

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031722AL\
 Data File : FC058821.D
 Signal(s) : FID1A.CH
 Acq On : 18 Mar 2022 5:03
 Operator : UA/NP
 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: Mar 18 05:25:44 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)	11.395	2937290	20.166 ug/ml
Spiked Amount 50.000		Recovery =	40.33%
12) S 1-chlorooctadecane (S...	12.824	2245721	19.812 ug/ml
Spiked Amount 50.000		Recovery =	39.62%
Target Compounds			
1) T n-Nonane (C9)	3.250	2482464	20.644 ug/ml
2) T n-Decane (C10)	4.300	2484491	20.878 ug/ml
3) T A~Naphthalene (C11.7)	5.866	2522529	19.436 ug/ml
4) T n-Dodecane (C12)	6.294	2601630	21.148 ug/ml
5) T A~2-methylnaphthalene...	6.911	2487276	19.078 ug/ml
6) T n-Tetradecane (C14)	8.069	2651236	21.158 ug/ml
7) T n-Hexadecane (C16)	9.656	2693148	20.913 ug/ml
8) T n-Octadecane (C18)	11.086	2740791	20.828 ug/ml
10) T n-Eicosane (C20)	12.385	2687300	20.436 ug/ml
11) T n-Heneicosane (C21)	12.991	2691400	20.365 ug/ml
13) T n-Docosane (C22)	13.574	2638649	20.240 ug/ml
14) T n-Tetracosane (C24)	14.669	2588621	20.046 ug/ml
15) T n-Hexacosane (C26)	15.683	2497606	20.191 ug/ml
16) T n-Octacosane (C28)	16.628	2476853	20.808 ug/ml
17) T n-Tricontane (C30)	17.510	2479854	22.031 ug/ml
18) T n-Dotriacontane (C32)	18.337	2384115	22.171 ug/ml
19) T n-Tetratriacontane (C34)	19.117	2238321	23.102 ug/ml
20) T n-Hexatriacontane (C36)	19.853	2091659	23.185 ug/ml
21) T n-Octatriacontane (C38)	20.556	2019482	23.206 ug/ml
22) T n-Tetracontane (C40)	21.378	2005548	23.899 ug/ml

