

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091924AL\
 Data File : FC067193.D
 Signal(s) : FID1A.ch
 Acq On : 20 Sep 2024 06:05
 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

Integration File: autoint1.e
 Quant Time: Sep 20 06:55:00 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 11 02:55:44 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

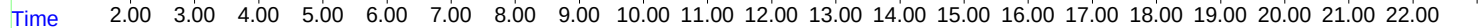
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.503	2441804	17.536 ug/ml
Spiked Amount 50.000		Recovery =	35.07%
12) S 1-chlorooctadecane (S...	12.942	1766949	18.088 ug/ml
Spiked Amount 50.000		Recovery =	36.18%
Target Compounds			
1) T n-Nonane (C9)	3.276	2252752	16.983 ug/ml
2) T n-Decane (C10)	4.342	2318852	17.265 ug/ml
3) T A~Naphthalene (C11.7)	5.921	2448938	17.231 ug/ml
4) T n-Dodecane (C12)	6.358	2318493	17.321 ug/ml
5) T A~2-methylnaphthalene...	6.976	2314726	17.334 ug/ml
6) T n-Tetradecane (C14)	8.152	2260921	17.543 ug/ml
7) T n-Hexadecane (C16)	9.751	2286417	17.734 ug/ml
8) T n-Octadecane (C18)	11.191	2300883	17.984 ug/ml
10) T n-Eicosane (C20)	12.499	2156181	17.951 ug/ml
11) T n-Heneicosane (C21)	13.110	2094988	17.938 ug/ml
13) T n-Docosane (C22)	13.696	2069826	17.927 ug/ml
14) T n-Tetracosane (C24)	14.797	2041575	17.978 ug/ml
15) T n-Hexacosane (C26)	15.818	2006243	18.102 ug/ml
16) T n-Octacosane (C28)	16.765	2023646	18.734 ug/ml
17) T n-Tricontane (C30)	17.652	2136432	19.641 ug/ml
18) T n-Dotriacontane (C32)	18.484	2103386	20.166 ug/ml
19) T n-Tetratriacontane (C34)	19.266	1858388	20.143 ug/ml
20) T n-Hexatriacontane (C36)	20.007	1548920	19.545 ug/ml
21) T n-Octatriacontane (C38)	20.733	1401290	18.655 ug/ml
22) T n-Tetracontane (C40)	21.622	1249112	17.879 ug/ml

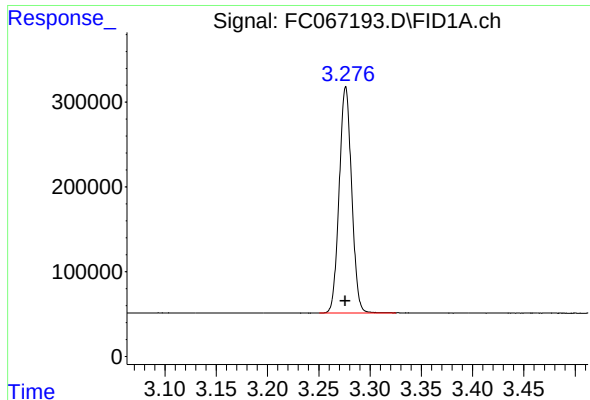
(f)=RT Delta > 1/2 Window

(m)=manual int.

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20 PPM ALIPHATIC HC STD

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

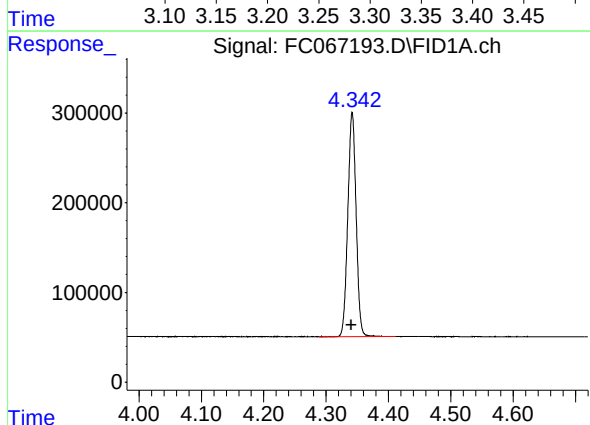




#1 n-Nonane (C9)

