

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062824AL\
 Data File : FC066695.D
 Signal(s) : FID1A.ch
 Acq On : 28 Jun 2024 23:44
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/01/2024
 Supervised By :Ankita Jodhani 07/01/2024

Integration File: autoint1.e
 Quant Time: Jun 29 02:19:29 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061724.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 17 13:44:39 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)	11.533	2954795	17.131 ug/ml
Spiked Amount 50.000		Recovery =	34.26%
12) S 1-chlorooctadecane (S...	12.971	2299073	16.662 ug/ml
Spiked Amount 50.000		Recovery =	33.32%
Target Compounds			
1) T n-Nonane (C9)	3.292	2544890	17.515 ug/ml
2) T n-Decane (C10)	4.359	2724150	18.263 ug/ml
3) T A~Naphthalene (C11.7)	5.944	2972164	18.306 ug/ml
4) T n-Dodecane (C12)	6.379	2764914	18.243 ug/ml
5) T A~2-methylnaphthalene...	7.001	2884767	18.158 ug/ml
6) T n-Tetradecane (C14)	8.175	2770560	18.265 ug/ml
7) T n-Hexadecane (C16)	9.776	2919281	18.224 ug/ml
8) T n-Octadecane (C18)	11.217	2931247	17.666 ug/mlm
10) T n-Eicosane (C20)	12.528	2791328	17.170 ug/ml
11) T n-Heneicosane (C21)	13.139	2715597	16.854 ug/ml
13) T n-Docosane (C22)	13.725	2709583	16.901 ug/ml
14) T n-Tetracosane (C24)	14.828	2689308	16.945 ug/mlm
15) T n-Hexacosane (C26)	15.848	2646977	17.335 ug/ml
16) T n-Octacosane (C28)	16.799	2710048	18.787 ug/mlm
17) T n-Tricontane (C30)	17.686	2958592	21.176 ug/ml
18) T n-Dotriacontane (C32)	18.518	2987689	22.639 ug/ml
19) T n-Tetratriacontane (C34)	19.302	2768186	22.383 ug/ml
20) T n-Hexatriacontane (C36)	20.043	2476858	20.551 ug/ml
21) T n-Octatriacontane (C38)	20.773	2410776	21.083 ug/ml
22) T n-Tetracontane (C40)	21.675	2297042	20.453 ug/ml

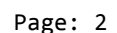
(f)=RT Delta > 1/2 Window

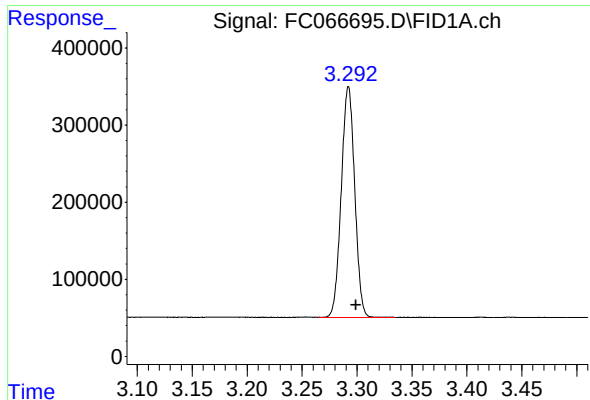
(m)=manual int.

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





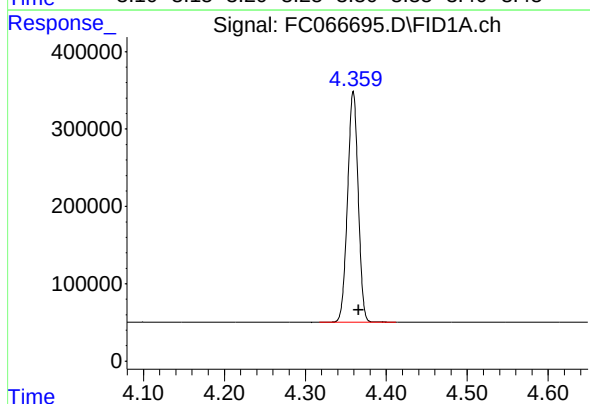
#1 n-Nonane (C9)

