

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040423AL\
 Data File : FE041154.D
 Signal(s) : FID1B.ch
 Acq On : 04 Apr 2023 12:49
 Operator : YP\AJ
 Sample : 02166-06DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 04 23:52:09 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)	11.850	1287905	6.853 ug/ml
Spiked Amount 50.000		Recovery =	13.71%
12) S 1-chlorooctadecane (S...	13.295	35907175	249.564 ug/ml
Spiked Amount 50.000		Recovery =	499.13%
Target Compounds			
4) T n-Dodecane (C12)	6.661	34388	0.198 ug/ml
6) T n-Tetradecane (C14)	8.486	201546	1.156 ug/ml
7) T n-Hexadecane (C16)	10.093	252073	1.417 ug/ml
8) T n-Octadecane (C18)	11.536	220461	1.235 ug/ml
10) T n-Eicosane (C20)	12.846	156958	0.920 ug/ml
11) T n-Heneicosane (C21)	13.460	111115	0.657 ug/ml
13) T n-Docosane (C22)	14.046	109714	0.663 ug/ml
14) T n-Tetracosane (C24)	15.146	198776	1.229 ug/ml
15) T n-Hexacosane (C26)	16.171	63080	0.407 ug/ml
16) T n-Octacosane (C28)	17.123	87859	0.574 ug/ml
17) T n-Tricontane (C30)	18.011	97753	0.640 ug/ml
18) T n-Dotriacontane (C32)	18.845	125874	0.806 ug/ml
19) T n-Tetratriacontane (C34)	19.630	76125	0.491 ug/ml
20) T n-Hexatriacontane (C36)	20.370	116431	0.767 ug/ml
21) T n-Octatriacontane (C38)	21.100	56692	0.363 ug/ml
22) T n-Tetracontane (C40)	21.982	43784	0.274 ug/ml

(f)=RT Delta > 1/2 Window

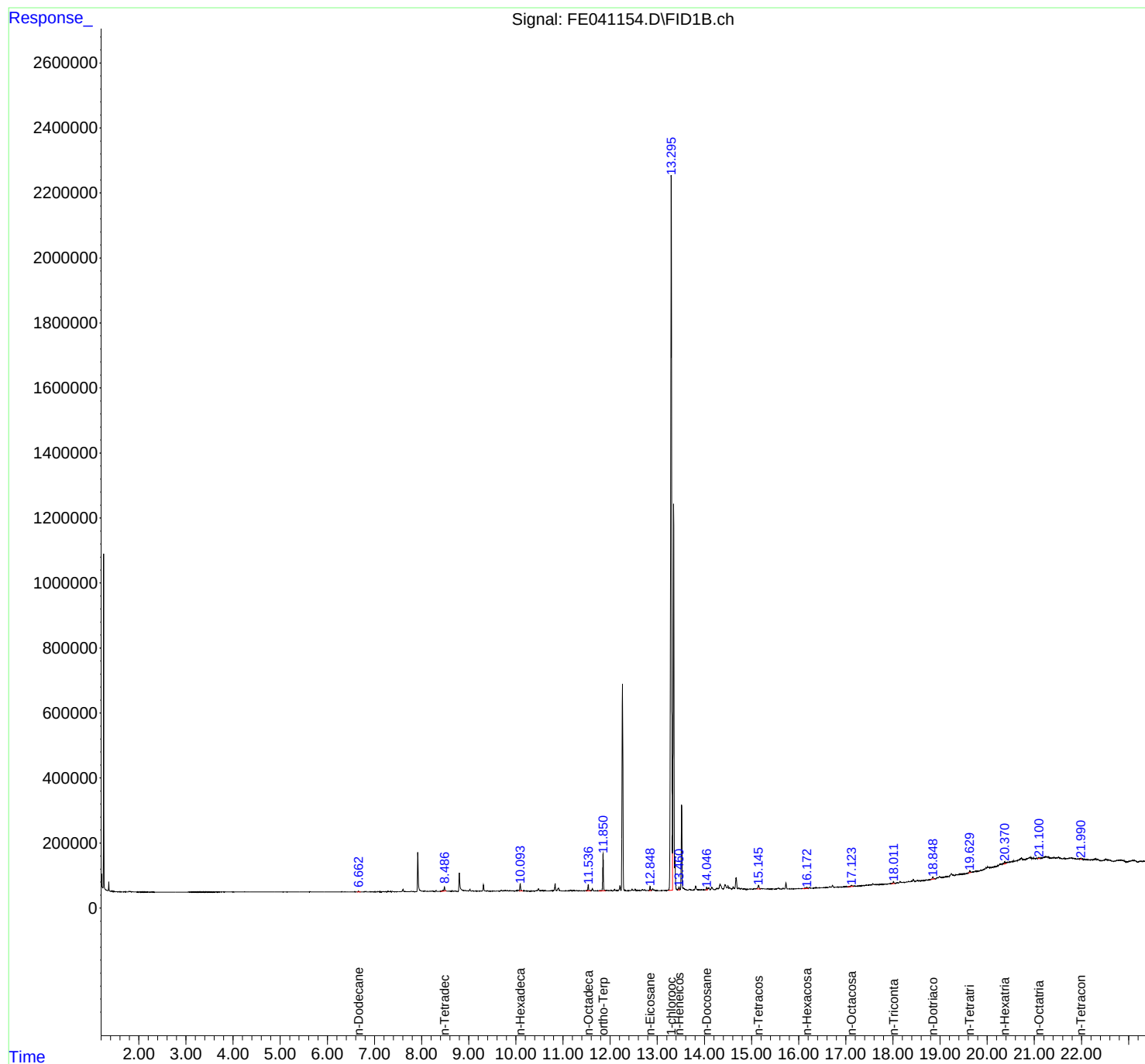
(m)=manual int.

