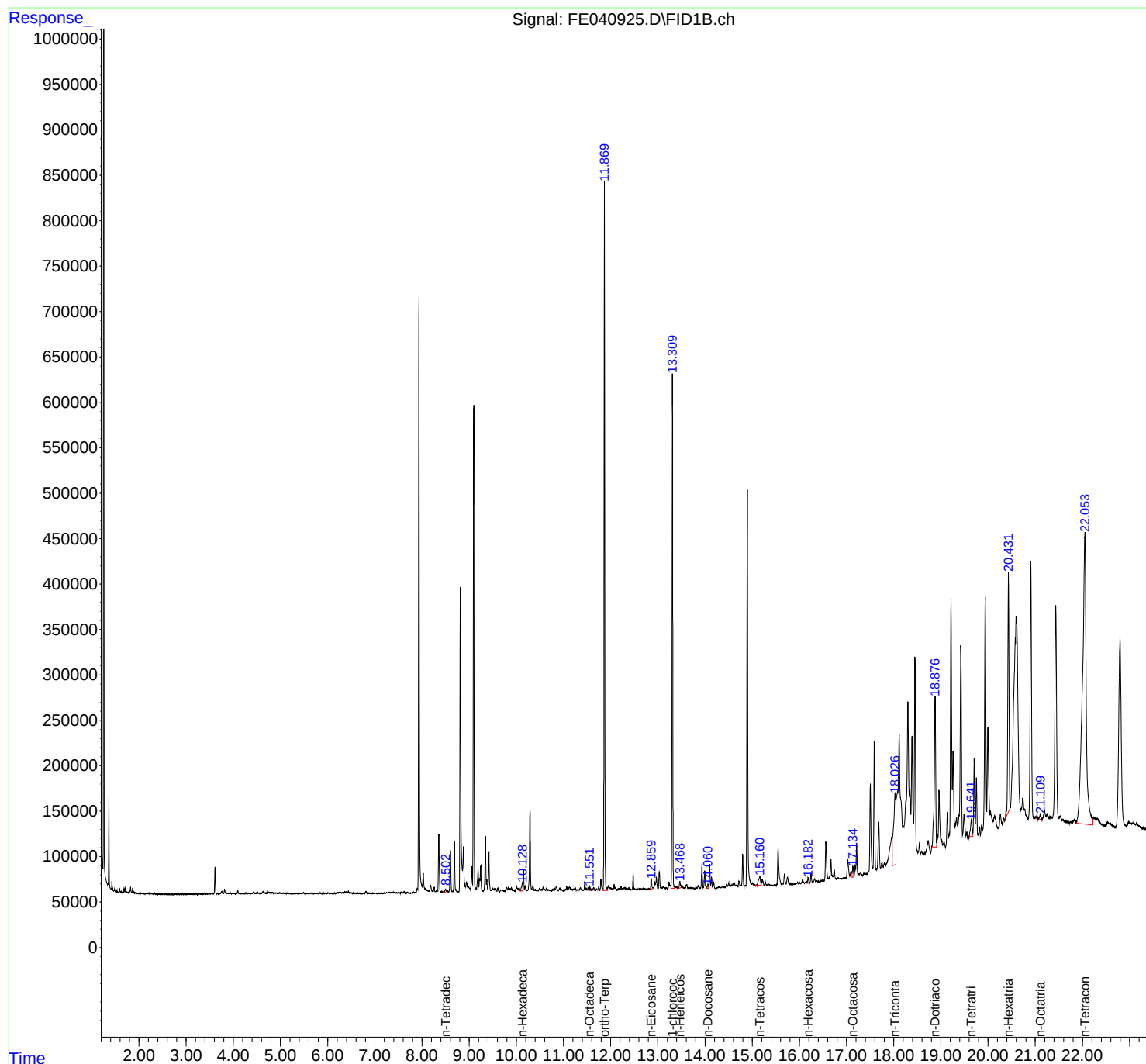
(m)=manual int.

