

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061625AL\
 Data File : FE054419.D
 Signal(s) : FID1B.ch
 Acq On : 16 Jun 2025 22:18
 Operator : YP\AJ
 Sample : Q2324-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 HD-01-6132025

Integration File: sample.E
 Quant Time: Jun 17 03:29:38 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)	11.828	7232126	43.769 ug/ml
Spiked Amount 50.000		Recovery =	87.54%
12) S 1-chlorooctadecane (S...	13.272	6594789	54.078 ug/ml
Spiked Amount 50.000		Recovery =	108.16%
Target Compounds			
6) T n-Tetradecane (C14)	8.454	31574	0.244 ug/ml
7) T n-Hexadecane (C16)	10.066	73359	0.552 ug/ml
8) T n-Octadecane (C18)	11.510	116195	0.860 ug/ml
10) T n-Eicosane (C20)	12.823	387715	2.898 ug/ml
11) T n-Heneicosane (C21)	13.438	256027	1.925 ug/ml
13) T n-Docosane (C22)	14.025	499286	3.808 ug/ml
14) T n-Tetracosane (C24)	15.121	2268396	17.585 ug/ml
15) T n-Hexacosane (C26)	16.154	1093751	8.713 ug/ml
16) T n-Octacosane (C28)	17.141	3909237	31.878 ug/ml
17) T n-Tricontane (C30)	17.993	3119201	25.167 ug/ml
18) T n-Dotriacontane (C32)	18.830	8628183	68.671 ug/ml
19) T n-Tetratriacontane (C34)	19.634	18012786	144.789 ug/ml
20) T n-Hexatriacontane (C36)	20.361	8640824	67.123 ug/ml
21) T n-Octatriacontane (C38)	21.085	12449207	94.282 ug/ml
22) T n-Tetracontane (C40)	21.976	12668519	94.046 ug/ml

(f)=RT Delta > 1/2 Window

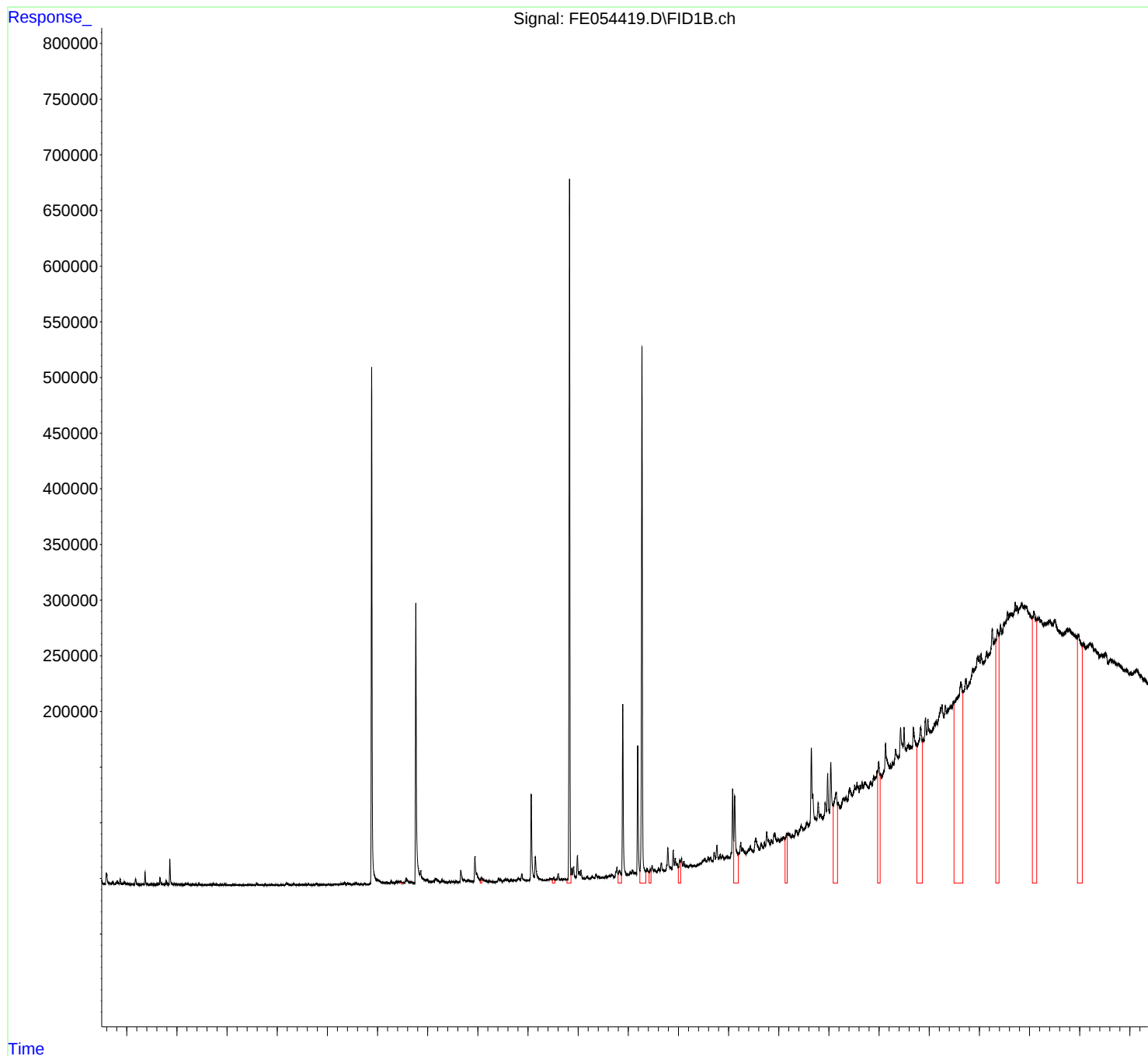
(m)=manual int.

