

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082625AL\
 Data File : FE055516.D
 Signal(s) : FID1B.ch
 Acq On : 26 Aug 2025 19:30
 Operator : YP\AJ
 Sample : Q2955-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 OILY-GRAVEL

Integration File: autoint1.e
 Quant Time: Aug 27 02:36:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 13:47:09 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)	12.090	10886558	76.234 ug/ml
Spiked Amount 50.000		Recovery =	152.47%
12) S 1-chlorooctadecane (S...	13.532	5862077	54.519 ug/ml
Spiked Amount 50.000		Recovery =	109.04%
Target Compounds			
2) T n-Decane (C10)	4.694	87170	0.748 ug/ml
3) T A~Naphthalene (C11.7)	6.423	75667	0.564 ug/ml
5) T A~2-methylnaphthalene...	7.490	55146	0.423 ug/ml
6) T n-Tetradecane (C14)	8.695	251007	2.047 ug/ml
7) T n-Hexadecane (C16)	10.314	337502	2.640 ug/ml
8) T n-Octadecane (C18)	11.758	3022616	23.166 ug/ml
10) T n-Eicosane (C20)	13.080	1300703	10.366 ug/ml
11) T n-Heneicosane (C21)	13.714	918357	7.450 ug/ml
13) T n-Docosane (C22)	14.304	1283309	10.509 ug/ml
14) T n-Tetracosane (C24)	15.387	304860	2.506 ug/ml
15) T n-Hexacosane (C26)	16.372	225688	1.886 ug/ml
16) T n-Octacosane (C28)	17.351	212109	1.788 ug/ml
17) T n-Tricontane (C30)	18.242	213082	1.732 ug/ml
18) T n-Dotriacontane (C32)	19.075	378295	3.100 ug/ml
19) T n-Tetratriacontane (C34)	19.861	54053	0.462 ug/ml

