

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042525AL\
 Data File : FE053535.D
 Signal(s) : FID1B.ch
 Acq On : 25 Apr 2025 20:01
 Operator : YP\AJ
 Sample : Q1878-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TR-4-042425

Integration File: autoint1.e
 Quant Time: Apr 25 23:12:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 23 15:58:53 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)	11.870	4845016	26.863 ug/ml
Spiked Amount 50.000		Recovery =	53.73%
12) S 1-chlorooctadecane (S...	13.315	3706671	27.421 ug/ml
Spiked Amount 50.000		Recovery =	54.84%
Target Compounds			
4) T n-Dodecane (C12)	6.658	247504	1.765 ug/ml
5) T A~2-methylnaphthalene...	7.295	239510	1.604 ug/ml
6) T n-Tetradecane (C14)	8.494	841036	5.995 ug/ml
7) T n-Hexadecane (C16)	10.107	890371	6.212 ug/ml
8) T n-Octadecane (C18)	11.554	643728	4.417 ug/ml
10) T n-Eicosane (C20)	12.868	530820	3.648 ug/ml
11) T n-Heneicosane (C21)	13.482	332019	2.292 ug/ml
13) T n-Docosane (C22)	14.069	291961	2.023 ug/ml
14) T n-Tetracosane (C24)	15.155	293465	2.043 ug/ml
15) T n-Hexacosane (C26)	16.199	136993	0.967 ug/ml
16) T n-Octacosane (C28)	17.164	270719	1.946 ug/ml
17) T n-Tricontane (C30)	18.039	163824	1.177 ug/ml
18) T n-Dotriacontane (C32)	18.874	234205	1.706 ug/ml
19) T n-Tetratriacontane (C34)	19.686	250665	1.924 ug/ml
20) T n-Hexatriacontane (C36)	20.466	87529	0.693 ug/ml

(f)=RT Delta > 1/2 Window

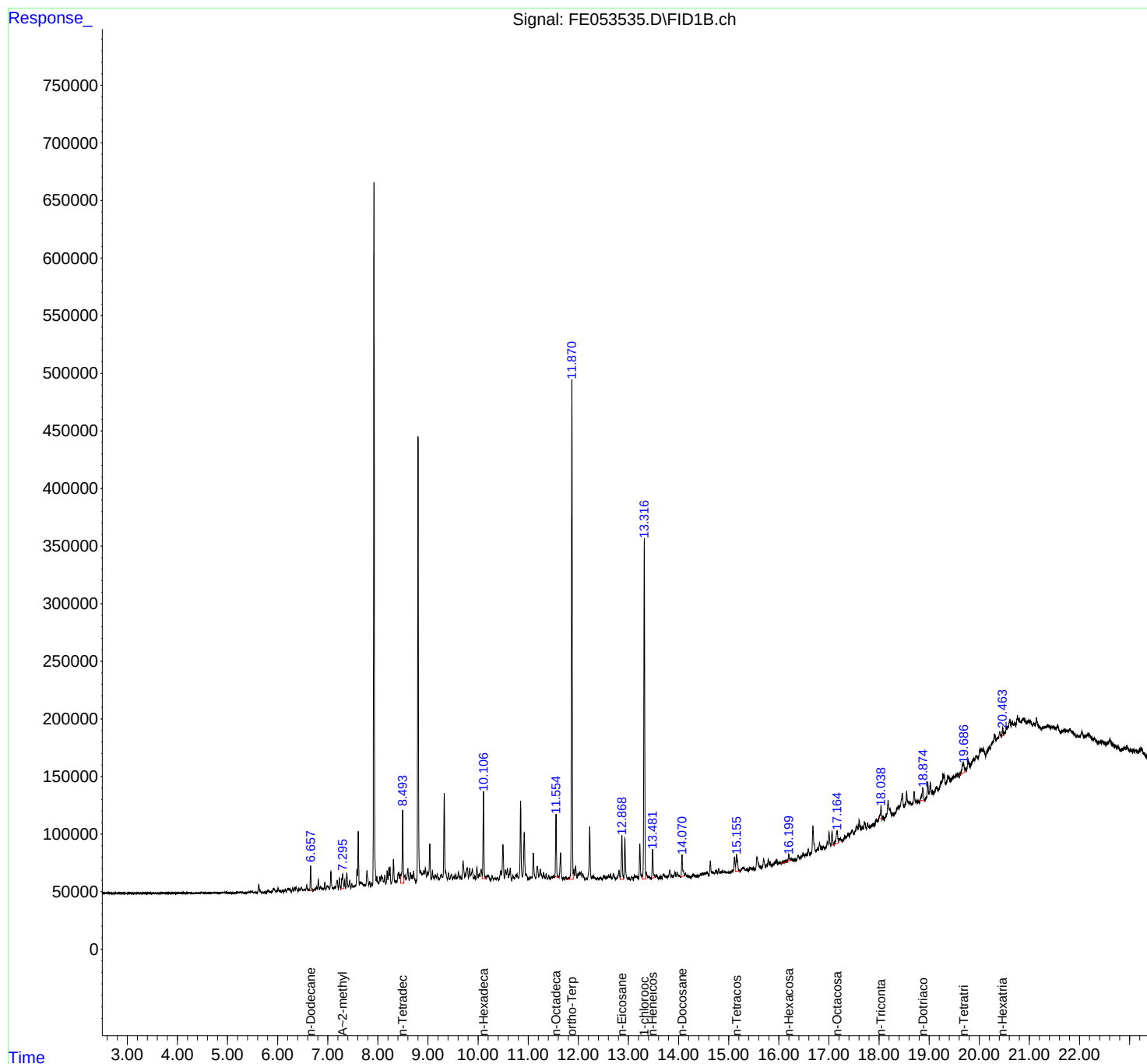
(m)=manual int.

