

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101824AL\
 Data File : FE050728.D
 Signal(s) : FID1B.ch
 Acq On : 18 Oct 2024 09:43
 Operator : YP\AJ
 Sample : P4421-01DL 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 18 11:45:11 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 07 16:32:18 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)	11.866	515227	3.268 ug/ml
Spiked Amount 50.000		Recovery =	6.54%
12) S 1-chlorooctadecane (S...	13.288	3750815	31.708 ug/ml
Spiked Amount 50.000		Recovery =	63.42%
Target Compounds			
4) T n-Dodecane (C12)	6.672	210869	1.465 ug/ml
6) T n-Tetradecane (C14)	8.498	423798	2.962 ug/ml
7) T n-Hexadecane (C16)	10.104	403114	2.739 ug/ml
8) T n-Octadecane (C18)	11.545	340997	2.283 ug/ml
10) T n-Eicosane (C20)	12.854	261713	1.825 ug/ml
11) T n-Heneicosane (C21)	13.466	156457	1.114 ug/ml
13) T n-Docosane (C22)	14.052	147260	1.050 ug/ml
14) T n-Tetracosane (C24)	15.156	218161	1.544 ug/ml
16) T n-Octacosane (C28)	17.122	175590	1.200 ug/ml
17) T n-Tricontane (C30)	18.010	1122724	7.061 ug/ml
18) T n-Dotriacontane (C32)	18.843	1865601	11.508 ug/ml
19) T n-Tetratriacontane (C34)	19.625	2176317	14.816 ug/ml
20) T n-Hexatriacontane (C36)	20.366	1672605	13.189 ug/ml
21) T n-Octatriacontane (C38)	21.092	1549062	12.528 ug/ml
22) T n-Tetracontane (C40)	21.984	380147	3.414 ug/ml

(f)=RT Delta > 1/2 Window

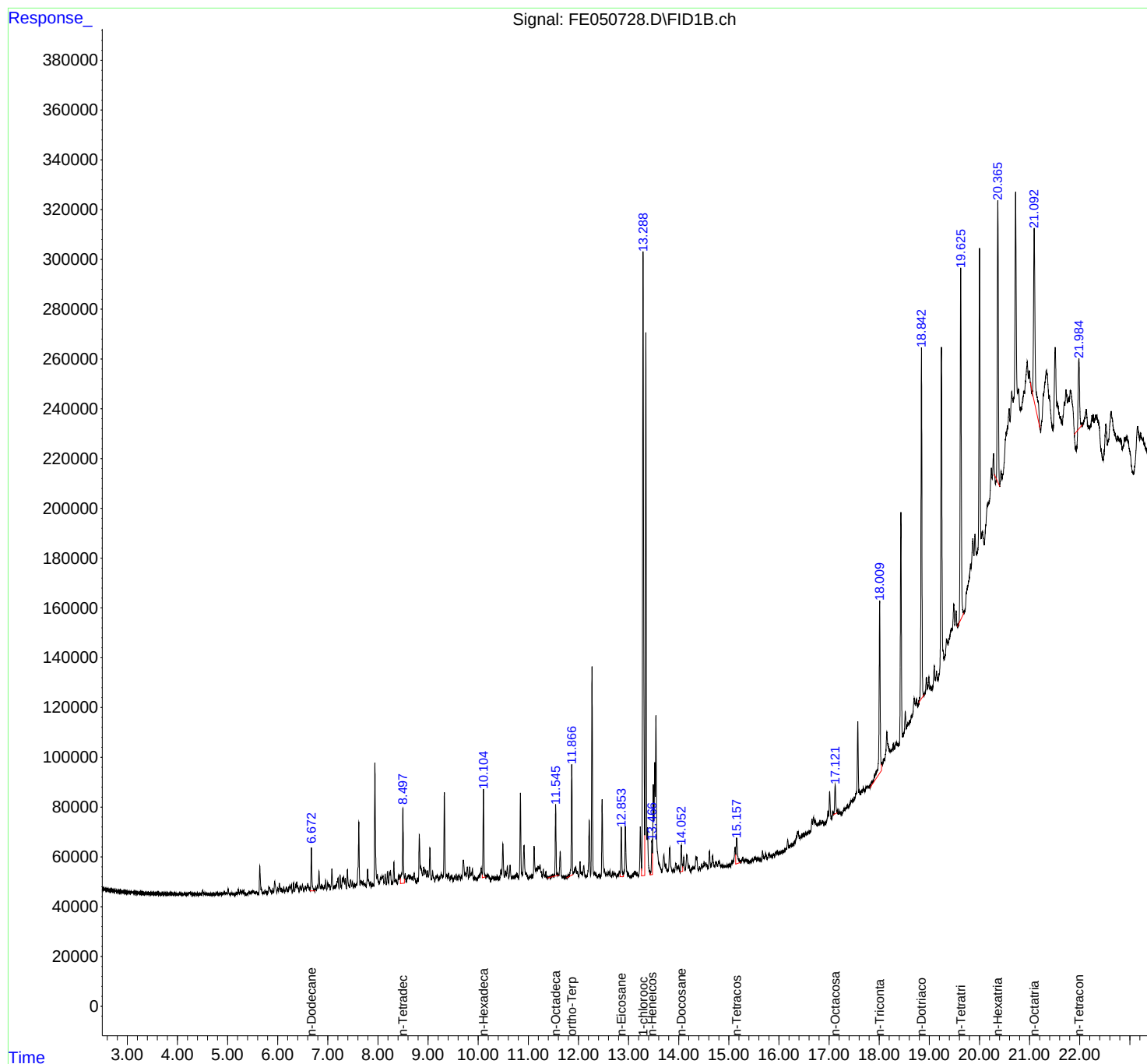
(m)=manual int.