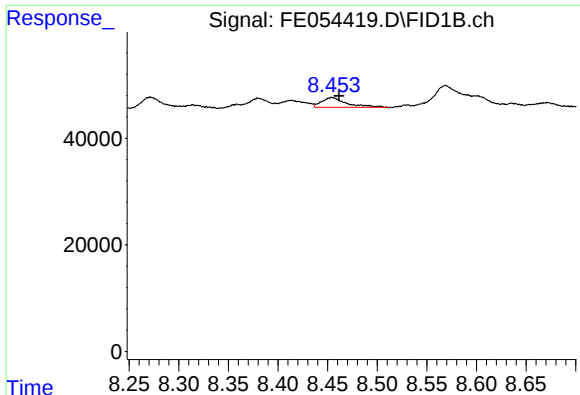
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061625AL\
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Signal Info : 20M x 0.18mm x 0.18um

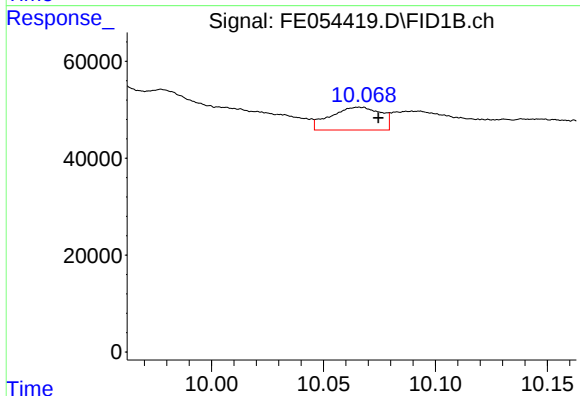




#6 n-Tetradecane (C14)

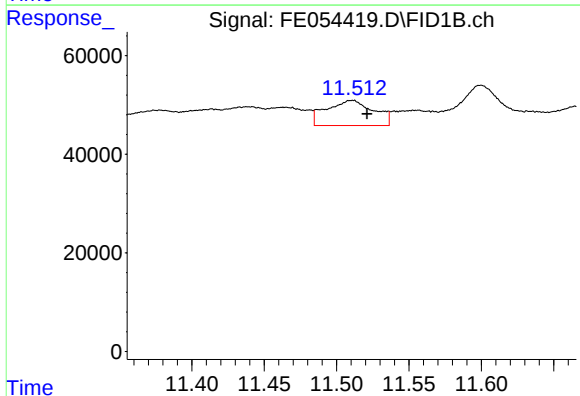
R.T.: 8.454 min
Delta R.T.: -0.007 min
Response: 31574
Conc: 0.24 ug/ml

