

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061725AL\
 Data File : FE054445.D
 Signal(s) : FID1B.ch
 Acq On : 17 Jun 2025 15:30
 Operator : YP\AJ
 Sample : Q2298-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 AU-05-061125

Integration File: autoint1.e
 Quant Time: Jun 18 01:23:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 10 07:24:04 2025
 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)	11.825	5437671	32.909 ug/ml
Spiked Amount 50.000		Recovery =	65.82%
12) S 1-chlorooctadecane (S...	13.269	4178460	34.264 ug/ml
Spiked Amount 50.000		Recovery =	68.53%
Target Compounds			
6) T n-Tetradecane (C14)	8.452	91248	0.705 ug/ml
7) T n-Hexadecane (C16)	10.064	92306	0.695 ug/ml
8) T n-Octadecane (C18)	11.510	163736	1.213 ug/ml
10) T n-Eicosane (C20)	12.822	154755	1.157 ug/ml
11) T n-Heneicosane (C21)	13.435	94517	0.711 ug/ml
13) T n-Docosane (C22)	14.022	66505	0.507 ug/ml
14) T n-Tetracosane (C24)	15.129	131556	1.020 ug/ml
15) T n-Hexacosane (C26)	16.150	28904	0.230 ug/ml
16) T n-Octacosane (C28)	17.106	37233	0.304 ug/ml
17) T n-Tricontane (C30)	17.987	51292	0.414 ug/ml
18) T n-Dotriacontane (C32)	18.822	73492	0.585 ug/ml
19) T n-Tetratriacontane (C34)	19.616	77909	0.626 ug/ml
20) T n-Hexatriacontane (C36)	20.352	58047	0.451 ug/ml
21) T n-Octatriacontane (C38)	21.082	58240	0.441 ug/ml
22) T n-Tetracontane (C40)	21.972	58677	0.436 ug/ml

(f)=RT Delta > 1/2 Window

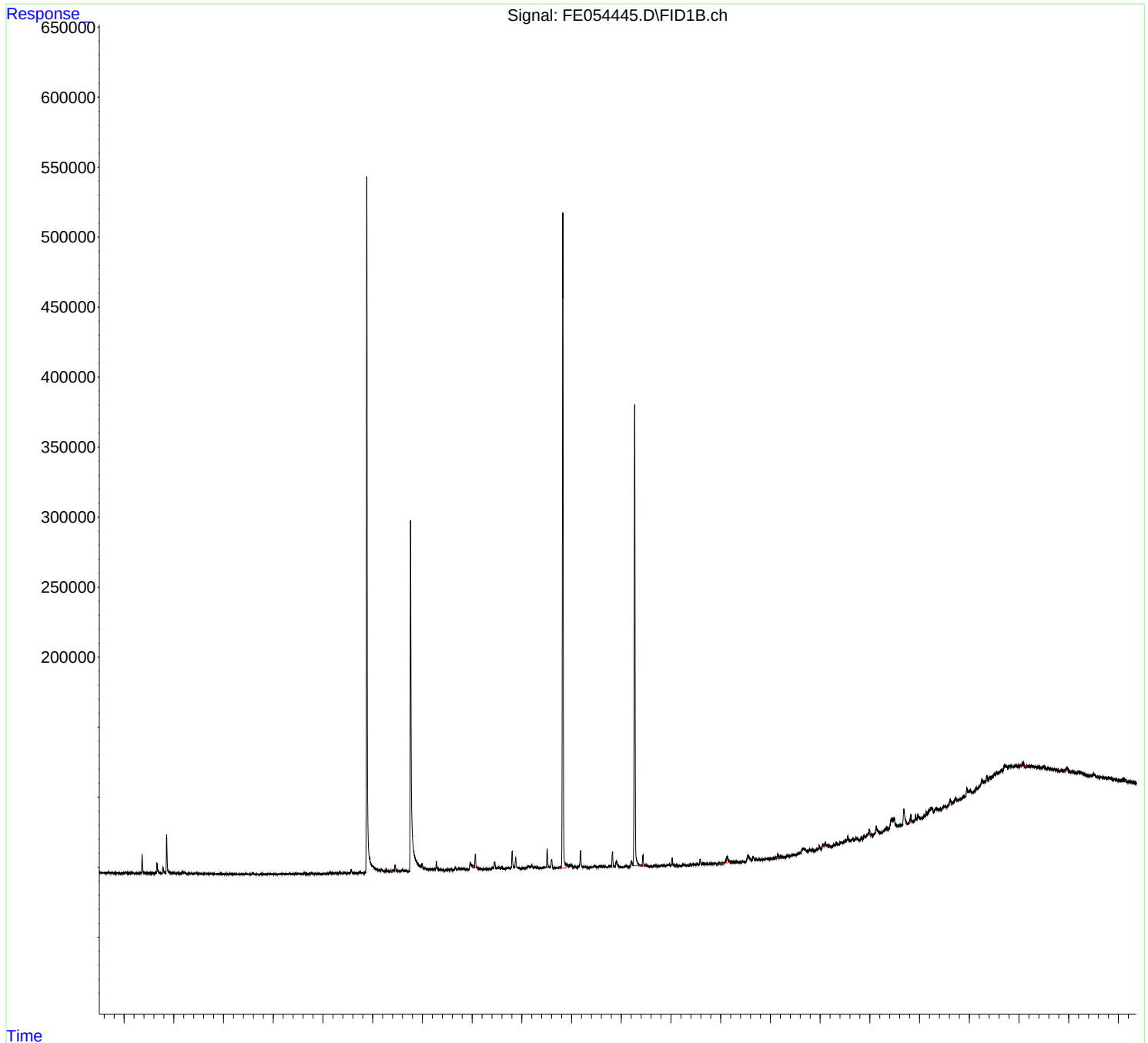
(m)=manual int.

