

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052225AL\
 Data File : FE053984.D
 Signal(s) : FID1B.ch
 Acq On : 22 May 2025 19:42
 Operator : YP\AJ
 Sample : Q2102-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LAW-25-0077-E2

Integration File: autoint1.e
 Quant Time: May 23 01:32:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 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)	11.829	353307233	2174.038 ug/ml
Spiked Amount 50.000		Recovery	= 4348.08%
12) S 1-chlorooctadecane (S...	13.302	112806151	951.554 ug/ml
Spiked Amount 50.000		Recovery	= 1903.11%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.189	157714	1.097 ug/ml
4) T n-Dodecane (C12)	6.638	721134	5.287 ug/ml
5) T A~2-methylnaphthalene...	7.272	989906	7.137 ug/ml
6) T n-Tetradecane (C14)	8.465	4132351	30.622 ug/ml
7) T n-Hexadecane (C16)	10.114	23404918	173.454 ug/ml
8) T n-Octadecane (C18)	11.542	7519169	55.838 ug/ml
10) T n-Eicosane (C20)	12.820	129230707	983.276 ug/ml
11) T n-Heneicosane (C21)	13.462	60008357	462.871 ug/ml
13) T n-Docosane (C22)	14.068	94130443	737.838 ug/ml
14) T n-Tetracosane (C24)	15.163	4638960	37.077 ug/ml
15) T n-Hexacosane (C26)	16.229f	556491	4.545 ug/ml
17) T n-Tricontane (C30)	18.031	598171	4.802 ug/ml
19) T n-Tetratriacontane (C34)	19.616	253299	2.126 ug/ml
20) T n-Hexatriacontane (C36)	20.388	2196507	18.970 ug/ml
21) T n-Octatriacontane (C38)	21.145	250702	2.304 ug/ml
22) T n-Tetracontane (C40)	21.974	239152	2.410 ug/ml

