

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022322AL\
 Data File : FC058430.D
 Signal(s) : FID1A.CH
 Acq On : 23 Feb 2022 19:32
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Feb 24 08:48:07 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:15:11 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.390	2893354	19.865 ug/ml
Spiked Amount 50.000		Recovery =	39.73%
12) S 1-chlorooctadecane (S...	12.824	2239461	19.757 ug/ml
Spiked Amount 50.000		Recovery =	39.51%
Target Compounds			
1) T n-Nonane (C9)	3.248	2383465	19.820 ug/ml
2) T n-Decane (C10)	4.296	2361962	19.849 ug/ml
3) T A~Naphthalene (C11.7)	5.856	2596959	20.010 ug/ml
4) T n-Dodecane (C12)	6.291	2428081	19.738 ug/ml
5) T A~2-methylnaphthalene...	6.900	2623611	20.124 ug/ml
6) T n-Tetradecane (C14)	8.068	2499288	19.945 ug/ml
7) T n-Hexadecane (C16)	9.655	2562223	19.896 ug/ml
8) T n-Octadecane (C18)	11.085	2614585	19.869 ug/ml
10) T n-Eicosane (C20)	12.386	2597802	19.756 ug/ml
11) T n-Heneicosane (C21)	12.993	2596333	19.646 ug/ml
13) T n-Docosane (C22)	13.576	2578207	19.776 ug/ml
14) T n-Tetracosane (C24)	14.673	2529611	19.589 ug/ml
15) T n-Hexacosane (C26)	15.688	2439661	19.722 ug/ml
16) T n-Octacosane (C28)	16.631	2364653	19.865 ug/ml
17) T n-Tricontane (C30)	17.514	2238184	19.884 ug/ml
18) T n-Dotriacontane (C32)	18.344	2079297	19.337 ug/ml
19) T n-Tetratriacontane (C34)	19.123	1928903	19.908 ug/ml
20) T n-Hexatriacontane (C36)	19.859	1789902	19.840 ug/ml
21) T n-Octatriacontane (C38)	20.564	1728693	19.865 ug/ml
22) T n-Tetracontane (C40)	21.389	1707701	20.350 ug/ml

