

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052225AL\
 Data File : FC068985.D
 Signal(s) : FID1A.ch
 Acq On : 22 May 2025 18:58
 Operator : YP/AJ
 Sample : Q2102-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LAW-25-0078

Integration File: autoint1.e
 Quant Time: May 23 03:16:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050625.M
 Quant Title : GC Extractables
 QLast Update : Wed May 07 08:52:03 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)	11.691	3437609	30.118 ug/ml
Spiked Amount 50.000		Recovery =	60.24%
12) S 1-chlorooctadecane (S...	13.150	6665370	83.082 ug/ml
Spiked Amount 50.000		Recovery =	166.16%
Target Compounds			
4) T n-Dodecane (C12)	6.540	38801	0.399 ug/ml
6) T n-Tetradecane (C14)	8.337	183692	1.987 ug/ml
7) T n-Hexadecane (C16)	9.945	302129	3.374 ug/ml
8) T n-Octadecane (C18)	11.389	810571	9.241 ug/ml
10) T n-Eicosane (C20)	12.705	2782951	32.657 ug/ml
11) T n-Heneicosane (C21)	13.312	757753	8.984 ug/ml
13) T n-Docosane (C22)	13.900	1758325	21.018 ug/ml
14) T n-Tetracosane (C24)	14.997	104573	1.257 ug/ml
15) T n-Hexacosane (C26)	16.054	121185	1.463 ug/ml
16) T n-Octacosane (C28)	16.973	102046	1.235 ug/ml
17) T n-Tricontane (C30)	17.861	252859	2.988 ug/ml
18) T n-Dotriacontane (C32)	18.663	232109	2.695 ug/ml
19) T n-Tetratriacontane (C34)	19.521	607961	7.136 ug/ml
20) T n-Hexatriacontane (C36)	20.262	58230	0.677 ug/ml
21) T n-Octatriacontane (C38)	20.961	268876	3.205 ug/ml

(f)=RT Delta > 1/2 Window

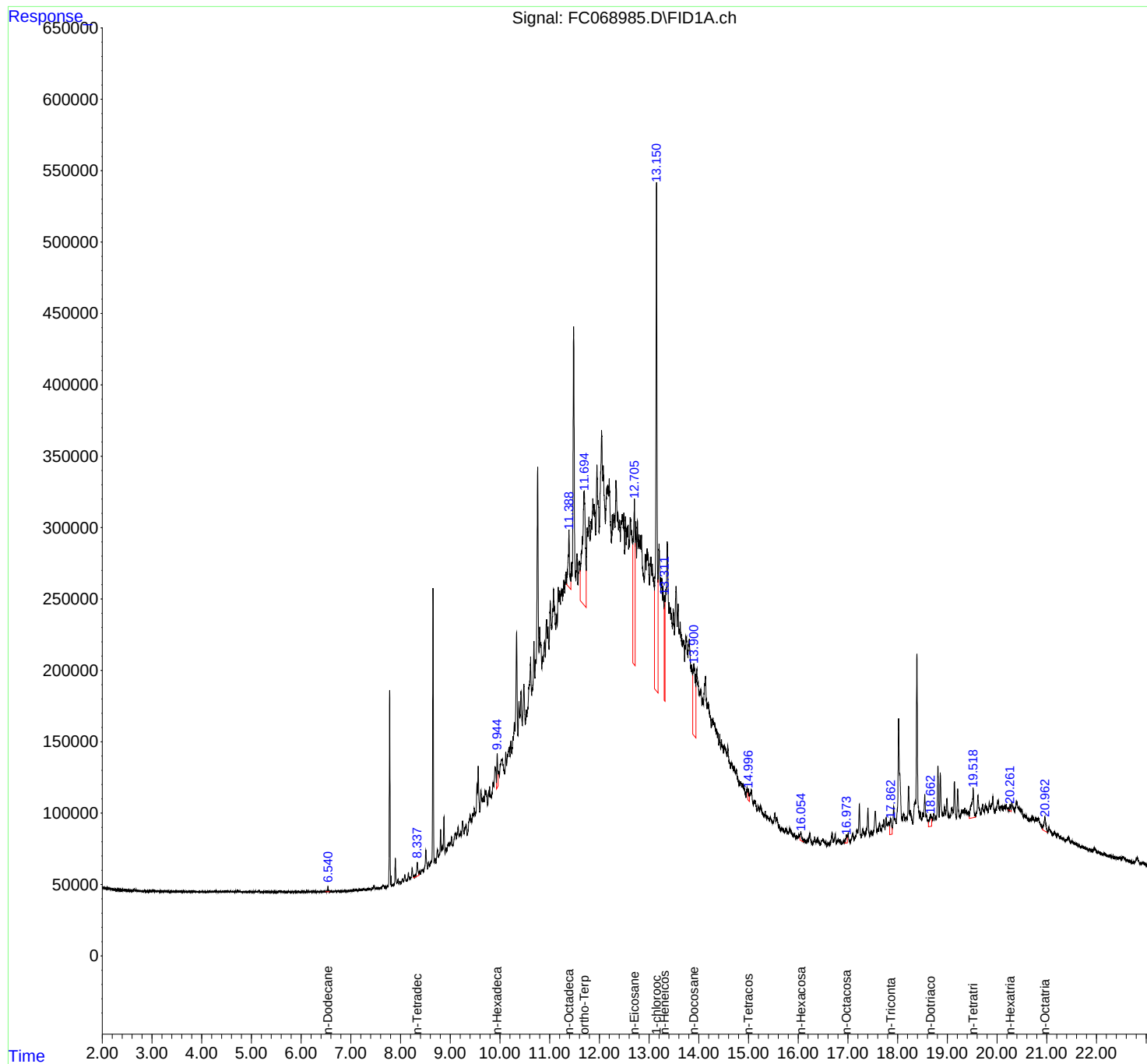
(m)=manual int.