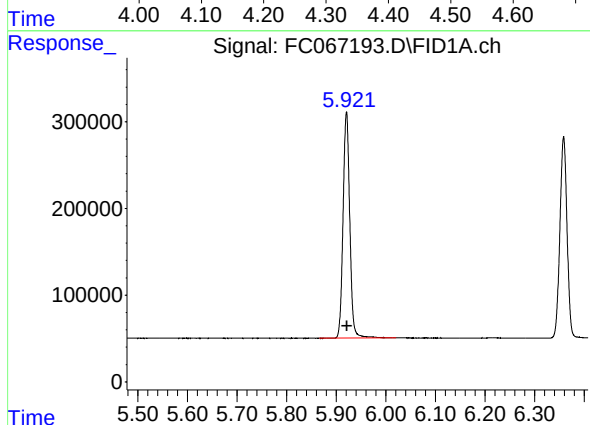
R.T.: 3.276 min
Delta R.T.: 0.000 min
Response: 2252752
Conc: 16.98 ug/ml

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20 PPM ALIPHATIC HC STD



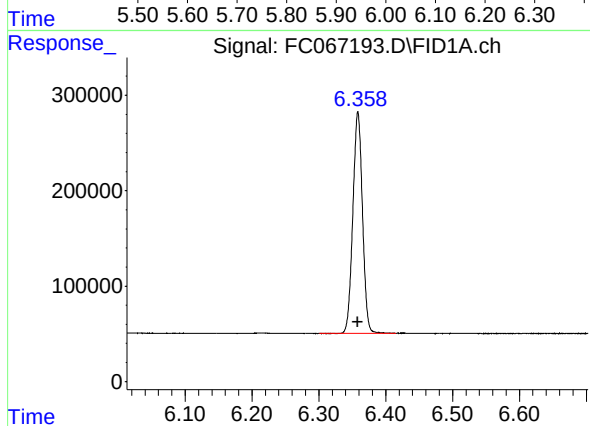
#2 n-Decane (C10)

R.T.: 4.342 min
Delta R.T.: 0.001 min
Response: 2318852
Conc: 17.27 ug/ml



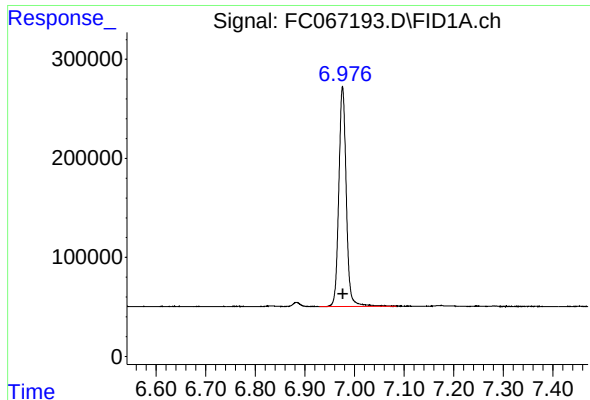
#3 A~Naphthalene (C11.7)

R.T.: 5.921 min
Delta R.T.: 0.000 min
Response: 2448938
Conc: 17.23 ug/ml



#4 n-Dodecane (C12)

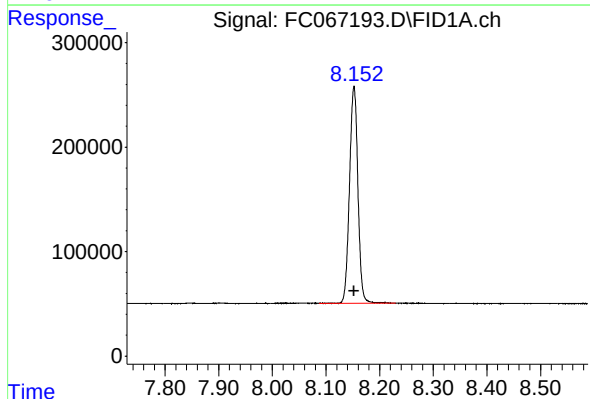
R.T.: 6.358 min
Delta R.T.: 0.000 min
Response: 2318493
Conc: 17.32 ug/ml