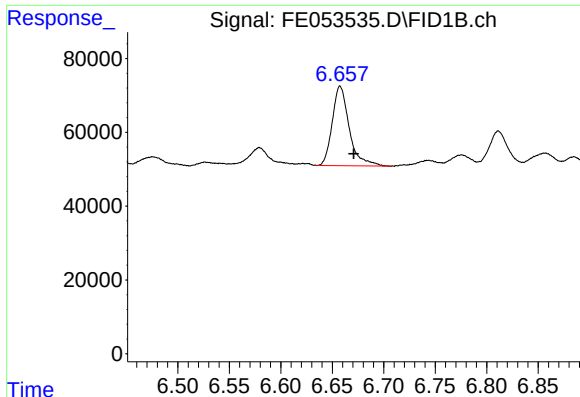
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042525AL\
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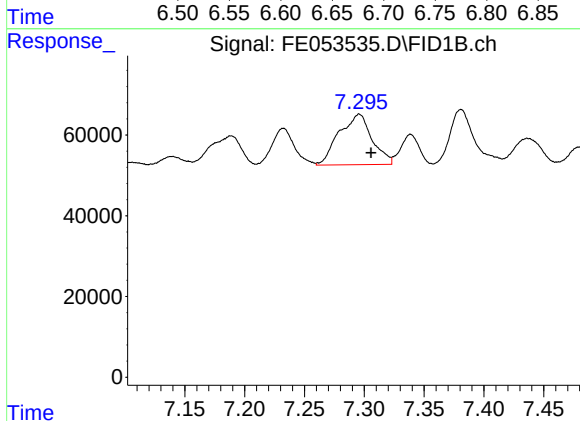




#4 n-Dodecane (C12)

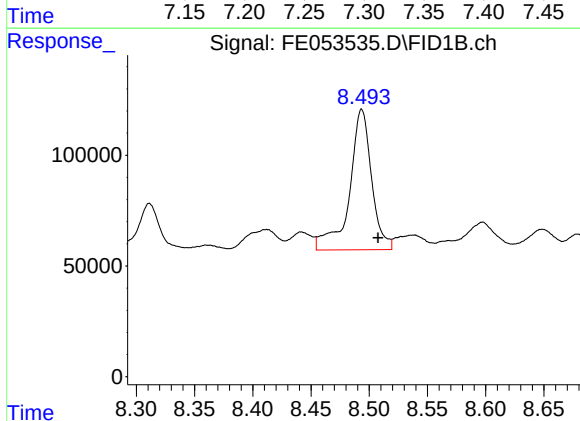
R.T.: 6.658 min
Delta R.T.: -0.013 min
Response: 247504
Conc: 1.76 ug/ml

