

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040725AL\
 Data File : FE053214.D
 Signal(s) : FID1B.ch
 Acq On : 07 Apr 2025 16:21
 Operator : YP\AJ
 Sample : Q1732-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 08 01:22:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:44:53 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)	11.896	4742496	29.116 ug/ml
Spiked Amount 50.000		Recovery =	58.23%
12) S 1-chlorooctadecane (S...	13.341	3803060	31.680 ug/ml
Spiked Amount 50.000		Recovery =	63.36%
Target Compounds			
1) T n-Nonane (C9)	3.231	123339	0.797 ug/ml
2) T n-Decane (C10)	4.496	199271	1.270 ug/ml
6) T n-Tetradecane (C14)	8.516	107059	0.699 ug/ml
7) T n-Hexadecane (C16)	10.130	157713	1.023 ug/ml
8) T n-Octadecane (C18)	11.579	132173	0.871 ug/ml
10) T n-Eicosane (C20)	12.895	289895	2.033 ug/ml
11) T n-Heneicosane (C21)	13.510	320944	2.313 ug/ml
13) T n-Docosane (C22)	14.098	367371	2.682 ug/ml
14) T n-Tetracosane (C24)	15.184	910755	6.743 ug/ml
15) T n-Hexacosane (C26)	16.230	821359	6.157 ug/ml
16) T n-Octacosane (C28)	17.189	1293469	9.801 ug/ml
17) T n-Tricontane (C30)	18.076	1005068	7.415 ug/ml
18) T n-Dotriacontane (C32)	18.914	1180170	8.770 ug/ml
19) T n-Tetratriacontane (C34)	19.701	1481981	11.453 ug/ml
20) T n-Hexatriacontane (C36)	20.448	485949	4.091 ug/ml
21) T n-Octatriacontane (C38)	21.188	457242	3.978 ug/ml
22) T n-Tetracontane (C40)	22.112	494854	4.406 ug/ml

(f)=RT Delta > 1/2 Window

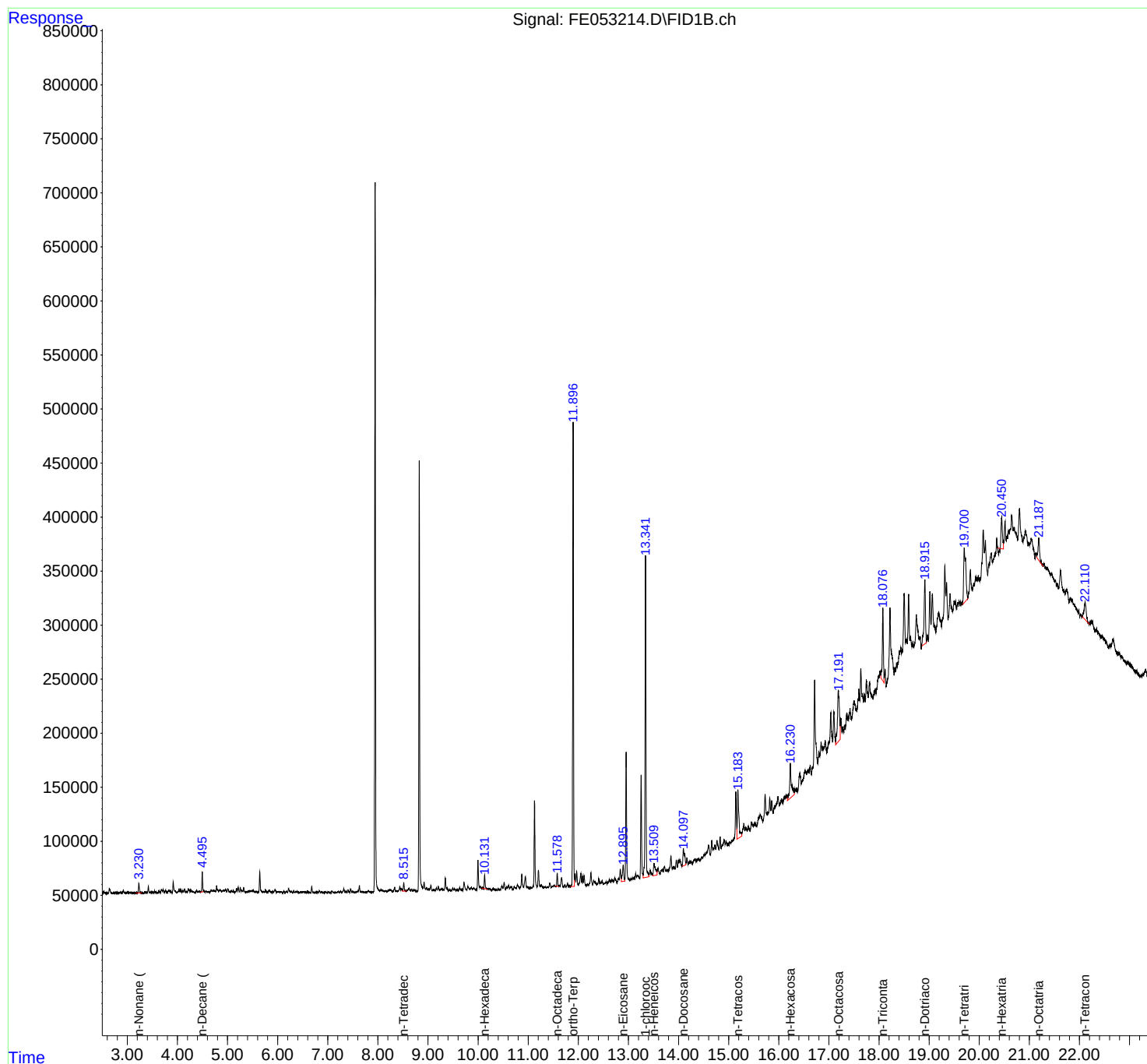
(m)=manual int.