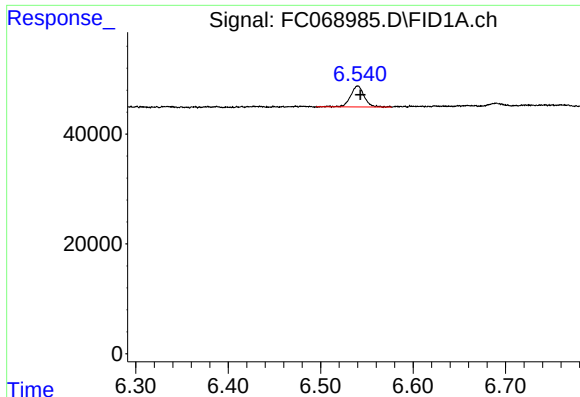
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052225AL\
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

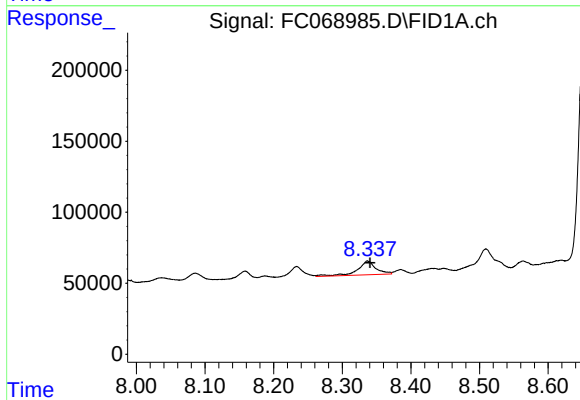




#4 n-Dodecane (C12)

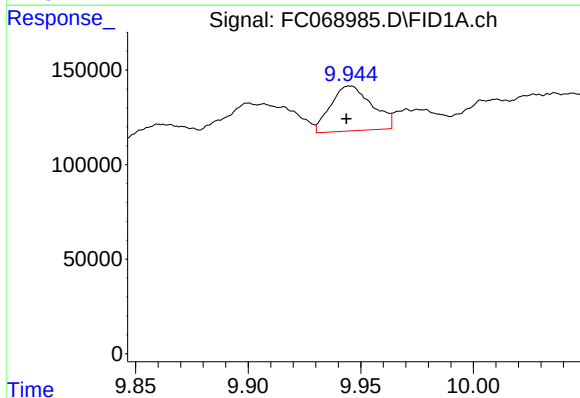
R.T.: 6.540 min
Delta R.T.: -0.003 min
Response: 38801
Conc: 0.40 ug/ml

Instrument :
FID_C
ClientSampleId :
LAW-25-0078



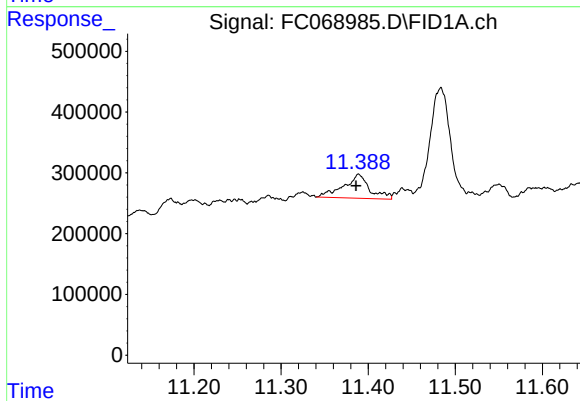
#6 n-Tetradecane (C14)