Instrument :
FID_E
ClientSampleId :
HD-01-6132025



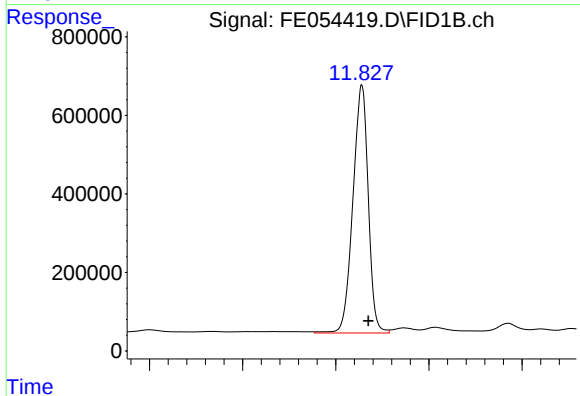
#7 n-Hexadecane (C16)

R.T.: 10.066 min
Delta R.T.: -0.009 min
Response: 73359
Conc: 0.55 ug/ml



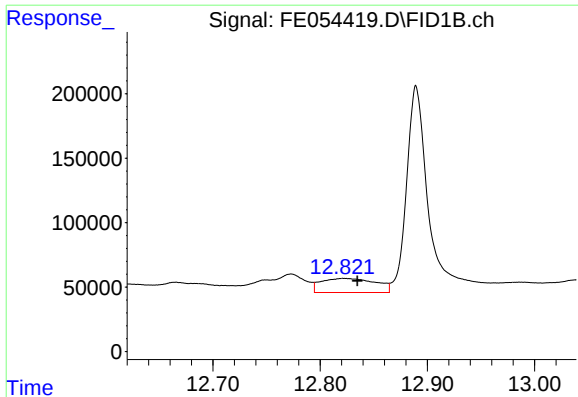
#8 n-Octadecane (C18)

R.T.: 11.510 min
Delta R.T.: -0.011 min
Response: 116195
Conc: 0.86 ug/ml



#9 ortho-Terphenyl (SURR)

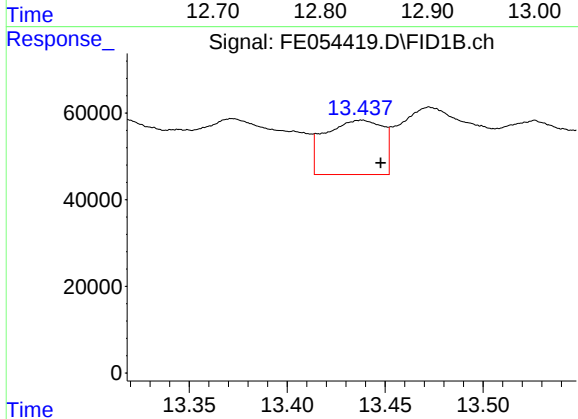
R.T.: 11.828 min
Delta R.T.: -0.007 min
Response: 7232126
Conc: 43.77 ug/ml



#10 n-Eicosane (C20)

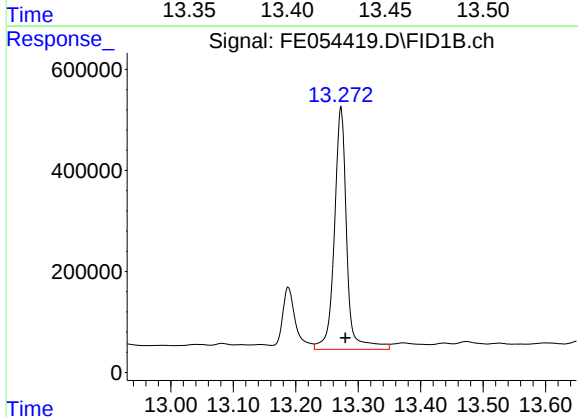
R.T.: 12.823 min
Delta R.T.: -0.012 min
Response: 387715
Conc: 2.90 ug/ml

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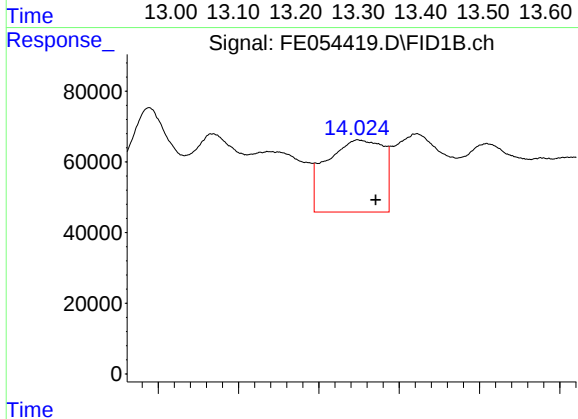
#11 n-Heneicosane (C21)