(f)=RT Delta > 1/2 Window

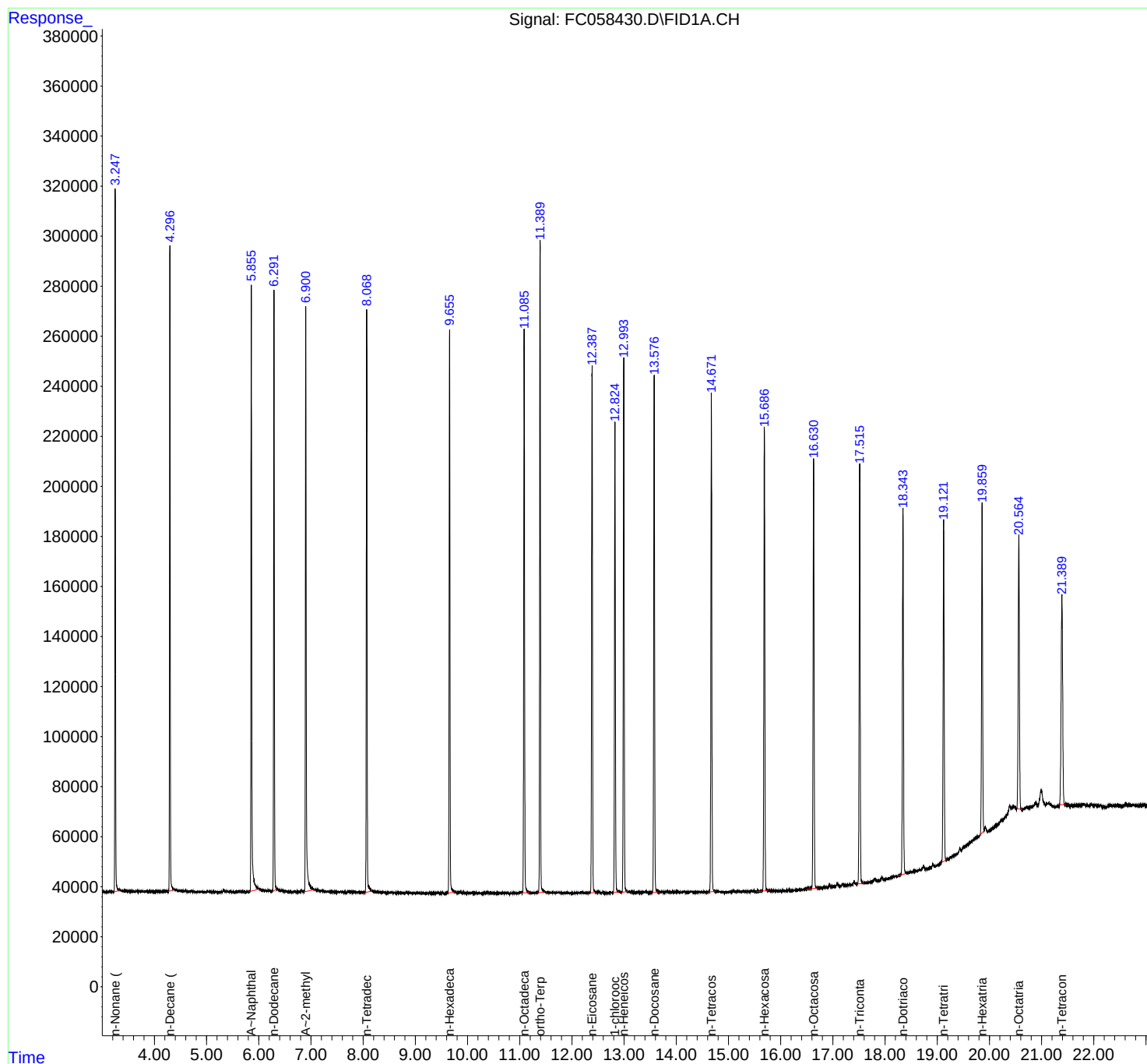
(m)=manual int.

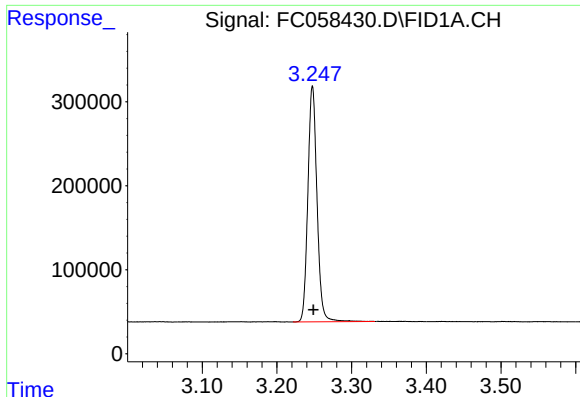
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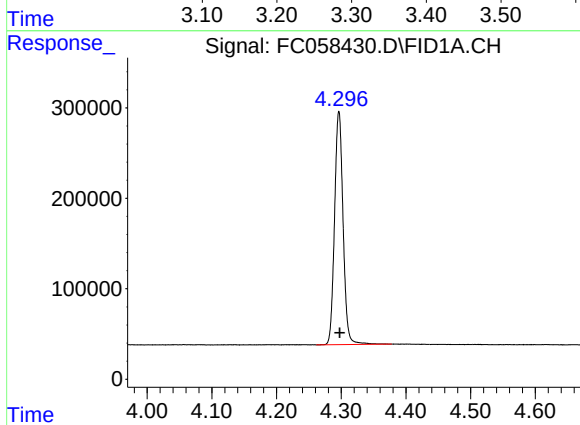




#1 n-Nonane (C9)