(f)=RT Delta > 1/2 Window

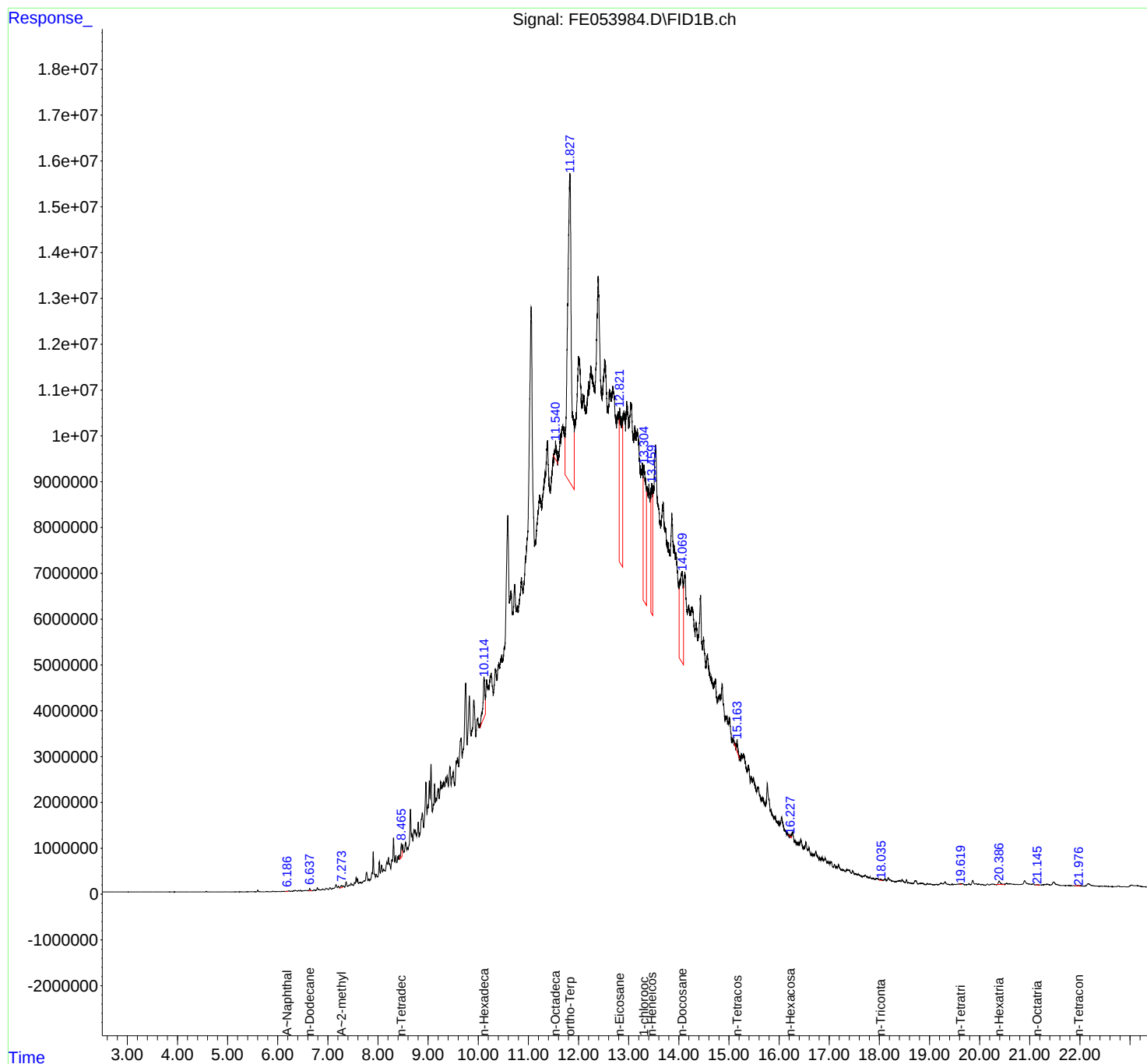
(m)=manual int.

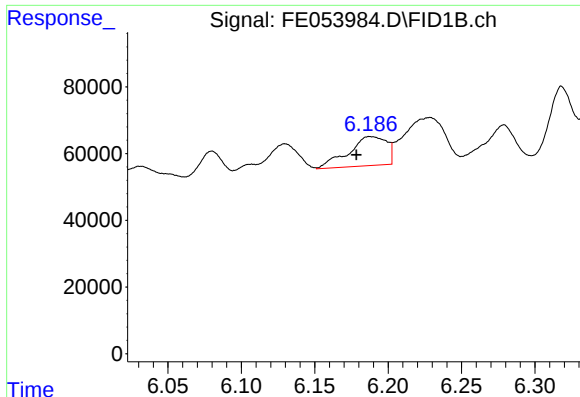
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052225AL\
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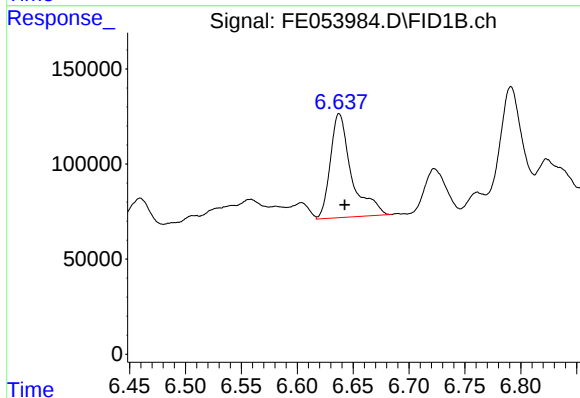




#3 A~Naphthalene (C11.7)