Instrument :
FID_E
ClientSampleId :
TR-4-042425



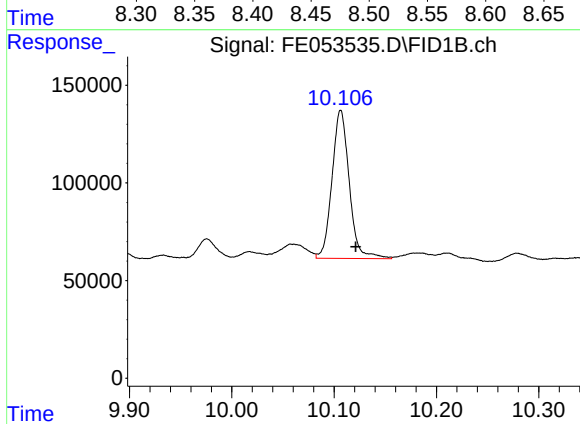
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.295 min
Delta R.T.: -0.010 min
Response: 239510
Conc: 1.60 ug/ml



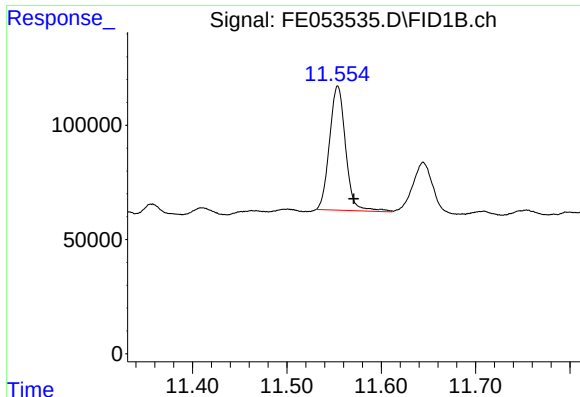
#6 n-Tetradecane (C14)

R.T.: 8.494 min
Delta R.T.: -0.014 min
Response: 841036
Conc: 5.99 ug/ml



#7 n-Hexadecane (C16)

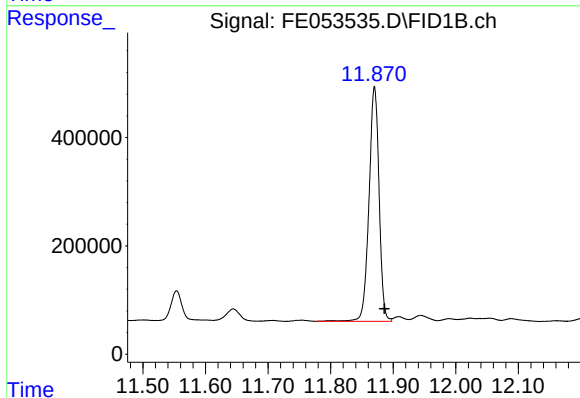
R.T.: 10.107 min
Delta R.T.: -0.014 min
Response: 890371
Conc: 6.21 ug/ml



#8 n-Octadecane (C18)

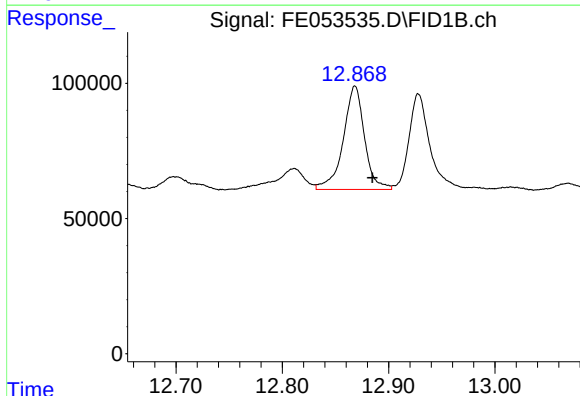
R.T.: 11.554 min
Delta R.T.: -0.017 min
Response: 643728
Conc: 4.42 ug/ml

Instrument :
FID_E
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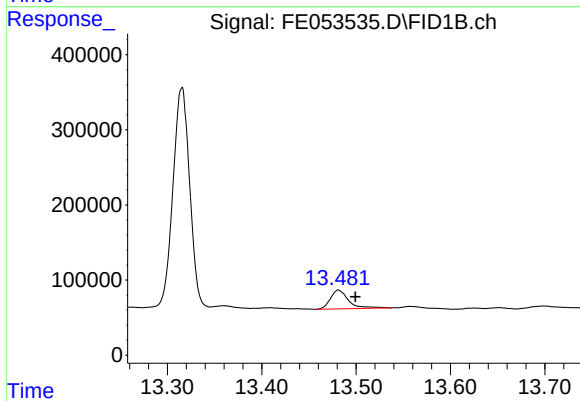
#9 ortho-Terphenyl (SURR)

