

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080724AL\
 Data File : FE049500.D
 Signal(s) : FID1B.ch
 Acq On : 07 Aug 2024 19:26
 Operator : YP\AJ
 Sample : P3488-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 08 01:11:10 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 17 14:26:40 2024
 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)	11.890	3113641	20.075 ug/ml
Spiked Amount 50.000		Recovery =	40.15%
12) S 1-chlorooctadecane (S...	13.325	2389960	20.456 ug/ml
Spiked Amount 50.000		Recovery =	40.91%
Target Compounds			
5) T A~2-methylnaphthalene...	7.417f	81390	0.559 ug/ml
6) T n-Tetradecane (C14)	8.522	280870	1.851 ug/ml
7) T n-Hexadecane (C16)	10.129	70033	0.462 ug/ml
8) T n-Octadecane (C18)	11.571	65401	0.431 ug/ml
10) T n-Eicosane (C20)	12.878	84503	0.584 ug/ml
11) T n-Heneicosane (C21)	13.492	44389	0.313 ug/ml
13) T n-Docosane (C22)	14.077	103440	0.736 ug/ml
14) T n-Tetracosane (C24)	15.217	20147	0.144 ug/ml
15) T n-Hexacosane (C26)	16.198	254245	1.813 ug/ml
16) T n-Octacosane (C28)	17.148	265767	1.899 ug/ml
17) T n-Tricontane (C30)	18.034	291274	1.997 ug/ml
18) T n-Dotriacontane (C32)	18.867	293187	1.994 ug/ml
19) T n-Tetratriacontane (C34)	19.677	152664	1.045 ug/ml
20) T n-Hexatriacontane (C36)	20.392	102397	0.710 ug/ml
21) T n-Octatriacontane (C38)	21.123	186272	1.244 ug/ml
22) T n-Tetracontane (C40)	22.020	114864	0.761 ug/ml

(f)=RT Delta > 1/2 Window

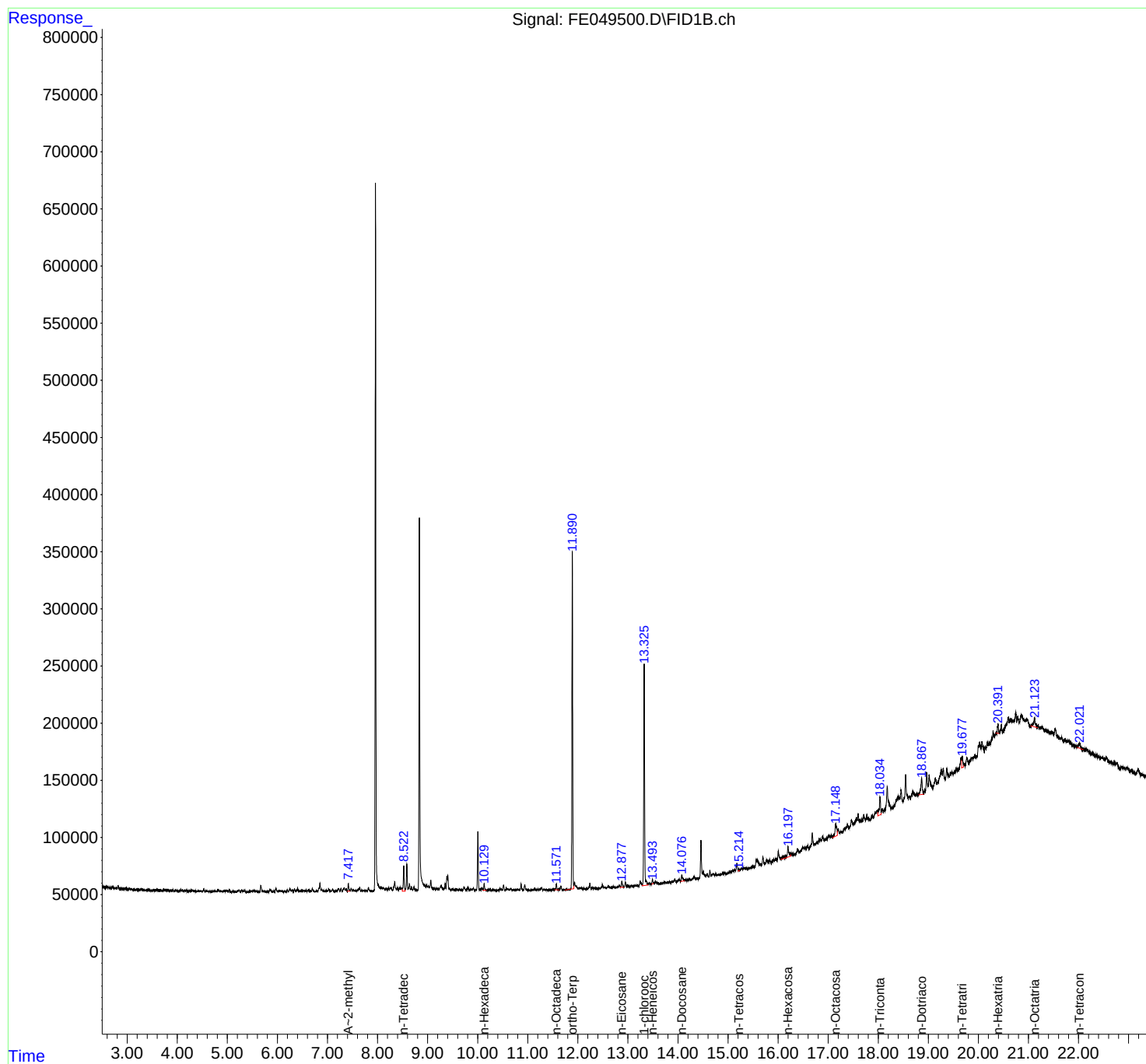
(m)=manual int.

