

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091124AL\
 Data File : FE050015.D
 Signal(s) : FID1B.ch
 Acq On : 10 Sep 2024 22:37
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/11/2024
 Supervised By :Ankita Jodhani 09/11/2024

Integration File: autoint1.e
 Quant Time: Sep 11 03:20:15 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 09 17:11:47 2024
 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)	11.875	3001644	20.175 ug/ml
Spiked Amount 50.000		Recovery =	40.35%
12) S 1-chlorooctadecane (S...	13.308	2282397	20.319 ug/ml
Spiked Amount 50.000		Recovery =	40.64%
Target Compounds			
1) T n-Nonane (C9)	3.264	2743010	20.237 ug/ml
2) T n-Decane (C10)	4.515	2806637	20.336 ug/ml
3) T A~Naphthalene (C11.7)	6.223	2887385	20.629 ug/ml
4) T n-Dodecane (C12)	6.682	2810191	20.322 ug/ml
5) T A~2-methylnaphthalene...	7.319	2696940	20.519 ug/ml
6) T n-Tetradecane (C14)	8.509	2764754	20.303 ug/ml
7) T n-Hexadecane (C16)	10.115	2824862	20.337 ug/ml
8) T n-Octadecane (C18)	11.556	2835657	20.240 ug/ml
10) T n-Eicosane (C20)	12.864	2705339	20.167 ug/ml
11) T n-Heneicosane (C21)	13.474	2649605	20.165 ug/ml
13) T n-Docosane (C22)	14.061	2626236	20.168 ug/ml
14) T n-Tetracosane (C24)	15.161	2644693	20.252 ug/ml
15) T n-Hexacosane (C26)	16.181	2585644	20.210 ug/ml
16) T n-Octacosane (C28)	17.130	2612829	20.285 ug/ml
17) T n-Tricontane (C30)	18.016	2702684	20.211 ug/ml
18) T n-Dotriacontane (C32)	18.848	2698017	20.247 ug/ml
19) T n-Tetratriacontane (C34)	19.630	2486950	20.127 ug/ml
20) T n-Hexatriacontane (C36)	20.370	2246670	20.249 ug/ml
21) T n-Octatriacontane (C38)	21.095	2190685	19.865 ug/ml
22) T n-Tetracontane (C40)	21.985	2136506	19.634 ug/ml

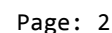
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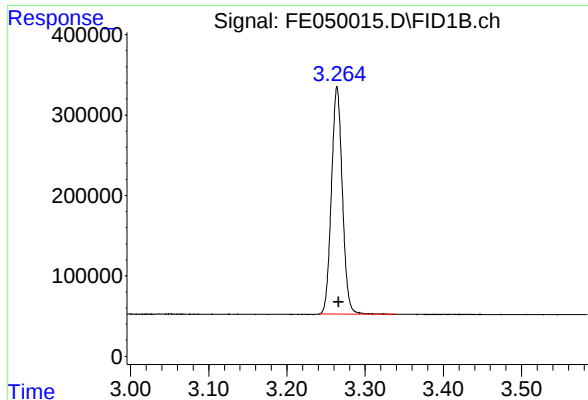
(m)=manual int.

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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





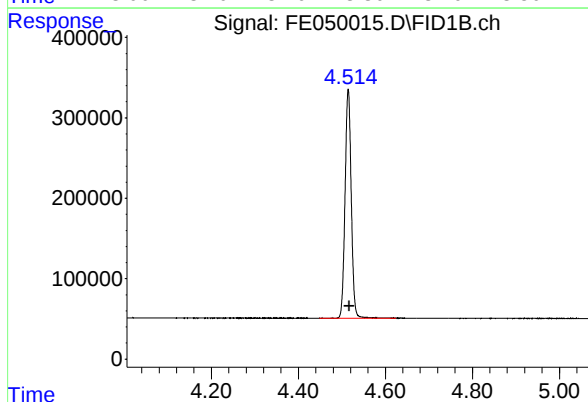
#1 n-Nonane (C9)