R.T.: 11.870 min
Delta R.T.: -0.016 min
Response: 4845016
Conc: 26.86 ug/ml



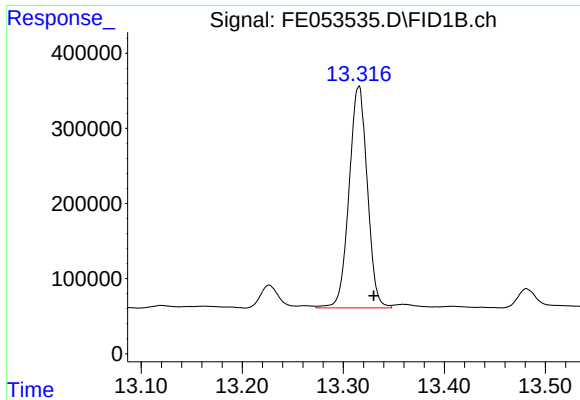
#10 n-Eicosane (C20)

R.T.: 12.868 min
Delta R.T.: -0.017 min
Response: 530820
Conc: 3.65 ug/ml



#11 n-Heneicosane (C21)

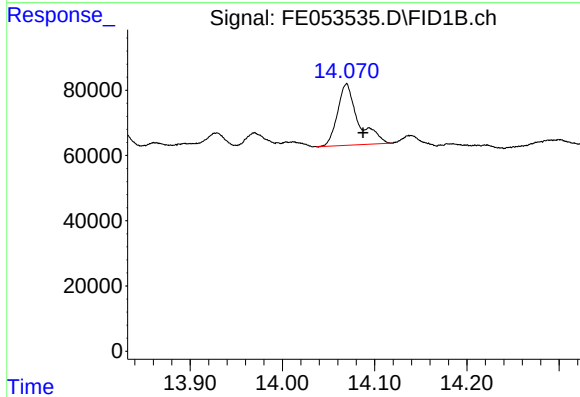
R.T.: 13.482 min
Delta R.T.: -0.018 min
Response: 332019
Conc: 2.29 ug/ml



#12 1-chlorooctadecane (SURR)

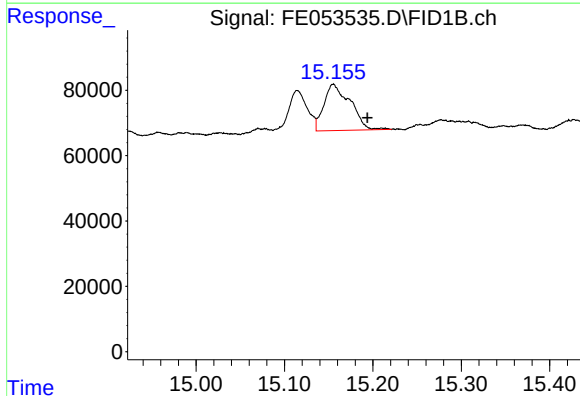
R.T.: 13.315 min
Delta R.T.: -0.015 min
Response: 3706671
Conc: 27.42 ug/ml

Instrument :
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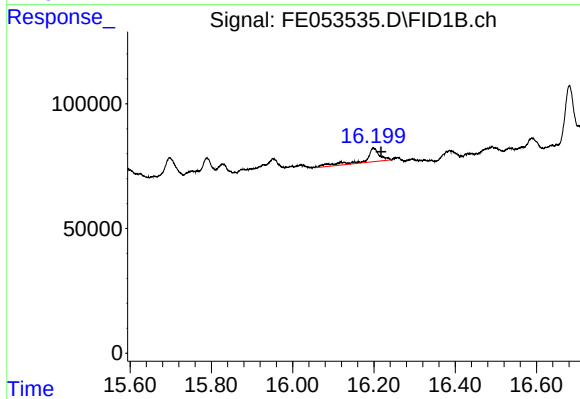
#13 n-Docosane (C22)

R.T.: 14.069 min
Delta R.T.: -0.018 min
Response: 291961
Conc: 2.02 ug/ml



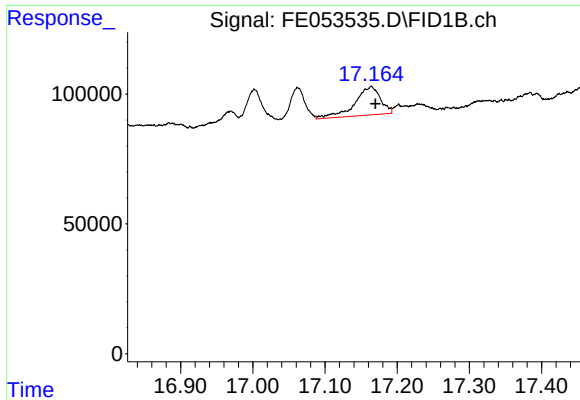
#14 n-Tetracosane (C24)

