

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091725AL\
 Data File : FE055881.D
 Signal(s) : FID1B.ch
 Acq On : 17 Sep 2025 18:40
 Operator : YP\AJ
 Sample : Q3117-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 7211986-357

Integration File: autoint1.e
 Quant Time: Sep 18 01:31:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 08:12:09 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)	12.084	12319608	74.990 ug/ml
Spiked Amount 50.000		Recovery =	149.98%
12) S 1-chlorooctadecane (S...	13.523	5087108	40.682 ug/ml
Spiked Amount 50.000		Recovery =	81.36%
Target Compounds			
6) T n-Tetradecane (C14)	8.692	222205	1.687 ug/ml
7) T n-Hexadecane (C16)	10.314	290662	2.099 ug/ml
8) T n-Octadecane (C18)	11.756	2156091	14.782 ug/ml
10) T n-Eicosane (C20)	13.074	1132060	7.864 ug/ml
11) T n-Heneicosane (C21)	13.678	298694	2.091 ug/ml
13) T n-Docosane (C22)	14.290	1307504	9.134 ug/ml
14) T n-Tetracosane (C24)	15.374	733531	5.069 ug/ml
15) T n-Hexacosane (C26)	16.369	78644	0.550 ug/ml
16) T n-Octacosane (C28)	17.358	382153	2.687 ug/ml
17) T n-Tricontane (C30)	18.260	1818007	12.299 ug/ml
18) T n-Dotriacontane (C32)	19.080	616224	4.198 ug/ml
19) T n-Tetratriacontane (C34)	19.868	379586	2.687 ug/ml
20) T n-Hexatriacontane (C36)	20.612	266140	2.017 ug/ml
21) T n-Octatriacontane (C38)	21.364	525439	4.034 ug/ml
22) T n-Tetracontane (C40)	22.383	348937	2.721 ug/ml

(f)=RT Delta > 1/2 Window

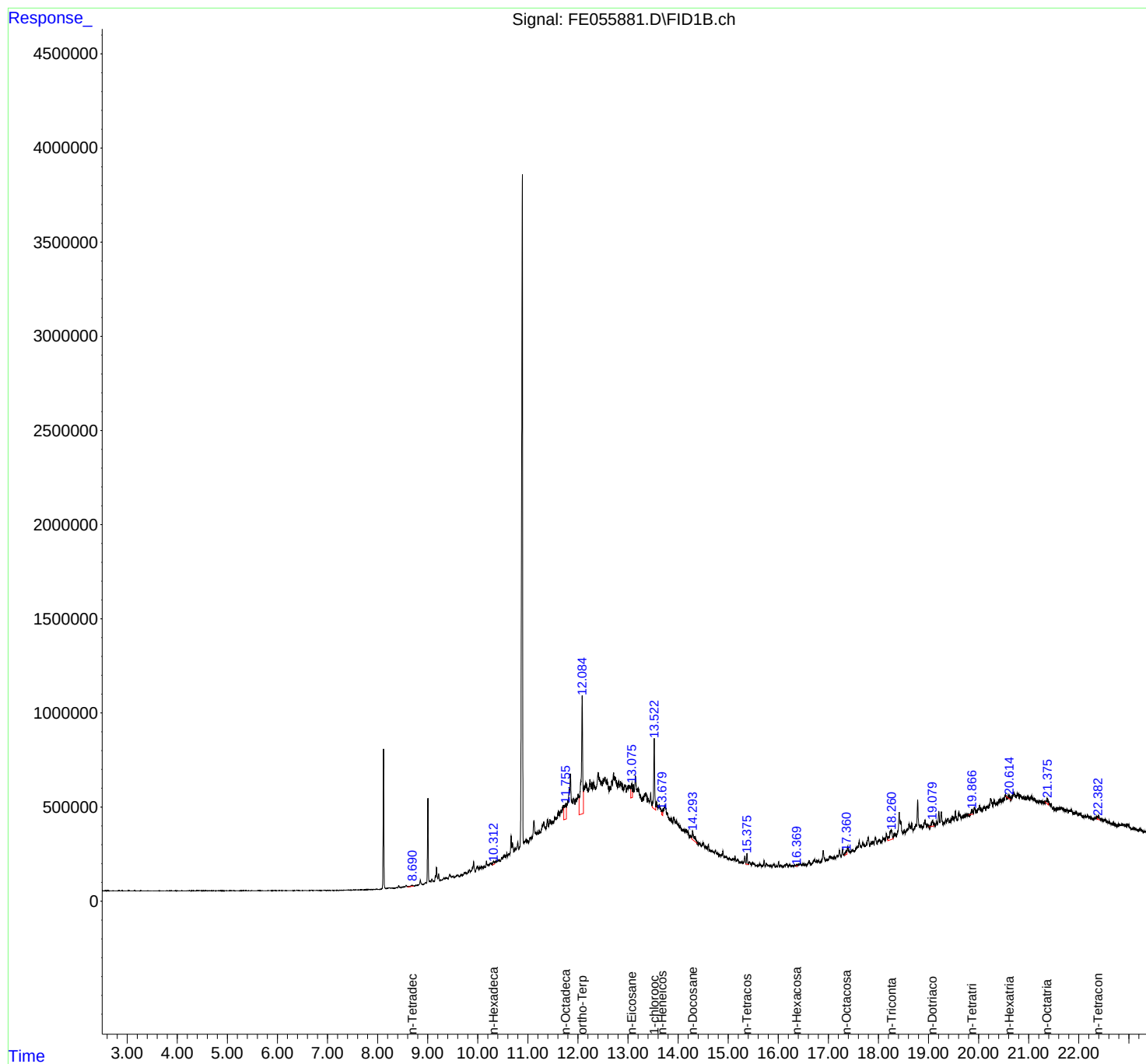
(m)=manual int.