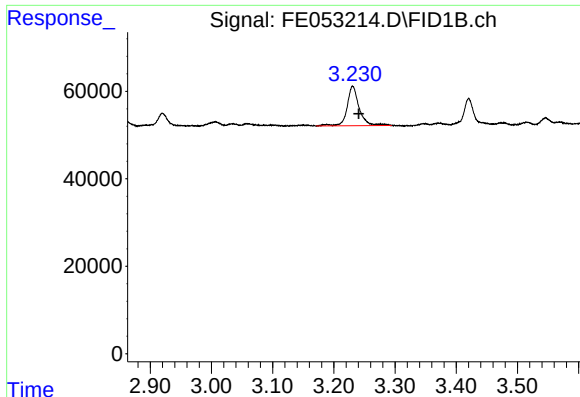
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Signal Info : 20M x 0.18mm x 0.18um

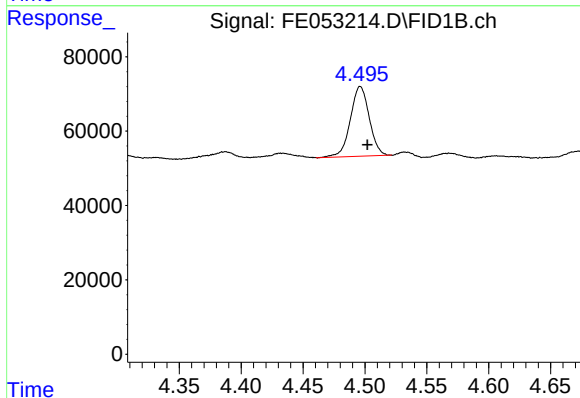




#1 n-Nonane (C9)

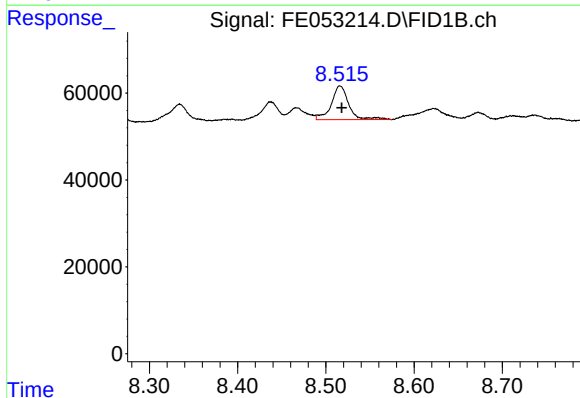
R.T.: 3.231 min
Delta R.T.: -0.010 min
Response: 123339
Conc: 0.80 ug/ml

