

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062525AL\
 Data File : FE054589.D
 Signal(s) : FID1B.ch
 Acq On : 25 Jun 2025 22:25
 Operator : YP\AJ
 Sample : Q2403-04 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LAW-25-0093-E2

Integration File: autoint1.e
 Quant Time: Jun 26 02:35:38 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)	11.821	765949	4.636 ug/ml
Spiked Amount 50.000		Recovery =	9.27%
12) S 1-chlorooctadecane (S...	13.275	649220	5.324 ug/ml
Spiked Amount 50.000		Recovery =	10.65%
Target Compounds			
4) T n-Dodecane (C12)	6.616	34224	0.269 ug/ml
5) T A~2-methylnaphthalene...	7.262	261522	1.974 ug/ml
6) T n-Tetradecane (C14)	8.449	173330	1.339 ug/ml
7) T n-Hexadecane (C16)	10.062	110947	0.835 ug/ml
8) T n-Octadecane (C18)	11.508	364082	2.696 ug/ml
10) T n-Eicosane (C20)	12.824	1016969	7.602 ug/ml
11) T n-Heneicosane (C21)	13.470	2338550	17.587 ug/ml
13) T n-Docosane (C22)	14.055	8731454	66.591 ug/ml
14) T n-Tetracosane (C24)	15.137	6779780	52.559 ug/ml
16) T n-Octacosane (C28)	17.105	1108004	9.035 ug/ml
17) T n-Tricontane (C30)	17.986	770027	6.213 ug/ml
18) T n-Dotriacontane (C32)	18.830	1494550	11.895 ug/ml
19) T n-Tetratriacontane (C34)	19.651	1516719	12.192 ug/ml
20) T n-Hexatriacontane (C36)	20.361	29006	0.225 ug/ml
21) T n-Octatriacontane (C38)	21.107	85220	0.645 ug/ml

(f)=RT Delta > 1/2 Window

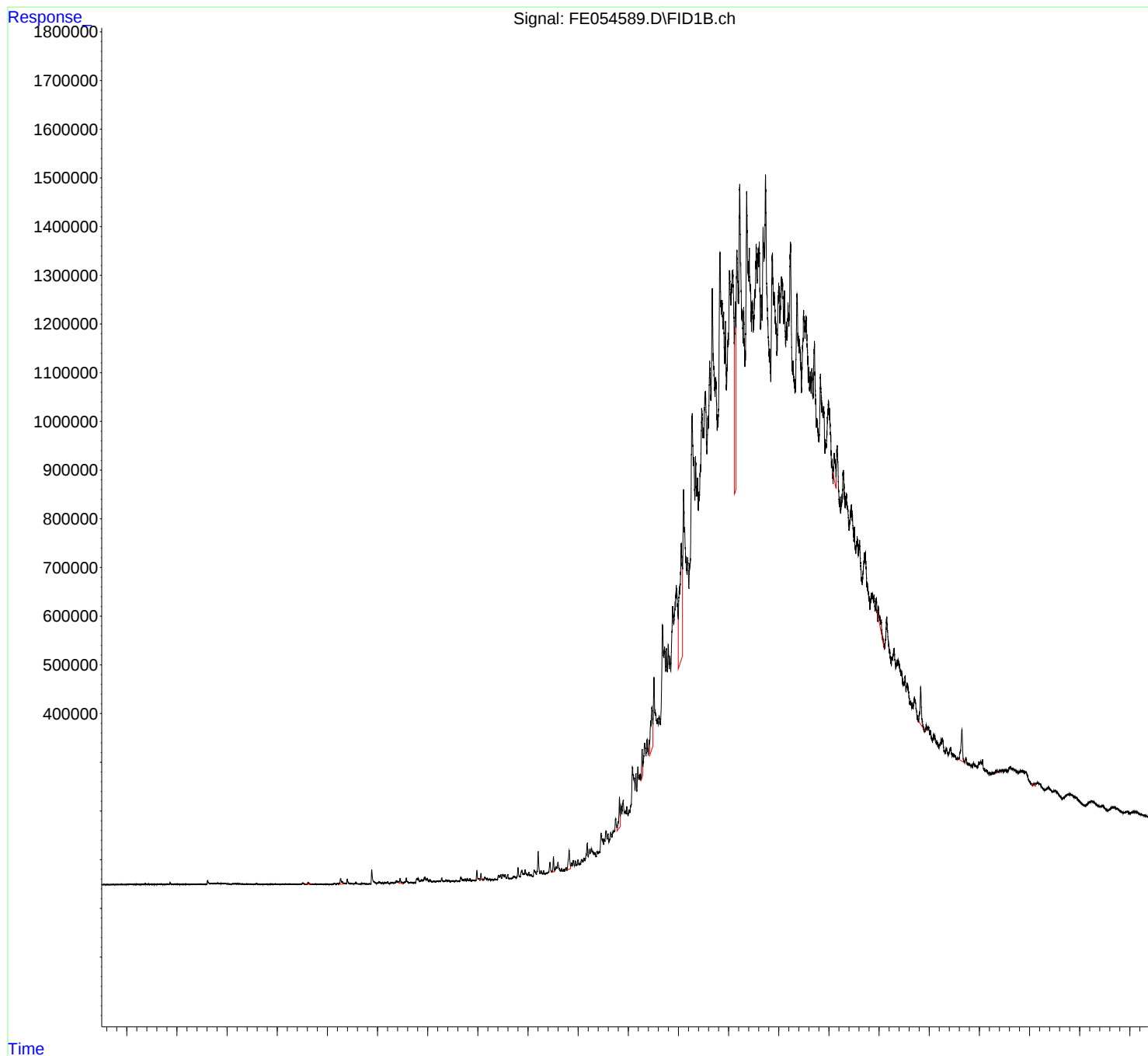
(m)=manual int.