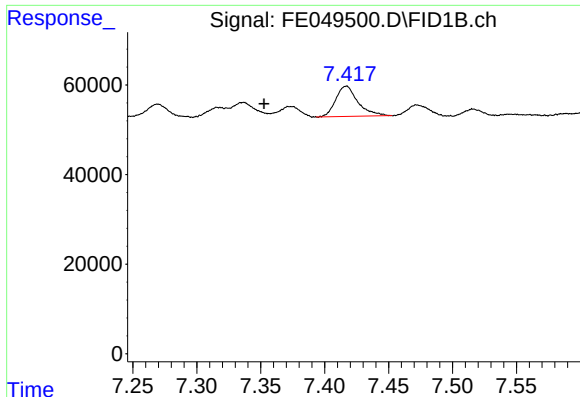
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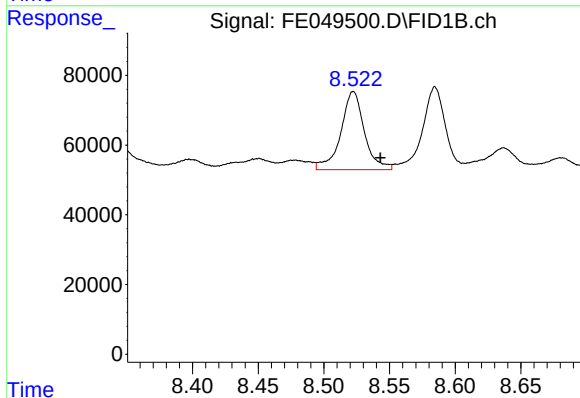




#5 A~2-methylnaphthalene (C12.89)

