

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE013124AL\
 Data File : FE046493.D
 Signal(s) : FID1B.ch
 Acq On : 31 Jan 2024 16:16
 Operator : YP\AJ
 Sample : P1296-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 31 21:36:41 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 14:56:03 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)	11.819	2197214	11.883 ug/ml
Spiked Amount 50.000		Recovery =	23.77%
12) S 1-chlorooctadecane (S...	13.260	2235774	15.714 ug/ml
Spiked Amount 50.000		Recovery =	31.43%
Target Compounds			
4) T n-Dodecane (C12)	6.626	56805	0.343 ug/ml
6) T n-Tetradecane (C14)	8.451	75794	0.462 ug/ml
7) T n-Hexadecane (C16)	10.061	80171	0.469 ug/ml
8) T n-Octadecane (C18)	11.504	60350	0.346 ug/ml
10) T n-Eicosane (C20)	12.815	49764	0.293 ug/ml
11) T n-Heneicosane (C21)	13.428	26360	0.158 ug/ml
13) T n-Docosane (C22)	14.014	22944	0.138 ug/ml
14) T n-Tetracosane (C24)	15.120	139187	0.844 ug/ml
15) T n-Hexacosane (C26)	16.140	89058	0.552 ug/ml
16) T n-Octacosane (C28)	17.095	63167	0.402 ug/ml
17) T n-Tricontane (C30)	17.979	166389	1.062 ug/ml
18) T n-Dotriacontane (C32)	18.814	81903	0.542 ug/ml
19) T n-Tetratriacontane (C34)	19.611	71533	0.504 ug/ml
20) T n-Hexatriacontane (C36)	20.340	31552	0.229 ug/ml
21) T n-Octatriacontane (C38)	21.083	84067	0.656 ug/ml
22) T n-Tetracontane (C40)	21.960	129800	1.038 ug/ml

(f)=RT Delta > 1/2 Window

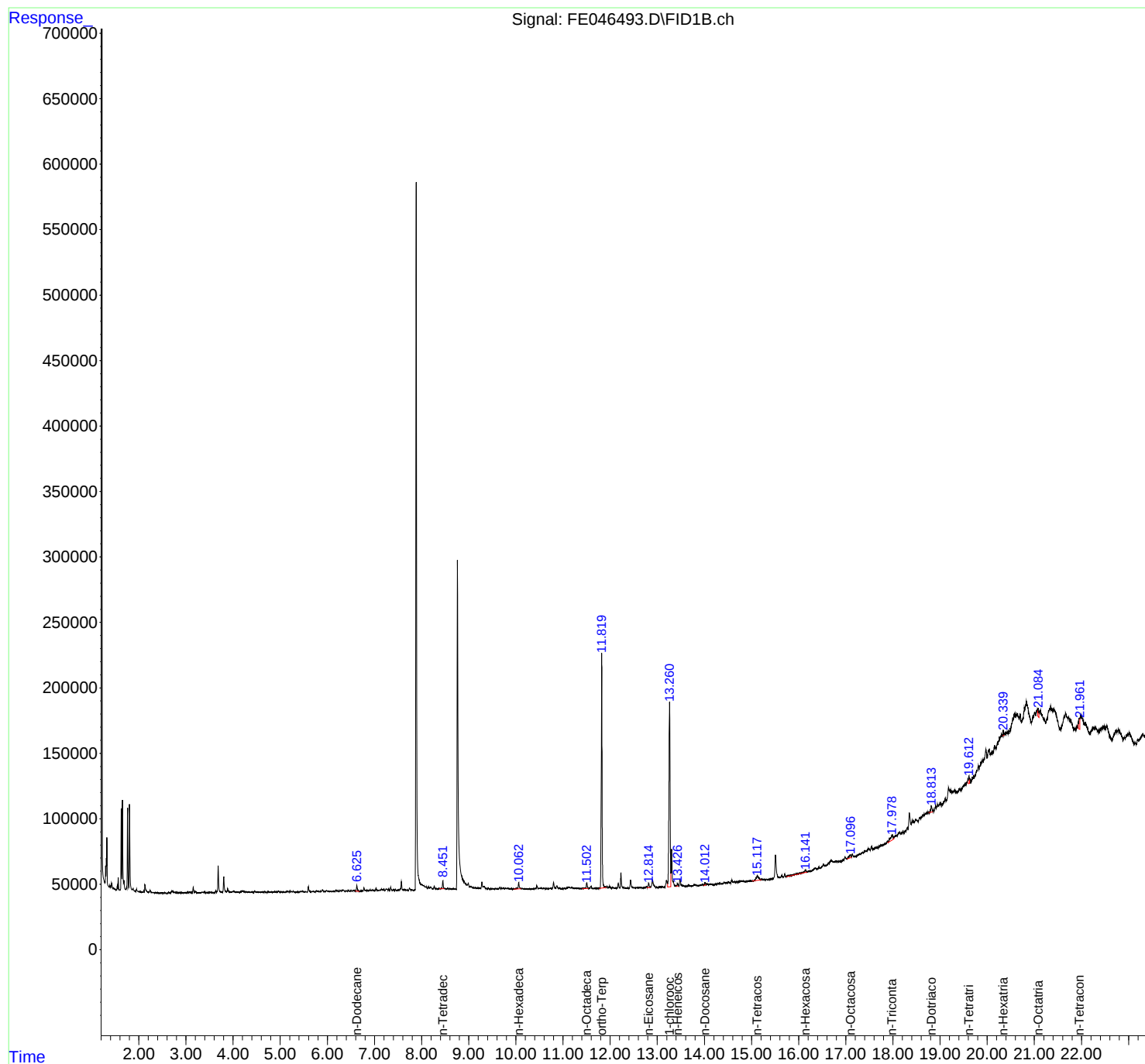
(m)=manual int.