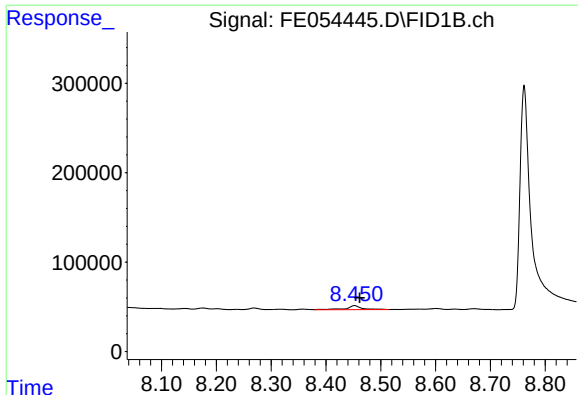
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061725AL\
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

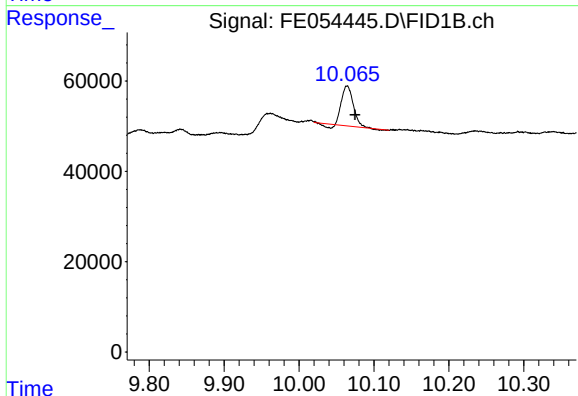




#6 n-Tetradecane (C14)

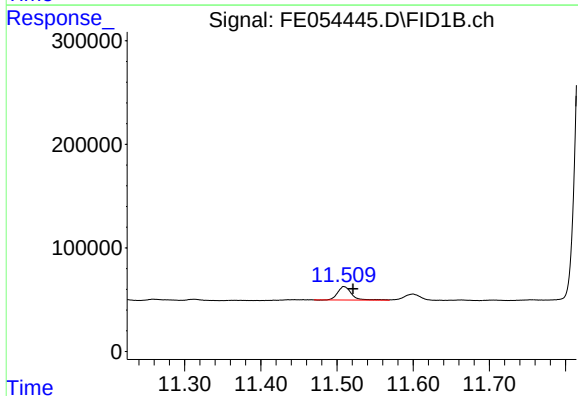
R.T.: 8.452 min
Delta R.T.: -0.009 min
Response: 91248
Conc: 0.70 ug/ml

Instrument :
FID_E
ClientSampleId :
AU-05-061125



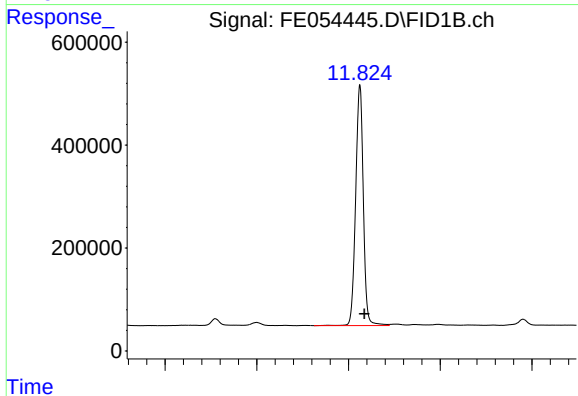
#7 n-Hexadecane (C16)