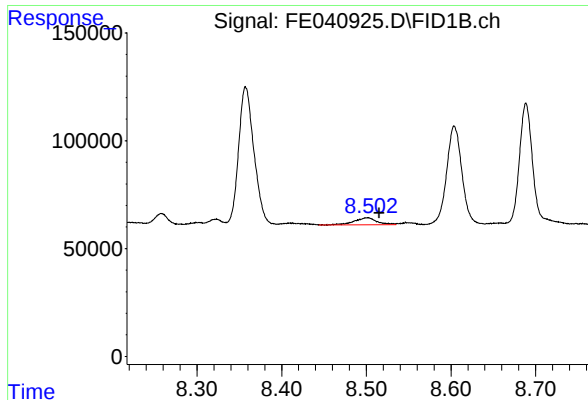
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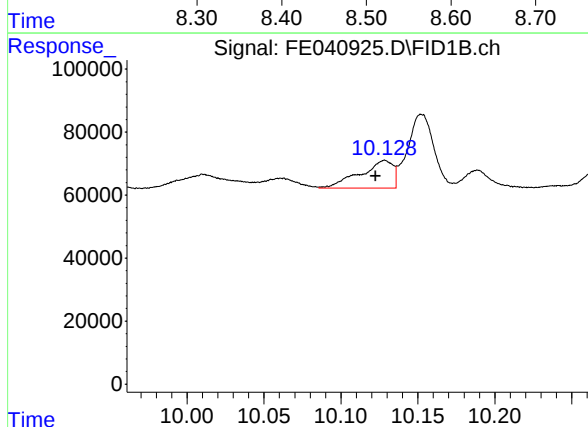




#6 n-Tetradecane (C14)

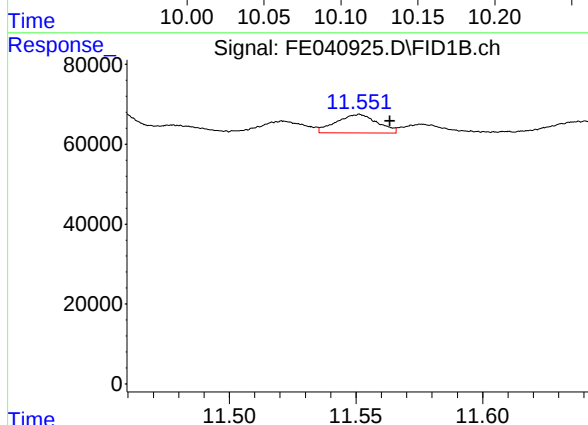
R.T.: 8.502 min
Delta R.T.: -0.014 min
Response: 61367
Conc: 0.40 ug/ml

Instrument :
FID_E
ClientSampleId :



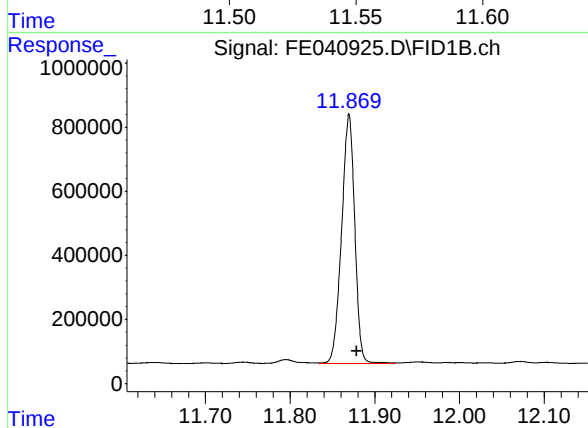
#7 n-Hexadecane (C16)

R.T.: 10.128 min
Delta R.T.: 0.006 min
Response: 130436
Conc: 0.81 ug/ml



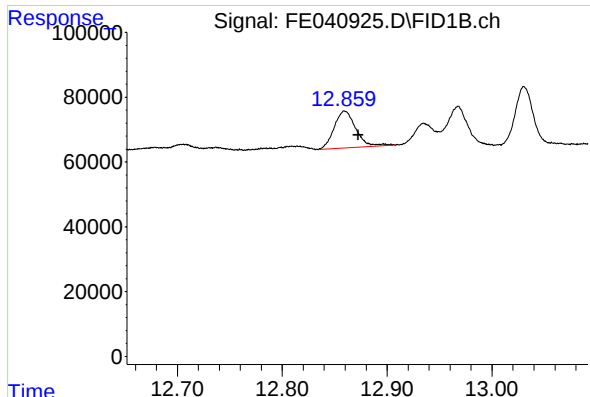
#8 n-Octadecane (C18)