(f)=RT Delta > 1/2 Window

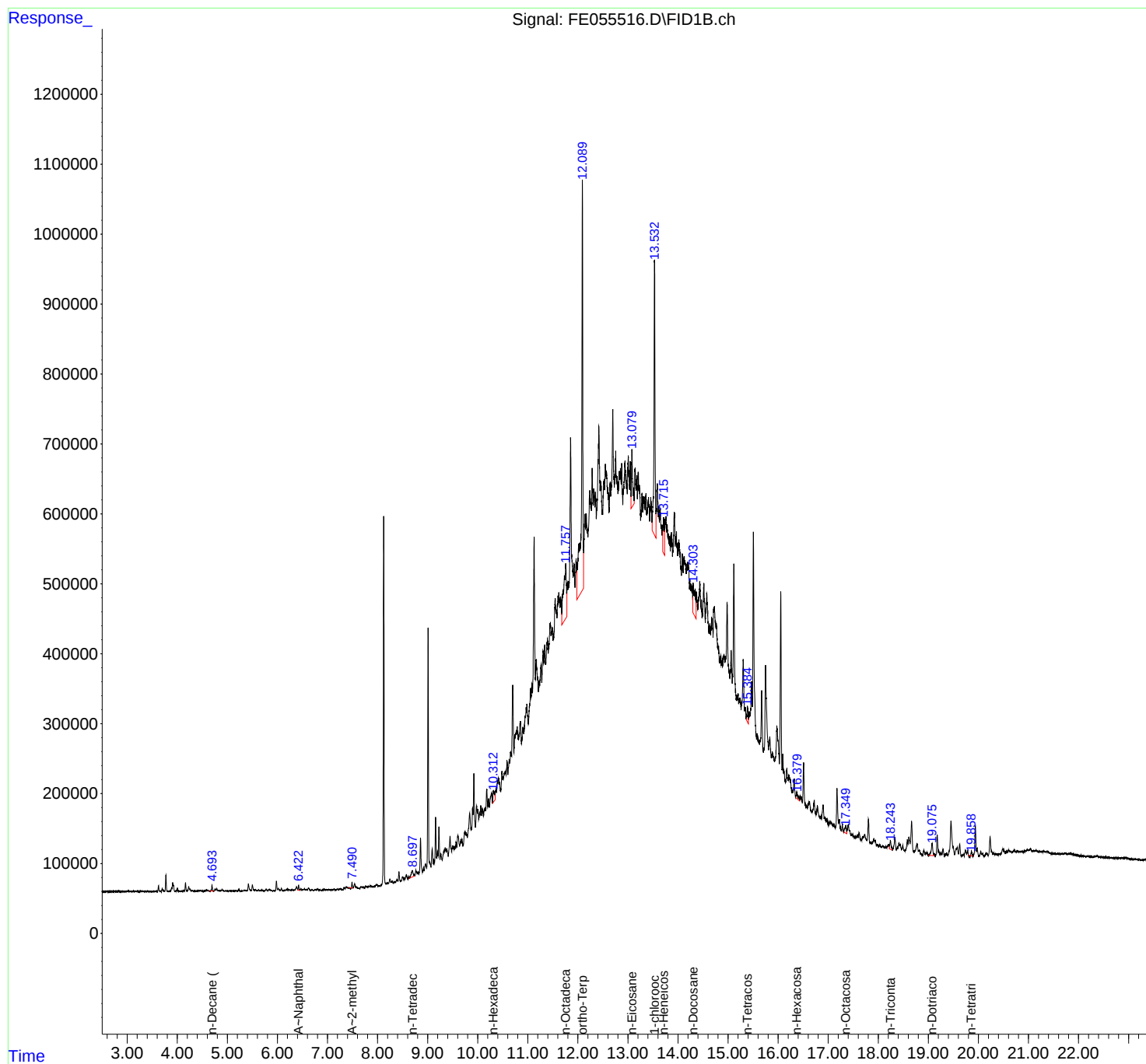
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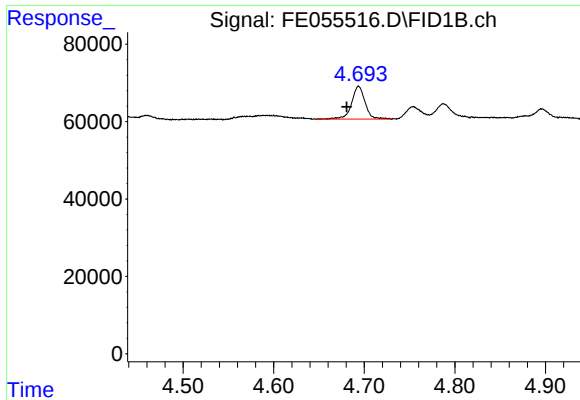
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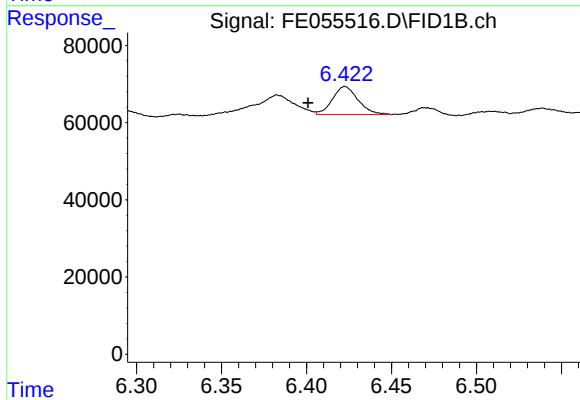




#2 n-Decane (C10)

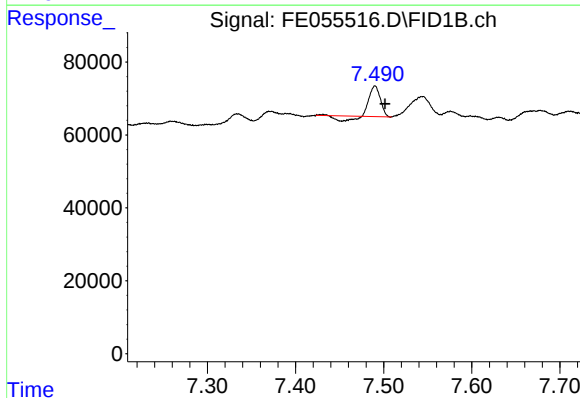
R.T.: 4.694 min
Delta R.T.: 0.013 min
Response: 87170
Conc: 0.75 ug/ml

Instrument :
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ClientSampleId :
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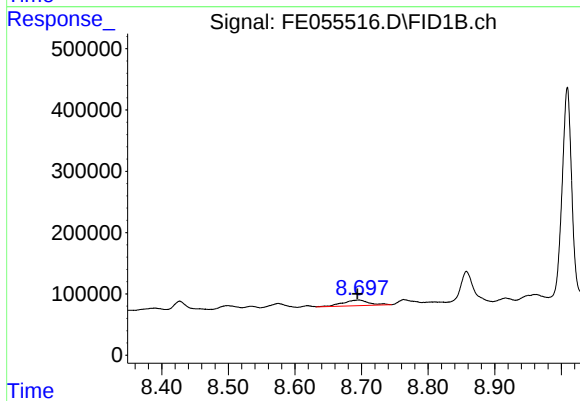
#3 A~Naphthalene (C11.7)