R.T.: 3.264 min
Delta R.T.: -0.002 min
Response: 2743010
Conc: 20.24 ug/ml

Instrument : FID_E
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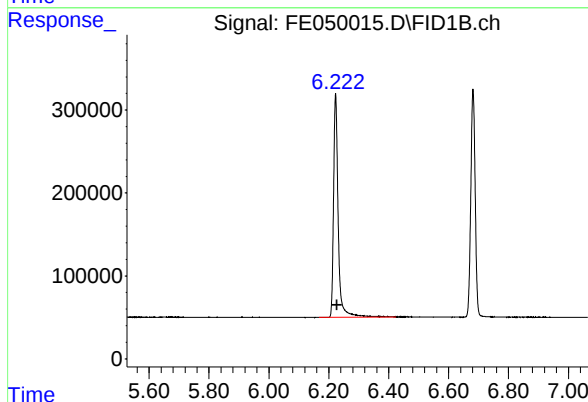
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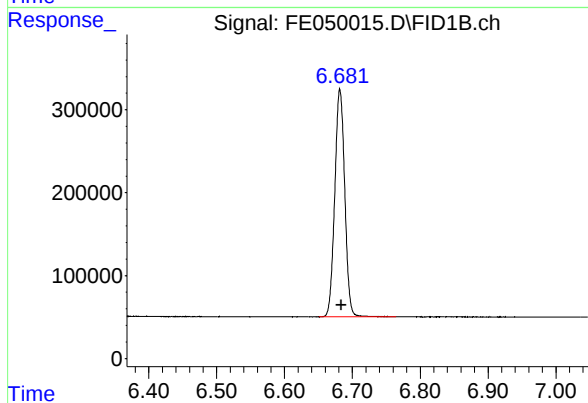
#2 n-Decane (C10)

R.T.: 4.515 min
Delta R.T.: -0.002 min
Response: 2806637
Conc: 20.34 ug/ml



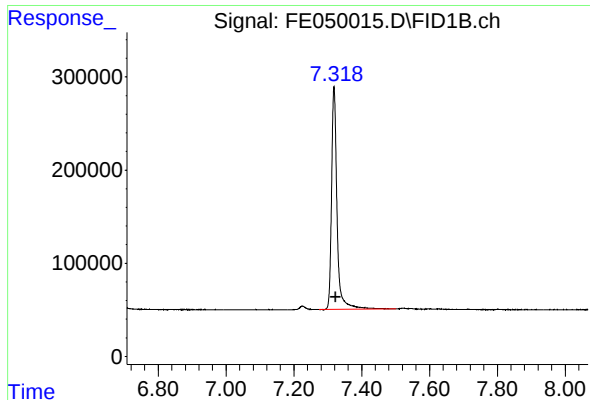
#3 A~Naphthalene (C11.7)

R.T.: 6.223 min
Delta R.T.: -0.004 min
Response: 2887385
Conc: 20.63 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.682 min
Delta R.T.: -0.002 min
Response: 2810191
Conc: 20.32 ug/ml



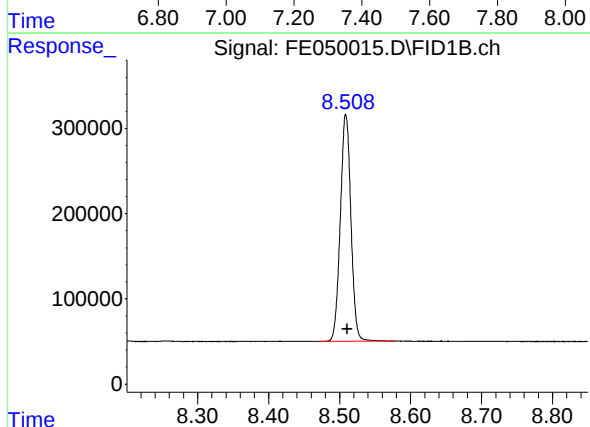
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.319 min
Delta R.T.: -0.005 min
Response: 2696940
Conc: 20.52 ug/ml