R.T.: 11.551 min
Delta R.T.: -0.012 min
Response: 52790
Conc: 0.31 ug/ml



#9 ortho-Terphenyl (SURR)

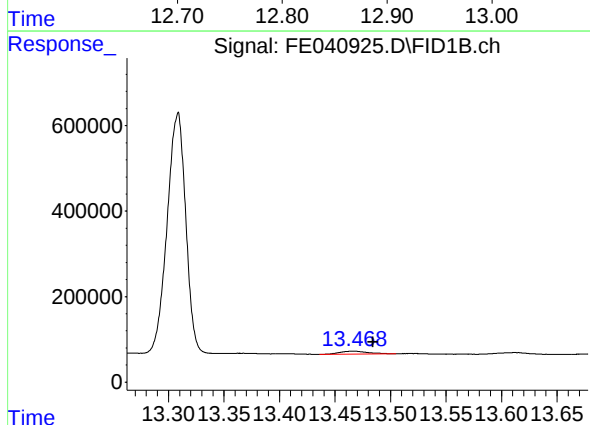
R.T.: 11.870 min
Delta R.T.: -0.009 min
Response: 8418613
Conc: 45.06 ug/ml



#10 n-Eicosane (C20)

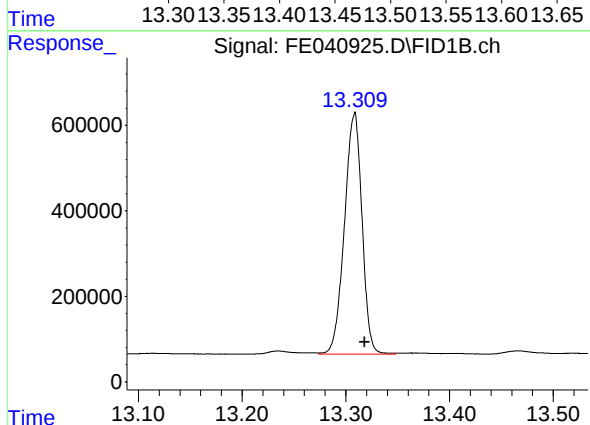
R.T.: 12.860 min
Delta R.T.: -0.013 min
Response: 164238
Conc: 0.97 ug/ml

Instrument :
FID_E
ClientSampleId :



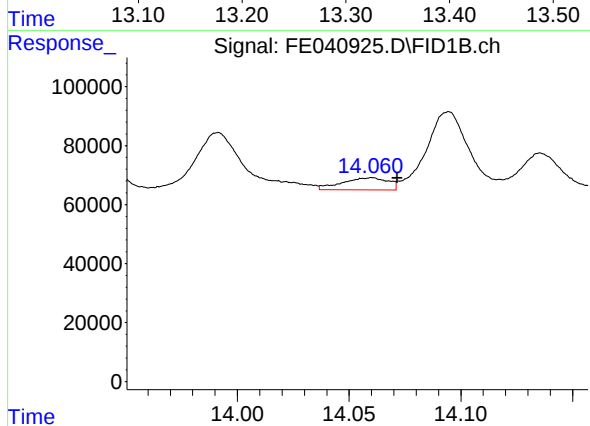
#11 n-Heneicosane (C21)

R.T.: 13.466 min
Delta R.T.: -0.018 min
Response: 121904
Conc: 0.71 ug/ml



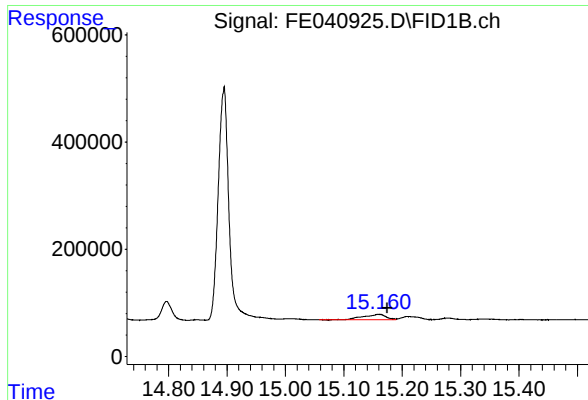
#12 1-chlorooctadecane (SURR)