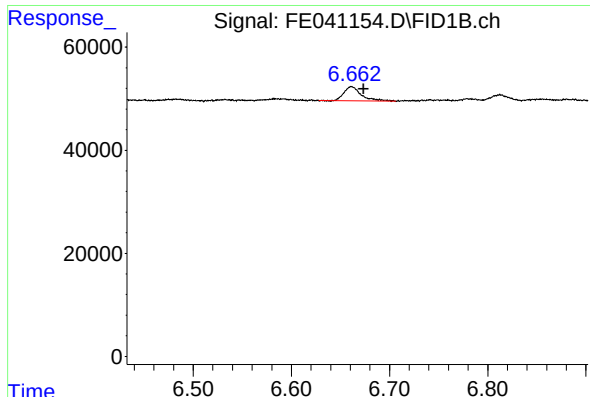
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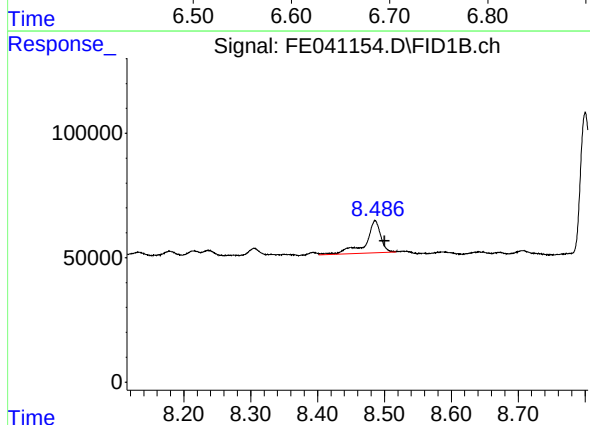
#4 n-Dodecane (C12)

R.T.: 6.661 min
Delta R.T.: -0.012 min
Response: 34388
Conc: 0.20 ug/ml

Instrument :