Instrument :
FID_E
ClientSampleId :



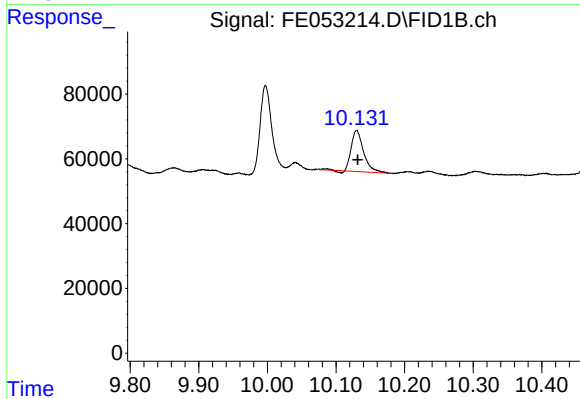
#2 n-Decane (C10)

R.T.: 4.496 min
Delta R.T.: -0.006 min
Response: 199271
Conc: 1.27 ug/ml



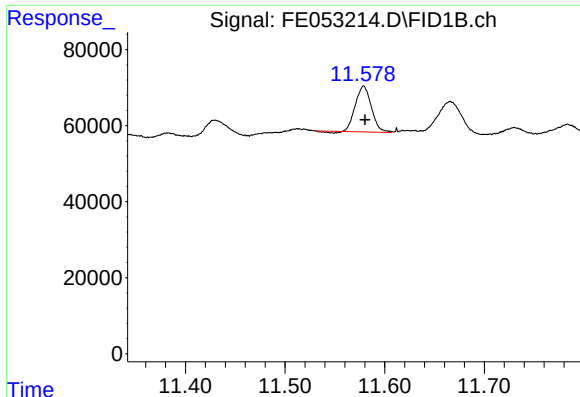
#6 n-Tetradecane (C14)

R.T.: 8.516 min
Delta R.T.: -0.002 min
Response: 107059
Conc: 0.70 ug/ml



#7 n-Hexadecane (C16)

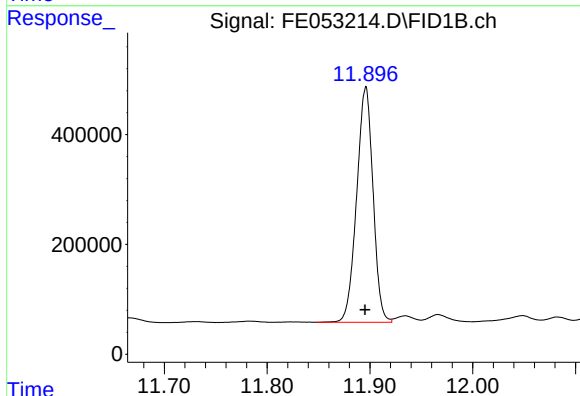
R.T.: 10.130 min
Delta R.T.: -0.002 min
Response: 157713
Conc: 1.02 ug/ml



#8 n-Octadecane (C18)

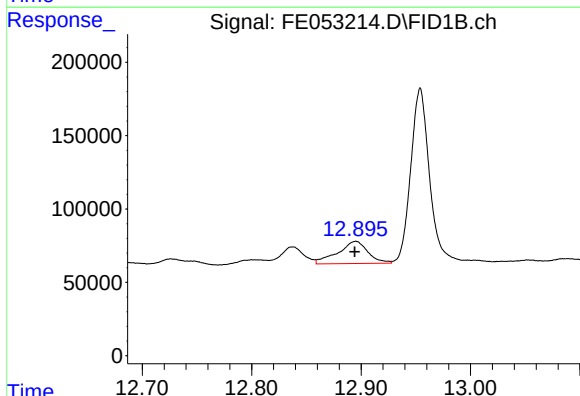
R.T.: 11.579 min
Delta R.T.: -0.001 min
Response: 132173
Conc: 0.87 ug/ml