R.T.: 13.309 min
Delta R.T.: -0.010 min
Response: 6644730
Conc: 44.90 ug/ml



#13 n-Docosane (C22)

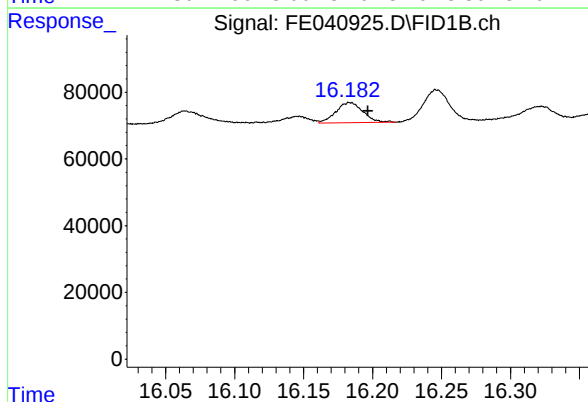
R.T.: 14.060 min
Delta R.T.: -0.012 min
Response: 59034
Conc: 0.34 ug/ml



#14 n-Tetracosane (C24)

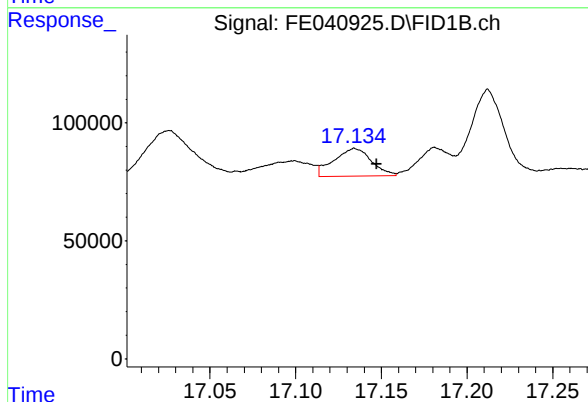
R.T.: 15.160 min
Delta R.T.: -0.014 min
Response: 274910
Conc: 1.59 ug/ml

Instrument :
FID_E
ClientSampleId :



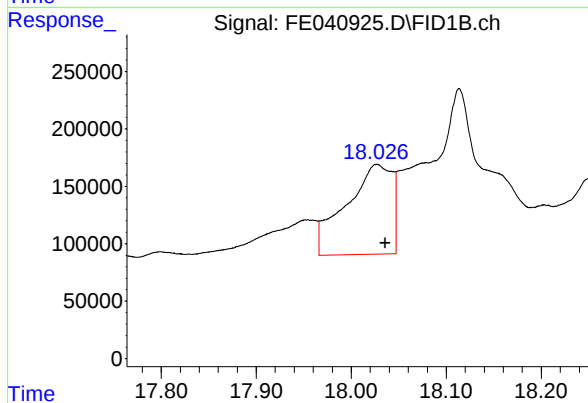
#15 n-Hexacosane (C26)

R.T.: 16.183 min
Delta R.T.: -0.013 min
Response: 82115
Conc: 0.48 ug/ml



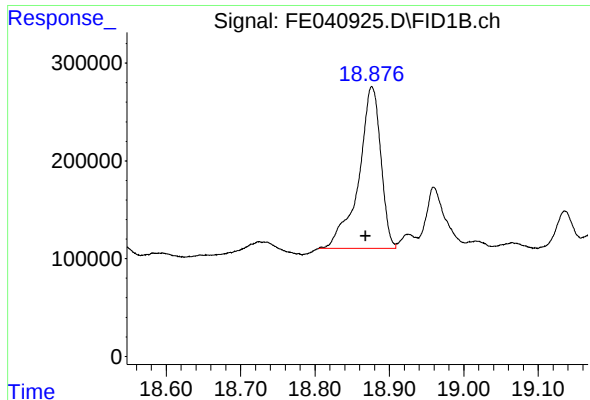
#16 n-Octacosane (C28)

R.T.: 17.135 min
Delta R.T.: -0.013 min
Response: 179053
Conc: 1.07 ug/ml



#17 n-Tricontane (C30)