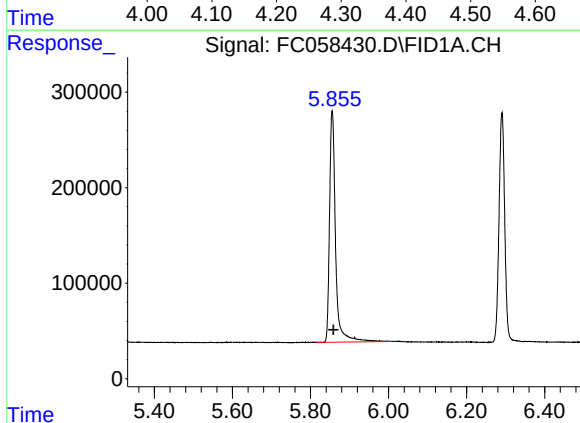
R.T.: 3.248 min
Delta R.T.: -0.001 min
Response: 2383465
Conc: 19.82 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD ICV



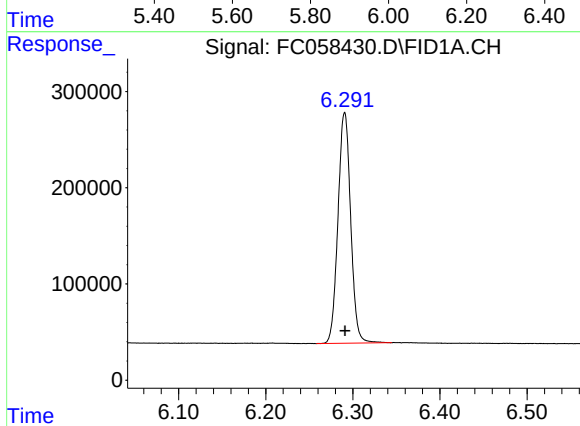
#2 n-Decane (C10)

R.T.: 4.296 min
Delta R.T.: -0.001 min
Response: 2361962
Conc: 19.85 ug/ml



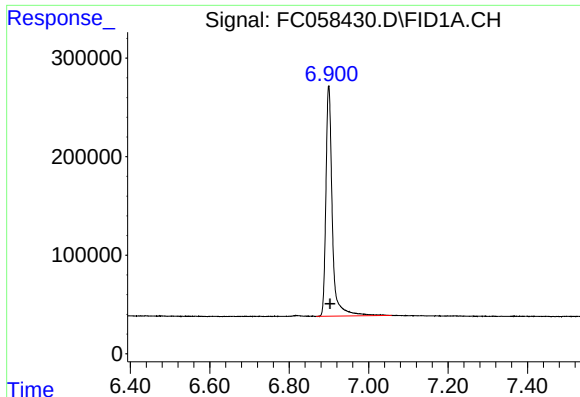
#3 A~Naphthalene (C11.7)

R.T.: 5.856 min
Delta R.T.: -0.003 min
Response: 2596959
Conc: 20.01 ug/ml



#4 n-Dodecane (C12)

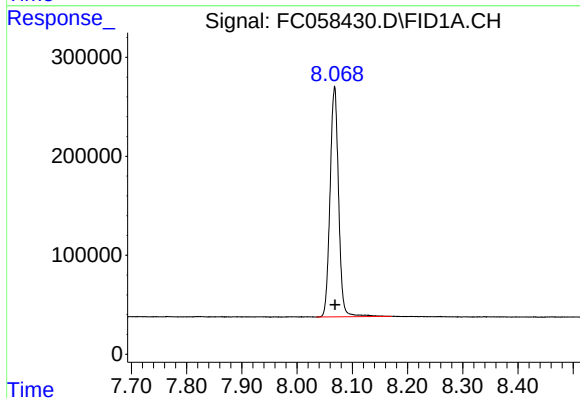
R.T.: 6.291 min
Delta R.T.: 0.000 min
Response: 2428081
Conc: 19.74 ug/ml