R.T.: 10.064 min
Delta R.T.: -0.010 min
Response: 92306
Conc: 0.69 ug/ml



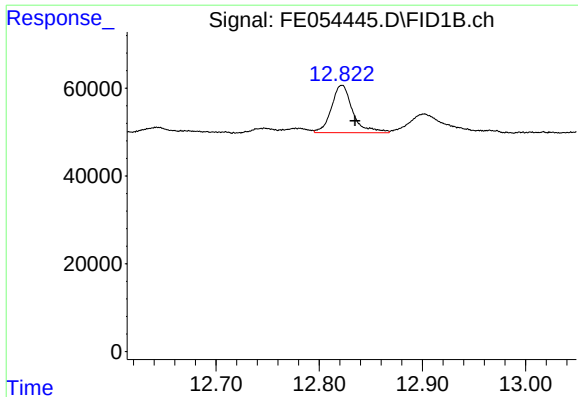
#8 n-Octadecane (C18)

R.T.: 11.510 min
Delta R.T.: -0.012 min
Response: 163736
Conc: 1.21 ug/ml



#9 ortho-Terphenyl (SURR)

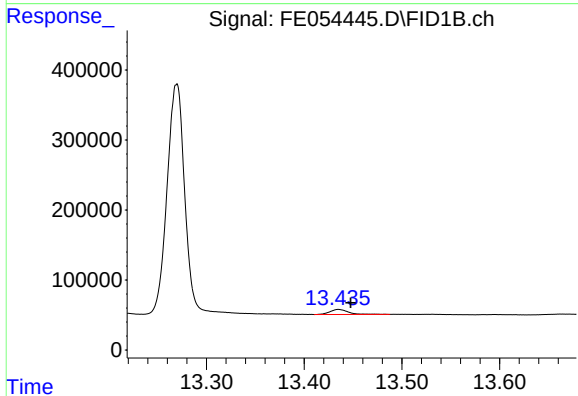
R.T.: 11.825 min
Delta R.T.: -0.010 min
Response: 5437671
Conc: 32.91 ug/ml



#10 n-Eicosane (C20)

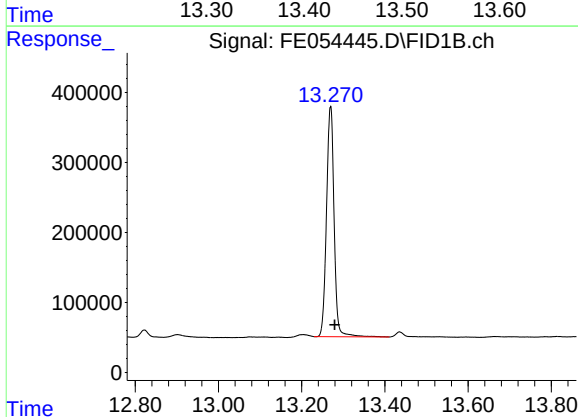
R.T.: 12.822 min
Delta R.T.: -0.013 min
Response: 154755
Conc: 1.16 ug/ml

Instrument :
FID_E
ClientSampleId :
AU-05-061125



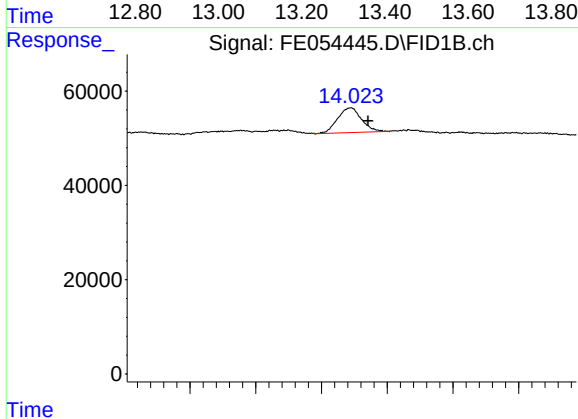
#11 n-Heneicosane (C21)