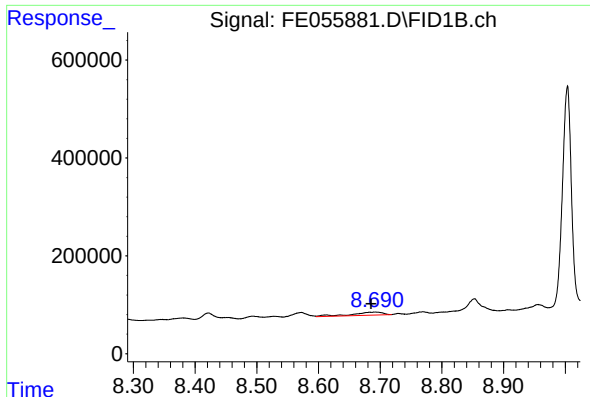
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Signal Info : 20M x 0.18mm x 0.18um

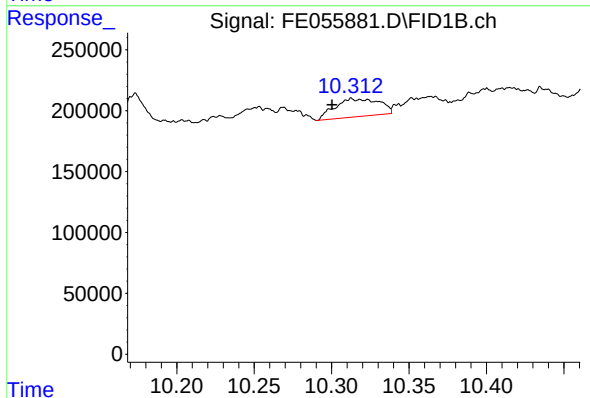




#6 n-Tetradecane (C14)

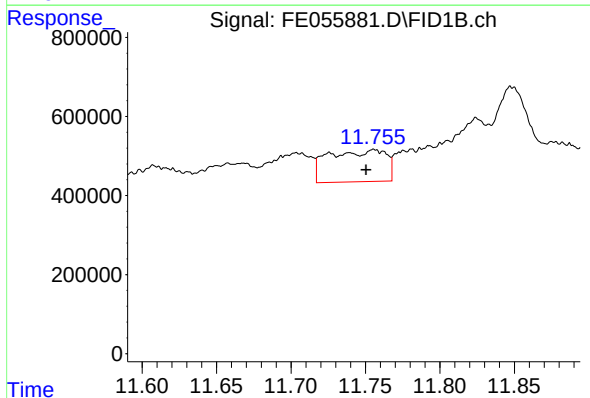
R.T.: 8.692 min
Delta R.T.: 0.007 min
Response: 222205
Conc: 1.69 ug/ml