R.T.: 13.438 min
Delta R.T.: -0.010 min
Response: 256027
Conc: 1.93 ug/ml



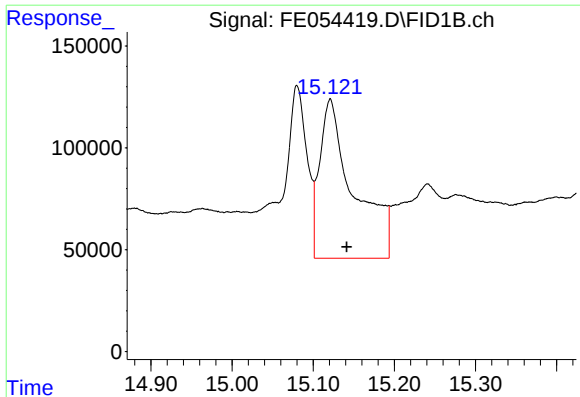
#12 1-chlorooctadecane (SURR)

R.T.: 13.272 min
Delta R.T.: -0.007 min
Response: 6594789
Conc: 54.08 ug/ml



#13 n-Docosane (C22)

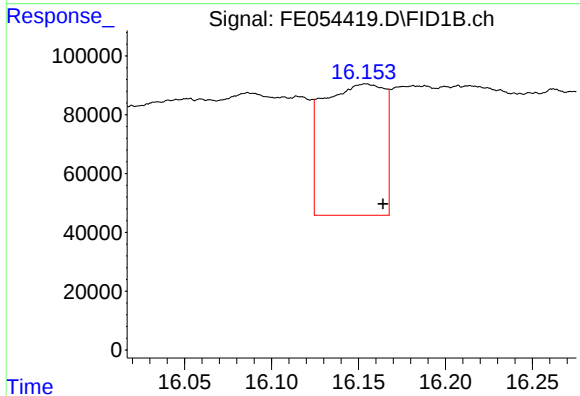
R.T.: 14.025 min
Delta R.T.: -0.010 min
Response: 499286
Conc: 3.81 ug/ml



#14 n-Tetracosane (C24)

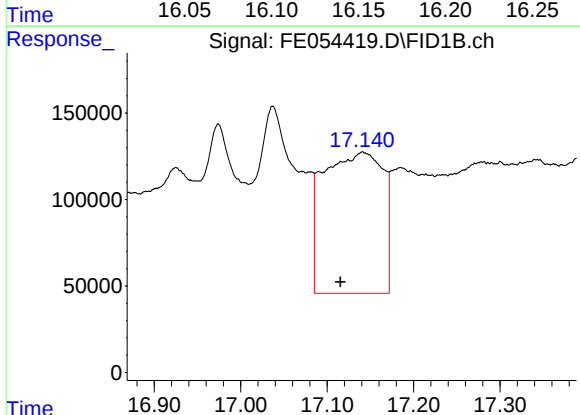
R.T.: 15.121 min
Delta R.T.: -0.020 min
Response: 2268396
Conc: 17.59 ug/ml

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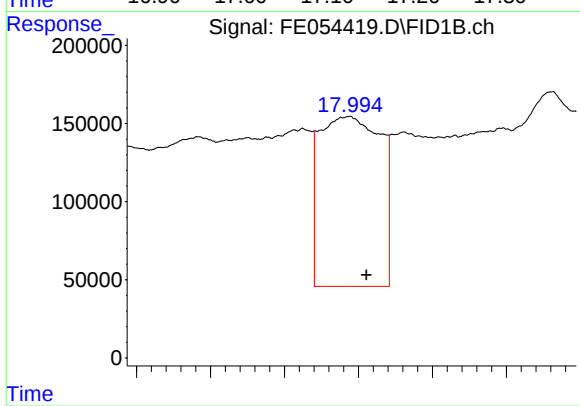
#15 n-Hexacosane (C26)

R.T.: 16.154 min
Delta R.T.: -0.010 min
Response: 1093751
Conc: 8.71 ug/ml



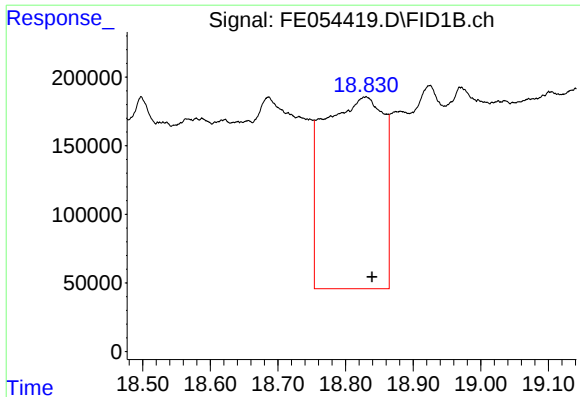
#16 n-Octacosane (C28)

