

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041323AL\
 Data File : FE041347.D
 Signal(s) : FID1B.ch
 Acq On : 13 Apr 2023 17:22
 Operator : YP\AJ
 Sample : 02307-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 14 01:05:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 25 06:32:15 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)	11.838	4835900	25.731 ug/ml
Spiked Amount 50.000		Recovery =	51.46%
12) S 1-chlorooctadecane (S...	13.320	88799	0.617 ug/ml
Spiked Amount 50.000		Recovery =	1.23%
Target Compounds			
6) T n-Tetradecane (C14)	8.474	29546	0.169 ug/ml
7) T n-Hexadecane (C16)	10.079	57201	0.322 ug/ml
8) T n-Octadecane (C18)	11.522	94600	0.530 ug/ml
10) T n-Eicosane (C20)	12.831	85427	0.501 ug/ml
11) T n-Heneicosane (C21)	13.444	59963	0.354 ug/ml
13) T n-Docosane (C22)	14.029	49509	0.299 ug/ml
14) T n-Tetracosane (C24)	15.181	23922	0.148 ug/ml
15) T n-Hexacosane (C26)	16.154	23042	0.149 ug/ml
16) T n-Octacosane (C28)	17.152	11742	0.077 ug/ml
17) T n-Tricontane (C30)	17.993	149092	0.975 ug/ml
18) T n-Dotriacontane (C32)	18.858	20396	0.131 ug/ml
19) T n-Tetratriacontane (C34)	19.651	40847	0.264 ug/ml
20) T n-Hexatriacontane (C36)	20.364	145882	0.960 ug/ml
21) T n-Octatriacontane (C38)	21.093	21909	0.140 ug/ml
22) T n-Tetracontane (C40)	21.998	140092	0.878 ug/ml

(f)=RT Delta > 1/2 Window

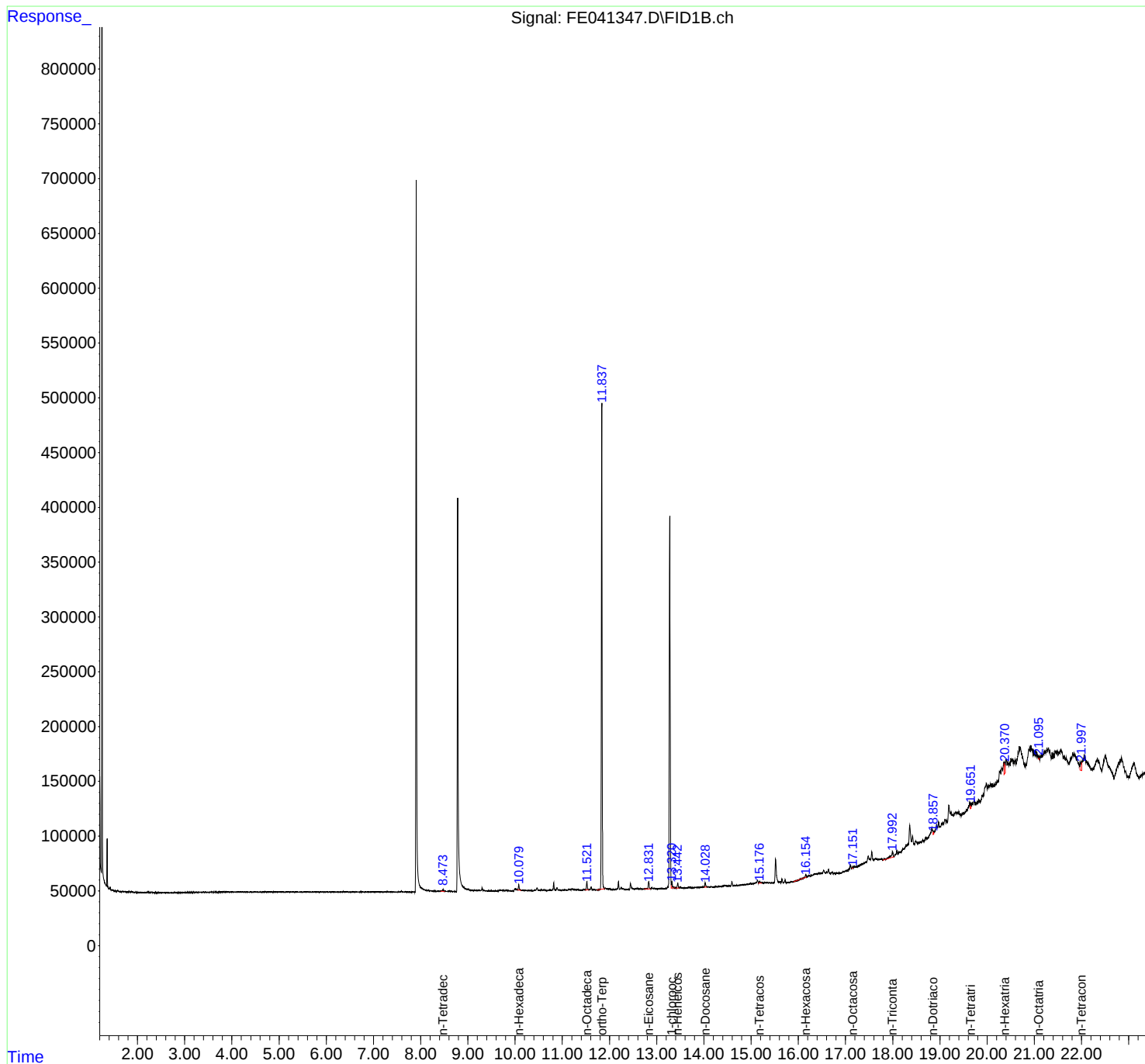
(m)=manual int.