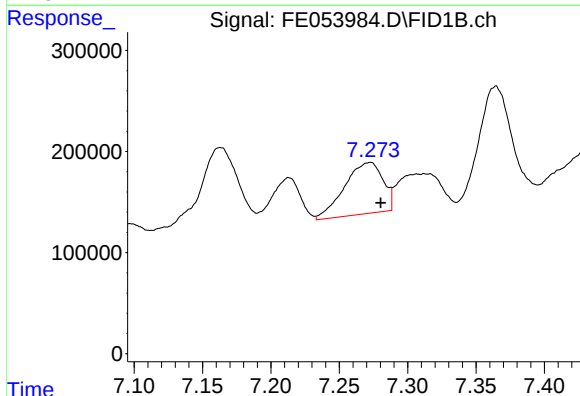
R.T.: 6.189 min
Delta R.T.: 0.010 min
Response: 157714
Conc: 1.10 ug/ml

Instrument :
FID_E
ClientSampleId :
LAW-25-0077-E2



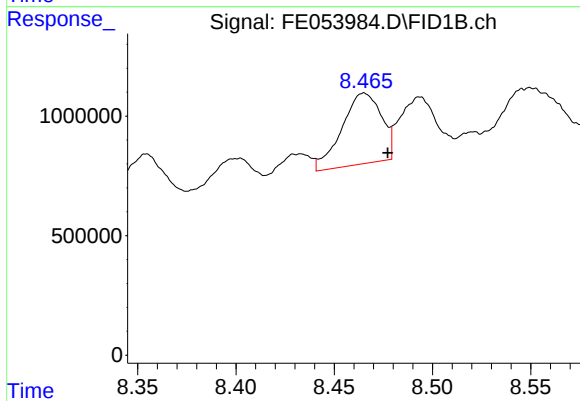
#4 n-Dodecane (C12)

R.T.: 6.638 min
Delta R.T.: -0.005 min
Response: 721134
Conc: 5.29 ug/ml



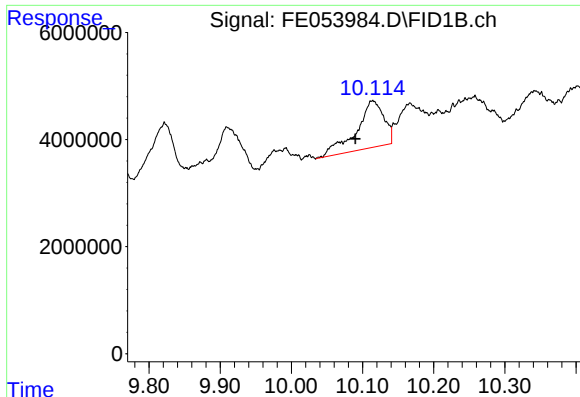
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.272 min
Delta R.T.: -0.009 min
Response: 989906
Conc: 7.14 ug/ml



#6 n-Tetradecane (C14)

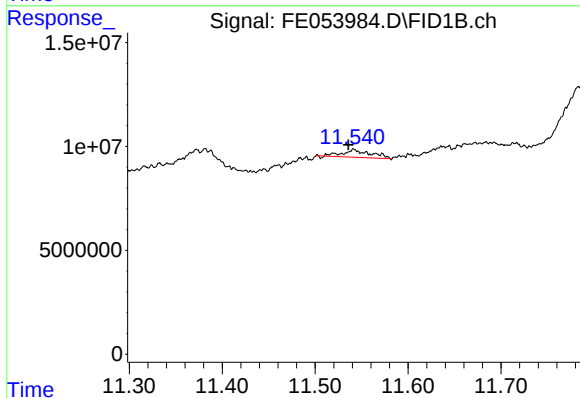
R.T.: 8.465 min
Delta R.T.: -0.012 min
Response: 4132351
Conc: 30.62 ug/ml



#7 n-Hexadecane (C16)