R.T.: 6.423 min
Delta R.T.: 0.022 min
Response: 75667
Conc: 0.56 ug/ml



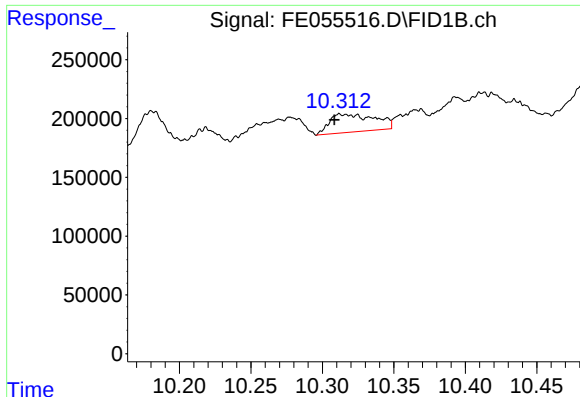
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.490 min
Delta R.T.: -0.011 min
Response: 55146
Conc: 0.42 ug/ml



#6 n-Tetradecane (C14)

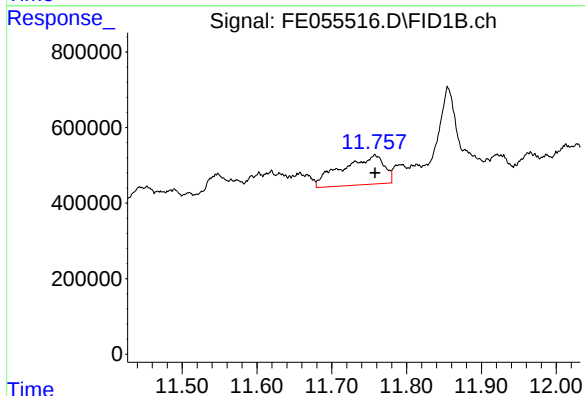
R.T.: 8.695 min
Delta R.T.: 0.002 min
Response: 251007
Conc: 2.05 ug/ml



#7 n-Hexadecane (C16)

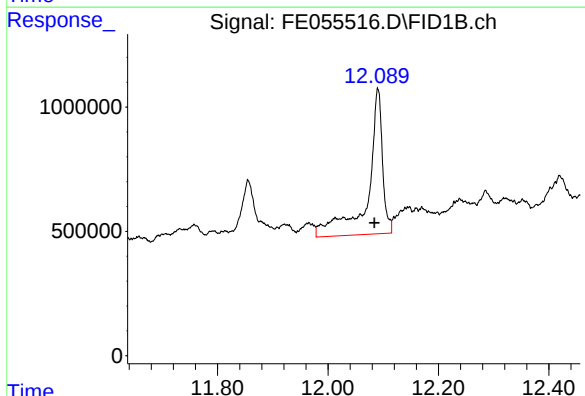
R.T.: 10.314 min
Delta R.T.: 0.006 min
Response: 337502
Conc: 2.64 ug/ml

Instrument :
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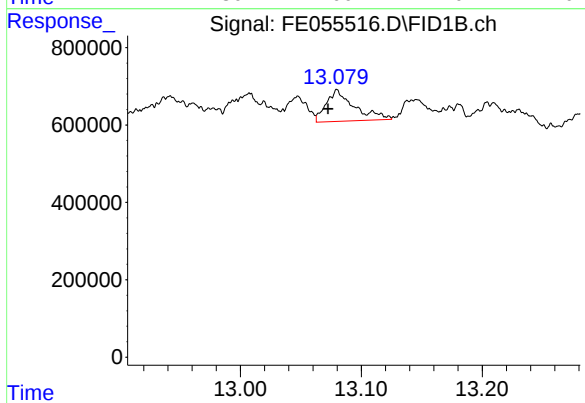
#8 n-Octadecane (C18)