Instrument :
FID_E
ClientSampleId :



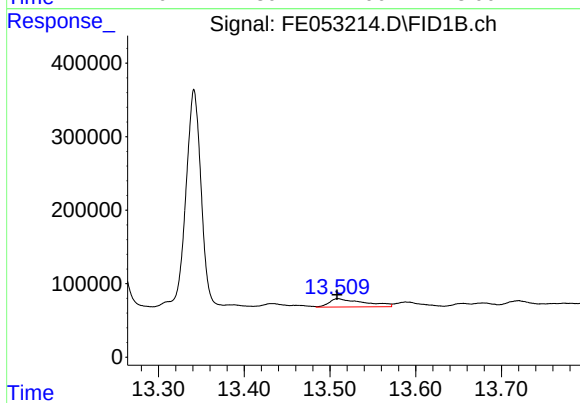
#9 ortho-Terphenyl (SURR)

R.T.: 11.896 min
Delta R.T.: 0.000 min
Response: 4742496
Conc: 29.12 ug/ml



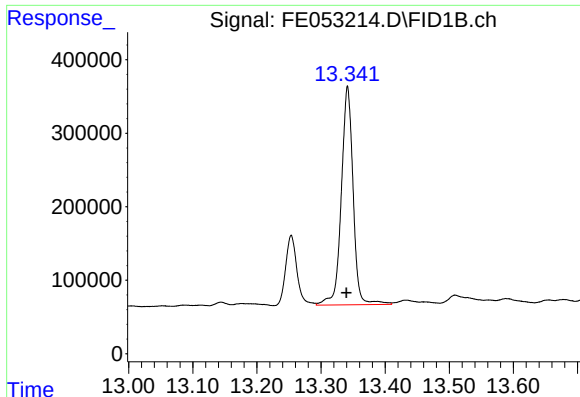
#10 n-Eicosane (C20)

R.T.: 12.895 min
Delta R.T.: 0.000 min
Response: 289895
Conc: 2.03 ug/ml



#11 n-Heneicosane (C21)

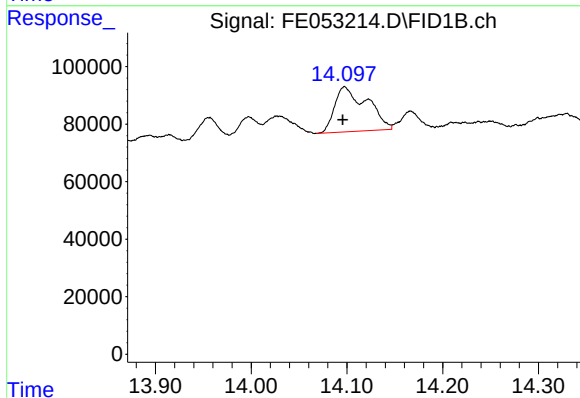
R.T.: 13.510 min
Delta R.T.: 0.002 min
Response: 320944
Conc: 2.31 ug/ml



#12 1-chlorooctadecane (SURR)

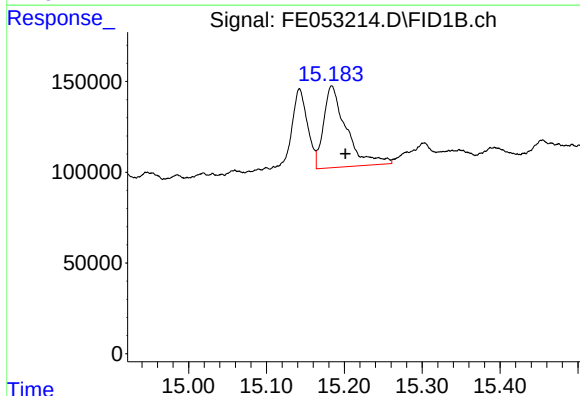
R.T.: 13.341 min
Delta R.T.: 0.002 min
Response: 3803060
Conc: 31.68 ug/ml