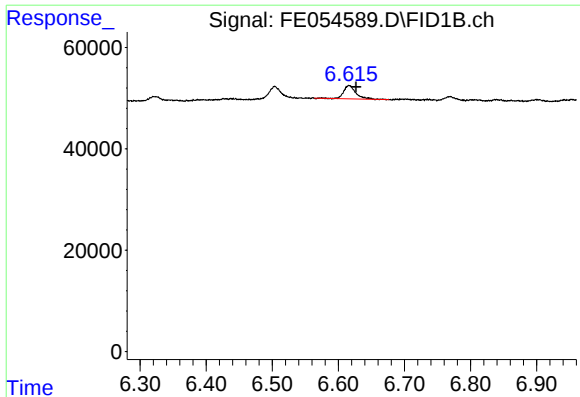
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062525AL\
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Signal Phase : Rxi-1ms
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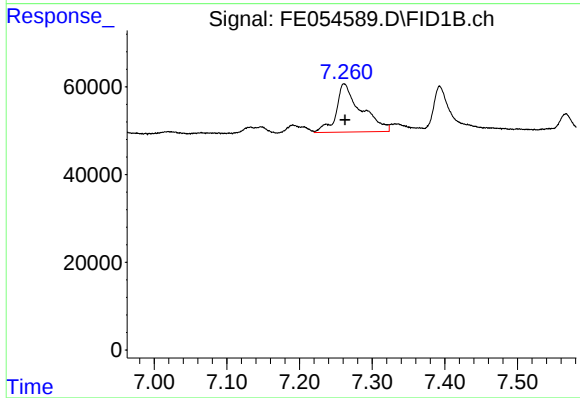




#4 n-Dodecane (C12)

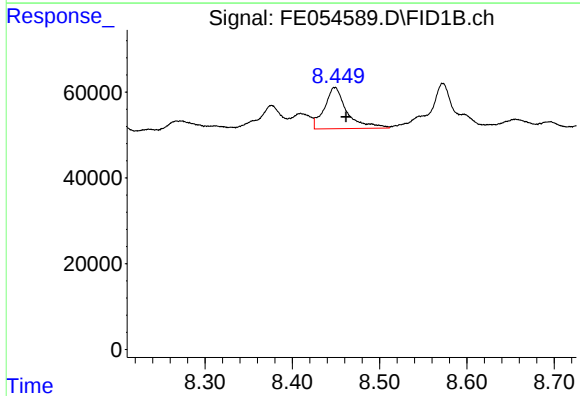
R.T.: 6.616 min
Delta R.T.: -0.010 min
Response: 34224
Conc: 0.27 ug/ml