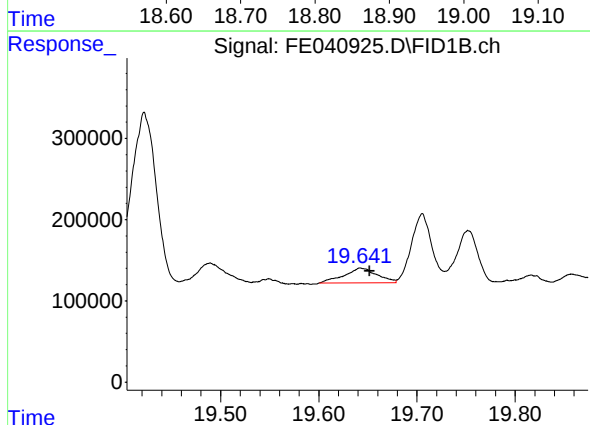
R.T.: 18.027 min
Delta R.T.: -0.009 min
Response: 2635685
Conc: 16.14 ug/ml



#18 n-Dotriacontane (C32)

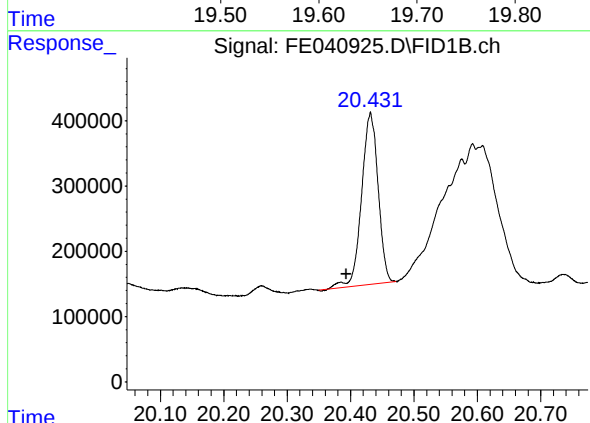
R.T.: 18.877 min
Delta R.T.: 0.008 min
Response: 3422439
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :



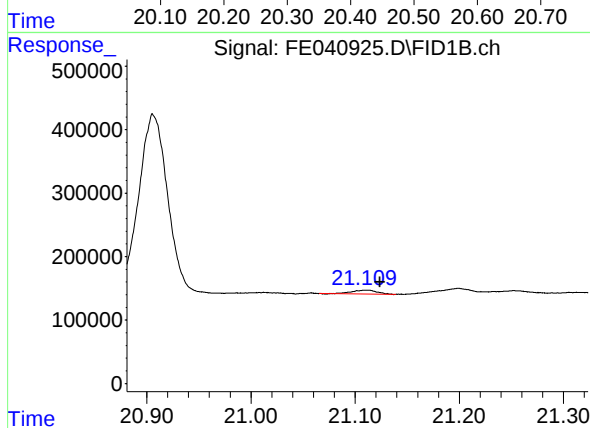
#19 n-Tetratriacontane (C34)

R.T.: 19.643 min
Delta R.T.: -0.009 min
Response: 429944
Conc: 2.78 ug/ml



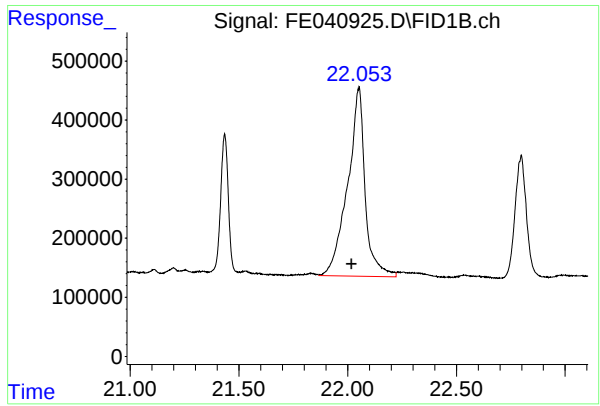
#20 n-Hexatriacontane (C36)

R.T.: 20.431 min
Delta R.T.: 0.038 min
Response: 4765090
Conc: 32.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.111 min
Delta R.T.: -0.013 min
Response: 104169
Conc: 0.76 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.052 min
Delta R.T.: 0.034 min
Response: 17869534
Conc: 115.64 ug/ml

Instrument :
FID_E
ClientSampleId :