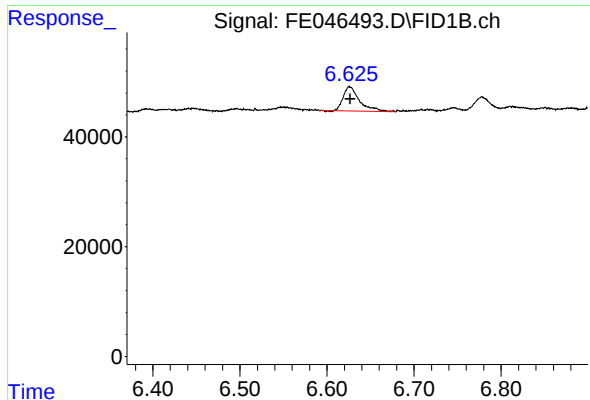
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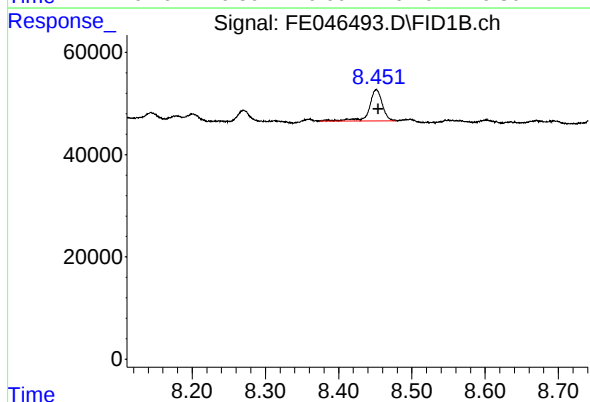
#4 n-Dodecane (C12)

R.T.: 6.626 min
Delta R.T.: 0.000 min
Response: 56805
Conc: 0.34 ug/ml

Instrument :