Instrument :
FID_E
ClientSampleId :
7211986-357



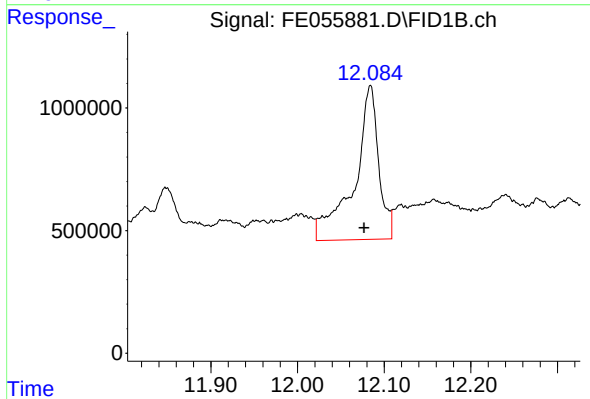
#7 n-Hexadecane (C16)

R.T.: 10.314 min
Delta R.T.: 0.014 min
Response: 290662
Conc: 2.10 ug/ml



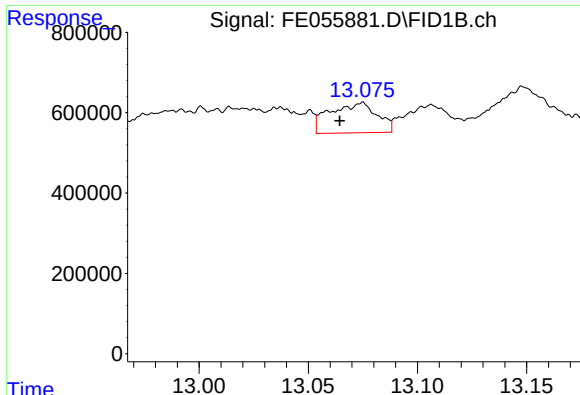
#8 n-Octadecane (C18)

R.T.: 11.756 min
Delta R.T.: 0.006 min
Response: 2156091
Conc: 14.78 ug/ml



#9 ortho-Terphenyl (SURR)

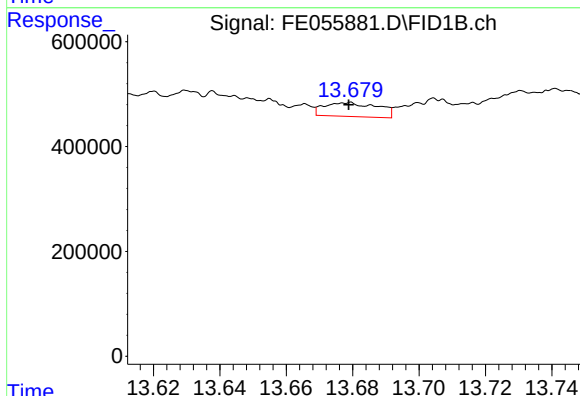
R.T.: 12.084 min
Delta R.T.: 0.007 min
Response: 12319608
Conc: 74.99 ug/ml



#10 n-Eicosane (C20)

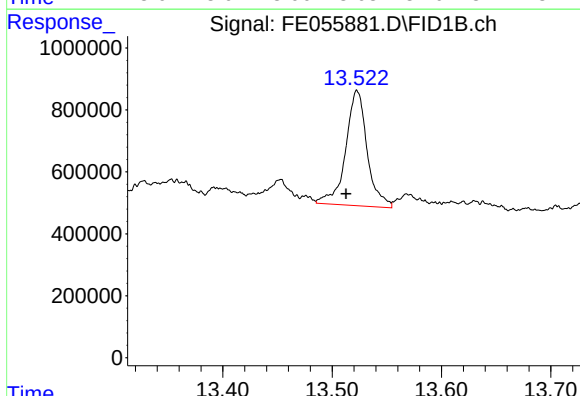
R.T.: 13.074 min
Delta R.T.: 0.009 min
Response: 1132060
Conc: 7.86 ug/ml

Instrument :
FID_E
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7211986-357



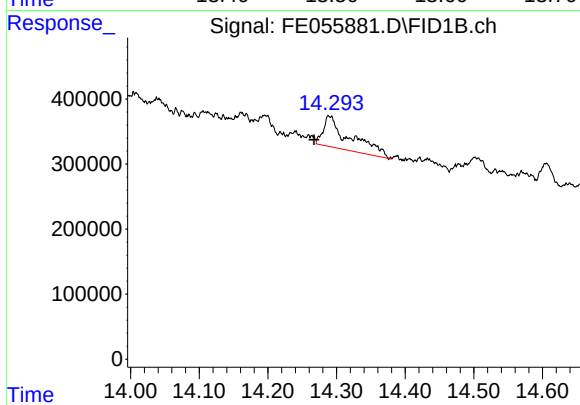
#11 n-Heneicosane (C21)