Instrument :
FID_E
ClientSampleId :
LAW-25-0093-E2



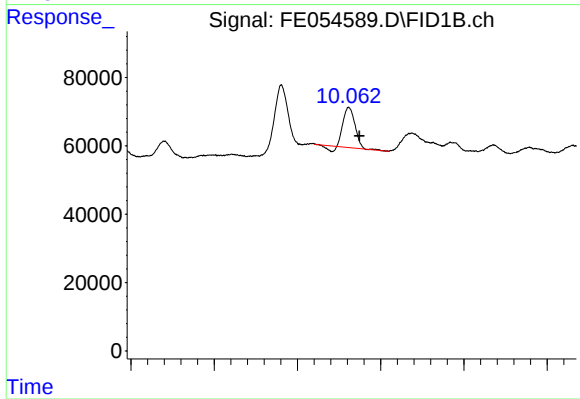
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.262 min
Delta R.T.: 0.000 min
Response: 261522
Conc: 1.97 ug/ml



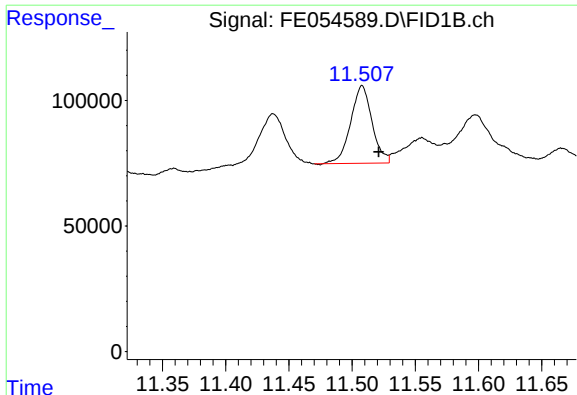
#6 n-Tetradecane (C14)

R.T.: 8.449 min
Delta R.T.: -0.013 min
Response: 173330
Conc: 1.34 ug/ml



#7 n-Hexadecane (C16)

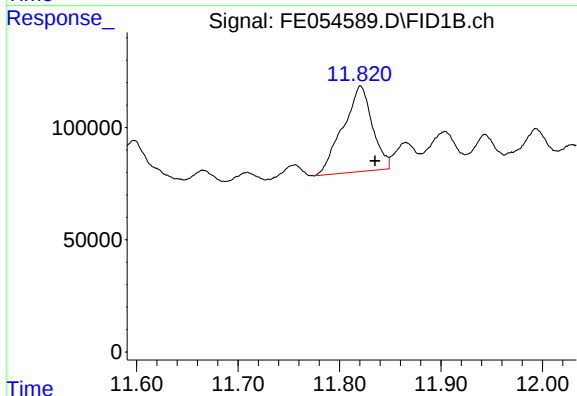
R.T.: 10.062 min
Delta R.T.: -0.013 min
Response: 110947
Conc: 0.84 ug/ml



#8 n-Octadecane (C18)

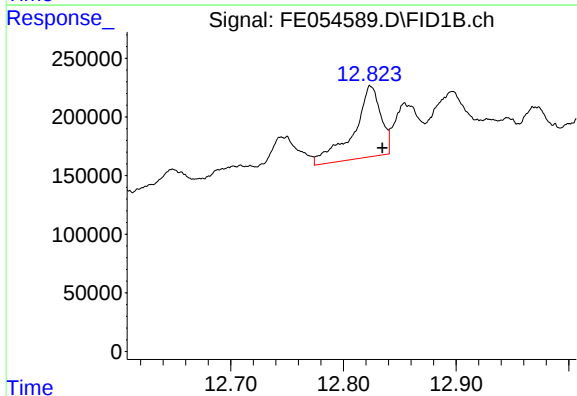
R.T.: 11.508 min
Delta R.T.: -0.013 min
Response: 364082
Conc: 2.70 ug/ml

Instrument :
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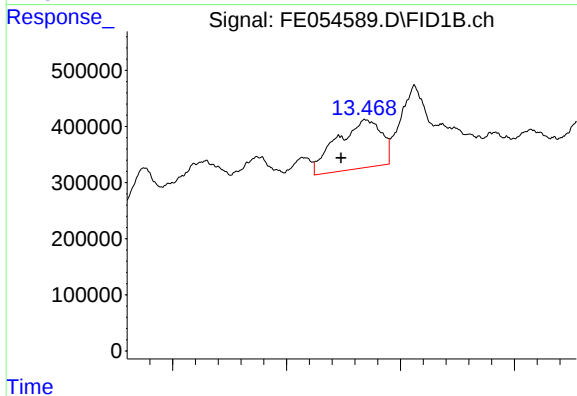
#9 ortho-Terphenyl (SURR)