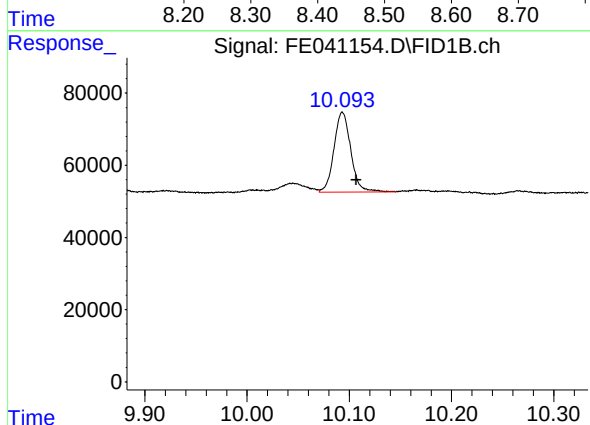
FID_E

ClientSampleId :



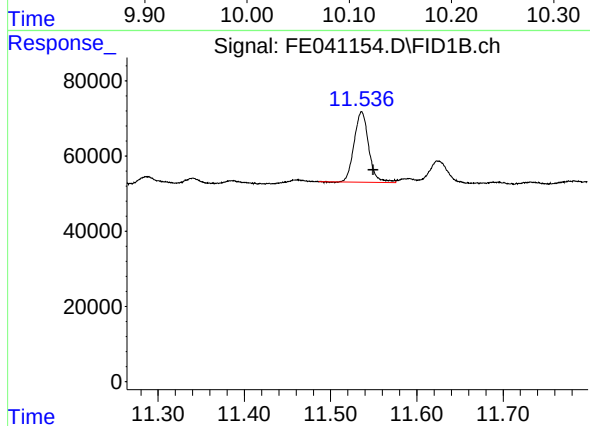
#6 n-Tetradecane (C14)

R.T.: 8.486 min
Delta R.T.: -0.014 min
Response: 201546
Conc: 1.16 ug/ml



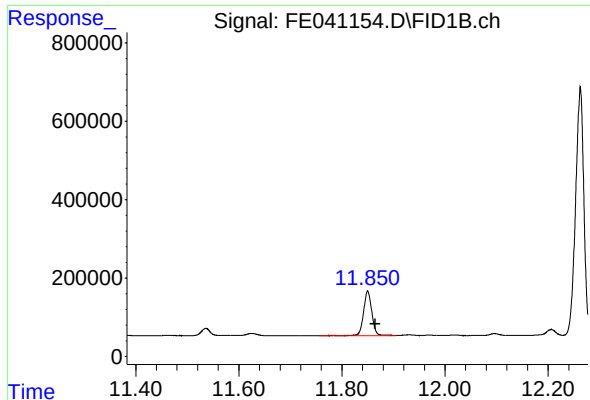
#7 n-Hexadecane (C16)

R.T.: 10.093 min
Delta R.T.: -0.013 min
Response: 252073
Conc: 1.42 ug/ml



#8 n-Octadecane (C18)

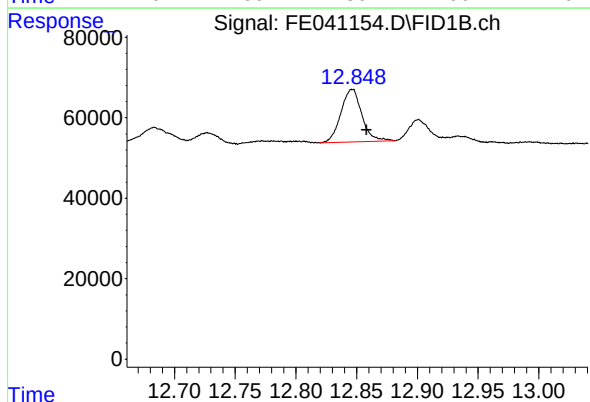
R.T.: 11.536 min
Delta R.T.: -0.013 min
Response: 220461
Conc: 1.23 ug/ml



#9 ortho-Terphenyl (SURR)