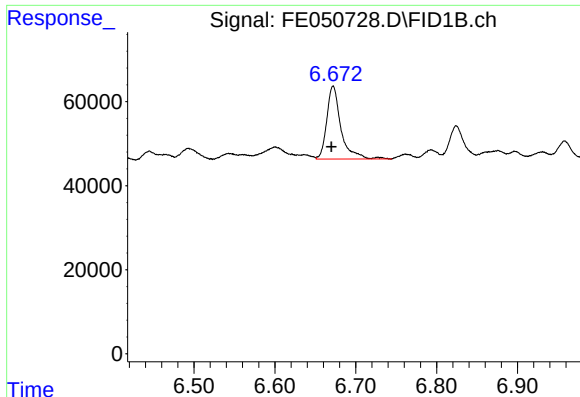
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101824AL\
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Acq On : 18 Oct 2024 09:43
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

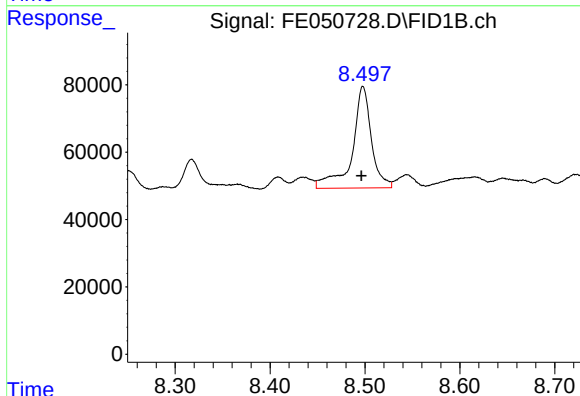




#4 n-Dodecane (C12)

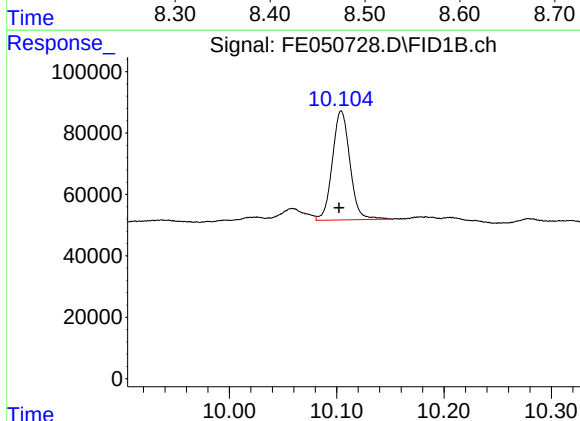
R.T.: 6.672 min
Delta R.T.: 0.002 min
Response: 210869
Conc: 1.47 ug/ml

Instrument :
FID_E
ClientSampleId :



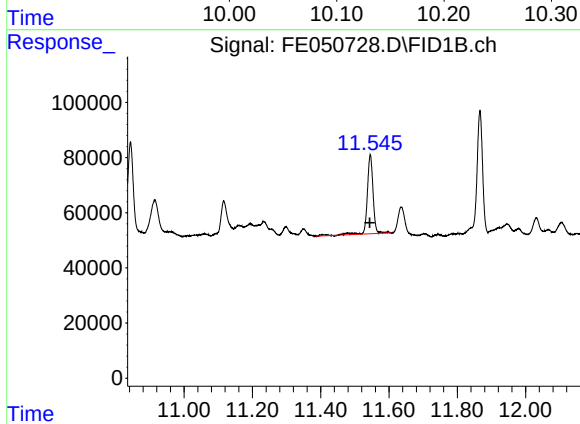
#6 n-Tetradecane (C14)