Instrument :
FID_E
ClientSampleId :



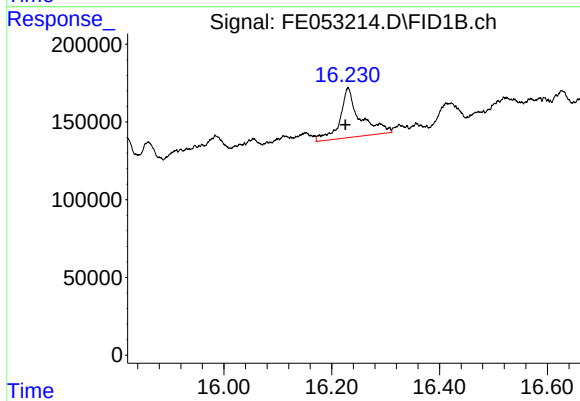
#13 n-Docosane (C22)

R.T.: 14.098 min
Delta R.T.: 0.002 min
Response: 367371
Conc: 2.68 ug/ml



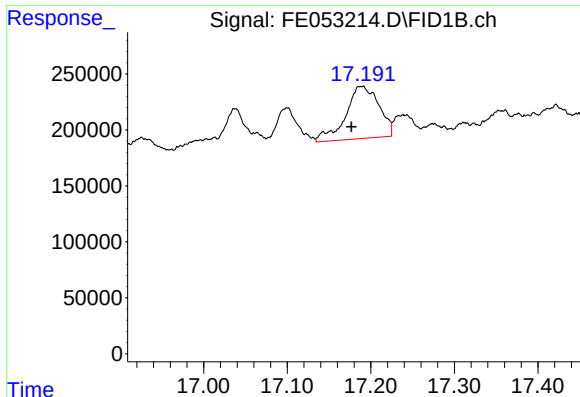
#14 n-Tetracosane (C24)

R.T.: 15.184 min
Delta R.T.: -0.017 min
Response: 910755
Conc: 6.74 ug/ml



#15 n-Hexacosane (C26)

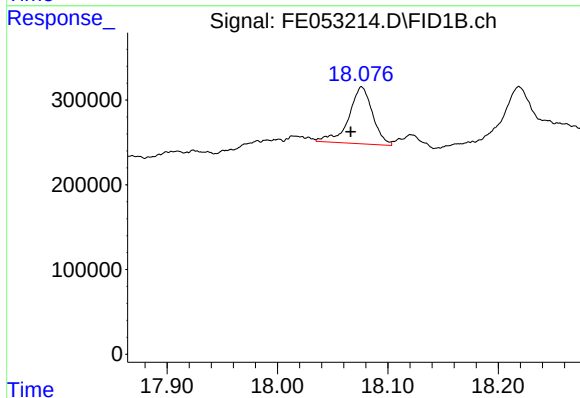
R.T.: 16.230 min
Delta R.T.: 0.005 min
Response: 821359
Conc: 6.16 ug/ml



#16 n-Octacosane (C28)

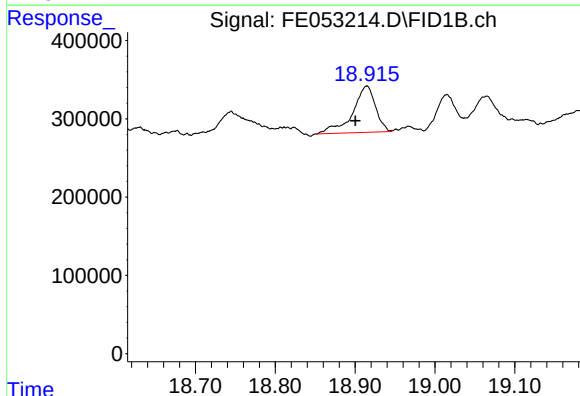
R.T.: 17.189 min
Delta R.T.: 0.012 min
Response: 1293469
Conc: 9.80 ug/ml

Instrument :
FID_E
ClientSampleId :