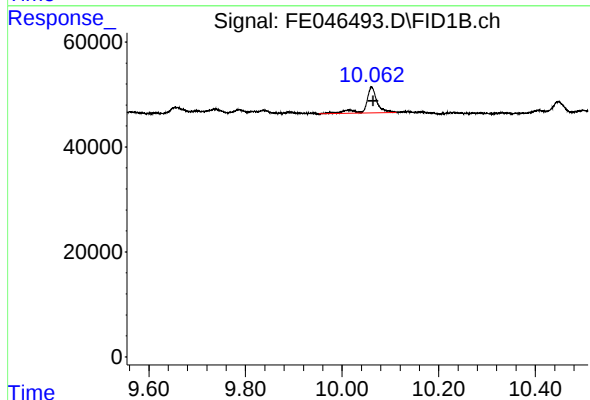
FID_E

ClientSampleId :



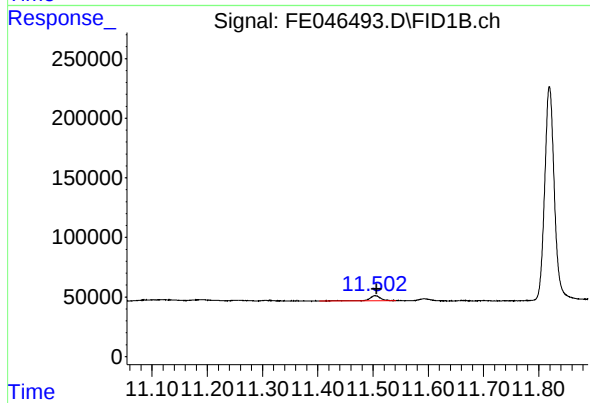
#6 n-Tetradecane (C14)

R.T.: 8.451 min
Delta R.T.: -0.003 min
Response: 75794
Conc: 0.46 ug/ml



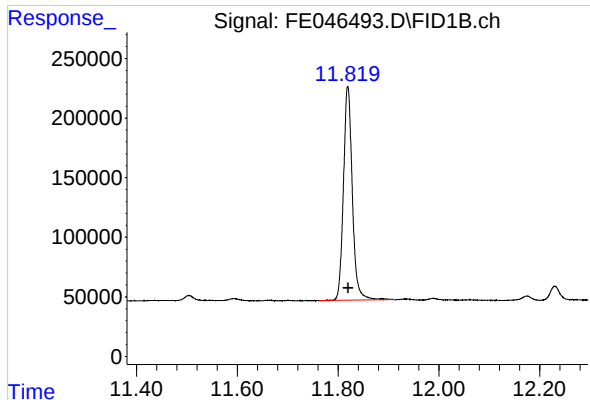
#7 n-Hexadecane (C16)

R.T.: 10.061 min
Delta R.T.: -0.003 min
Response: 80171
Conc: 0.47 ug/ml



#8 n-Octadecane (C18)

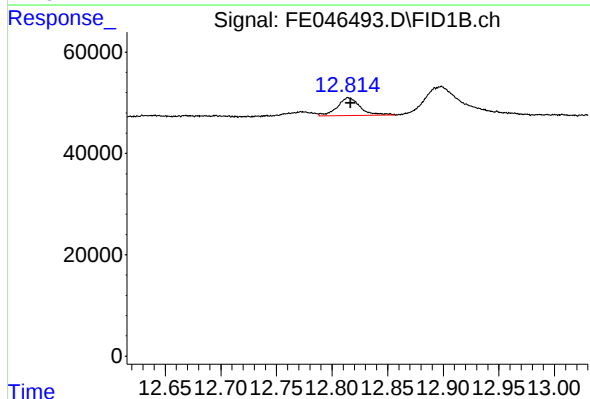
R.T.: 11.504 min
Delta R.T.: -0.003 min
Response: 60350
Conc: 0.35 ug/ml



#9 ortho-Terphenyl (SURR)