R.T.: 8.337 min
Delta R.T.: -0.003 min
Response: 183692
Conc: 1.99 ug/ml



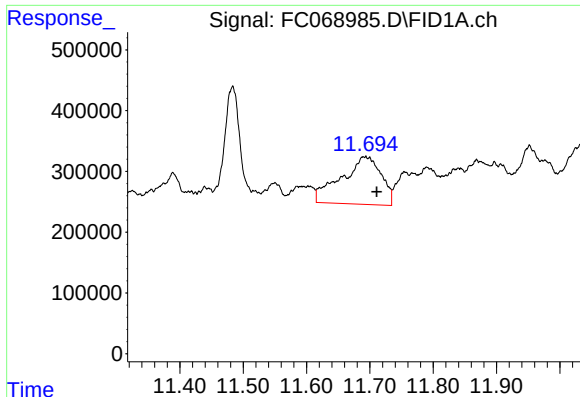
#7 n-Hexadecane (C16)

R.T.: 9.945 min
Delta R.T.: 0.002 min
Response: 302129
Conc: 3.37 ug/ml



#8 n-Octadecane (C18)

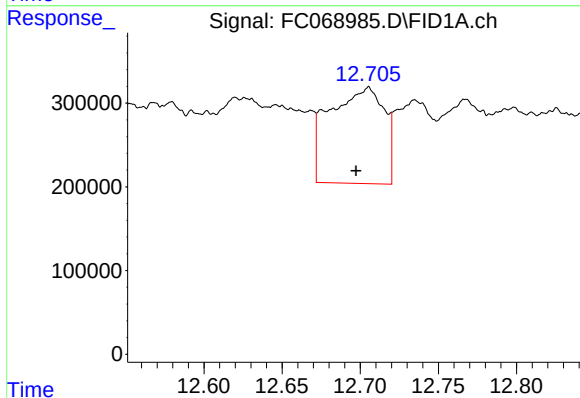
R.T.: 11.389 min
Delta R.T.: 0.003 min
Response: 810571
Conc: 9.24 ug/ml



#9 ortho-Terphenyl (SURR)

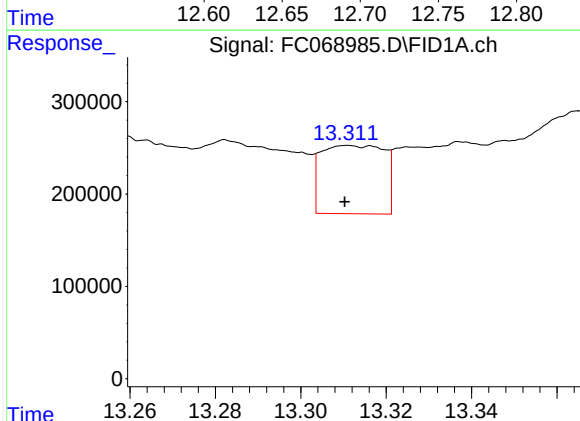
R.T.: 11.691 min
Delta R.T.: -0.020 min
Response: 3437609
Conc: 30.12 ug/ml

Instrument :
FID_C
ClientSampleId :
LAW-25-0078



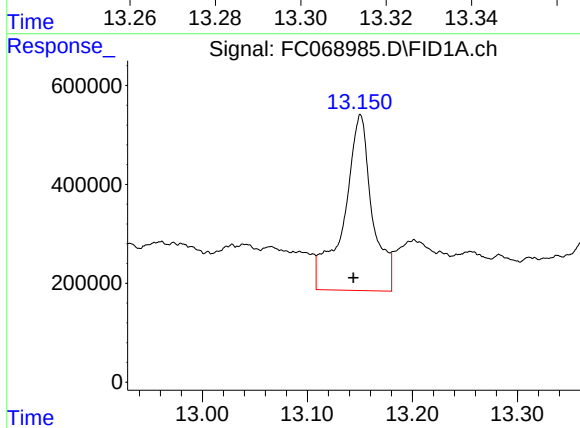
#10 n-Eicosane (C20)