(f)=RT Delta > 1/2 Window

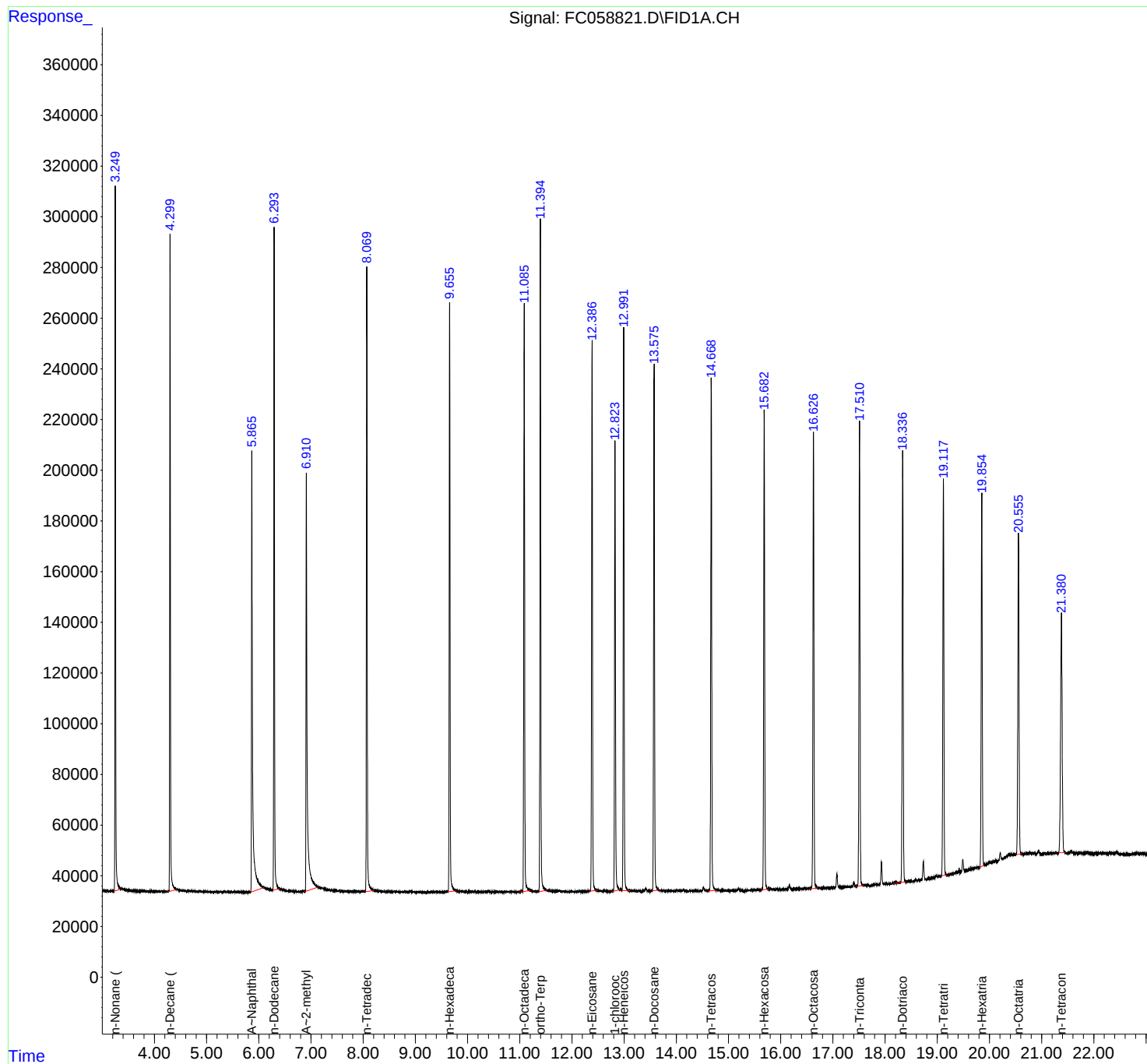
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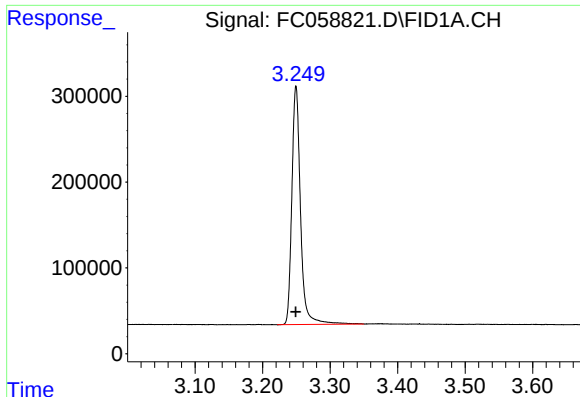
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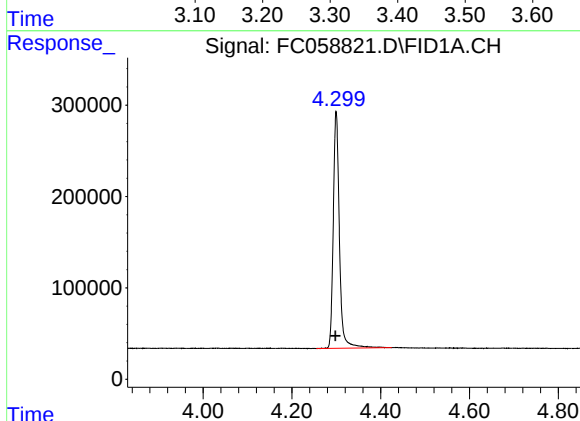




#1 n-Nonane (C9)