R.T.: 11.758 min
Delta R.T.: 0.000 min
Response: 3022616
Conc: 23.17 ug/ml



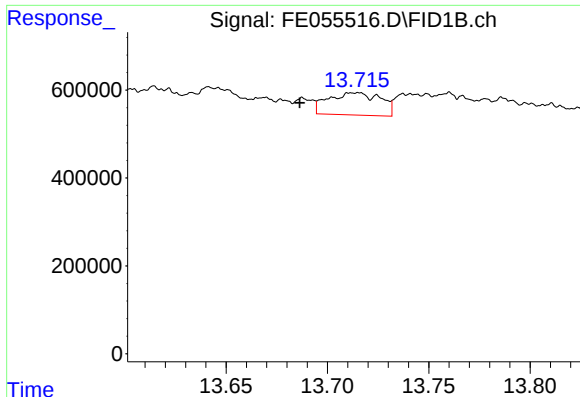
#9 ortho-Terphenyl (SURR)

R.T.: 12.090 min
Delta R.T.: 0.006 min
Response: 10886558
Conc: 76.23 ug/ml



#10 n-Eicosane (C20)

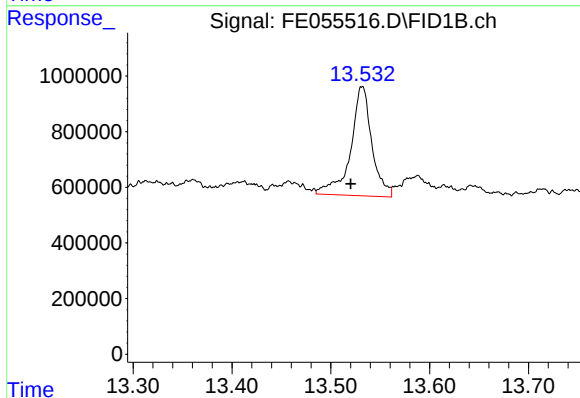
R.T.: 13.080 min
Delta R.T.: 0.008 min
Response: 1300703
Conc: 10.37 ug/ml



#11 n-Heneicosane (C21)

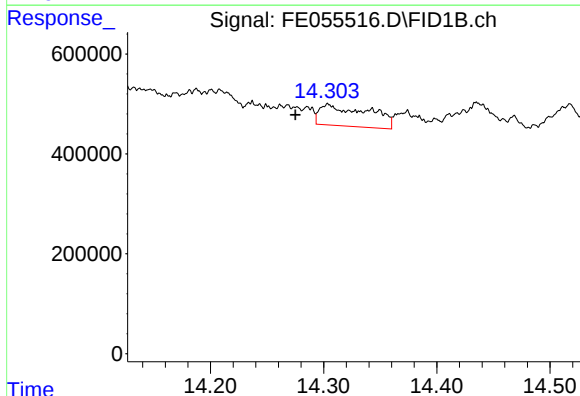
R.T.: 13.714 min
Delta R.T.: 0.027 min
Response: 918357
Conc: 7.45 ug/ml

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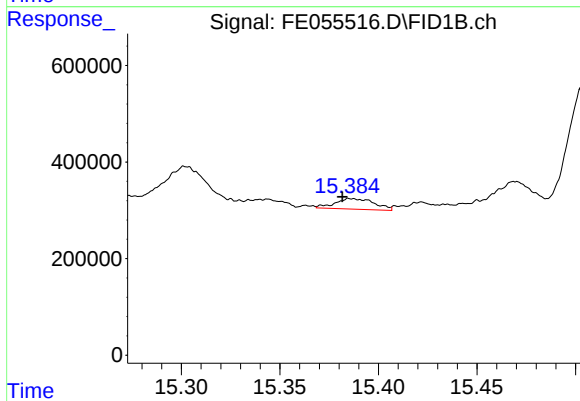
#12 1-chlorooctadecane (SURR)

R.T.: 13.532 min
Delta R.T.: 0.011 min
Response: 5862077
Conc: 54.52 ug/ml



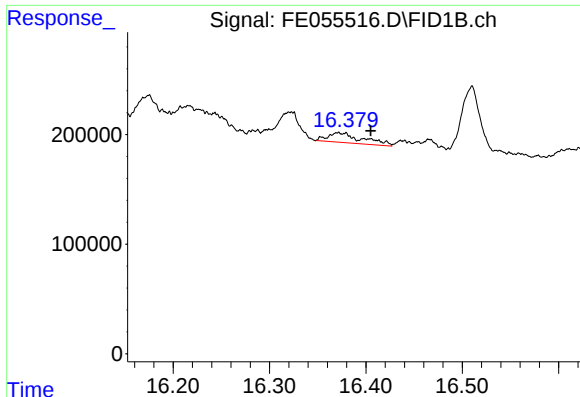
#13 n-Docosane (C22)