R.T.: 13.435 min
Delta R.T.: -0.012 min
Response: 94517
Conc: 0.71 ug/ml



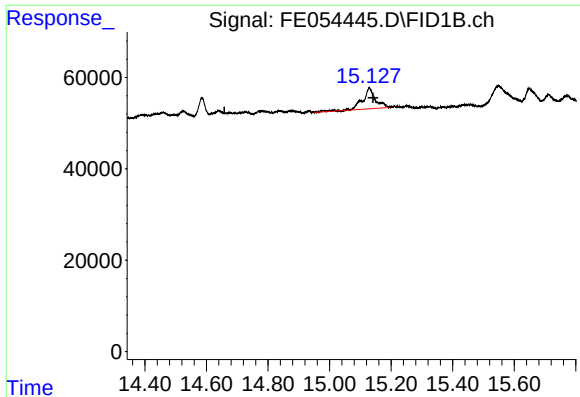
#12 1-chlorooctadecane (SURR)

R.T.: 13.269 min
Delta R.T.: -0.010 min
Response: 4178460
Conc: 34.26 ug/ml



#13 n-Docosane (C22)

R.T.: 14.022 min
Delta R.T.: -0.014 min
Response: 66505
Conc: 0.51 ug/ml



#14 n-Tetracosane (C24)

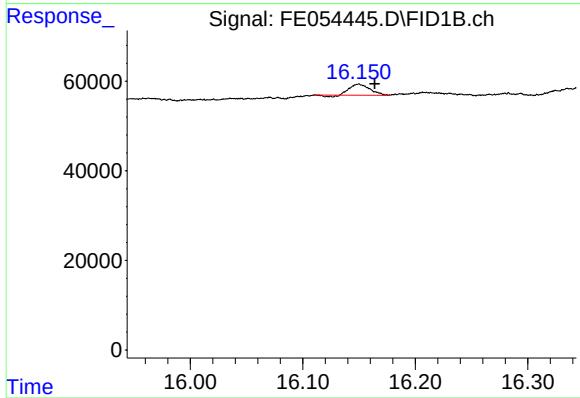
R.T.: 15.129 min
Delta R.T.: -0.012 min
Response: 131556
Conc: 1.02 ug/ml

Instrument :

FID_E

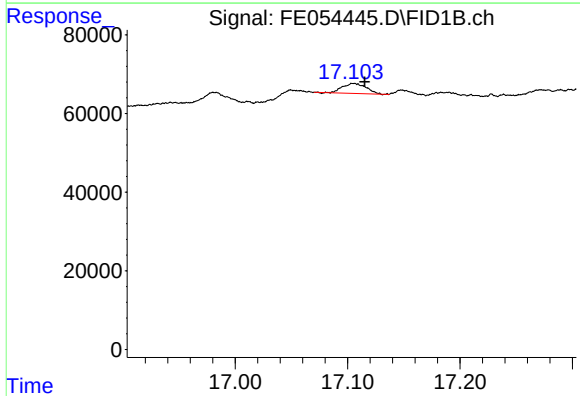
ClientSampleId :

AU-05-061125



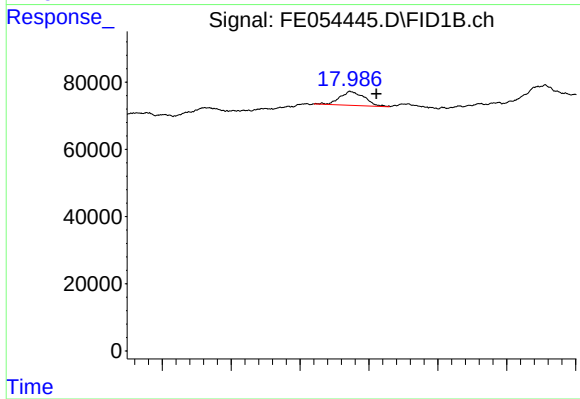
#15 n-Hexacosane (C26)

R.T.: 16.150 min
Delta R.T.: -0.014 min
Response: 28904
Conc: 0.23 ug/ml



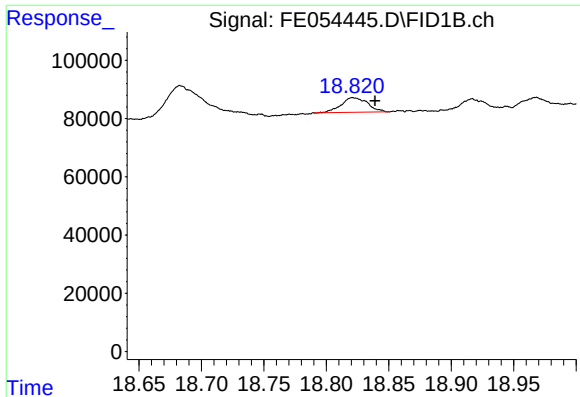
#16 n-Octacosane (C28)