R.T.: 12.705 min
Delta R.T.: 0.007 min
Response: 2782951
Conc: 32.66 ug/ml



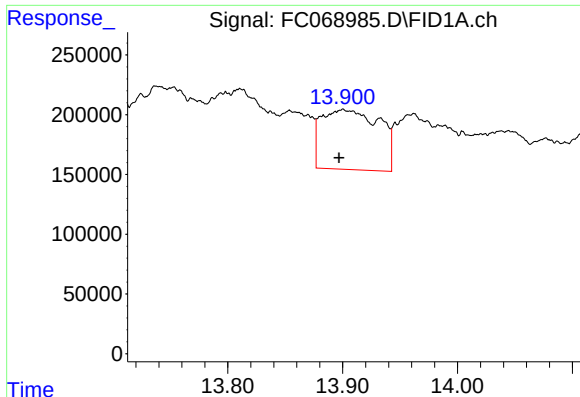
#11 n-Heneicosane (C21)

R.T.: 13.312 min
Delta R.T.: 0.002 min
Response: 757753
Conc: 8.98 ug/ml



#12 1-chlorooctadecane (SURR)

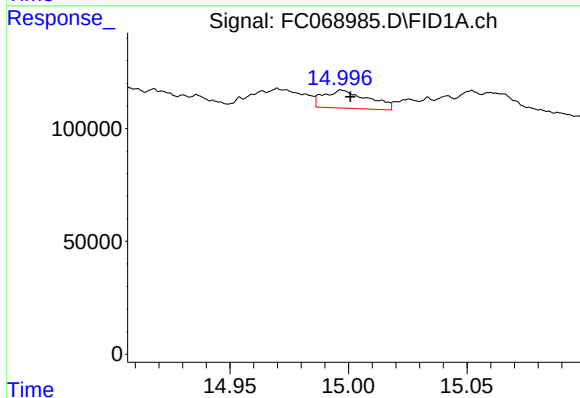
R.T.: 13.150 min
Delta R.T.: 0.006 min
Response: 6665370
Conc: 83.08 ug/ml



#13 n-Docosane (C22)

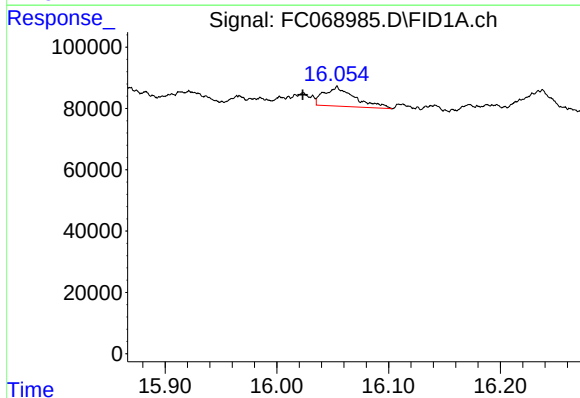
R.T.: 13.900 min
Delta R.T.: 0.004 min
Response: 1758325
Conc: 21.02 ug/ml

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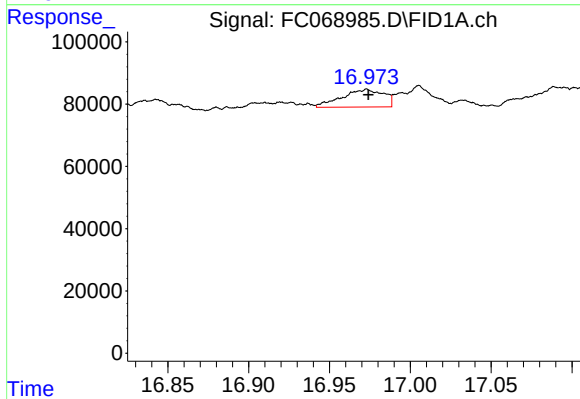
#14 n-Tetracosane (C24)

R.T.: 14.997 min
Delta R.T.: -0.003 min
Response: 104573
Conc: 1.26 ug/ml



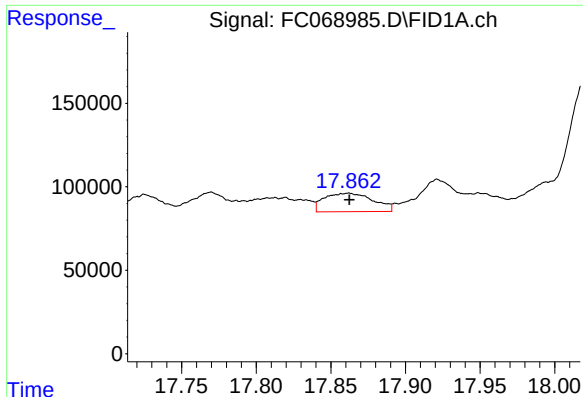
#15 n-Hexacosane (C26)