R.T.: 14.304 min
Delta R.T.: 0.029 min
Response: 1283309
Conc: 10.51 ug/ml



#14 n-Tetracosane (C24)

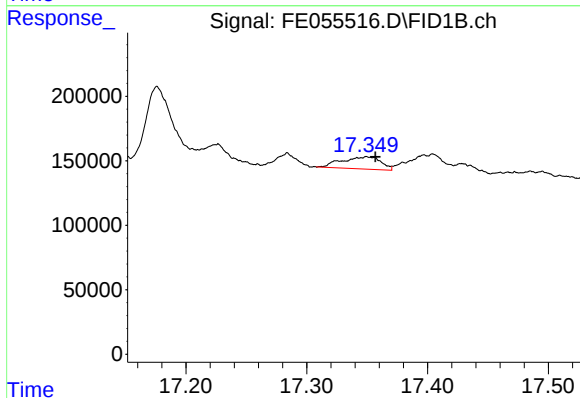
R.T.: 15.387 min
Delta R.T.: 0.005 min
Response: 304860
Conc: 2.51 ug/ml



#15 n-Hexacosane (C26)

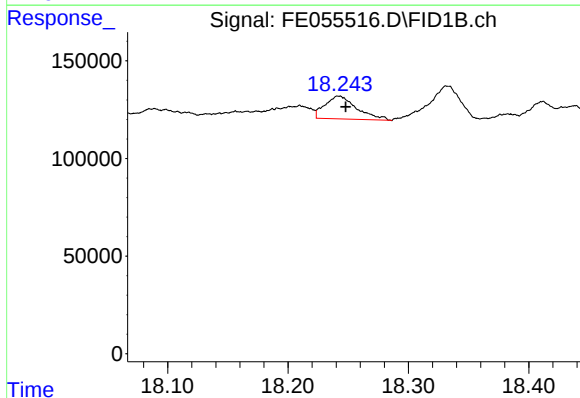
R.T.: 16.372 min
Delta R.T.: -0.033 min
Response: 225688
Conc: 1.89 ug/ml

Instrument :
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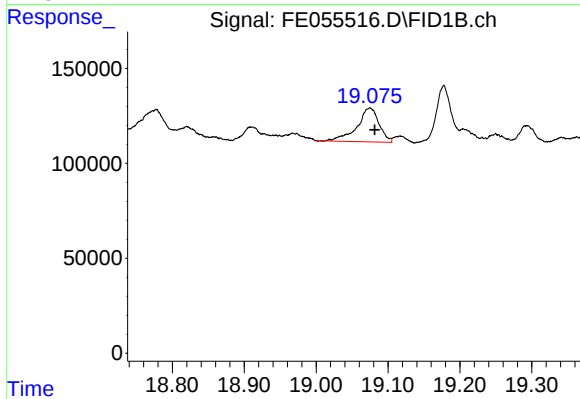
#16 n-Octacosane (C28)

R.T.: 17.351 min
Delta R.T.: -0.006 min
Response: 212109
Conc: 1.79 ug/ml



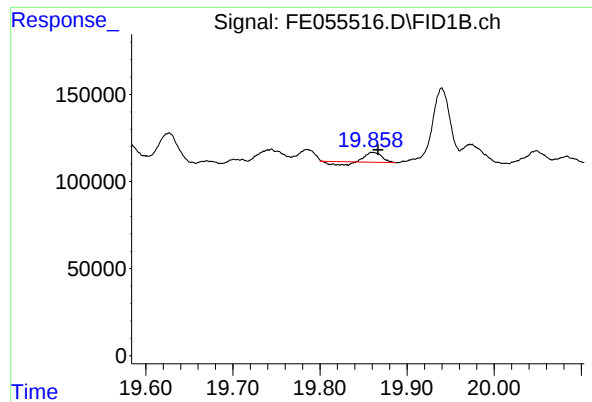
#17 n-Tricontane (C30)

R.T.: 18.242 min
Delta R.T.: -0.006 min
Response: 213082
Conc: 1.73 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 19.075 min
Delta R.T.: -0.007 min
Response: 378295
Conc: 3.10 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.861 min
Delta R.T.: -0.006 min
Response: 54053
Conc: 0.46 ug/ml

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