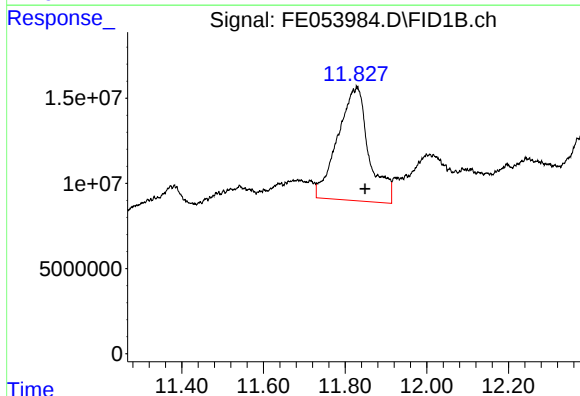
R.T.: 10.114 min
Delta R.T.: 0.025 min
Response: 23404918
Conc: 173.45 ug/ml

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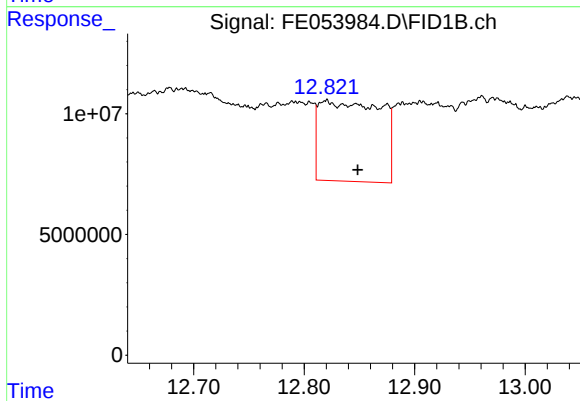
#8 n-Octadecane (C18)

R.T.: 11.542 min
Delta R.T.: 0.006 min
Response: 7519169
Conc: 55.84 ug/ml



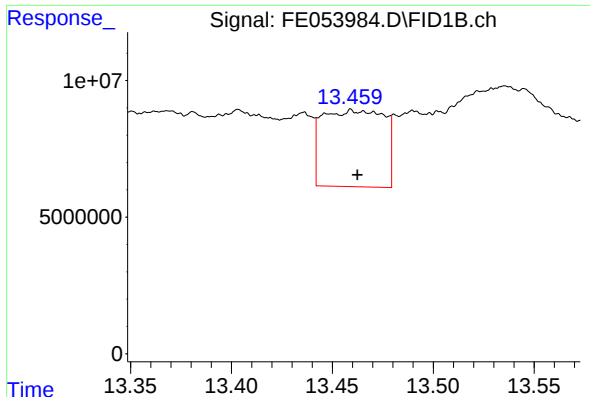
#9 ortho-Terphenyl (SURR)

R.T.: 11.829 min
Delta R.T.: -0.019 min
Response: 353307233
Conc: 2174.04 ug/ml



#10 n-Eicosane (C20)

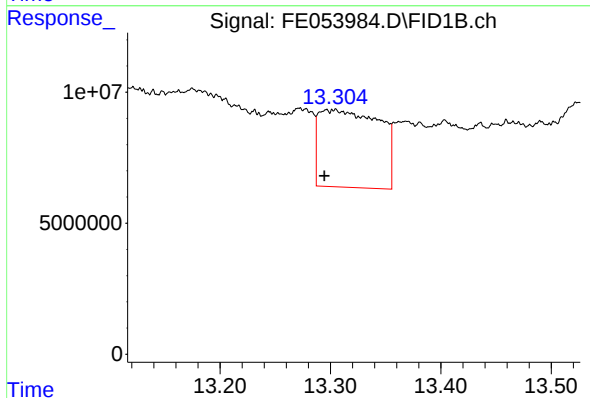
R.T.: 12.820 min
Delta R.T.: -0.029 min
Response: 129230707
Conc: 983.28 ug/ml



#11 n-Heneicosane (C21)