R.T.: 16.054 min
Delta R.T.: 0.031 min
Response: 121185
Conc: 1.46 ug/ml



#16 n-Octacosane (C28)

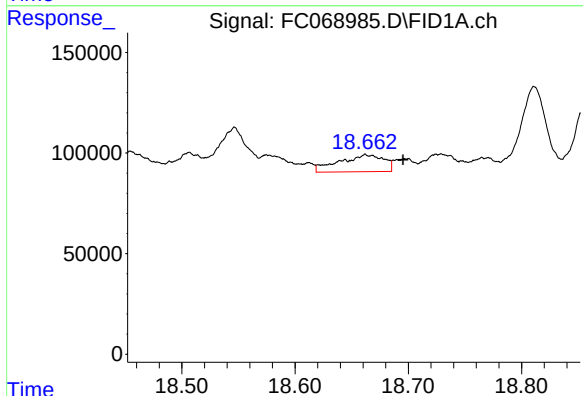
R.T.: 16.973 min
Delta R.T.: -0.002 min
Response: 102046
Conc: 1.23 ug/ml



#17 n-Tricontane (C30)

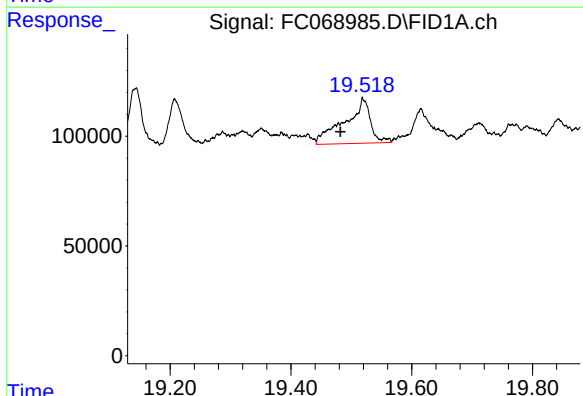
R.T.: 17.861 min
Delta R.T.: -0.001 min
Response: 252859
Conc: 2.99 ug/ml

Instrument :
FID_C
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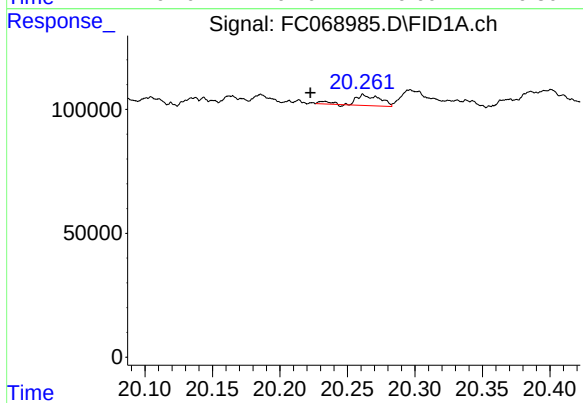
#18 n-Dotriacontane (C32)

R.T.: 18.663 min
Delta R.T.: -0.032 min
Response: 232109
Conc: 2.69 ug/ml



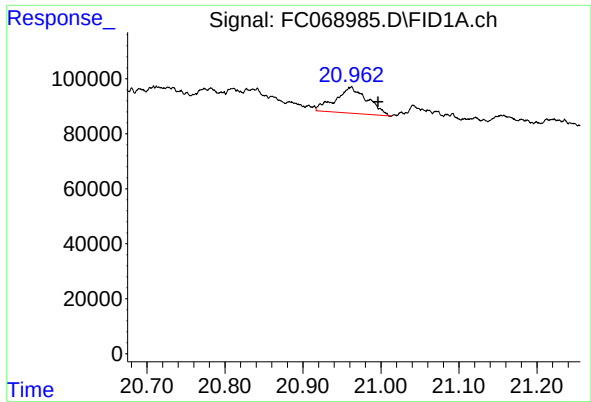
#19 n-Tetratriacontane (C34)

R.T.: 19.521 min
Delta R.T.: 0.039 min
Response: 607961
Conc: 7.14 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.262 min
Delta R.T.: 0.040 min
Response: 58230
Conc: 0.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.961 min
Delta R.T.: -0.035 min
Response: 268876
Conc: 3.21 ug/ml

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