R.T.: 8.498 min
Delta R.T.: 0.002 min
Response: 423798
Conc: 2.96 ug/ml



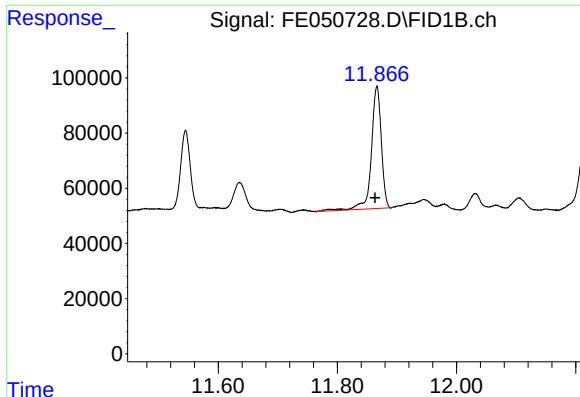
#7 n-Hexadecane (C16)

R.T.: 10.104 min
Delta R.T.: 0.002 min
Response: 403114
Conc: 2.74 ug/ml



#8 n-Octadecane (C18)

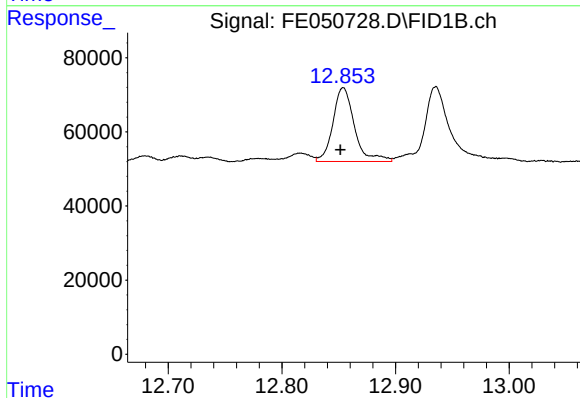
R.T.: 11.545 min
Delta R.T.: 0.001 min
Response: 340997
Conc: 2.28 ug/ml



#9 ortho-Terphenyl (SURR)

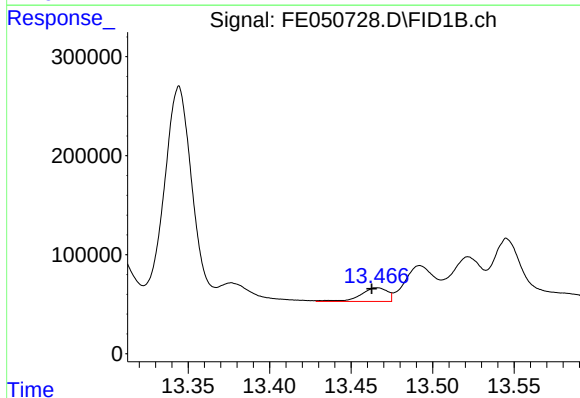
R.T.: 11.866 min
Delta R.T.: 0.003 min
Response: 515227
Conc: 3.27 ug/ml

Instrument :
FID_E
ClientSampleId :



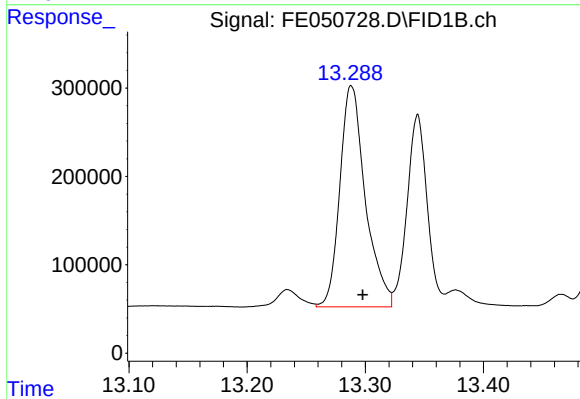
#10 n-Eicosane (C20)