R.T.: 3.292 min
Delta R.T.: -0.007 min
Response: 2544890
Conc: 17.52 ug/ml

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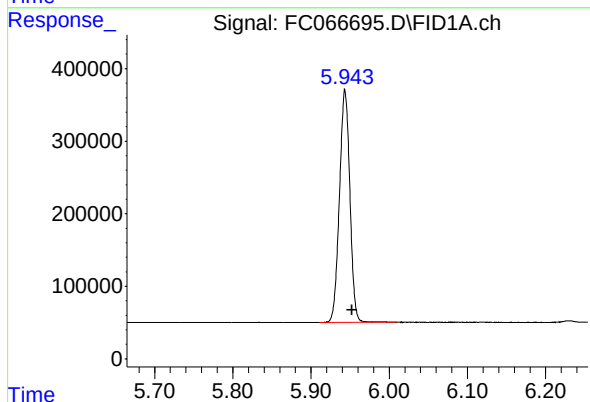
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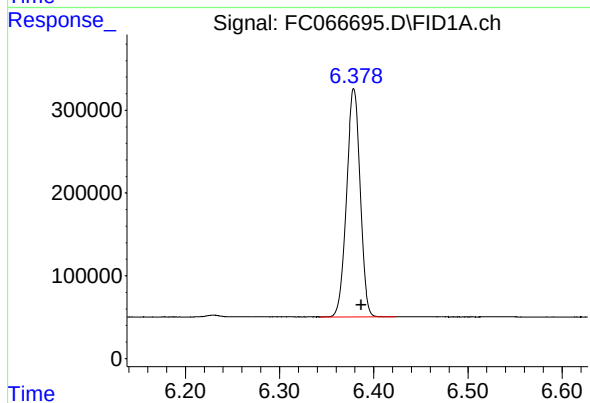
#2 n-Decane (C10)

R.T.: 4.359 min
Delta R.T.: -0.007 min
Response: 2724150
Conc: 18.26 ug/ml



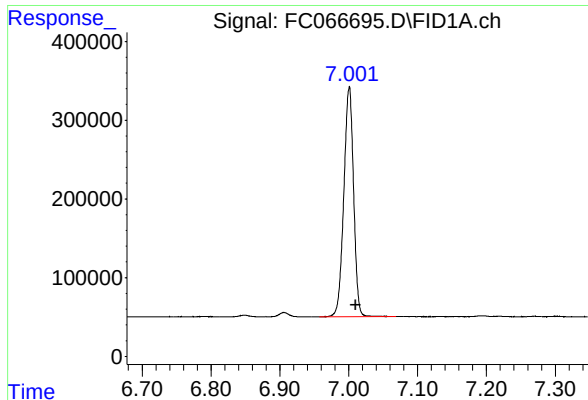
#3 A~Naphthalene (C11.7)

R.T.: 5.944 min
Delta R.T.: -0.009 min
Response: 2972164
Conc: 18.31 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.379 min
Delta R.T.: -0.008 min
Response: 2764914
Conc: 18.24 ug/ml



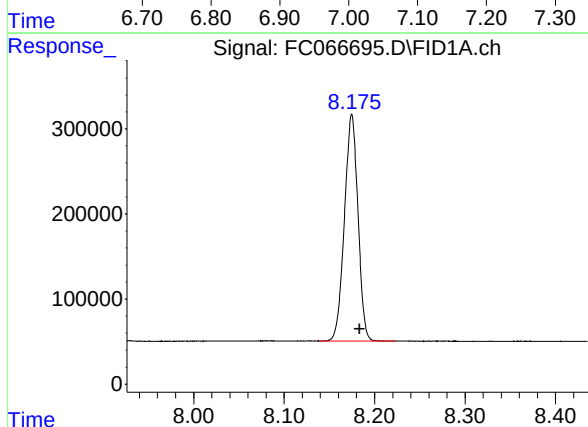
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.001 min
Delta R.T.: -0.009 min
Response: 2884767
Conc: 18.16 ug/ml