R.T.: 17.141 min
Delta R.T.: 0.026 min
Response: 3909237
Conc: 31.88 ug/ml



#17 n-Tricontane (C30)

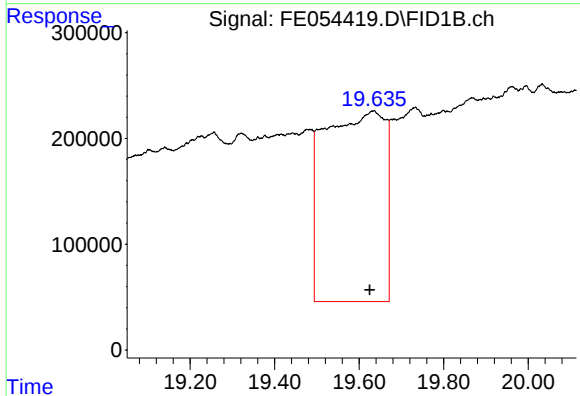
R.T.: 17.993 min
Delta R.T.: -0.013 min
Response: 3119201
Conc: 25.17 ug/ml



#18 n-Dotriacontane (C32)

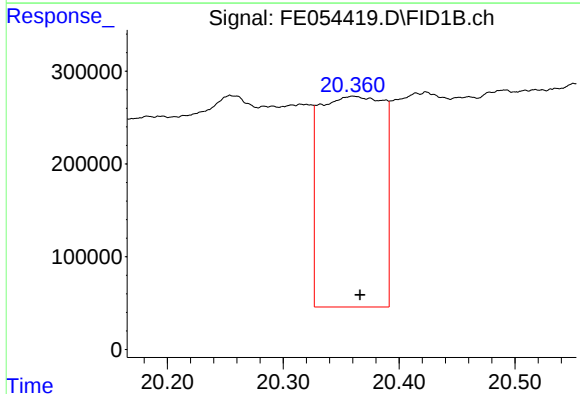
R.T.: 18.830 min
Delta R.T.: -0.009 min
Response: 8628183
Conc: 68.67 ug/ml

Instrument :
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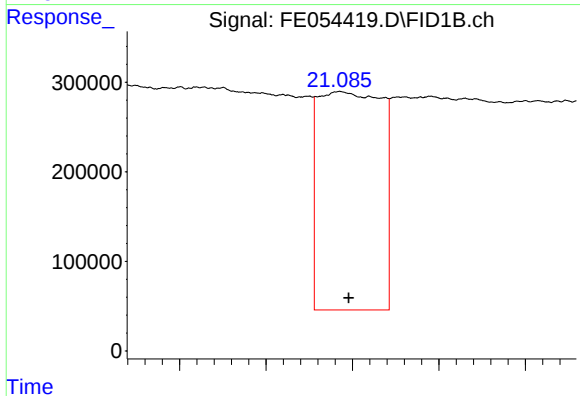
#19 n-Tetratriacontane (C34)

R.T.: 19.634 min
Delta R.T.: 0.009 min
Response: 18012786
Conc: 144.79 ug/ml



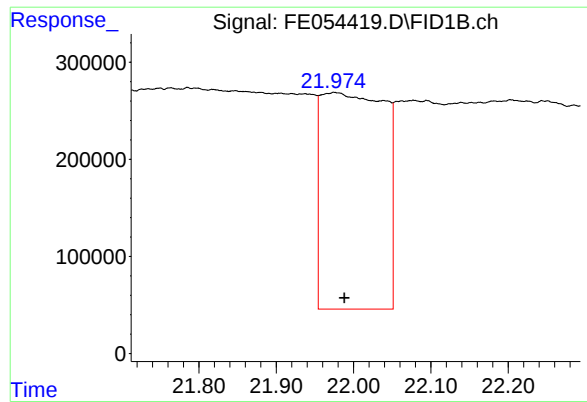
#20 n-Hexatriacontane (C36)

R.T.: 20.361 min
Delta R.T.: -0.006 min
Response: 8640824
Conc: 67.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.085 min
Delta R.T.: -0.011 min
Response: 12449207
Conc: 94.28 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.976 min
Delta R.T.: -0.012 min
Response: 12668519
Conc: 94.05 ug/ml

Instrument :

FID_E

ClientSampleId :

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