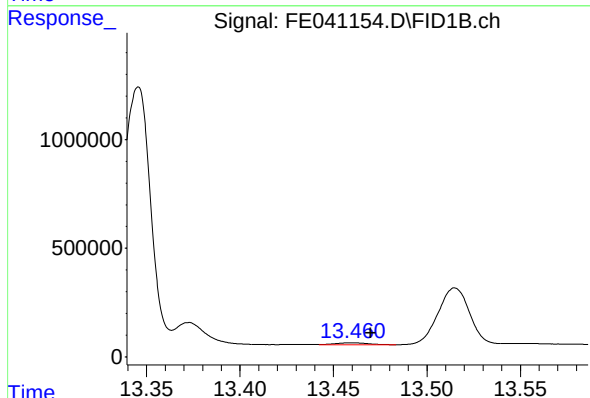
R.T.: 11.850 min
Delta R.T.: -0.015 min
Response: 1287905
Conc: 6.85 ug/ml

Instrument :
FID_E
ClientSampleId :



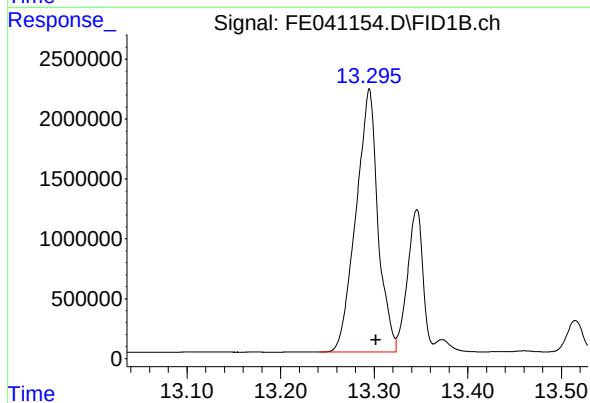
#10 n-Eicosane (C20)

R.T.: 12.846 min
Delta R.T.: -0.012 min
Response: 156958
Conc: 0.92 ug/ml



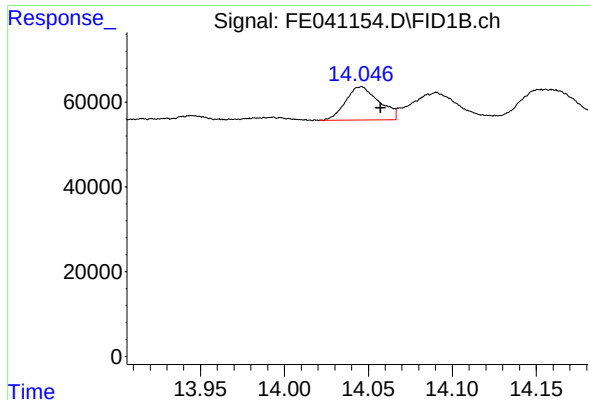
#11 n-Heneicosane (C21)

R.T.: 13.460 min
Delta R.T.: -0.010 min
Response: 111115
Conc: 0.66 ug/ml



#12 1-chlorooctadecane (SURR)

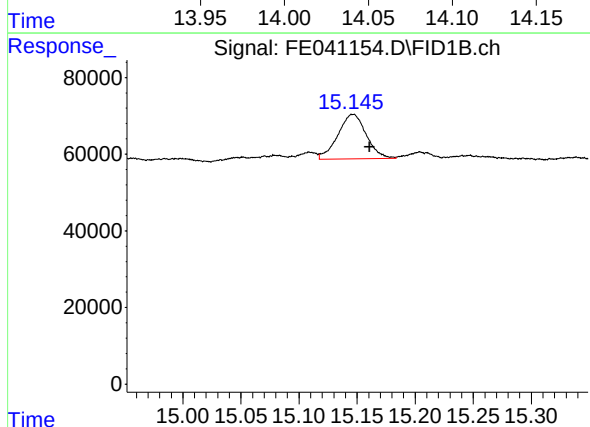
R.T.: 13.295 min
Delta R.T.: -0.007 min
Response: 35907175
Conc: 249.56 ug/ml



#13 n-Docosane (C22)