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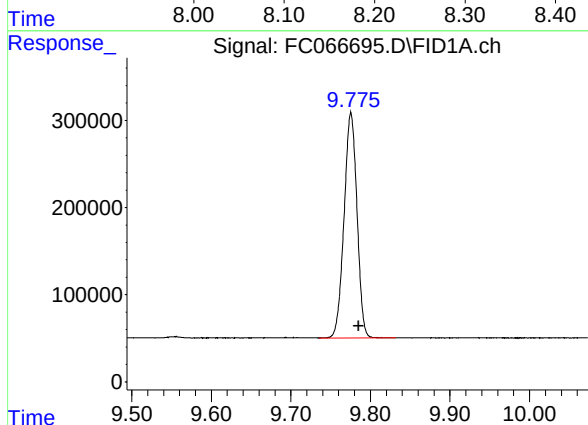
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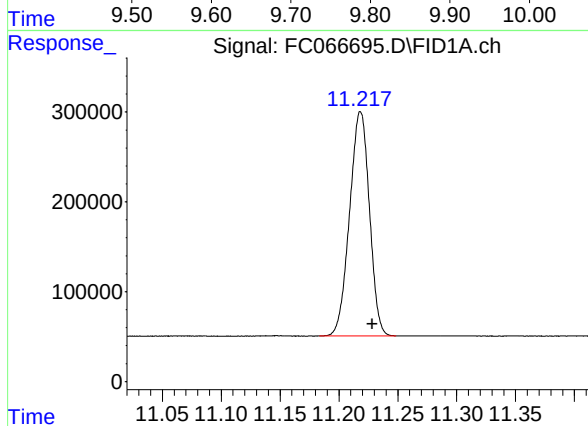
#6 n-Tetradecane (C14)

R.T.: 8.175 min
Delta R.T.: -0.009 min
Response: 2770560
Conc: 18.27 ug/ml



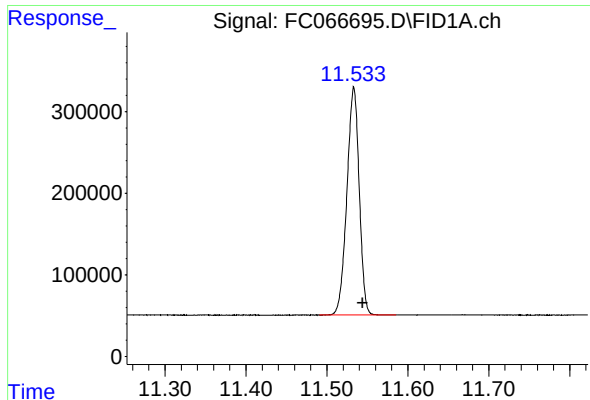
#7 n-Hexadecane (C16)

R.T.: 9.776 min
Delta R.T.: -0.010 min
Response: 2919281
Conc: 18.22 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.217 min
Delta R.T.: -0.011 min
Response: 2931247
Conc: 17.67 ug/ml m



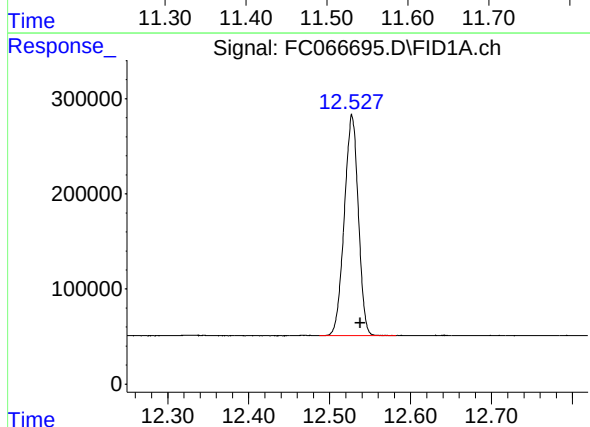
#9 ortho-Terphenyl (SURR)