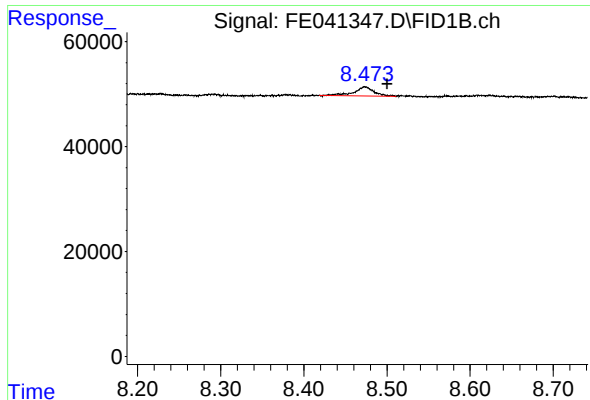
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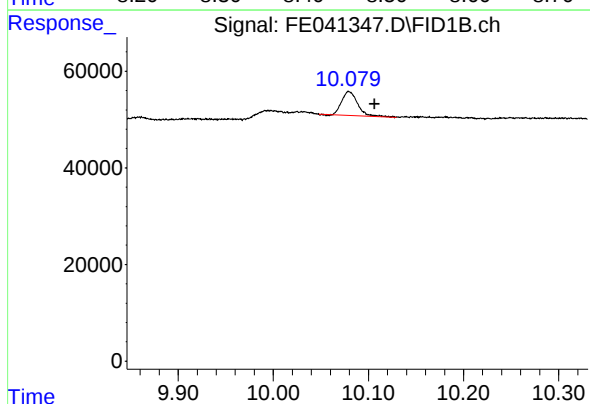




#6 n-Tetradecane (C14)