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

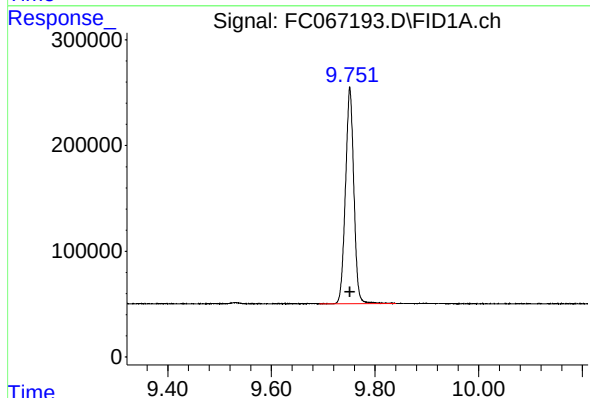
R.T.: 6.976 min
Delta R.T.: -0.001 min
Response: 2314726
Conc: 17.33 ug/ml

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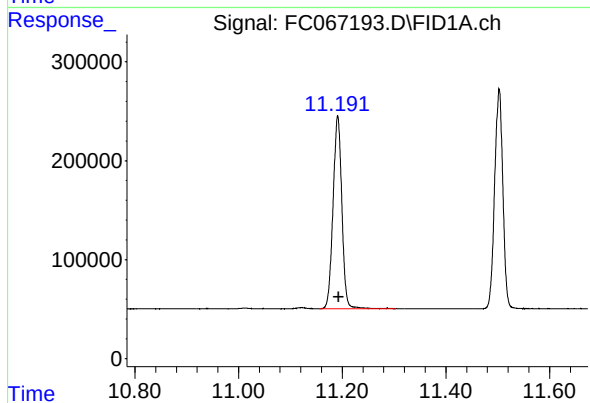
#6 n-Tetradecane (C14)

R.T.: 8.152 min
Delta R.T.: 0.000 min
Response: 2260921
Conc: 17.54 ug/ml



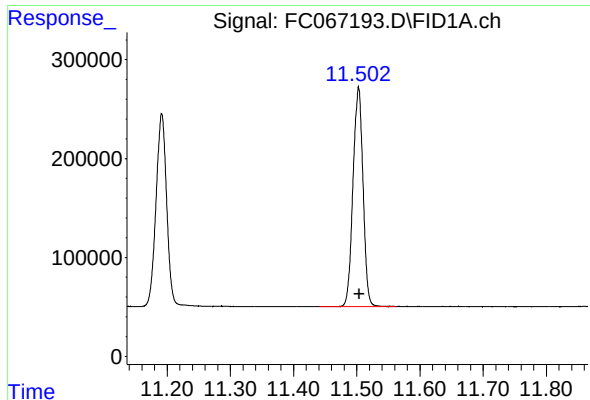
#7 n-Hexadecane (C16)

R.T.: 9.751 min
Delta R.T.: 0.000 min
Response: 2286417
Conc: 17.73 ug/ml



#8 n-Octadecane (C18)

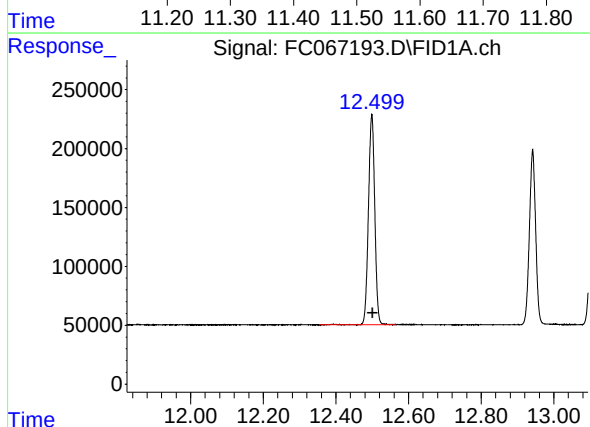
R.T.: 11.191 min
Delta R.T.: -0.001 min
Response: 2300883
Conc: 17.98 ug/ml