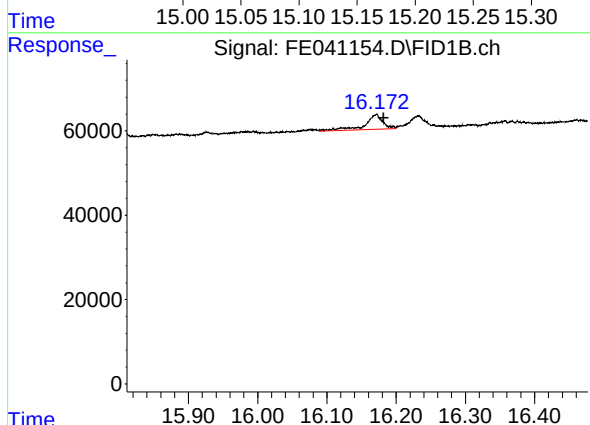
R.T.: 14.046 min
Delta R.T.: -0.012 min
Response: 109714
Conc: 0.66 ug/ml

Instrument :
FID_E
ClientSampleId :



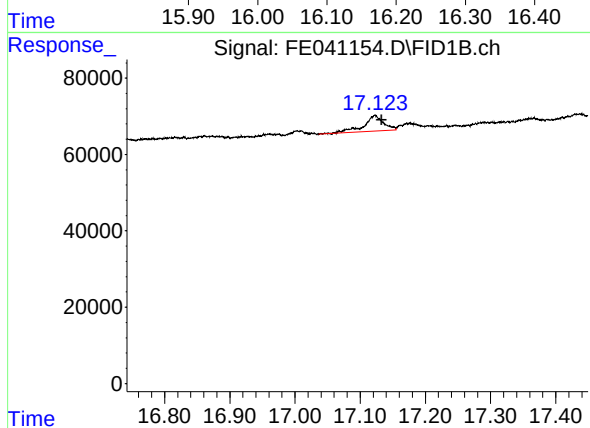
#14 n-Tetracosane (C24)

R.T.: 15.146 min
Delta R.T.: -0.014 min
Response: 198776
Conc: 1.23 ug/ml



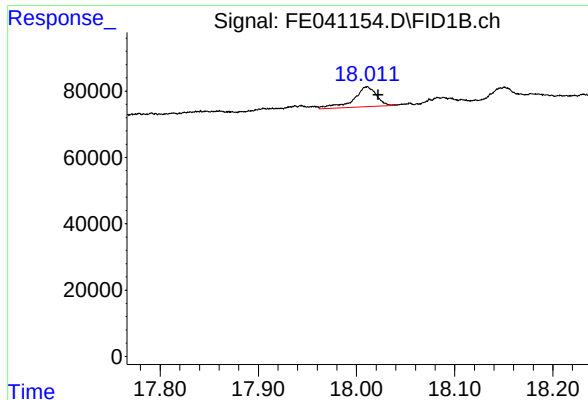
#15 n-Hexacosane (C26)

R.T.: 16.171 min
Delta R.T.: -0.011 min
Response: 63080
Conc: 0.41 ug/ml



#16 n-Octacosane (C28)

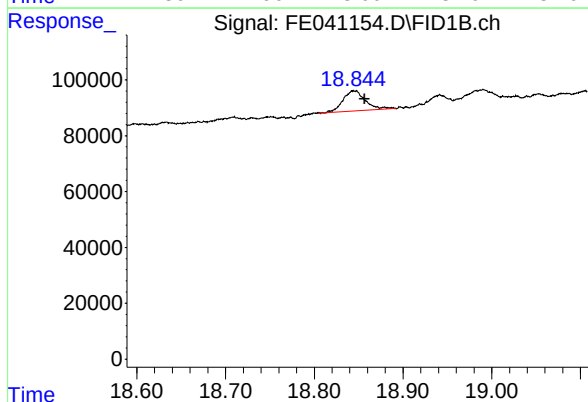
R.T.: 17.123 min
Delta R.T.: -0.010 min
Response: 87859
Conc: 0.57 ug/ml



#17 n-Tricontane (C30)