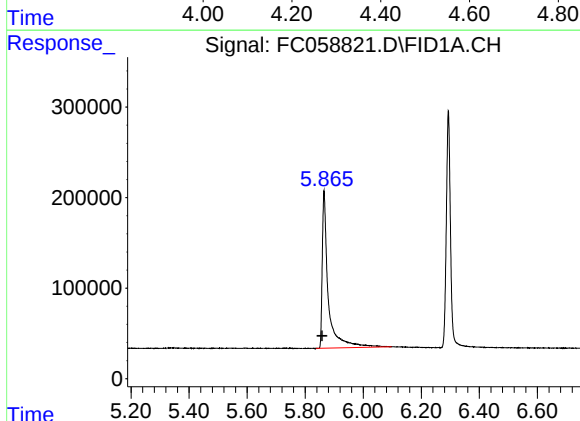
R.T.: 3.250 min
Delta R.T.: 0.000 min
Response: 2482464
Conc: 20.64 ug/ml

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20 PPM ALIPHATIC HC STD



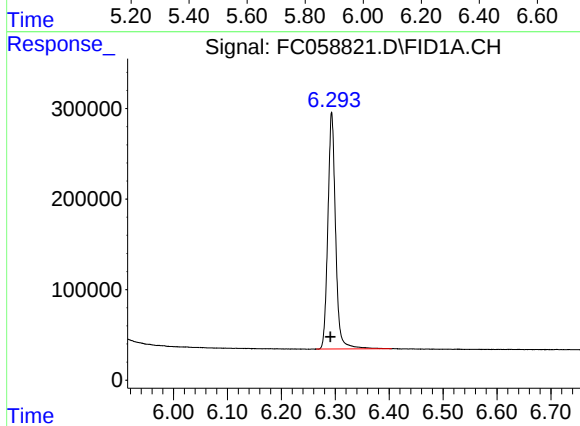
#2 n-Decane (C10)

R.T.: 4.300 min
Delta R.T.: 0.002 min
Response: 2484491
Conc: 20.88 ug/ml



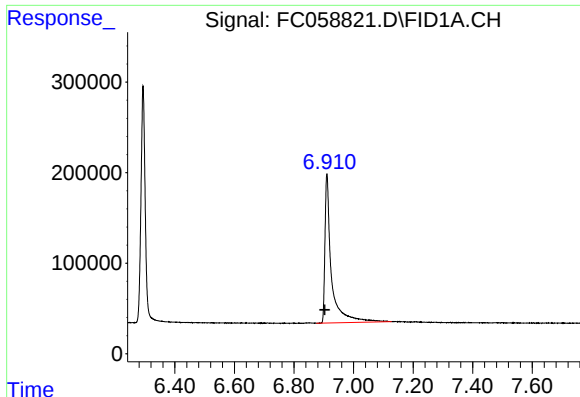
#3 A~Naphthalene (C11.7)

R.T.: 5.866 min
Delta R.T.: 0.007 min
Response: 2522529
Conc: 19.44 ug/ml



#4 n-Dodecane (C12)

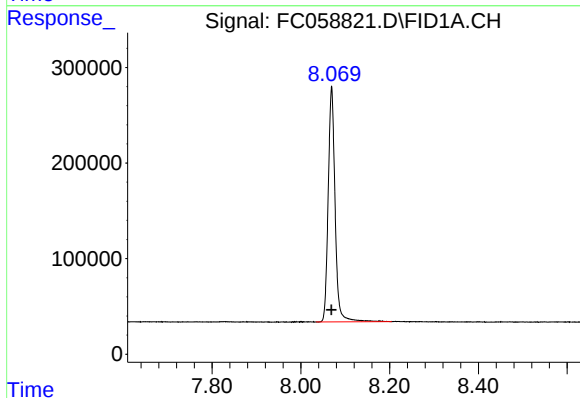
R.T.: 6.294 min
Delta R.T.: 0.002 min
Response: 2601630
Conc: 21.15 ug/ml