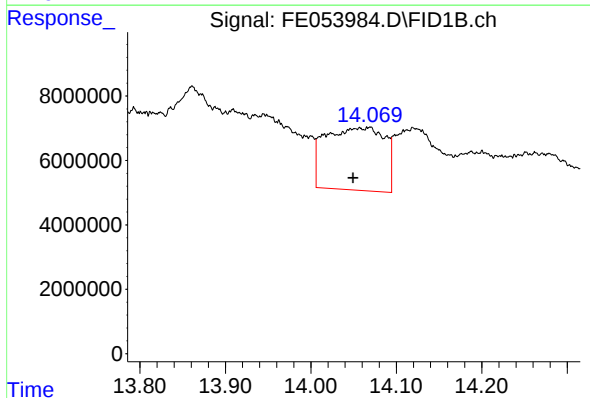
R.T.: 13.462 min
Delta R.T.: 0.000 min
Response: 60008357
Conc: 462.87 ug/ml

Instrument :
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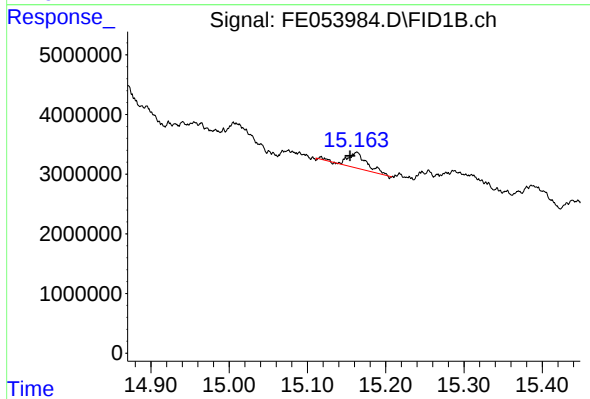
#12 1-chlorooctadecane (SURR)

R.T.: 13.302 min
Delta R.T.: 0.007 min
Response: 112806151
Conc: 951.55 ug/ml



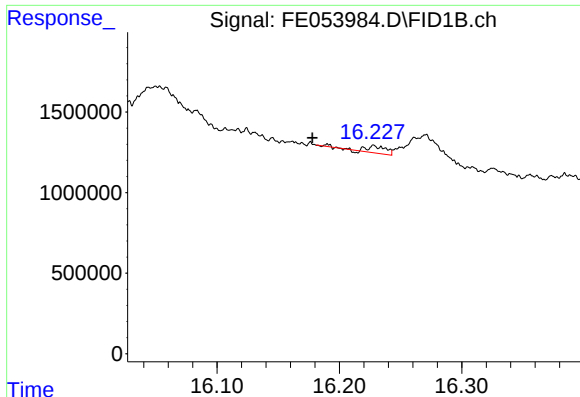
#13 n-Docosane (C22)

R.T.: 14.068 min
Delta R.T.: 0.018 min
Response: 94130443
Conc: 737.84 ug/ml



#14 n-Tetracosane (C24)

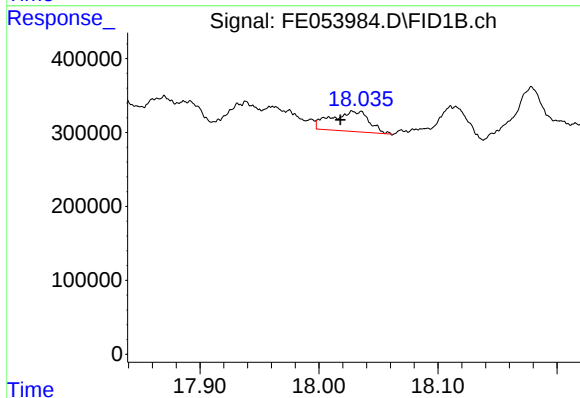
R.T.: 15.163 min
Delta R.T.: 0.008 min
Response: 4638960
Conc: 37.08 ug/ml



#15 n-Hexacosane (C26)