R.T.: 11.821 min
Delta R.T.: -0.014 min
Response: 765949
Conc: 4.64 ug/ml



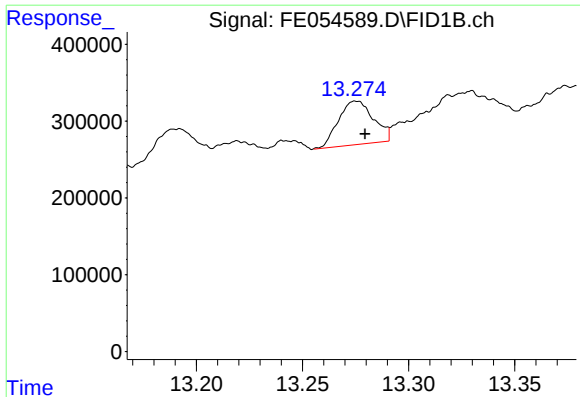
#10 n-Eicosane (C20)

R.T.: 12.824 min
Delta R.T.: -0.010 min
Response: 1016969
Conc: 7.60 ug/ml



#11 n-Heneicosane (C21)

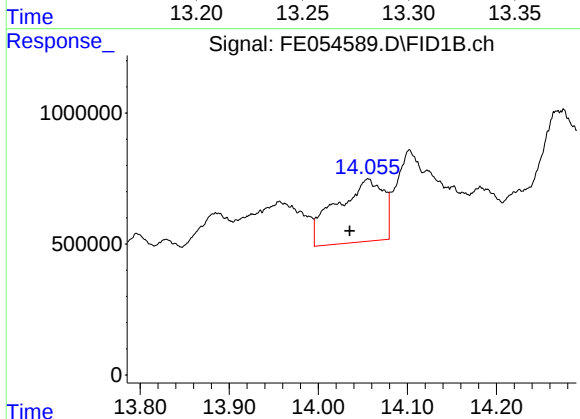
R.T.: 13.470 min
Delta R.T.: 0.022 min
Response: 2338550
Conc: 17.59 ug/ml



#12 1-chlorooctadecane (SURR)

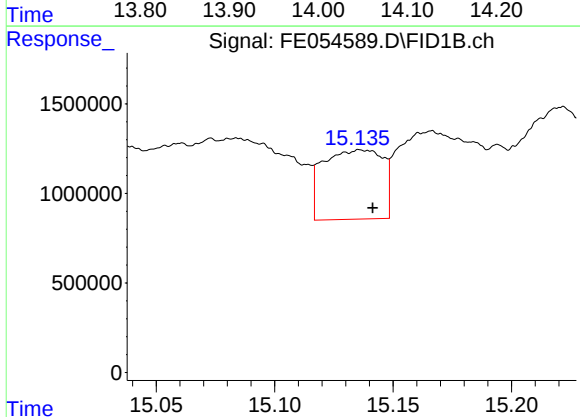
R.T.: 13.275 min
Delta R.T.: -0.004 min
Response: 649220
Conc: 5.32 ug/ml

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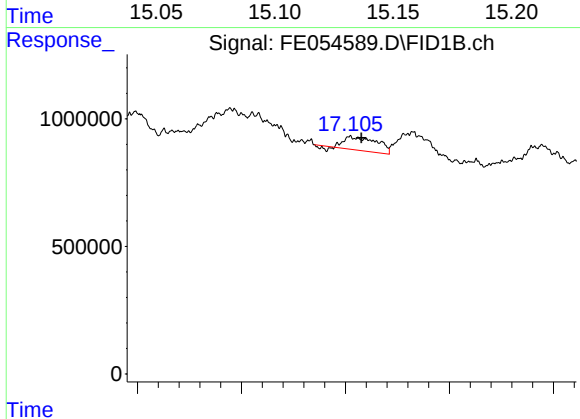
#13 n-Docosane (C22)

R.T.: 14.055 min
Delta R.T.: 0.020 min
Response: 8731454
Conc: 66.59 ug/ml



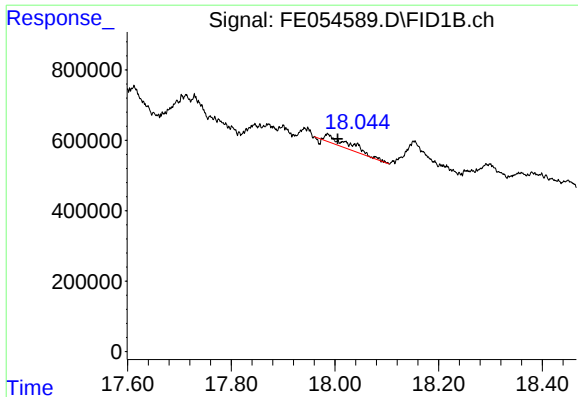
#14 n-Tetracosane (C24)