R.T.: 15.155 min
Delta R.T.: -0.038 min
Response: 293465
Conc: 2.04 ug/ml



#15 n-Hexacosane (C26)

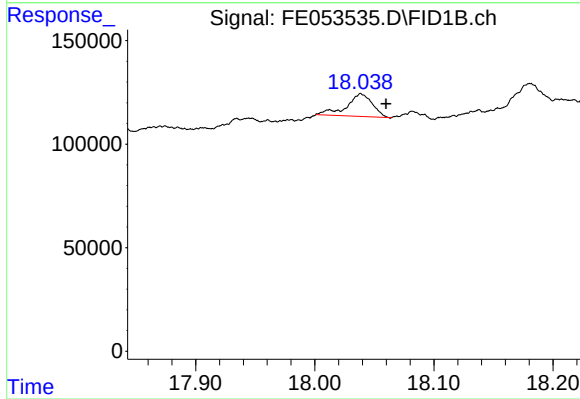
R.T.: 16.199 min
Delta R.T.: -0.018 min
Response: 136993
Conc: 0.97 ug/ml



#16 n-Octacosane (C28)

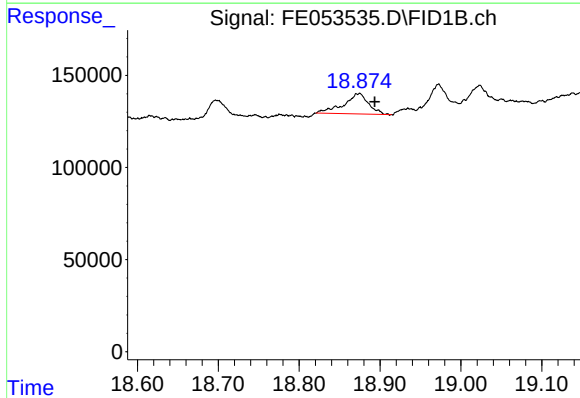
R.T.: 17.164 min
Delta R.T.: -0.006 min
Response: 270719
Conc: 1.95 ug/ml

Instrument :
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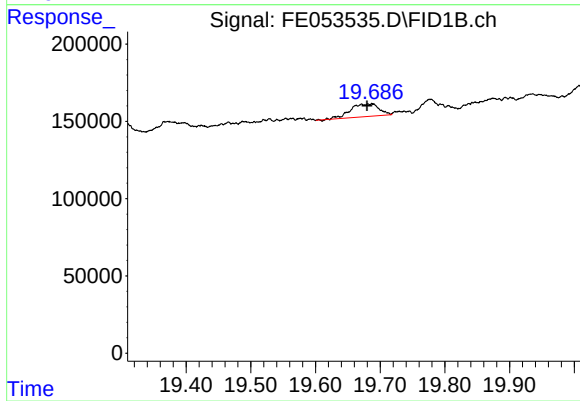
#17 n-Tricontane (C30)

R.T.: 18.039 min
Delta R.T.: -0.021 min
Response: 163824
Conc: 1.18 ug/ml



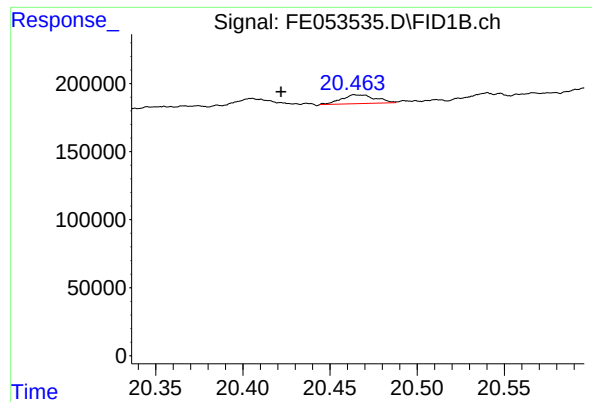
#18 n-Dotriacontane (C32)

R.T.: 18.874 min
Delta R.T.: -0.020 min
Response: 234205
Conc: 1.71 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.686 min
Delta R.T.: 0.007 min
Response: 250665
Conc: 1.92 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.466 min
Delta R.T.: 0.045 min
Response: 87529
Conc: 0.69 ug/ml

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