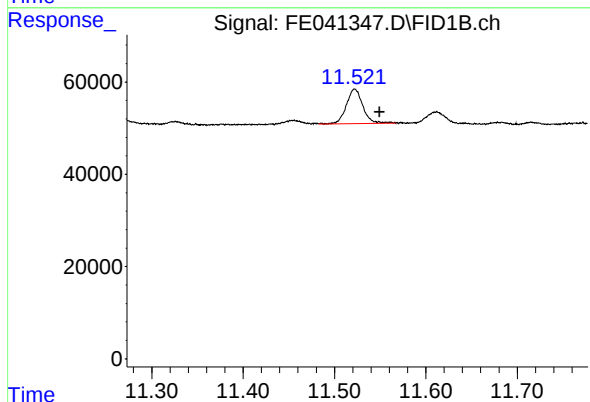
R.T.: 8.474 min
Delta R.T.: -0.027 min
Response: 29546
Conc: 0.17 ug/ml

Instrument :
FID_E
ClientSampleId :



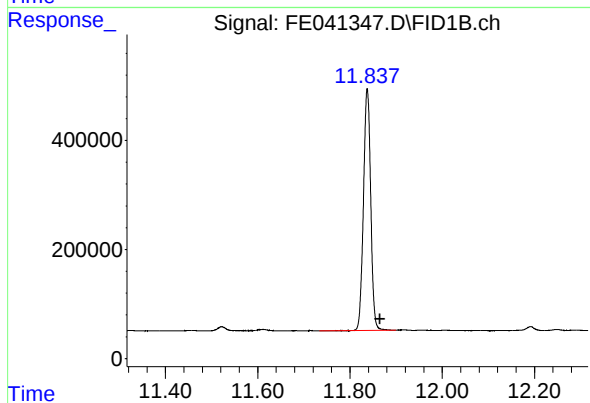
#7 n-Hexadecane (C16)

R.T.: 10.079 min
Delta R.T.: -0.027 min
Response: 57201
Conc: 0.32 ug/ml



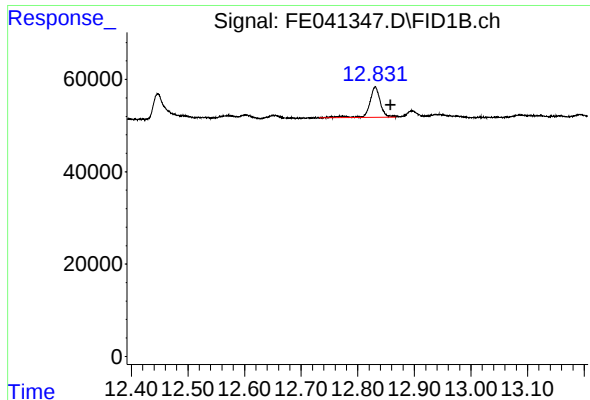
#8 n-Octadecane (C18)

R.T.: 11.522 min
Delta R.T.: -0.027 min
Response: 94600
Conc: 0.53 ug/ml



#9 ortho-Terphenyl (SURR)

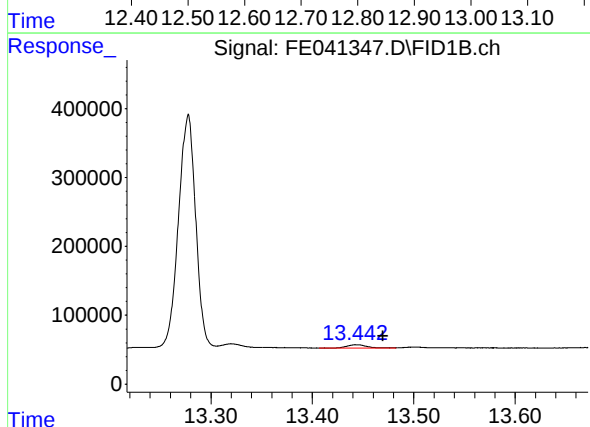
R.T.: 11.838 min
Delta R.T.: -0.027 min
Response: 4835900
Conc: 25.73 ug/ml



#10 n-Eicosane (C20)