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

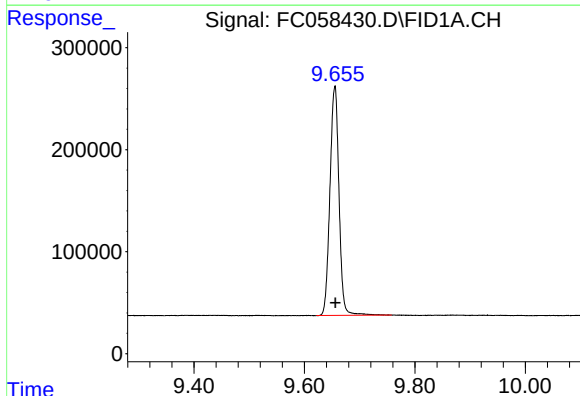
R.T.: 6.900 min
Delta R.T.: -0.003 min
Response: 2623611
Conc: 20.12 ug/ml

Instrument :
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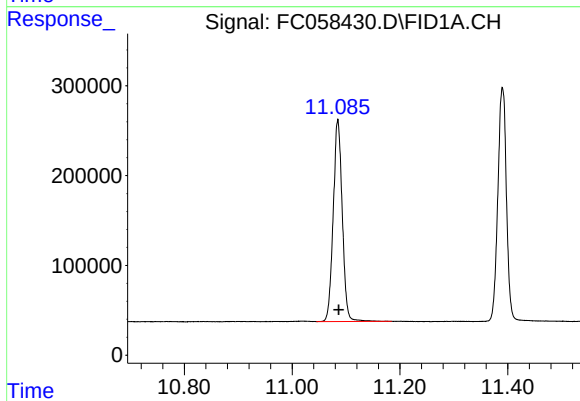
#6 n-Tetradecane (C14)

R.T.: 8.068 min
Delta R.T.: 0.000 min
Response: 2499288
Conc: 19.95 ug/ml



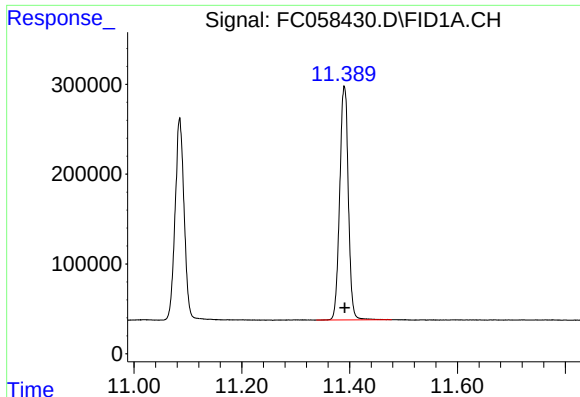
#7 n-Hexadecane (C16)

R.T.: 9.655 min
Delta R.T.: -0.001 min
Response: 2562223
Conc: 19.90 ug/ml



#8 n-Octadecane (C18)

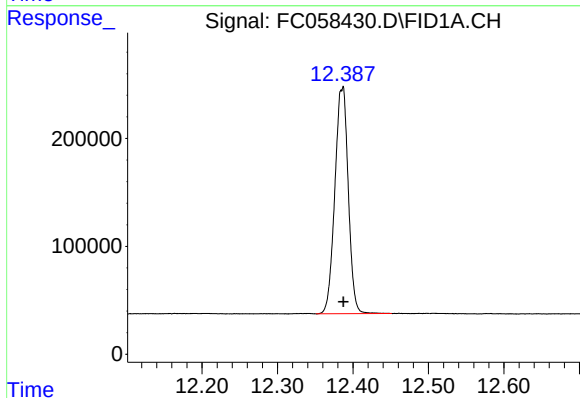
R.T.: 11.085 min
Delta R.T.: -0.002 min
Response: 2614585
Conc: 19.87 ug/ml



#9 ortho-Terphenyl (SURR)