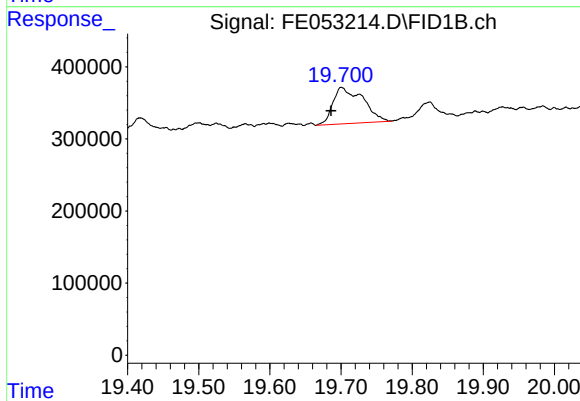
#17 n-Tricontane (C30)

R.T.: 18.076 min
Delta R.T.: 0.010 min
Response: 1005068
Conc: 7.42 ug/ml



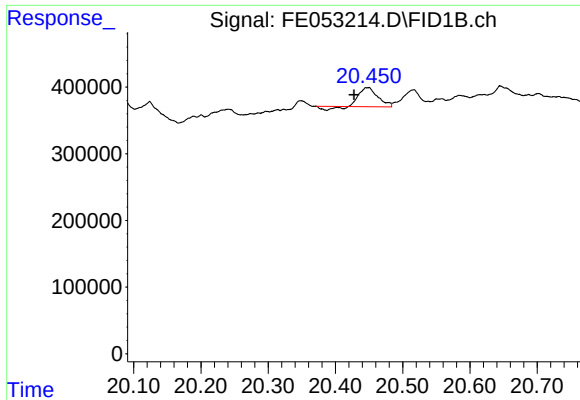
#18 n-Dotriacontane (C32)

R.T.: 18.914 min
Delta R.T.: 0.014 min
Response: 1180170
Conc: 8.77 ug/ml



#19 n-Tetratriacontane (C34)

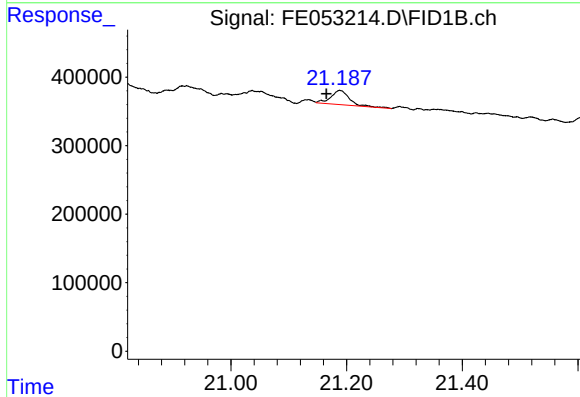
R.T.: 19.701 min
Delta R.T.: 0.015 min
Response: 1481981
Conc: 11.45 ug/ml



#20 n-Hexatriacontane (C36)

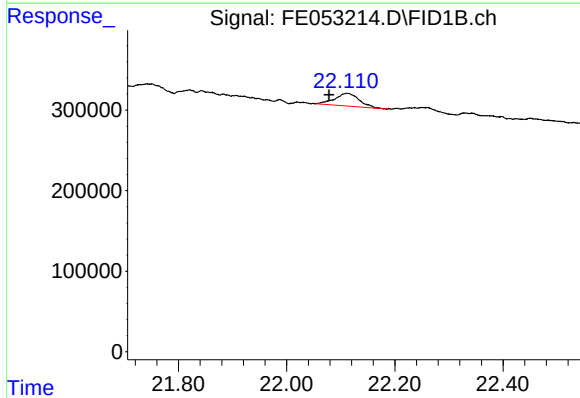
R.T.: 20.448 min
Delta R.T.: 0.020 min
Response: 485949
Conc: 4.09 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.188 min
Delta R.T.: 0.023 min
Response: 457242
Conc: 3.98 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.112 min
Delta R.T.: 0.033 min
Response: 494854
Conc: 4.41 ug/ml