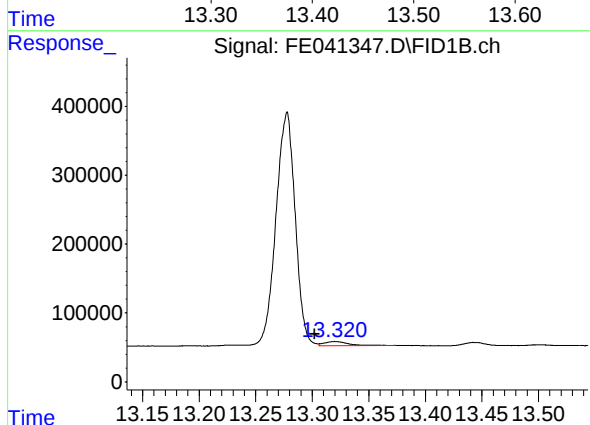
R.T.: 12.831 min
Delta R.T.: -0.027 min
Response: 85427
Conc: 0.50 ug/ml

Instrument :
FID_E
ClientSampleId :



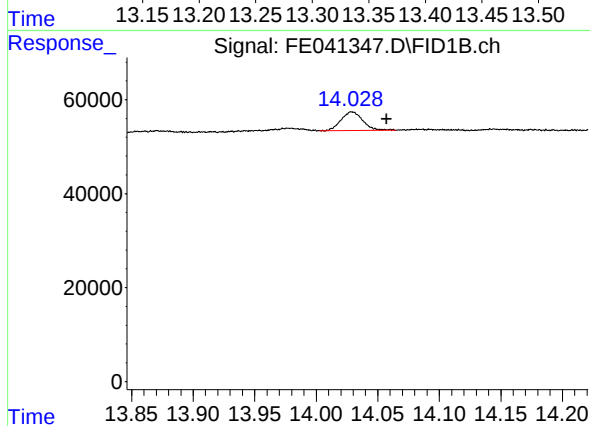
#11 n-Heneicosane (C21)

R.T.: 13.444 min
Delta R.T.: -0.026 min
Response: 59963
Conc: 0.35 ug/ml



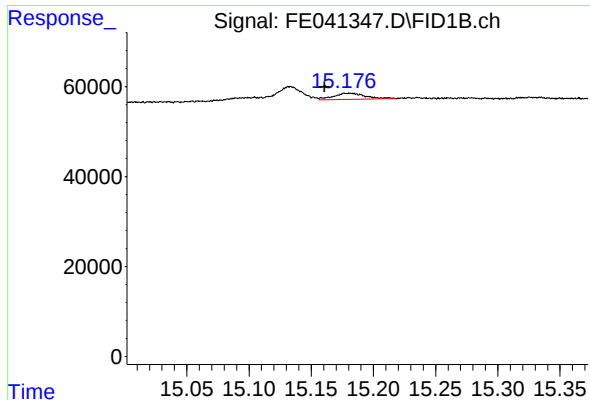
#12 1-chlorooctadecane (SURR)

R.T.: 13.320 min
Delta R.T.: 0.018 min
Response: 88799
Conc: 0.62 ug/ml



#13 n-Docosane (C22)

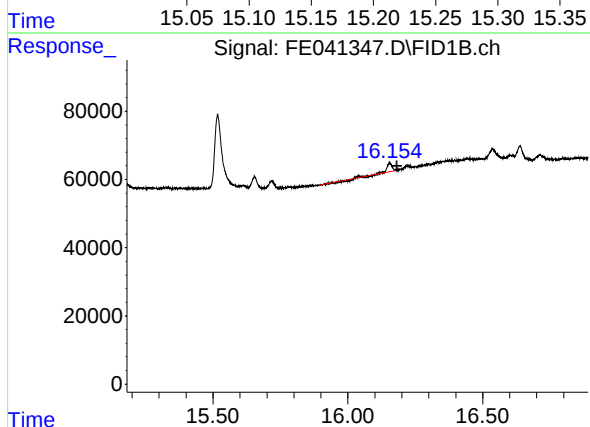
R.T.: 14.029 min
Delta R.T.: -0.028 min
Response: 49509
Conc: 0.30 ug/ml