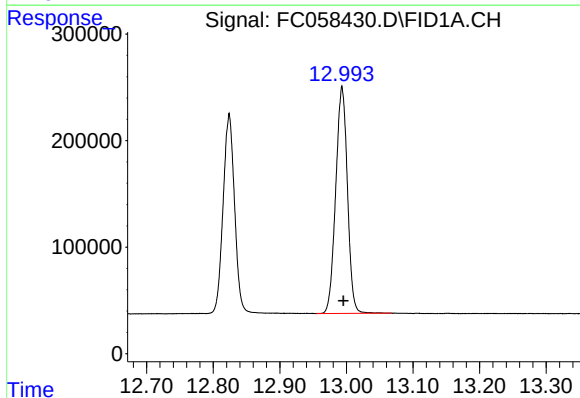
R.T.: 11.390 min
Delta R.T.: 0.000 min
Response: 2893354
Conc: 19.86 ug/ml

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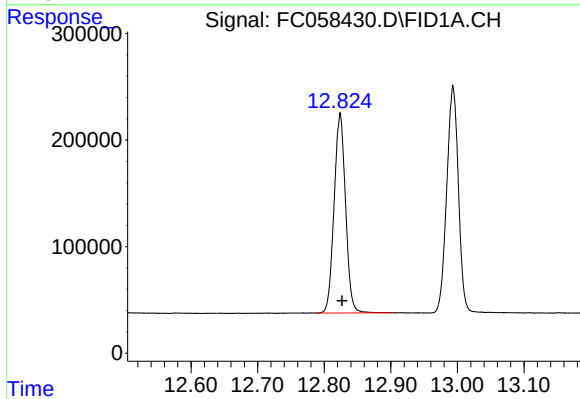
#10 n-Eicosane (C20)

R.T.: 12.386 min
Delta R.T.: -0.002 min
Response: 2597802
Conc: 19.76 ug/ml



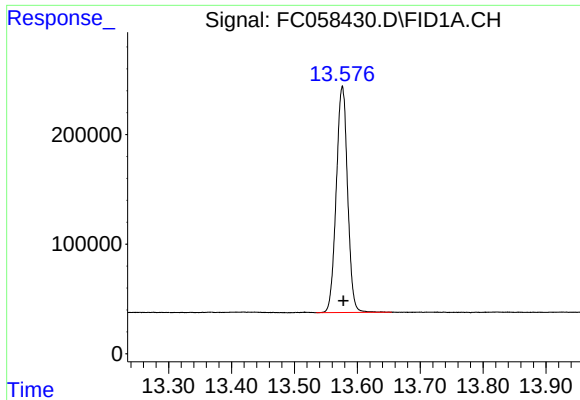
#11 n-Heneicosane (C21)

R.T.: 12.993 min
Delta R.T.: -0.002 min
Response: 2596333
Conc: 19.65 ug/ml



#12 1-chlorooctadecane (SURR)

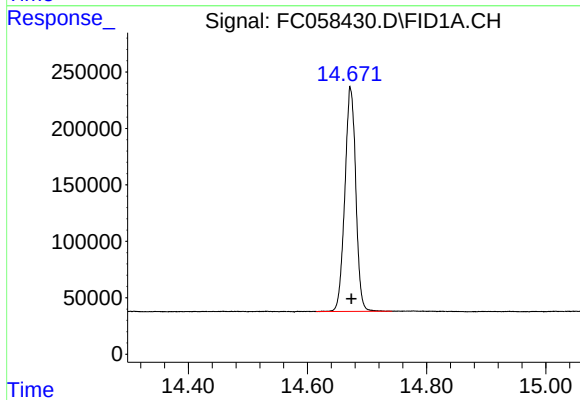
R.T.: 12.824 min
Delta R.T.: -0.003 min
Response: 2239461
Conc: 19.76 ug/ml



#13 n-Docosane (C22)