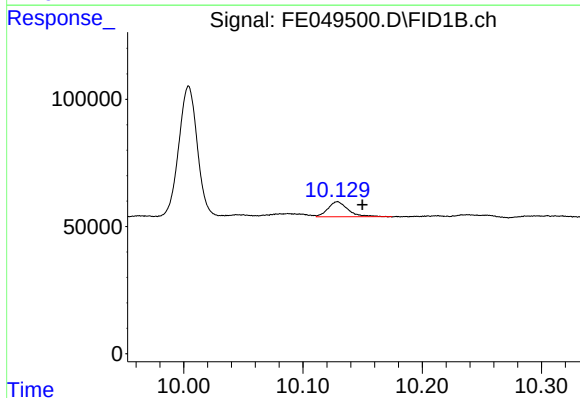
R.T.: 7.417 min
Delta R.T.: 0.064 min
Response: 81390
Conc: 0.56 ug/ml

Instrument :
FID_E
ClientSampleId :



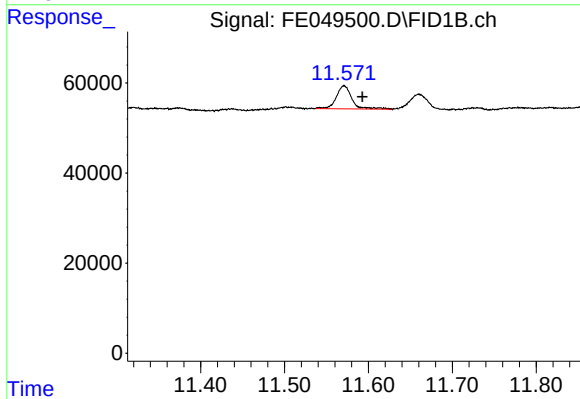
#6 n-Tetradecane (C14)

R.T.: 8.522 min
Delta R.T.: -0.021 min
Response: 280870
Conc: 1.85 ug/ml



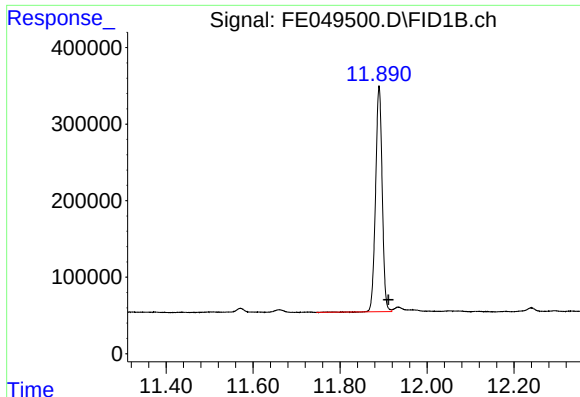
#7 n-Hexadecane (C16)

R.T.: 10.129 min
Delta R.T.: -0.021 min
Response: 70033
Conc: 0.46 ug/ml



#8 n-Octadecane (C18)

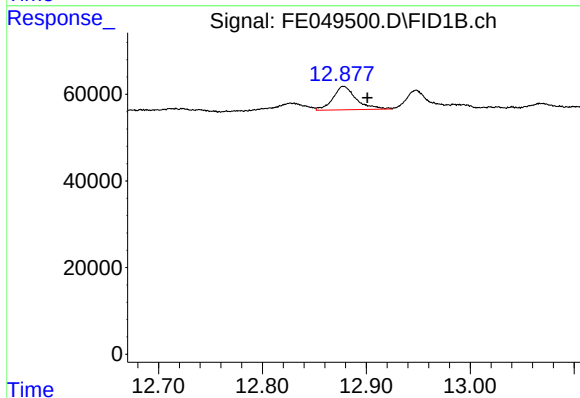
R.T.: 11.571 min
Delta R.T.: -0.022 min
Response: 65401
Conc: 0.43 ug/ml



#9 ortho-Terphenyl (SURR)