R.T.: 11.533 min
Delta R.T.: -0.011 min
Response: 2954795
Conc: 17.13 ug/ml

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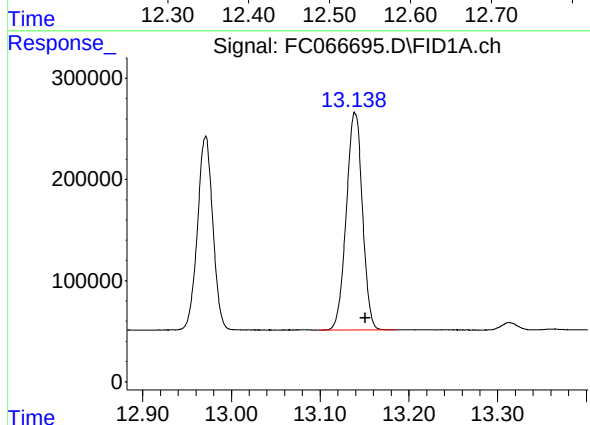
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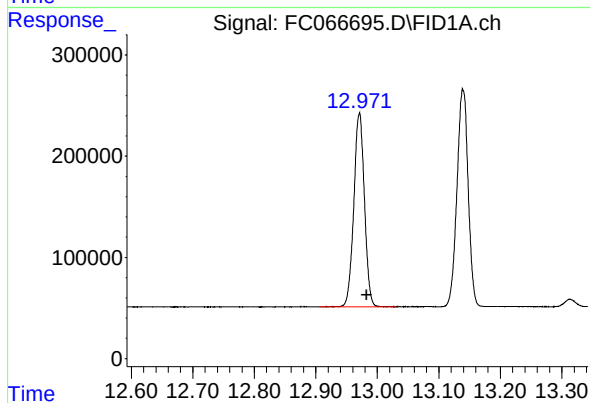
#10 n-Eicosane (C20)

R.T.: 12.528 min
Delta R.T.: -0.011 min
Response: 2791328
Conc: 17.17 ug/ml



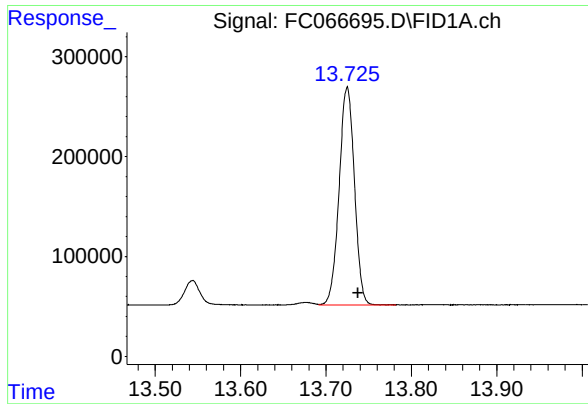
#11 n-Heneicosane (C21)

R.T.: 13.139 min
Delta R.T.: -0.011 min
Response: 2715597
Conc: 16.85 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.971 min
Delta R.T.: -0.012 min
Response: 2299073
Conc: 16.66 ug/ml



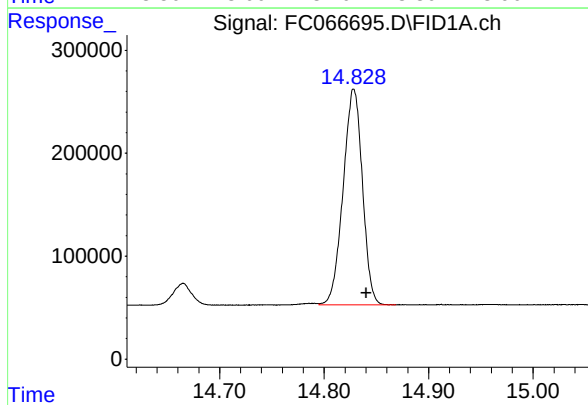
#13 n-Docosane (C22)