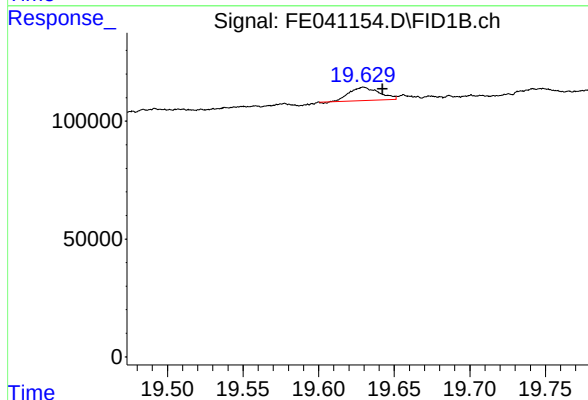
R.T.: 18.011 min
Delta R.T.: -0.012 min
Response: 97753
Conc: 0.64 ug/ml

Instrument :
FID_E
ClientSampleId :



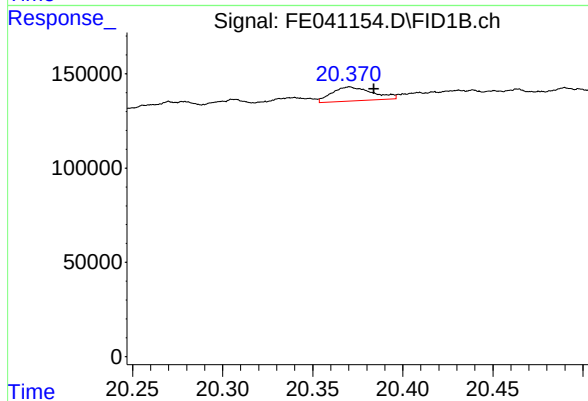
#18 n-Dotriacontane (C32)

R.T.: 18.845 min
Delta R.T.: -0.012 min
Response: 125874
Conc: 0.81 ug/ml



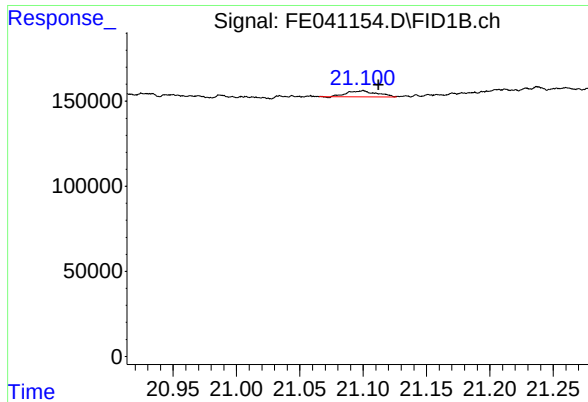
#19 n-Tetratriacontane (C34)

R.T.: 19.630 min
Delta R.T.: -0.013 min
Response: 76125
Conc: 0.49 ug/ml



#20 n-Hexatriacontane (C36)

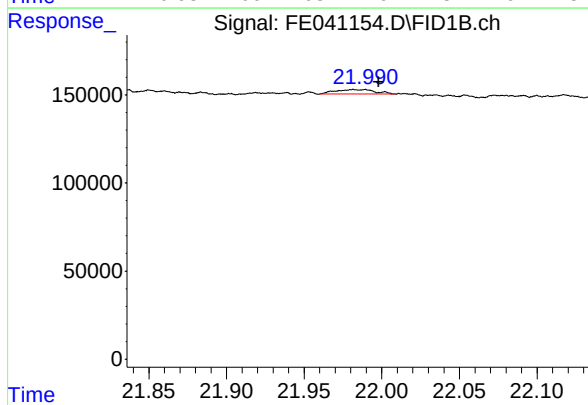
R.T.: 20.370 min
Delta R.T.: -0.014 min
Response: 116431
Conc: 0.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.100 min
Delta R.T.: -0.012 min
Response: 56692
Conc: 0.36 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.982 min
Delta R.T.: -0.016 min
Response: 43784
Conc: 0.27 ug/ml