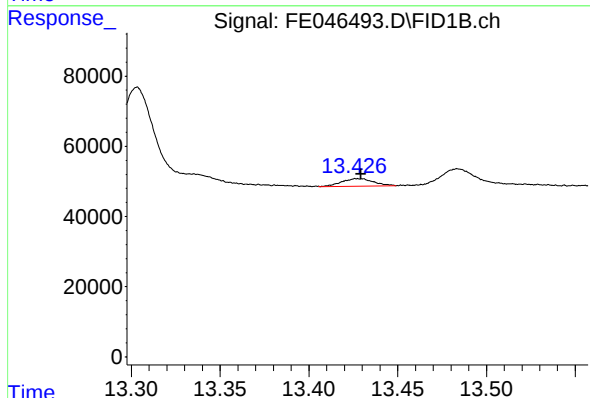
R.T.: 11.819 min
Delta R.T.: 0.000 min
Response: 2197214
Conc: 11.88 ug/ml

Instrument :
FID_E
ClientSampleId :



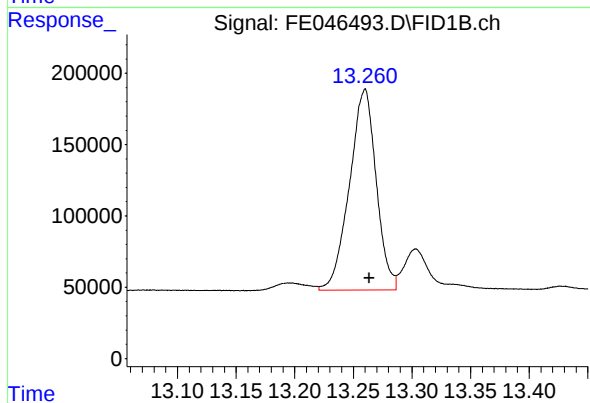
#10 n-Eicosane (C20)

R.T.: 12.815 min
Delta R.T.: -0.002 min
Response: 49764
Conc: 0.29 ug/ml



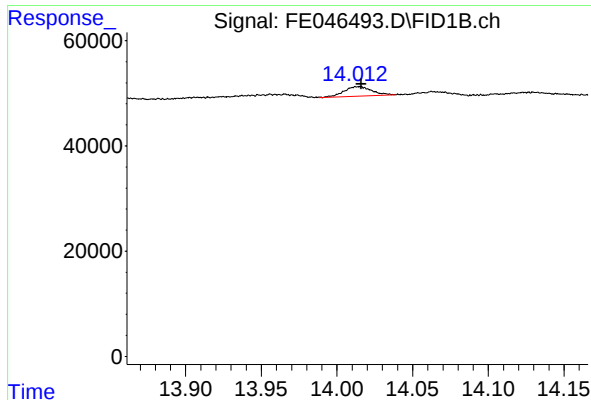
#11 n-Heneicosane (C21)

R.T.: 13.428 min
Delta R.T.: -0.002 min
Response: 26360
Conc: 0.16 ug/ml



#12 1-chlorooctadecane (SURR)

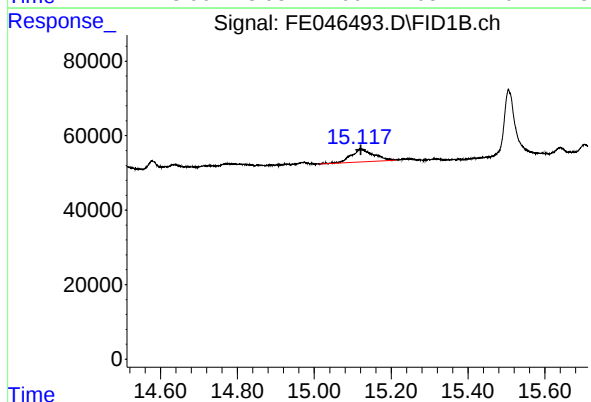
R.T.: 13.260 min
Delta R.T.: -0.004 min
Response: 2235774
Conc: 15.71 ug/ml



#13 n-Docosane (C22)