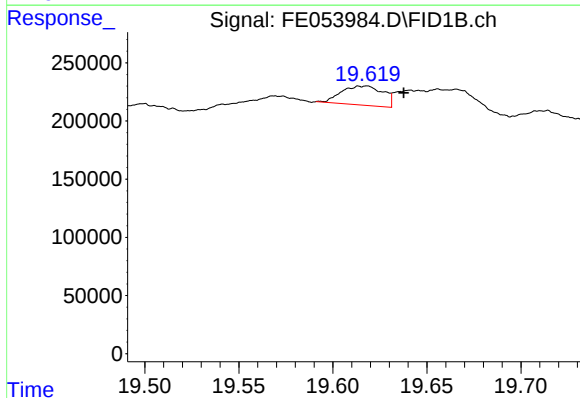
R.T.: 16.229 min
Delta R.T.: 0.051 min
Response: 556491
Conc: 4.54 ug/ml

Instrument :
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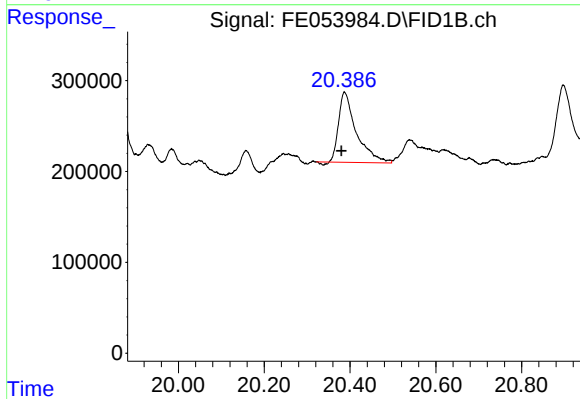
#17 n-Tricontane (C30)

R.T.: 18.031 min
Delta R.T.: 0.013 min
Response: 598171
Conc: 4.80 ug/ml



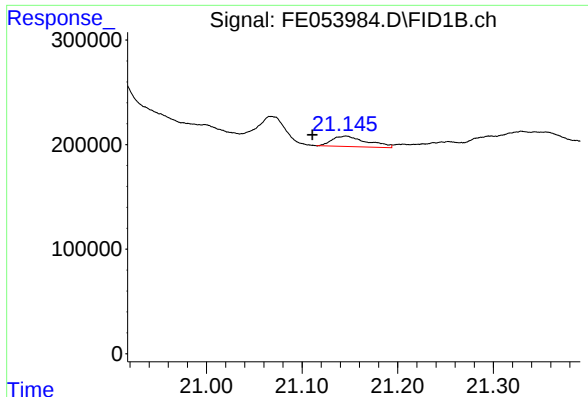
#19 n-Tetratriacontane (C34)

R.T.: 19.616 min
Delta R.T.: -0.021 min
Response: 253299
Conc: 2.13 ug/ml



#20 n-Hexatriacontane (C36)

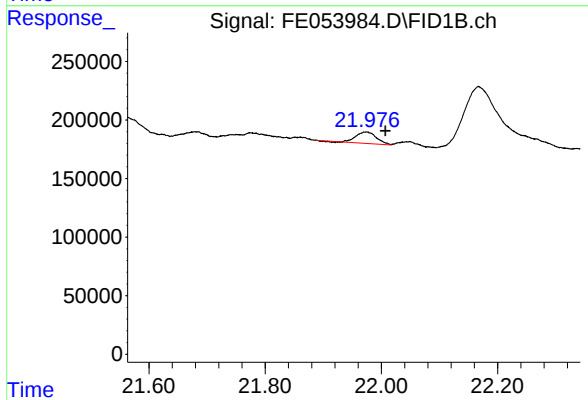
R.T.: 20.388 min
Delta R.T.: 0.007 min
Response: 2196507
Conc: 18.97 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.145 min
Delta R.T.: 0.035 min
Response: 250702
Conc: 2.30 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.974 min
Delta R.T.: -0.033 min
Response: 239152
Conc: 2.41 ug/ml