R.T.: 12.854 min
Delta R.T.: 0.003 min
Response: 261713
Conc: 1.83 ug/ml



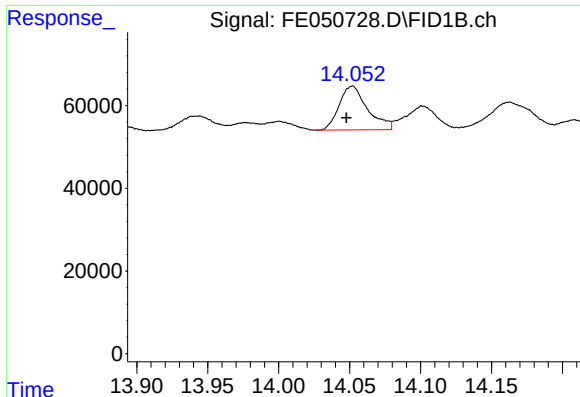
#11 n-Heneicosane (C21)

R.T.: 13.466 min
Delta R.T.: 0.003 min
Response: 156457
Conc: 1.11 ug/ml



#12 1-chlorooctadecane (SURR)

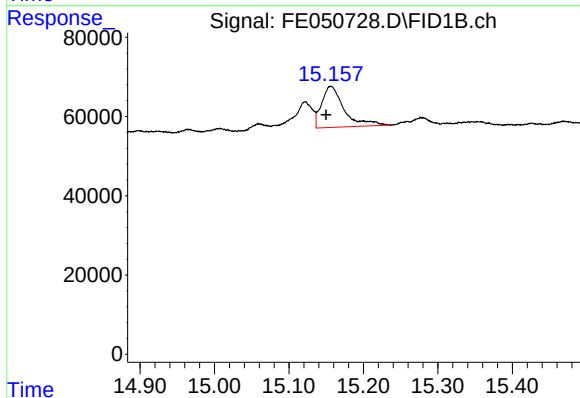
R.T.: 13.288 min
Delta R.T.: -0.009 min
Response: 3750815
Conc: 31.71 ug/ml



#13 n-Docosane (C22)

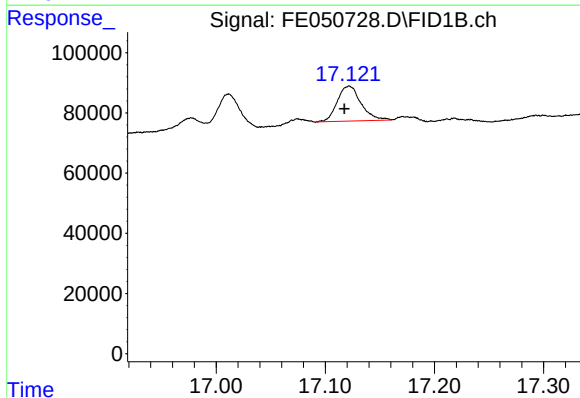
R.T.: 14.052 min
Delta R.T.: 0.004 min
Response: 147260
Conc: 1.05 ug/ml

Instrument :
FID_E
ClientSampleId :



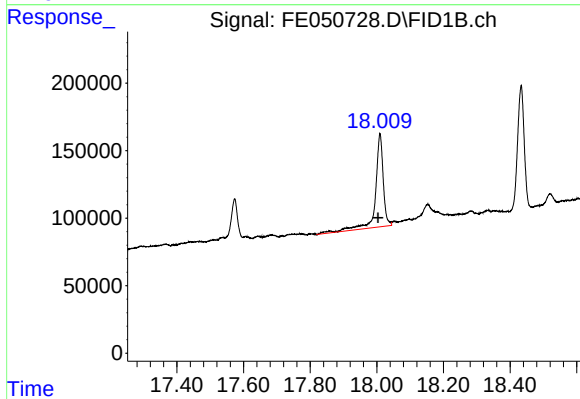
#14 n-Tetracosane (C24)

R.T.: 15.156 min
Delta R.T.: 0.006 min
Response: 218161
Conc: 1.54 ug/ml



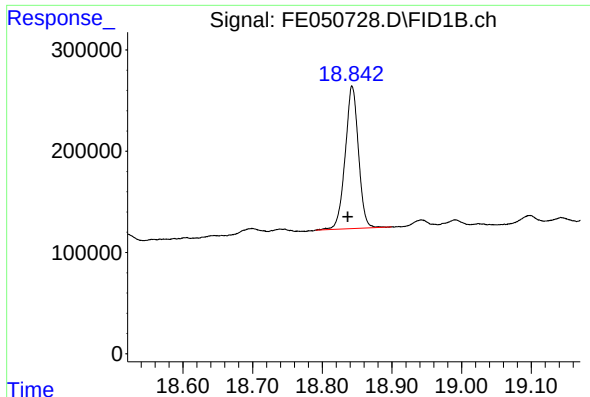
#16 n-Octacosane (C28)