R.T.: 15.137 min
Delta R.T.: -0.004 min
Response: 6779780
Conc: 52.56 ug/ml



#16 n-Octacosane (C28)

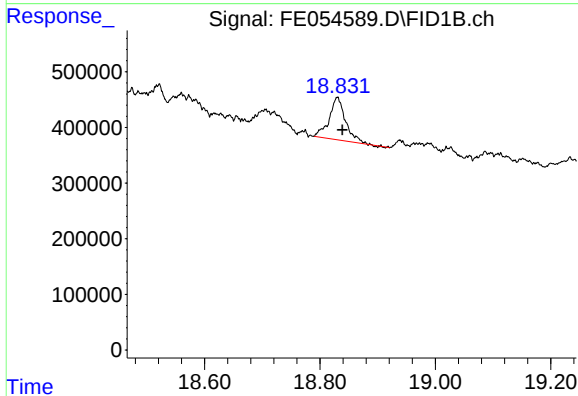
R.T.: 17.105 min
Delta R.T.: -0.010 min
Response: 1108004
Conc: 9.04 ug/ml



#17 n-Tricontane (C30)

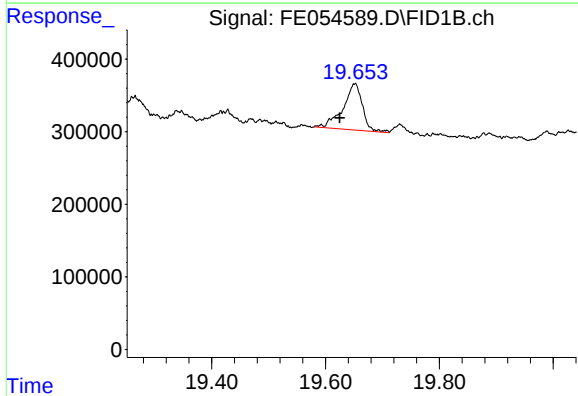
R.T.: 17.986 min
Delta R.T.: -0.019 min
Response: 770027
Conc: 6.21 ug/ml

Instrument :
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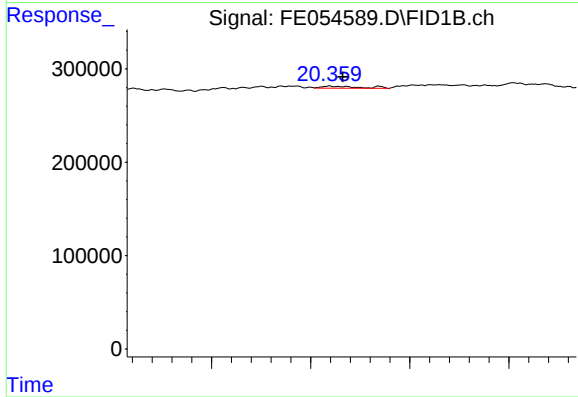
#18 n-Dotriacontane (C32)

R.T.: 18.830 min
Delta R.T.: -0.009 min
Response: 1494550
Conc: 11.90 ug/ml



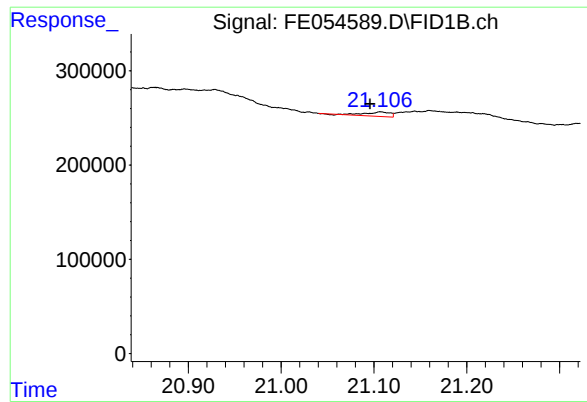
#19 n-Tetratriacontane (C34)

R.T.: 19.651 min
Delta R.T.: 0.026 min
Response: 1516719
Conc: 12.19 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.361 min
Delta R.T.: -0.006 min
Response: 29006
Conc: 0.23 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.107 min
Delta R.T.: 0.012 min
Response: 85220
Conc: 0.65 ug/ml

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