#14 n-Tetracosane (C24)

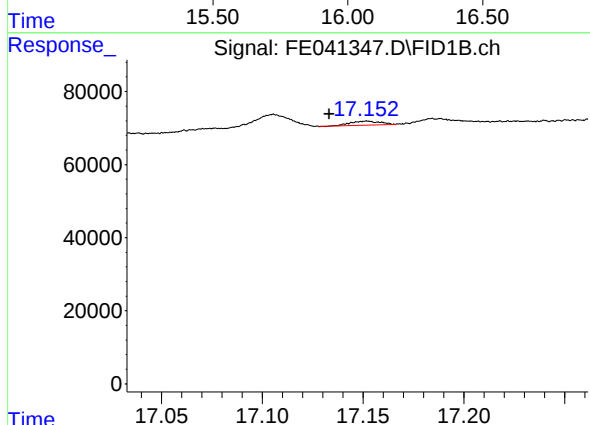
R.T.: 15.181 min
Delta R.T.: 0.020 min
Response: 23922
Conc: 0.15 ug/ml

Instrument :
FID_E
ClientSampleId :



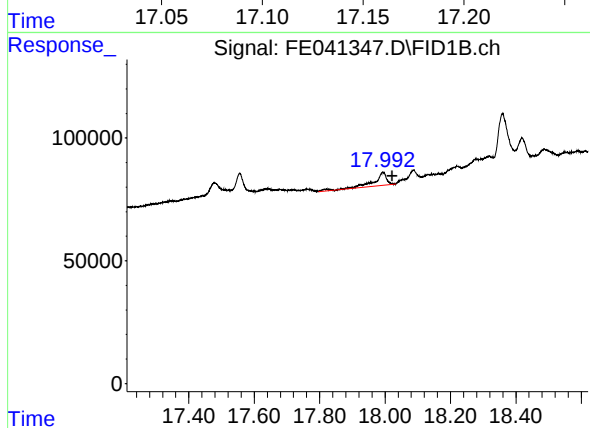
#15 n-Hexacosane (C26)

R.T.: 16.154 min
Delta R.T.: -0.028 min
Response: 23042
Conc: 0.15 ug/ml



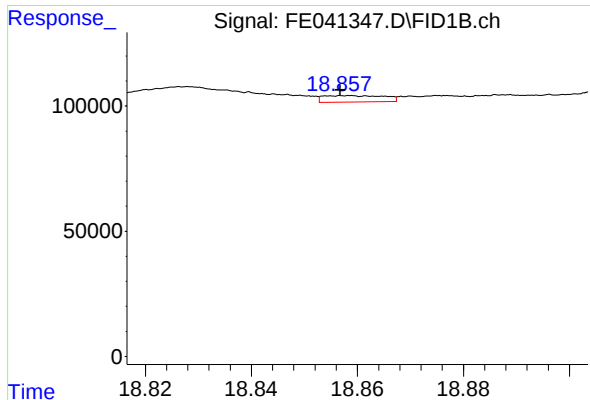
#16 n-Octacosane (C28)

R.T.: 17.152 min
Delta R.T.: 0.019 min
Response: 11742
Conc: 0.08 ug/ml



#17 n-Tricontane (C30)