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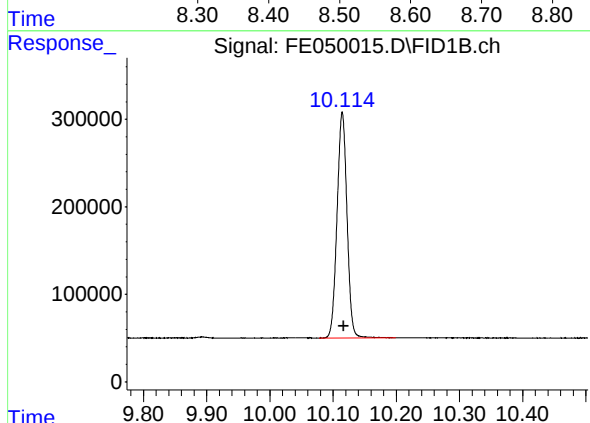
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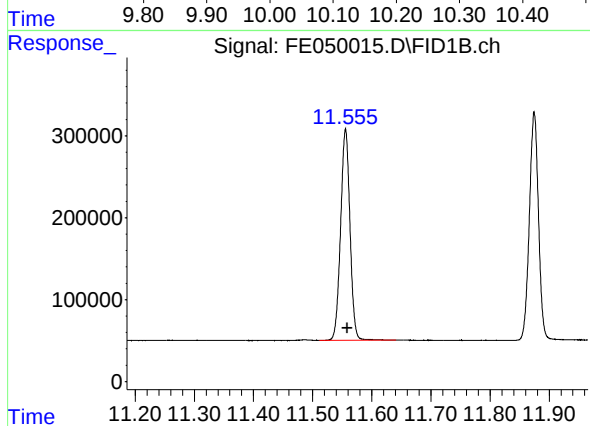
#6 n-Tetradecane (C14)

R.T.: 8.509 min
Delta R.T.: -0.002 min
Response: 2764754
Conc: 20.30 ug/ml



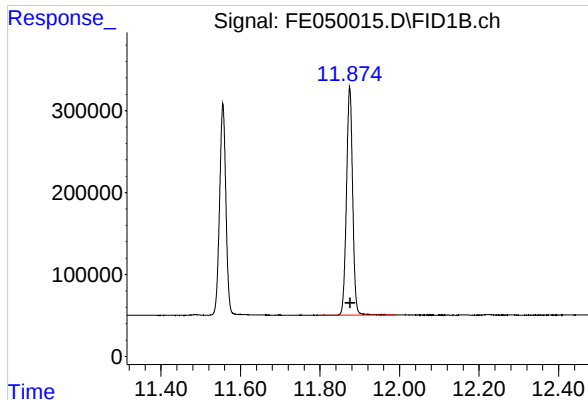
#7 n-Hexadecane (C16)

R.T.: 10.115 min
Delta R.T.: -0.002 min
Response: 2824862
Conc: 20.34 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.556 min
Delta R.T.: -0.003 min
Response: 2835657
Conc: 20.24 ug/ml



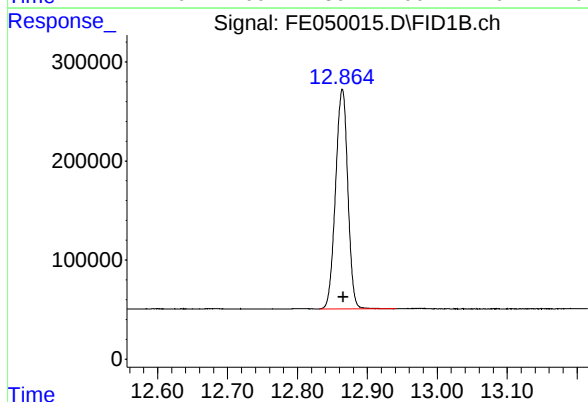
#9 ortho-Terphenyl (SURR)