R.T.: 17.106 min
Delta R.T.: -0.009 min
Response: 37233
Conc: 0.30 ug/ml



#17 n-Tricontane (C30)

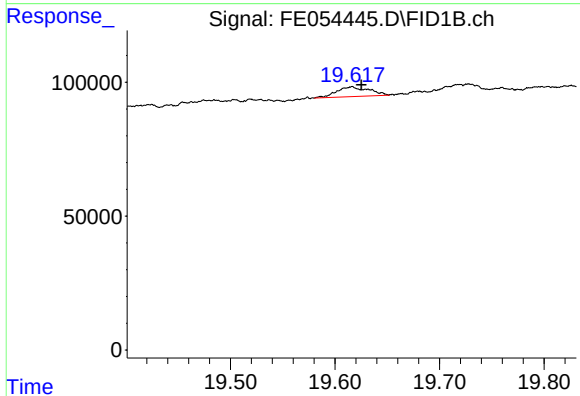
R.T.: 17.987 min
Delta R.T.: -0.018 min
Response: 51292
Conc: 0.41 ug/ml



#18 n-Dotriacontane (C32)

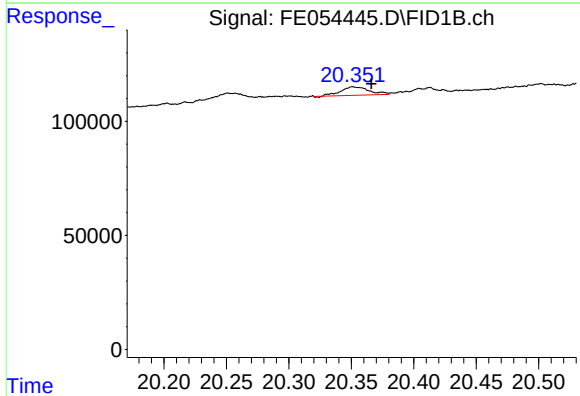
R.T.: 18.822 min
Delta R.T.: -0.017 min
Response: 73492
Conc: 0.58 ug/ml

Instrument :
FID_E
ClientSampleId :
AU-05-061125



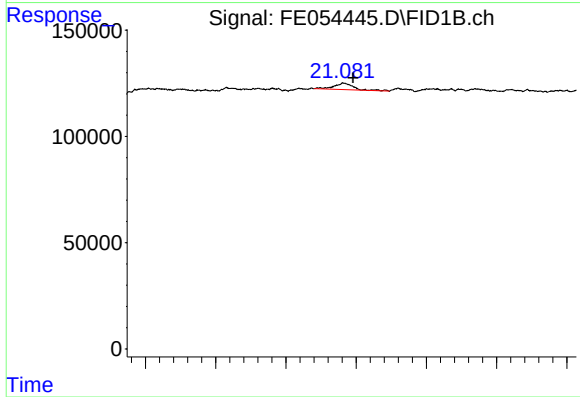
#19 n-Tetratriacontane (C34)

R.T.: 19.616 min
Delta R.T.: -0.010 min
Response: 77909
Conc: 0.63 ug/ml



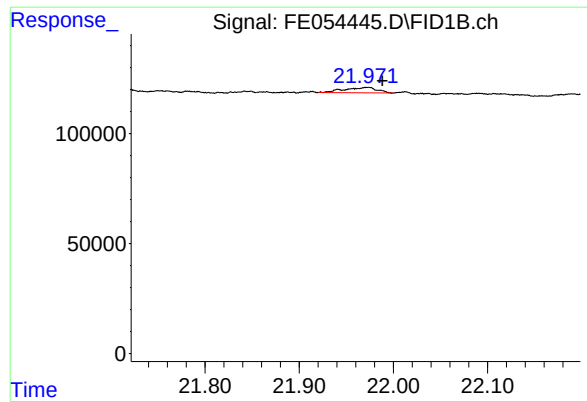
#20 n-Hexatriacontane (C36)

R.T.: 20.352 min
Delta R.T.: -0.014 min
Response: 58047
Conc: 0.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.082 min
Delta R.T.: -0.013 min
Response: 58240
Conc: 0.44 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.972 min
Delta R.T.: -0.016 min
Response: 58677
Conc: 0.44 ug/ml

Instrument :
FID_E
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AU-05-061125