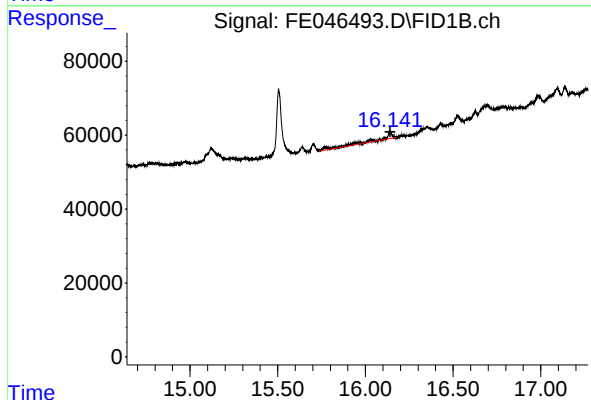
R.T.: 14.014 min
Delta R.T.: -0.002 min
Response: 22944
Conc: 0.14 ug/ml

Instrument :
FID_E
ClientSampleId :



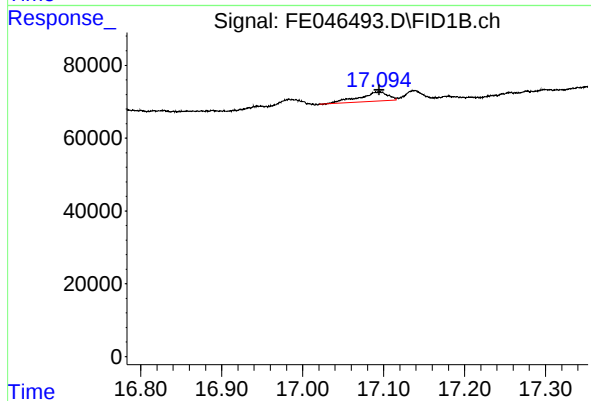
#14 n-Tetracosane (C24)

R.T.: 15.120 min
Delta R.T.: -0.001 min
Response: 139187
Conc: 0.84 ug/ml



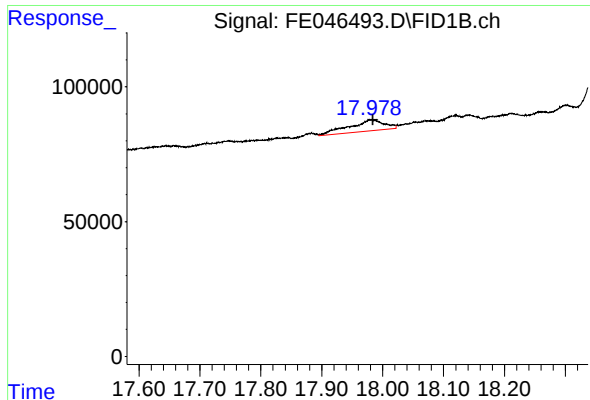
#15 n-Hexacosane (C26)

R.T.: 16.140 min
Delta R.T.: -0.004 min
Response: 89058
Conc: 0.55 ug/ml



#16 n-Octacosane (C28)

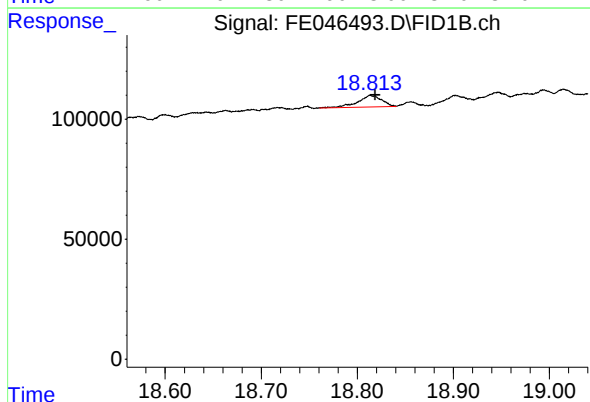
R.T.: 17.095 min
Delta R.T.: 0.000 min
Response: 63167
Conc: 0.40 ug/ml



#17 n-Tricontane (C30)