R.T.: 11.875 min
Delta R.T.: -0.002 min
Response: 3001644
Conc: 20.18 ug/ml

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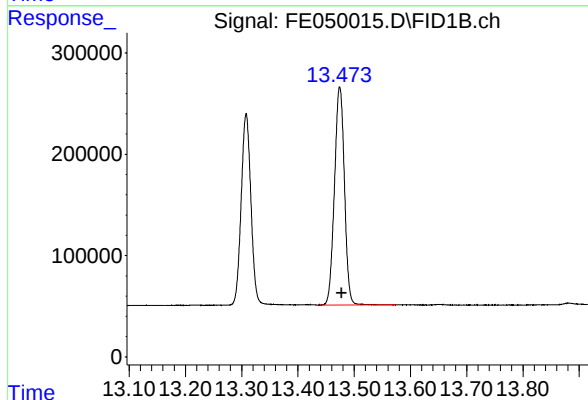
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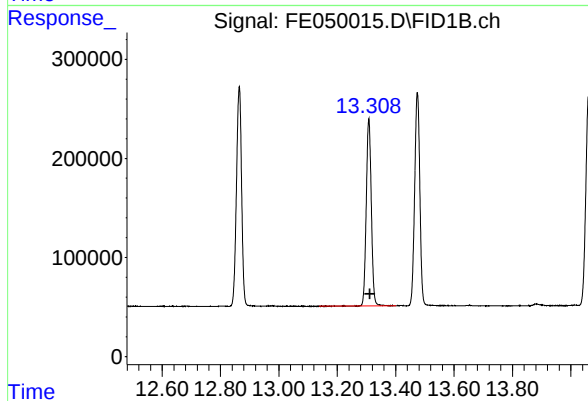
#10 n-Eicosane (C20)

R.T.: 12.864 min
Delta R.T.: -0.002 min
Response: 2705339
Conc: 20.17 ug/ml



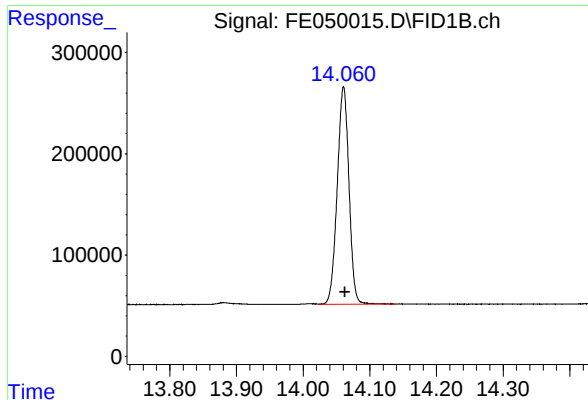
#11 n-Heneicosane (C21)

R.T.: 13.474 min
Delta R.T.: -0.003 min
Response: 2649605
Conc: 20.16 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.308 min
Delta R.T.: -0.004 min
Response: 2282397
Conc: 20.32 ug/ml



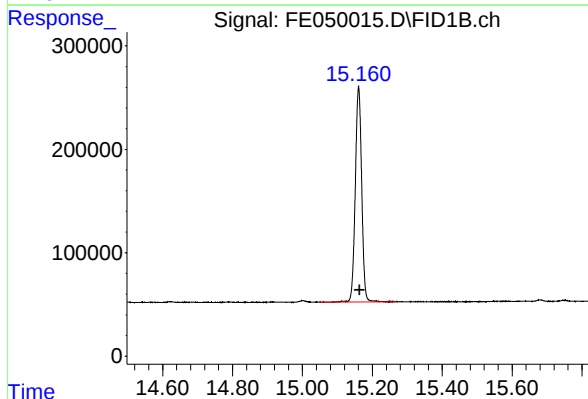
#13 n-Docosane (C22)