#9 ortho-Terphenyl (SURR)

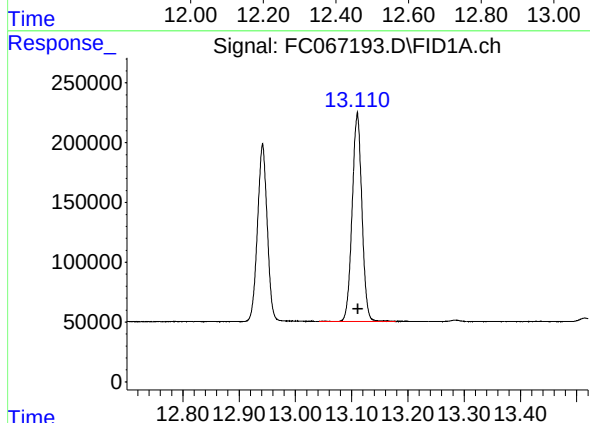
R.T.: 11.503 min
Delta R.T.: -0.001 min
Response: 2441804
Conc: 17.54 ug/ml

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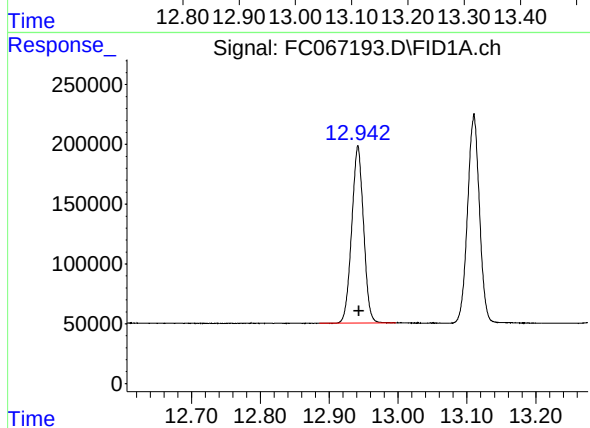
#10 n-Eicosane (C20)

R.T.: 12.499 min
Delta R.T.: -0.002 min
Response: 2156181
Conc: 17.95 ug/ml



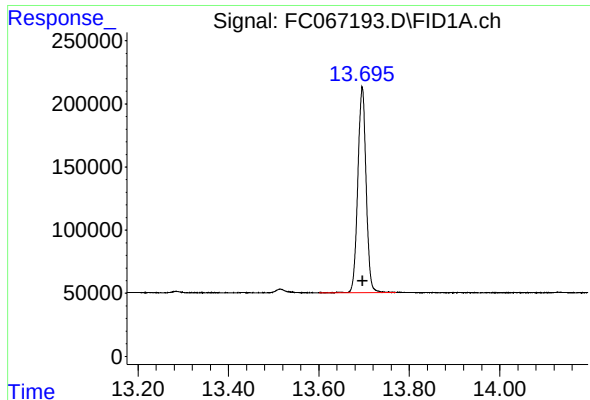
#11 n-Heneicosane (C21)

R.T.: 13.110 min
Delta R.T.: -0.002 min
Response: 2094988
Conc: 17.94 ug/ml



#12 1-chlorooctadecane (SURR)

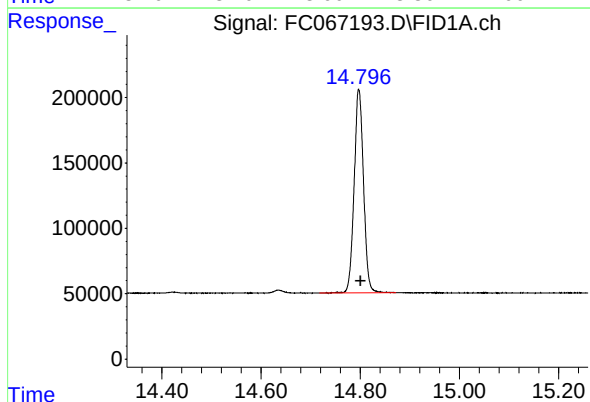
R.T.: 12.942 min
Delta R.T.: -0.002 min
Response: 1766949
Conc: 18.09 ug/ml