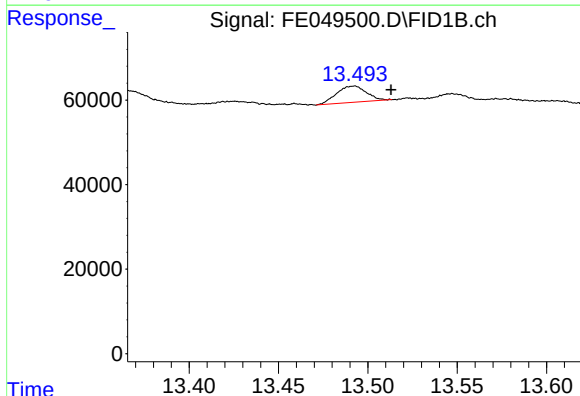
R.T.: 11.890 min
Delta R.T.: -0.021 min
Response: 3113641
Conc: 20.07 ug/ml

Instrument :
FID_E
ClientSampleId :



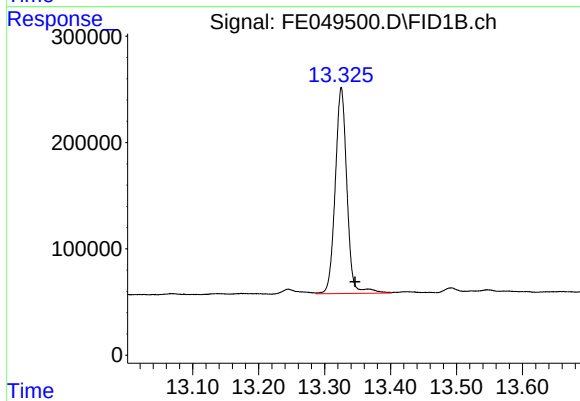
#10 n-Eicosane (C20)

R.T.: 12.878 min
Delta R.T.: -0.023 min
Response: 84503
Conc: 0.58 ug/ml



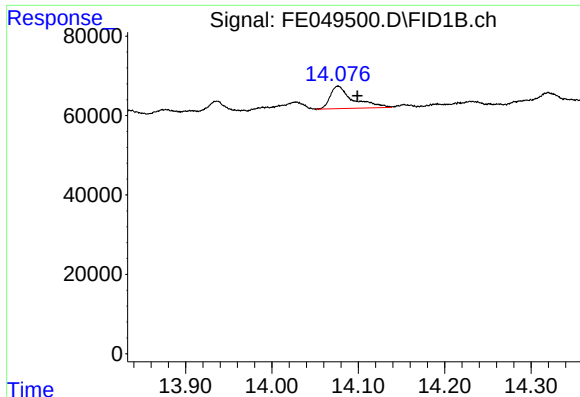
#11 n-Heneicosane (C21)

R.T.: 13.492 min
Delta R.T.: -0.021 min
Response: 44389
Conc: 0.31 ug/ml



#12 1-chlorooctadecane (SURR)

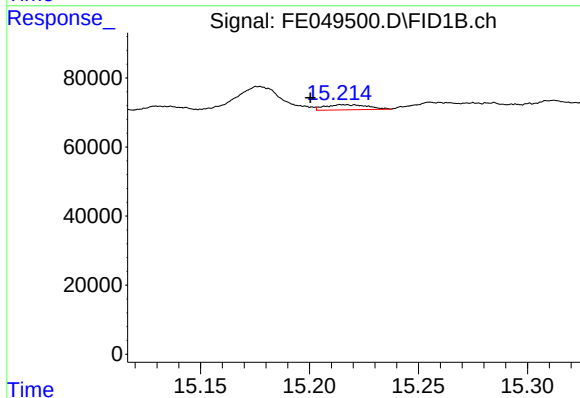
R.T.: 13.325 min
Delta R.T.: -0.021 min
Response: 2389960
Conc: 20.46 ug/ml



#13 n-Docosane (C22)