R.T.: 13.725 min
Delta R.T.: -0.013 min
Response: 2709583
Conc: 16.90 ug/ml

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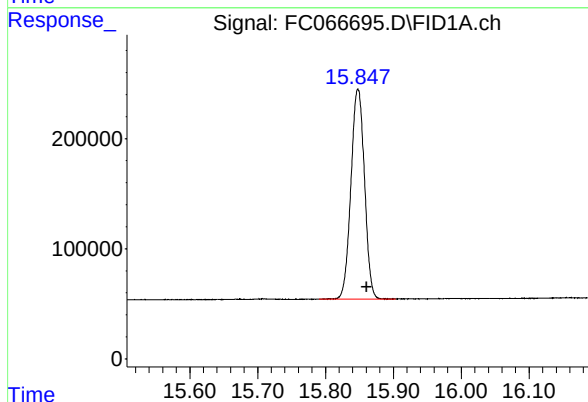
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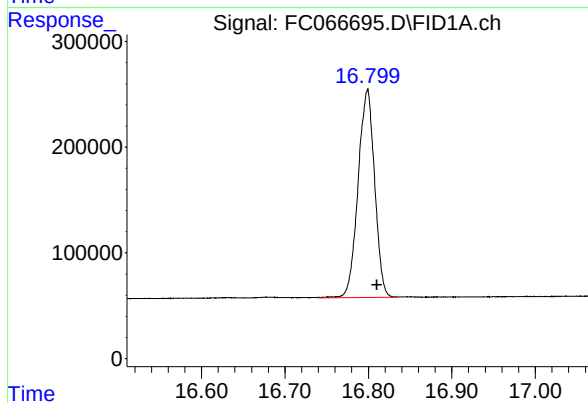
#14 n-Tetracosane (C24)

R.T.: 14.828 min
Delta R.T.: -0.012 min
Response: 2689308
Conc: 16.94 ug/ml m



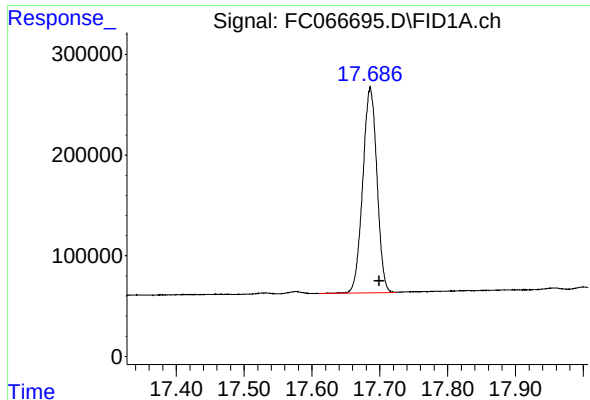
#15 n-Hexacosane (C26)

R.T.: 15.848 min
Delta R.T.: -0.013 min
Response: 2646977
Conc: 17.34 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.799 min
Delta R.T.: -0.011 min
Response: 2710048
Conc: 18.79 ug/ml m



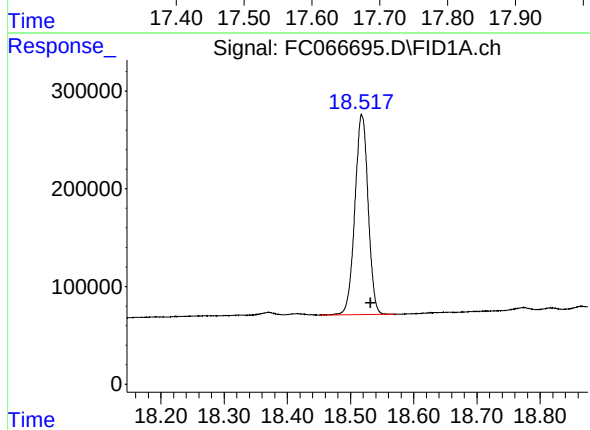
#17 n-Tricontane (C30)