#13 n-Docosane (C22)

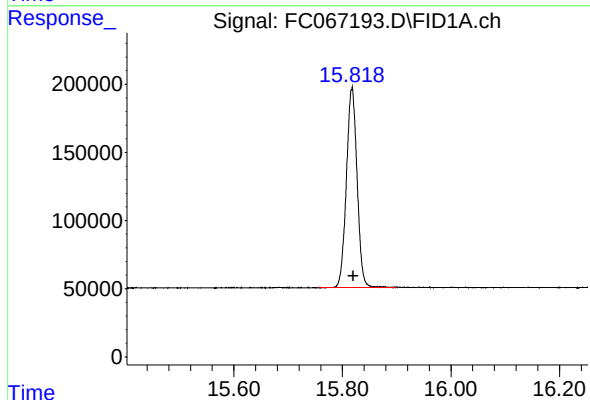
R.T.: 13.696 min
Delta R.T.: -0.001 min
Response: 2069826
Conc: 17.93 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



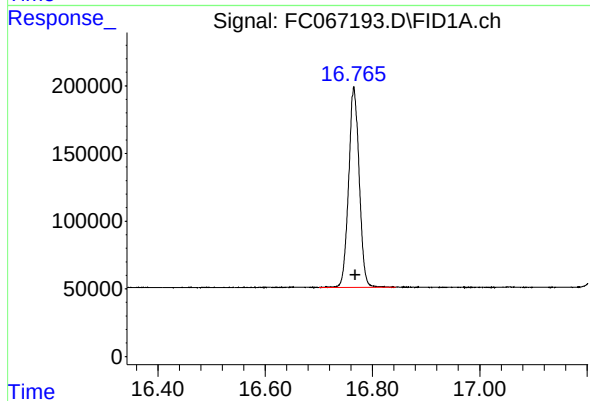
#14 n-Tetracosane (C24)

R.T.: 14.797 min
Delta R.T.: -0.003 min
Response: 2041575
Conc: 17.98 ug/ml



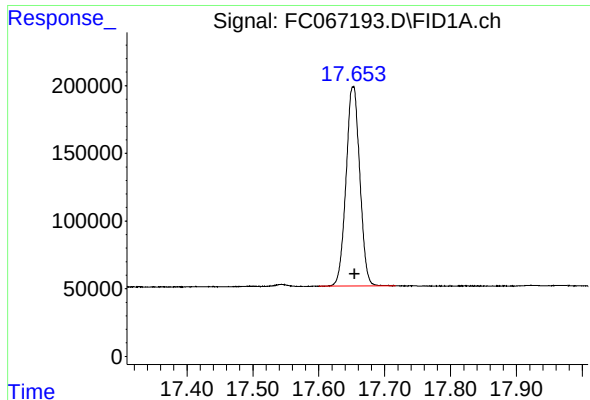
#15 n-Hexacosane (C26)

R.T.: 15.818 min
Delta R.T.: -0.003 min
Response: 2006243
Conc: 18.10 ug/ml



#16 n-Octacosane (C28)

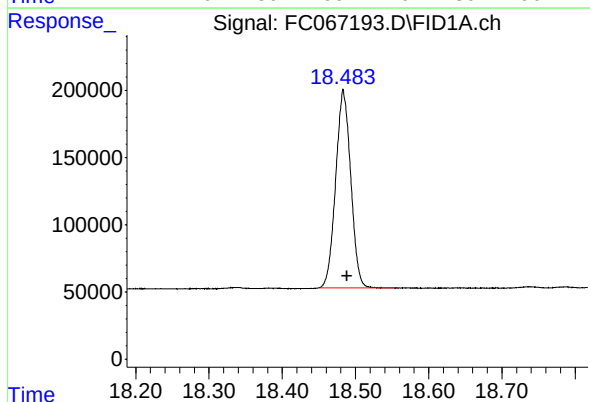
R.T.: 16.765 min
Delta R.T.: -0.002 min
Response: 2023646
Conc: 18.73 ug/ml



#17 n-Tricontane (C30)