R.T.: 13.678 min
Delta R.T.: 0.000 min
Response: 298694
Conc: 2.09 ug/ml



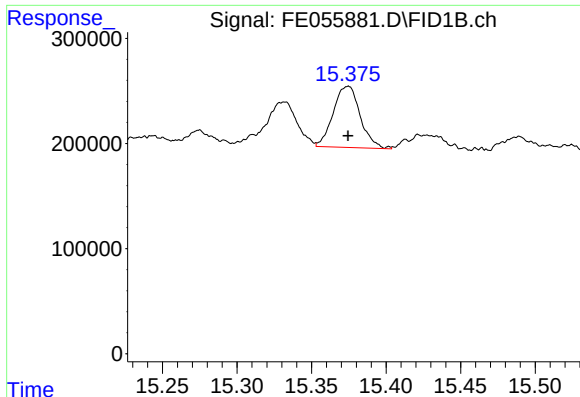
#12 1-chlorooctadecane (SURR)

R.T.: 13.523 min
Delta R.T.: 0.010 min
Response: 5087108
Conc: 40.68 ug/ml



#13 n-Docosane (C22)

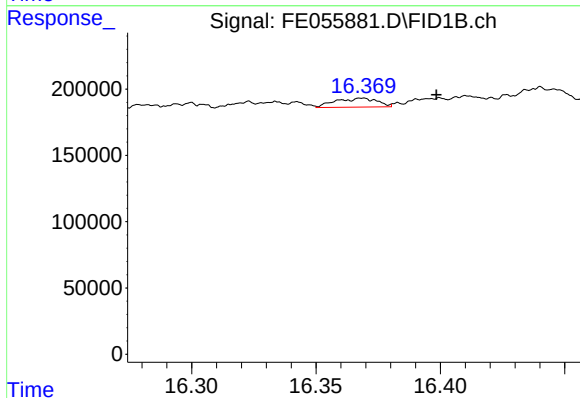
R.T.: 14.290 min
Delta R.T.: 0.023 min
Response: 1307504
Conc: 9.13 ug/ml



#14 n-Tetracosane (C24)

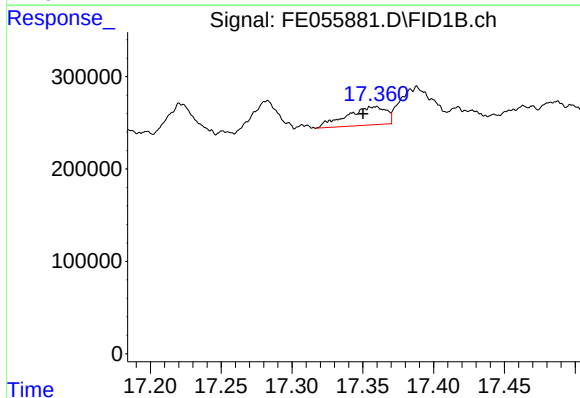
R.T.: 15.374 min
Delta R.T.: 0.000 min
Response: 733531
Conc: 5.07 ug/ml

Instrument :
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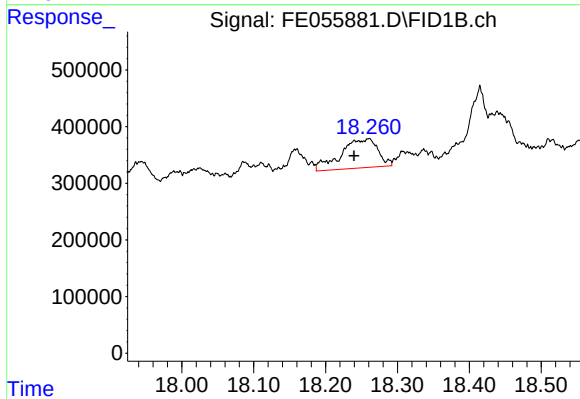
#15 n-Hexacosane (C26)

R.T.: 16.369 min
Delta R.T.: -0.030 min
Response: 78644
Conc: 0.55 ug/ml



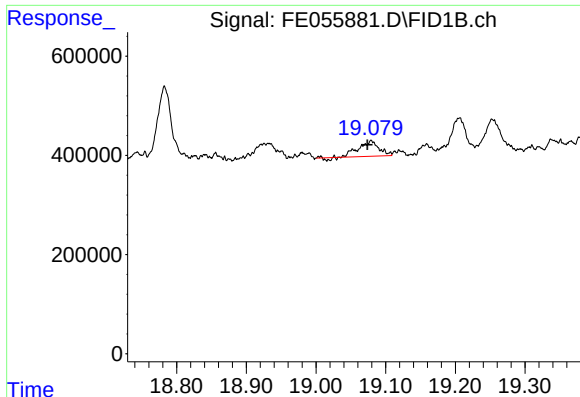
#16 n-Octacosane (C28)