R.T.: 14.061 min
Delta R.T.: -0.002 min
Response: 2626236
Conc: 20.17 ug/ml

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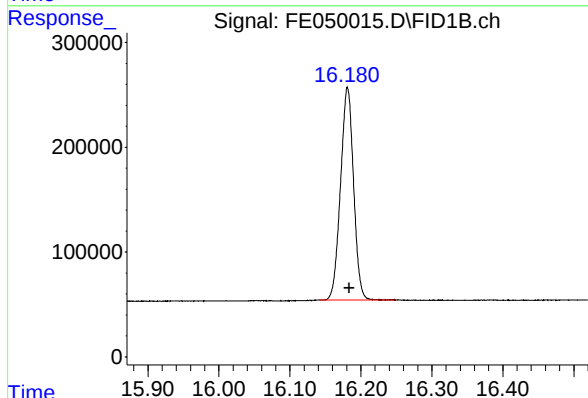
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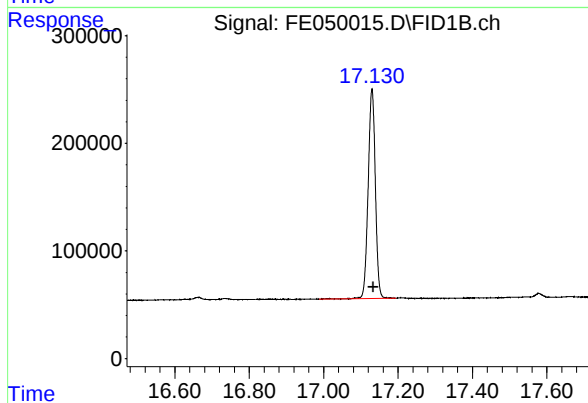
#14 n-Tetracosane (C24)

R.T.: 15.161 min
Delta R.T.: -0.004 min
Response: 2644693
Conc: 20.25 ug/ml



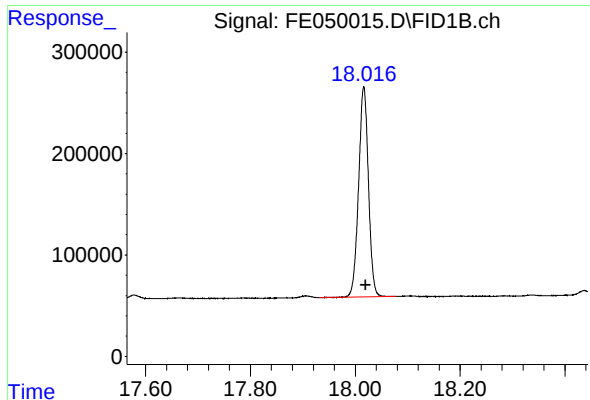
#15 n-Hexacosane (C26)

R.T.: 16.181 min
Delta R.T.: -0.003 min
Response: 2585644
Conc: 20.21 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.130 min
Delta R.T.: -0.003 min
Response: 2612829
Conc: 20.28 ug/ml



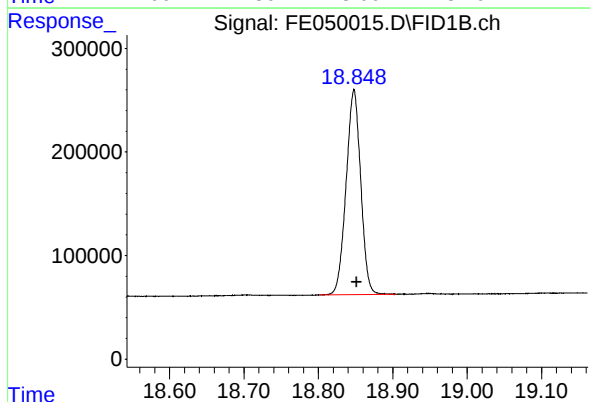
#17 n-Tricontane (C30)