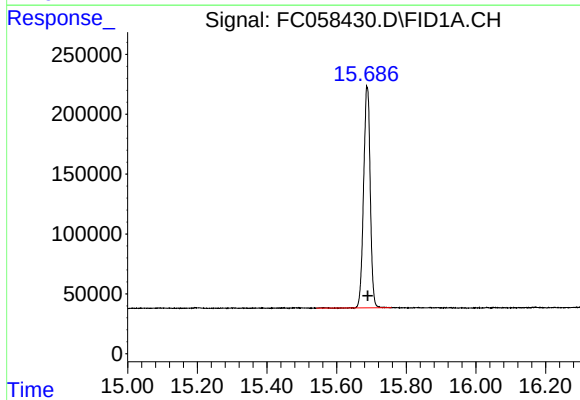
R.T.: 13.576 min
Delta R.T.: -0.002 min
Response: 2578207
Conc: 19.78 ug/ml

Instrument :
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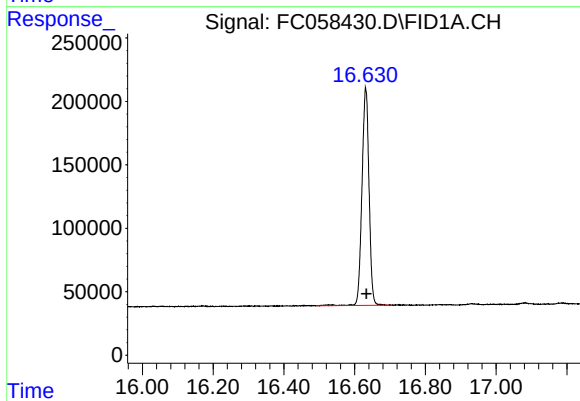
#14 n-Tetracosane (C24)

R.T.: 14.673 min
Delta R.T.: -0.001 min
Response: 2529611
Conc: 19.59 ug/ml



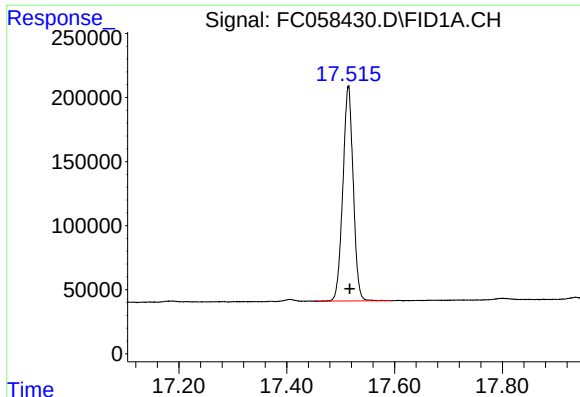
#15 n-Hexacosane (C26)

R.T.: 15.688 min
Delta R.T.: -0.002 min
Response: 2439661
Conc: 19.72 ug/ml



#16 n-Octacosane (C28)

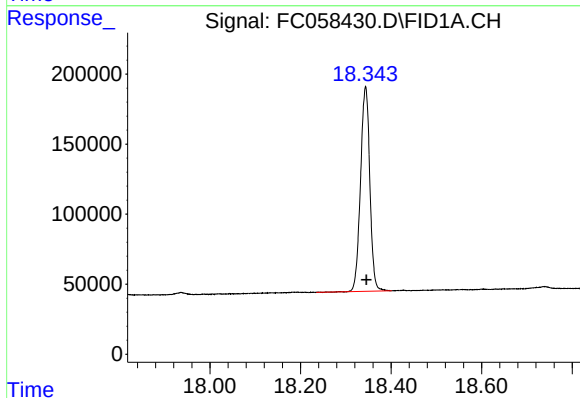
R.T.: 16.631 min
Delta R.T.: -0.002 min
Response: 2364653
Conc: 19.87 ug/ml



#17 n-Tricontane (C30)