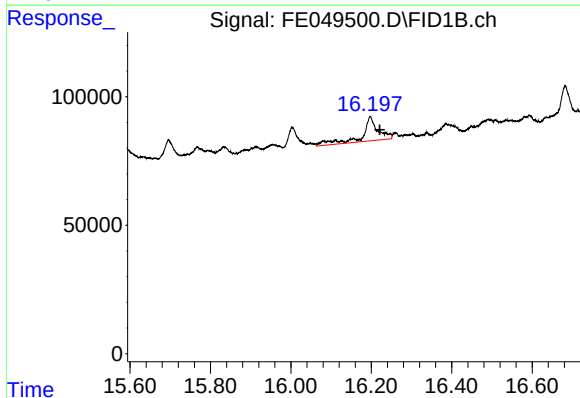
R.T.: 14.077 min
Delta R.T.: -0.022 min
Response: 103440
Conc: 0.74 ug/ml

Instrument :
FID_E
ClientSampleId :



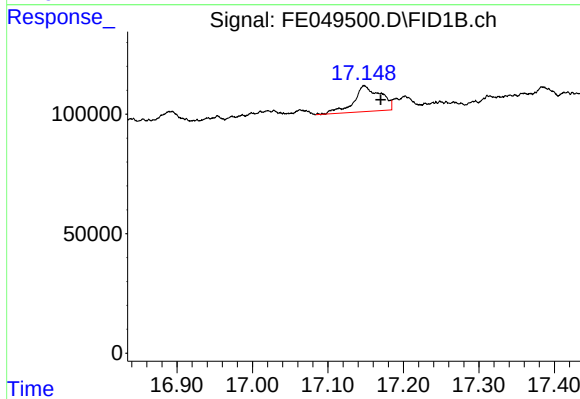
#14 n-Tetracosane (C24)

R.T.: 15.217 min
Delta R.T.: 0.016 min
Response: 20147
Conc: 0.14 ug/ml



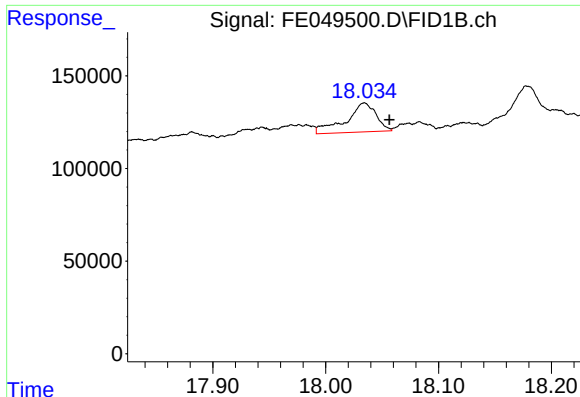
#15 n-Hexacosane (C26)

R.T.: 16.198 min
Delta R.T.: -0.023 min
Response: 254245
Conc: 1.81 ug/ml



#16 n-Octacosane (C28)

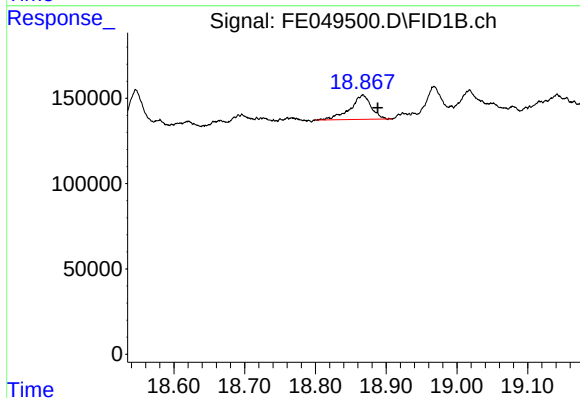
R.T.: 17.148 min
Delta R.T.: -0.021 min
Response: 265767
Conc: 1.90 ug/ml



#17 n-Tricontane (C30)