R.T.: 18.016 min
Delta R.T.: -0.004 min
Response: 2702684
Conc: 20.21 ug/ml

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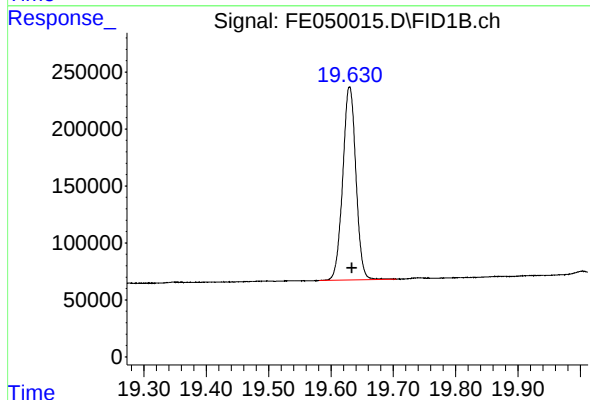
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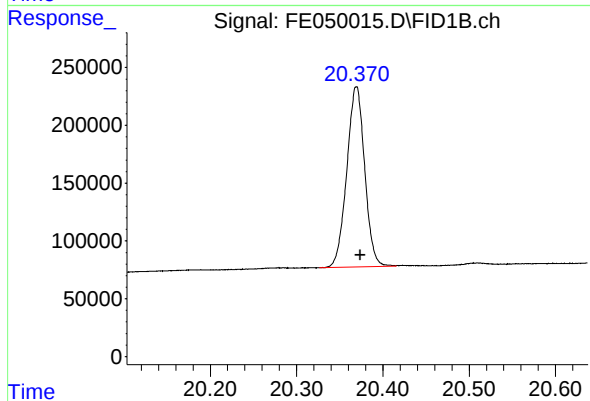
#18 n-Dotriacontane (C32)

R.T.: 18.848 min
Delta R.T.: -0.003 min
Response: 2698017
Conc: 20.25 ug/ml



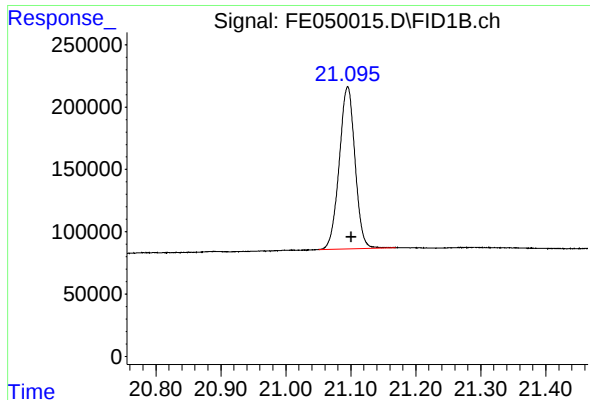
#19 n-Tetratriacontane (C34)

R.T.: 19.630 min
Delta R.T.: -0.004 min
Response: 2486950
Conc: 20.13 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.370 min
Delta R.T.: -0.004 min
Response: 2246670
Conc: 20.25 ug/ml m



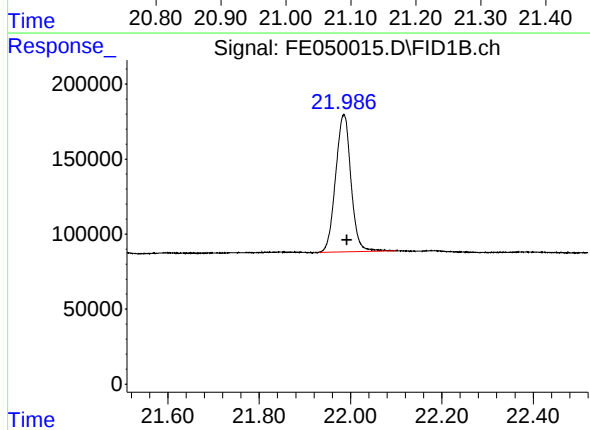
#21 n-Octatriacontane (C38)

R.T.: 21.095 min
Delta R.T.: -0.006 min
Response: 2190685
Conc: 19.86 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.985 min
Delta R.T.: -0.007 min
Response: 2136506
Conc: 19.63 ug/ml