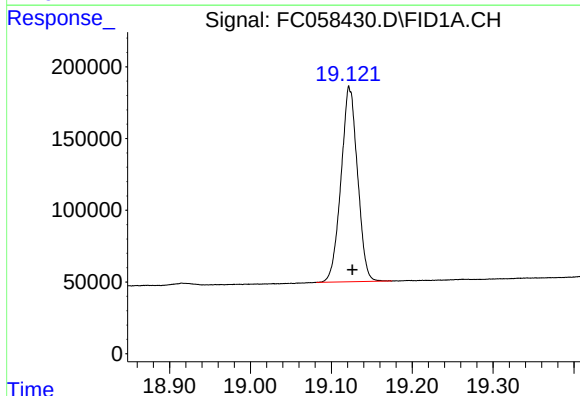
R.T.: 17.514 min
Delta R.T.: -0.003 min
Response: 2238184
Conc: 19.88 ug/ml

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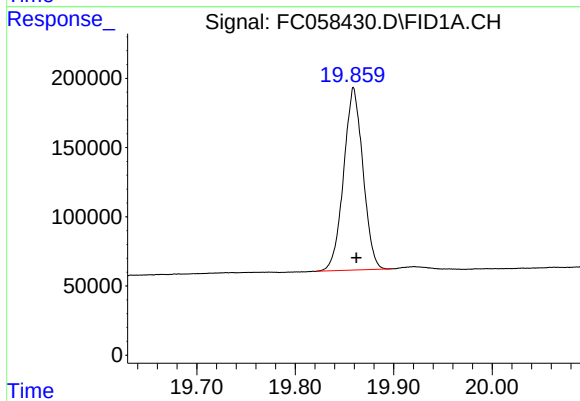
#18 n-Dotriacontane (C32)

R.T.: 18.344 min
Delta R.T.: -0.002 min
Response: 2079297
Conc: 19.34 ug/ml



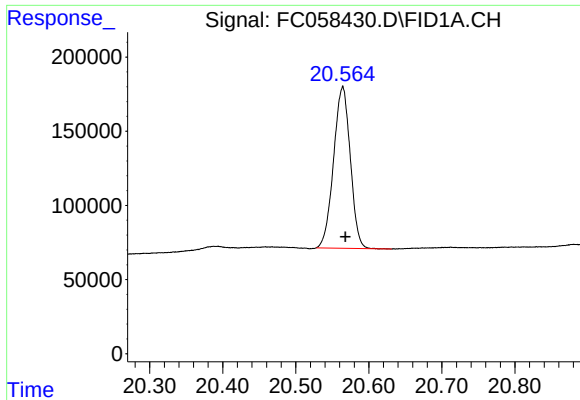
#19 n-Tetratriacontane (C34)

R.T.: 19.123 min
Delta R.T.: -0.003 min
Response: 1928903
Conc: 19.91 ug/ml



#20 n-Hexatriacontane (C36)

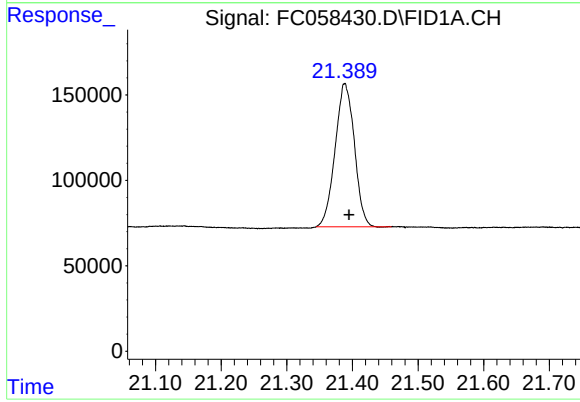
R.T.: 19.859 min
Delta R.T.: -0.003 min
Response: 1789902
Conc: 19.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.564 min
Delta R.T.: -0.004 min
Response: 1728693
Conc: 19.86 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.389 min
Delta R.T.: -0.006 min
Response: 1707701
Conc: 20.35 ug/ml