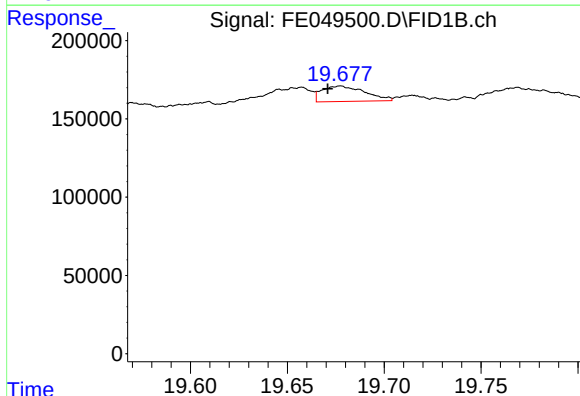
R.T.: 18.034 min
Delta R.T.: -0.022 min
Response: 291274
Conc: 2.00 ug/ml

Instrument :
FID_E
ClientSampleId :



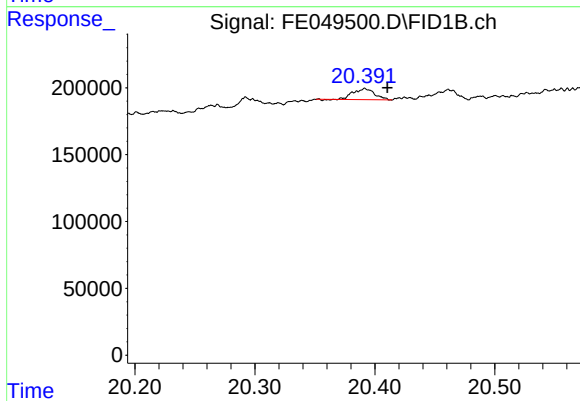
#18 n-Dotriacontane (C32)

R.T.: 18.867 min
Delta R.T.: -0.021 min
Response: 293187
Conc: 1.99 ug/ml



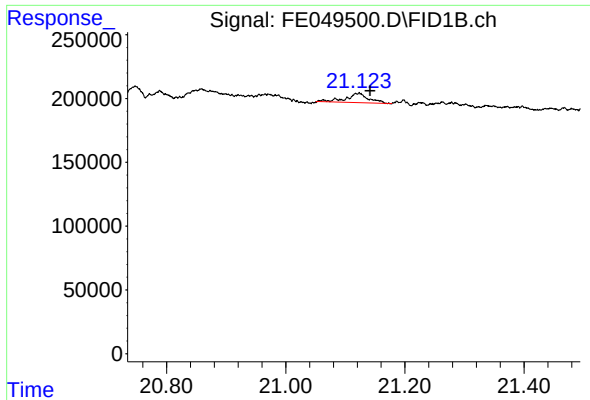
#19 n-Tetratriacontane (C34)

R.T.: 19.677 min
Delta R.T.: 0.006 min
Response: 152664
Conc: 1.05 ug/ml



#20 n-Hexatriacontane (C36)

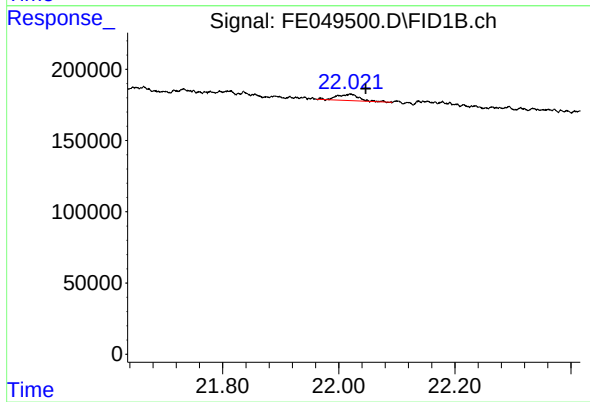
R.T.: 20.392 min
Delta R.T.: -0.019 min
Response: 102397
Conc: 0.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.123 min
Delta R.T.: -0.019 min
Response: 186272
Conc: 1.24 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.020 min
Delta R.T.: -0.027 min
Response: 114864
Conc: 0.76 ug/ml