R.T.: 17.122 min
Delta R.T.: 0.004 min
Response: 175590
Conc: 1.20 ug/ml



#17 n-Tricontane (C30)

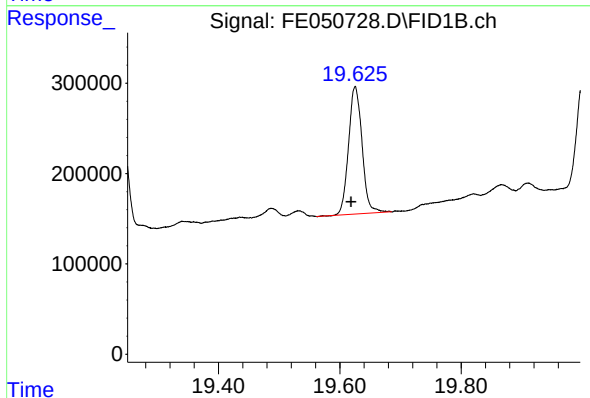
R.T.: 18.010 min
Delta R.T.: 0.005 min
Response: 1122724
Conc: 7.06 ug/ml



#18 n-Dotriacontane (C32)

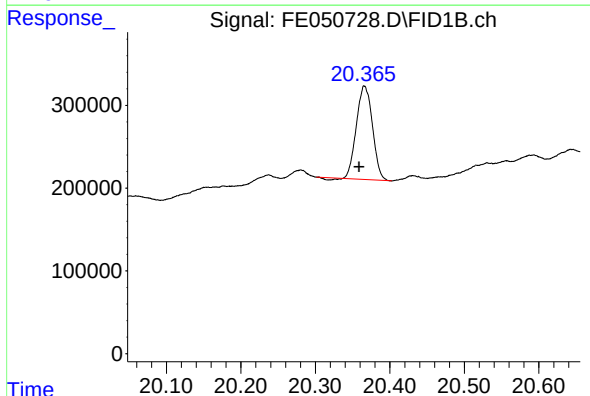
R.T.: 18.843 min
Delta R.T.: 0.007 min
Response: 1865601
Conc: 11.51 ug/ml

Instrument :
FID_E
ClientSampleId :



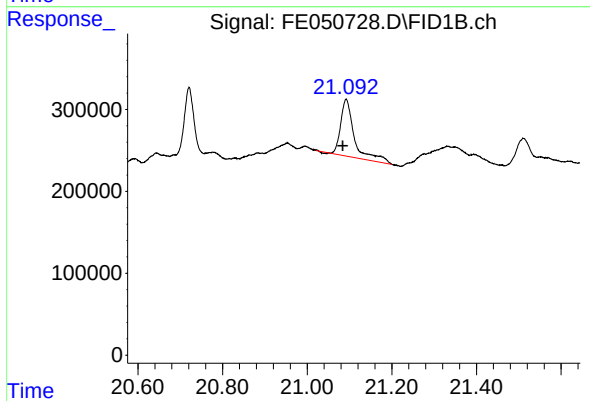
#19 n-Tetratriacontane (C34)

R.T.: 19.625 min
Delta R.T.: 0.007 min
Response: 2176317
Conc: 14.82 ug/ml



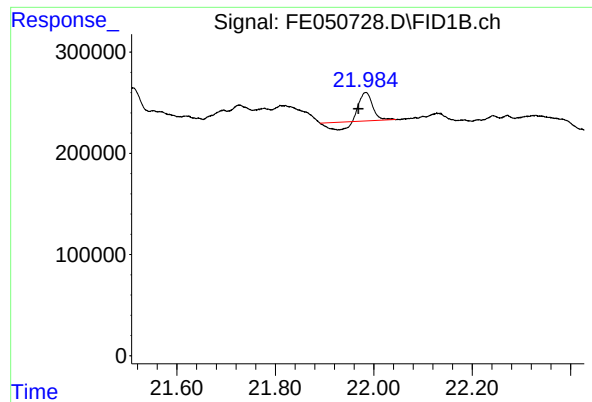
#20 n-Hexatriacontane (C36)

R.T.: 20.366 min
Delta R.T.: 0.008 min
Response: 1672605
Conc: 13.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.092 min
Delta R.T.: 0.008 min
Response: 1549062
Conc: 12.53 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.984 min
Delta R.T.: 0.015 min
Response: 380147
Conc: 3.41 ug/ml

Instrument :

FID_E

ClientSampleId :