R.T.: 17.686 min
Delta R.T.: -0.013 min
Response: 2958592
Conc: 21.18 ug/ml

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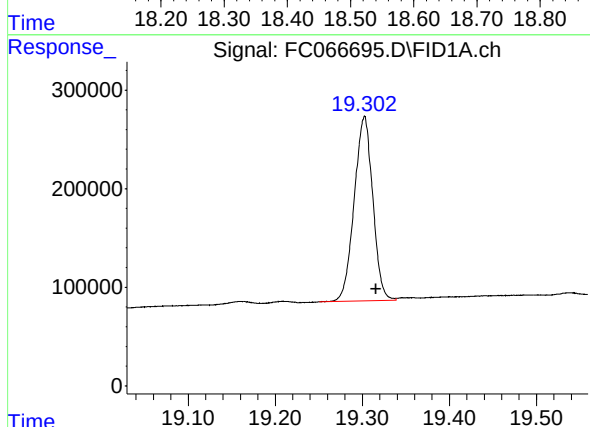
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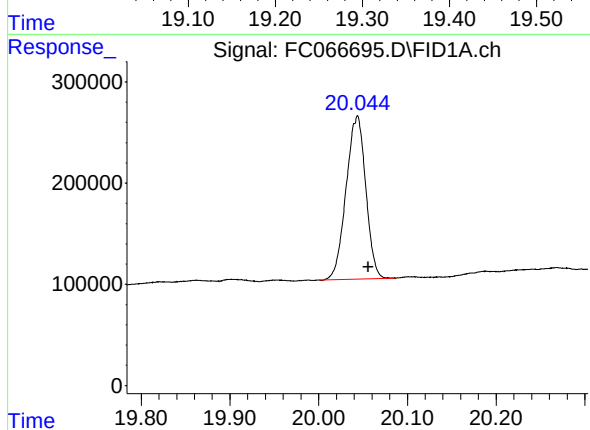
#18 n-Dotriacontane (C32)

R.T.: 18.518 min
Delta R.T.: -0.014 min
Response: 2987689
Conc: 22.64 ug/ml



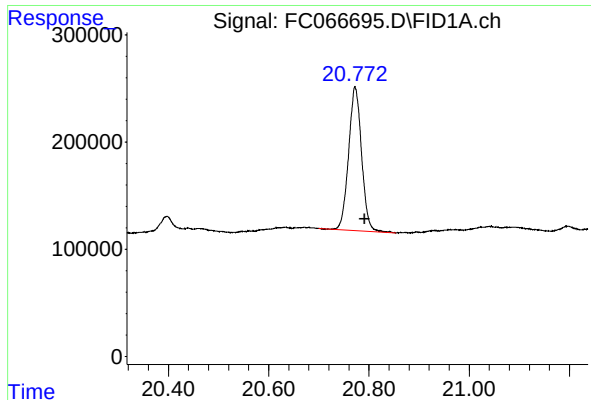
#19 n-Tetatriacontane (C34)

R.T.: 19.302 min
Delta R.T.: -0.013 min
Response: 2768186
Conc: 22.38 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.043 min
Delta R.T.: -0.013 min
Response: 2476858
Conc: 20.55 ug/ml



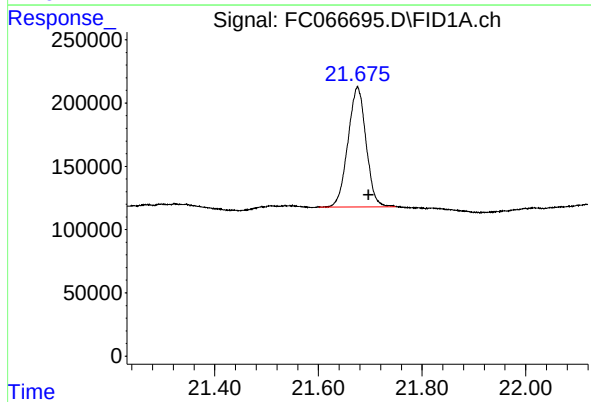
#21 n-Octatriacontane (C38)

R.T.: 20.773 min
Delta R.T.: -0.018 min
Response: 2410776
Conc: 21.08 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.675 min
Delta R.T.: -0.022 min
Response: 2297042
Conc: 20.45 ug/ml