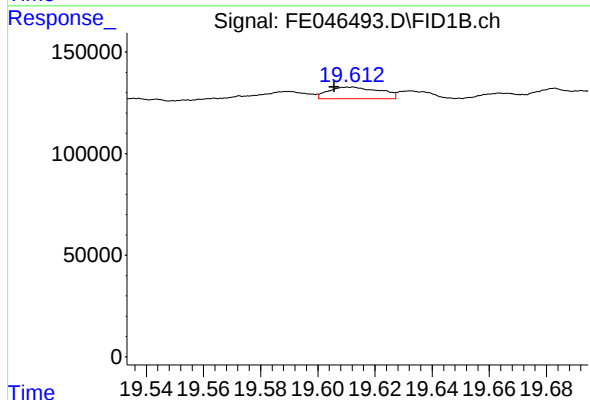
R.T.: 17.979 min
Delta R.T.: -0.004 min
Response: 166389
Conc: 1.06 ug/ml

Instrument :
FID_E
ClientSampleId :



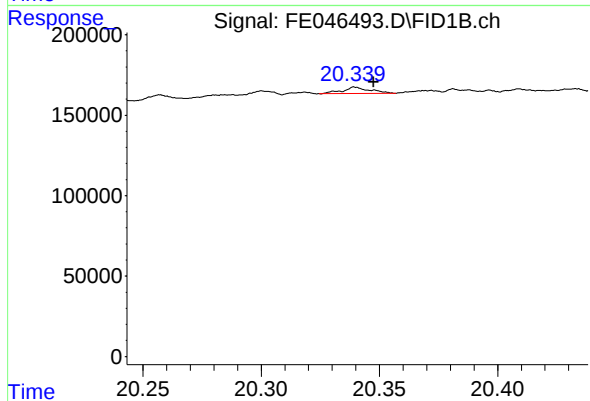
#18 n-Dotriacontane (C32)

R.T.: 18.814 min
Delta R.T.: -0.005 min
Response: 81903
Conc: 0.54 ug/ml



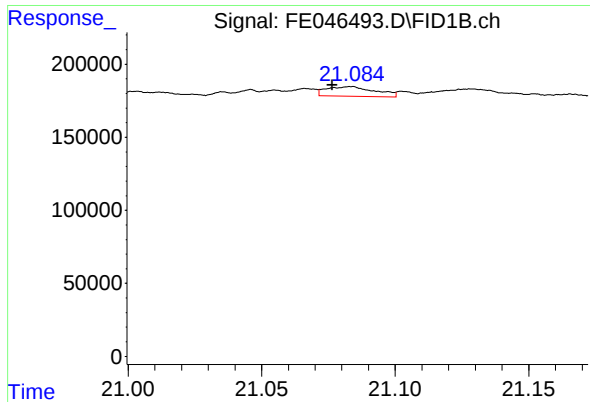
#19 n-Tetratriacontane (C34)

R.T.: 19.611 min
Delta R.T.: 0.005 min
Response: 71533
Conc: 0.50 ug/ml



#20 n-Hexatriacontane (C36)

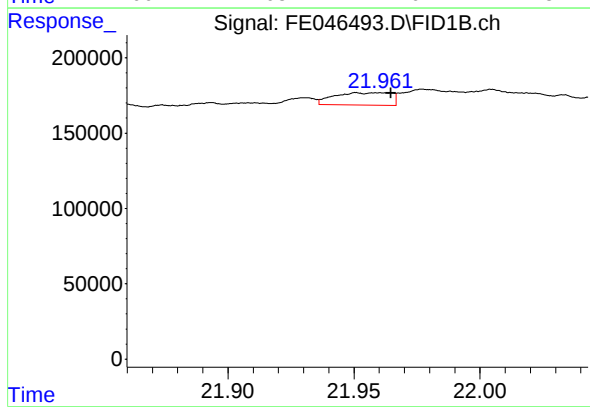
R.T.: 20.340 min
Delta R.T.: -0.008 min
Response: 31552
Conc: 0.23 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.083 min
Delta R.T.: 0.007 min
Response: 84067
Conc: 0.66 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.960 min
Delta R.T.: -0.005 min
Response: 129800
Conc: 1.04 ug/ml