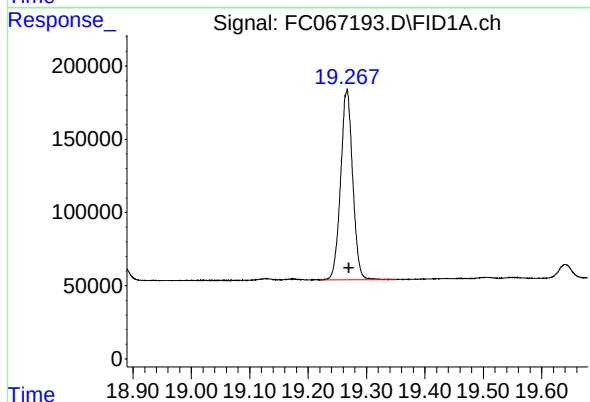
R.T.: 17.652 min
Delta R.T.: -0.002 min
Response: 2136432
Conc: 19.64 ug/ml

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20 PPM ALIPHATIC HC STD



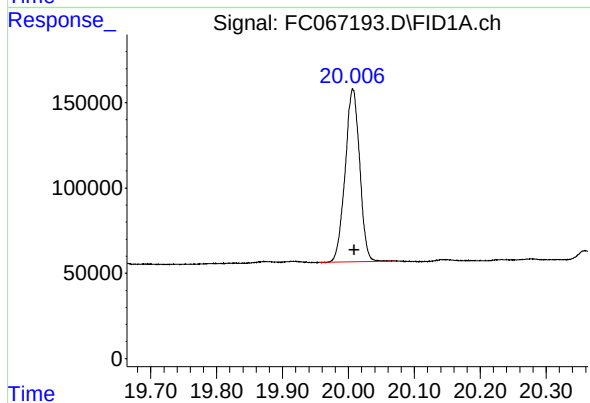
#18 n-Dotriacontane (C32)

R.T.: 18.484 min
Delta R.T.: -0.005 min
Response: 2103386
Conc: 20.17 ug/ml



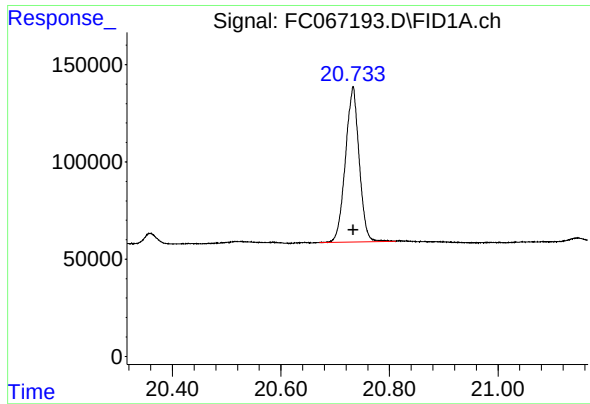
#19 n-Tetatriacontane (C34)

R.T.: 19.266 min
Delta R.T.: -0.004 min
Response: 1858388
Conc: 20.14 ug/ml



#20 n-Hexatriacontane (C36)

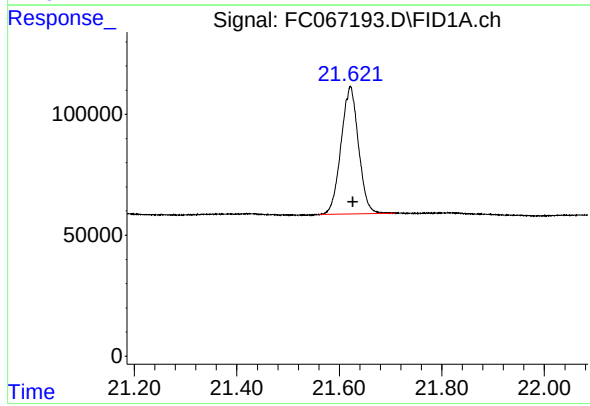
R.T.: 20.007 min
Delta R.T.: -0.002 min
Response: 1548920
Conc: 19.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.733 min
Delta R.T.: 0.000 min
Response: 1401290
Conc: 18.66 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.622 min
Delta R.T.: -0.005 min
Response: 1249112
Conc: 17.88 ug/ml