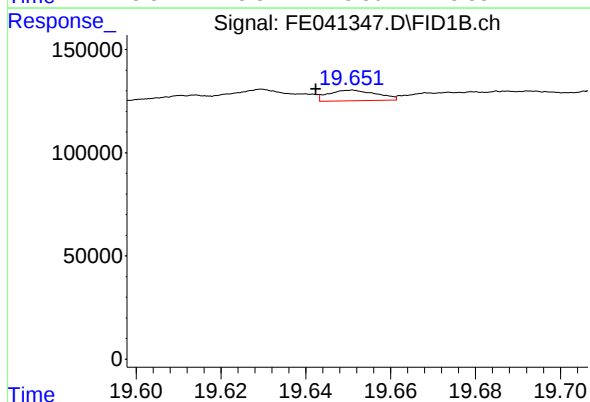
R.T.: 17.993 min
Delta R.T.: -0.029 min
Response: 149092
Conc: 0.98 ug/ml



#18 n-Dotriacontane (C32)

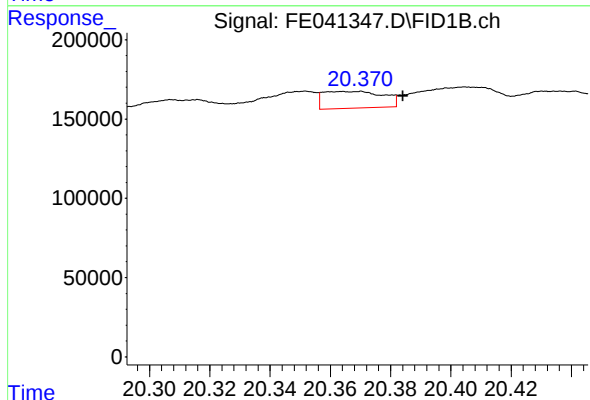
R.T.: 18.858 min
Delta R.T.: 0.001 min
Response: 20396
Conc: 0.13 ug/ml

Instrument :
FID_E
ClientSampleId :



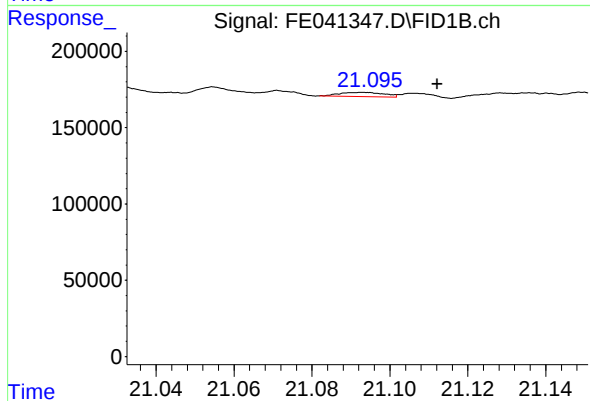
#19 n-Tetratriacontane (C34)

R.T.: 19.651 min
Delta R.T.: 0.008 min
Response: 40847
Conc: 0.26 ug/ml



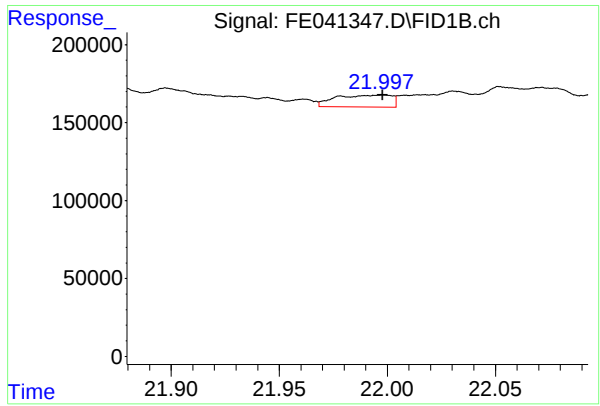
#20 n-Hexatriacontane (C36)

R.T.: 20.364 min
Delta R.T.: -0.020 min
Response: 145882
Conc: 0.96 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.093 min
Delta R.T.: -0.019 min
Response: 21909
Conc: 0.14 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.998 min
Delta R.T.: 0.000 min
Response: 140092
Conc: 0.88 ug/ml

Instrument :

FID_E

ClientSampleId :