R.T.: 17.358 min
Delta R.T.: 0.008 min
Response: 382153
Conc: 2.69 ug/ml



#17 n-Tricontane (C30)

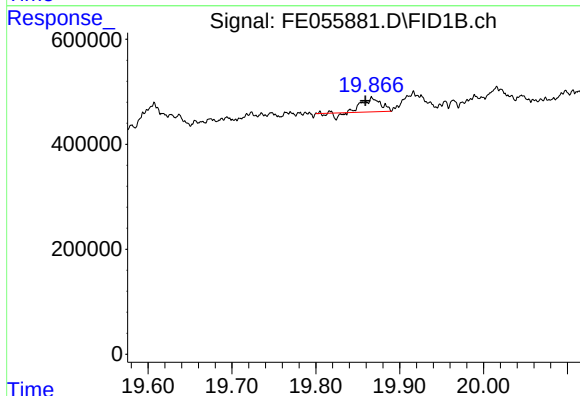
R.T.: 18.260 min
Delta R.T.: 0.020 min
Response: 1818007
Conc: 12.30 ug/ml



#18 n-Dotriacontane (C32)

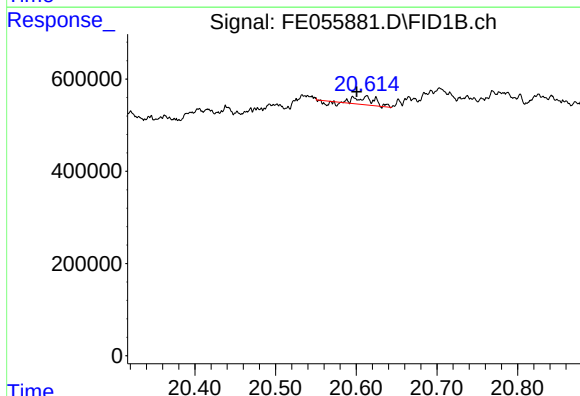
R.T.: 19.080 min
Delta R.T.: 0.006 min
Response: 616224
Conc: 4.20 ug/ml

Instrument :
FID_E
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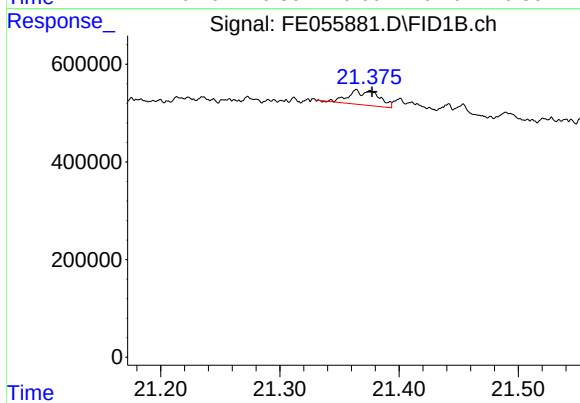
#19 n-Tetratriacontane (C34)

R.T.: 19.868 min
Delta R.T.: 0.009 min
Response: 379586
Conc: 2.69 ug/ml



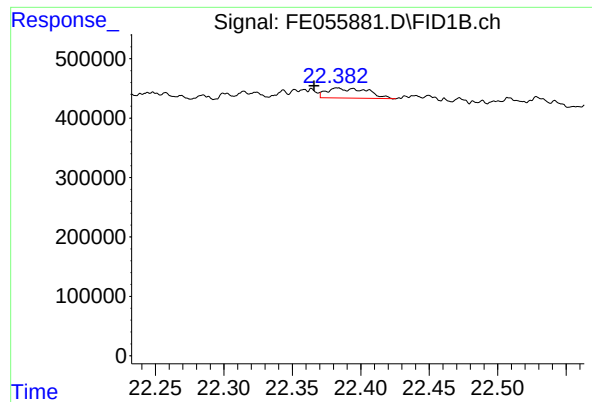
#20 n-Hexatriacontane (C36)

R.T.: 20.612 min
Delta R.T.: 0.012 min
Response: 266140
Conc: 2.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.364 min
Delta R.T.: -0.013 min
Response: 525439
Conc: 4.03 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.383 min
Delta R.T.: 0.017 min
Response: 348937
Conc: 2.72 ug/ml

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