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

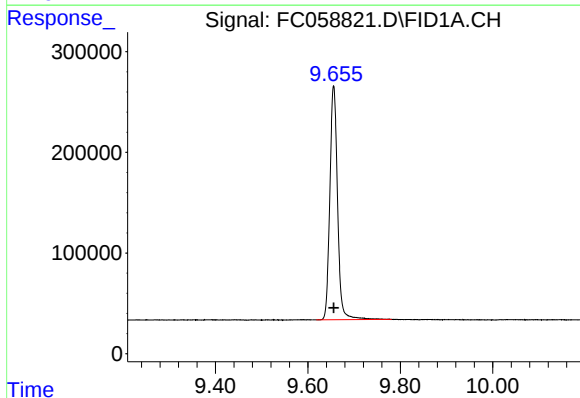
R.T.: 6.911 min
Delta R.T.: 0.008 min
Response: 2487276
Conc: 19.08 ug/ml

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20 PPM ALIPHATIC HC STD



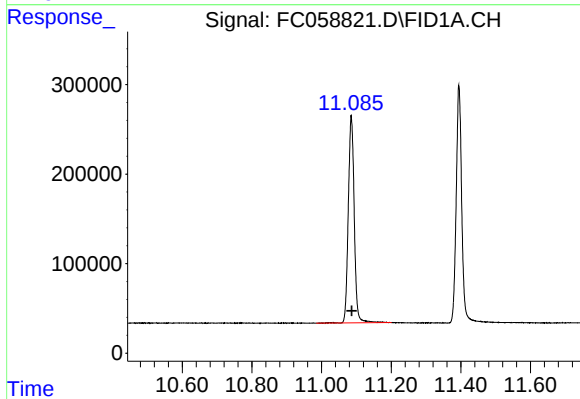
#6 n-Tetradecane (C14)

R.T.: 8.069 min
Delta R.T.: 0.000 min
Response: 2651236
Conc: 21.16 ug/ml



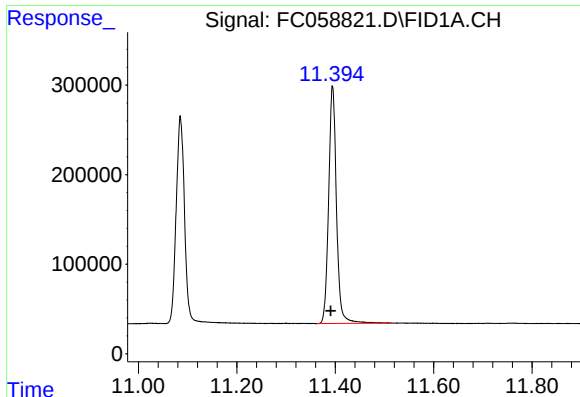
#7 n-Hexadecane (C16)

R.T.: 9.656 min
Delta R.T.: 0.000 min
Response: 2693148
Conc: 20.91 ug/ml



#8 n-Octadecane (C18)

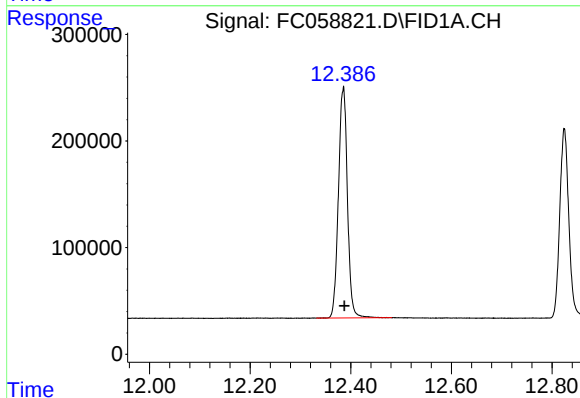
R.T.: 11.086 min
Delta R.T.: -0.001 min
Response: 2740791
Conc: 20.83 ug/ml



#9 ortho-Terphenyl (SURRE)

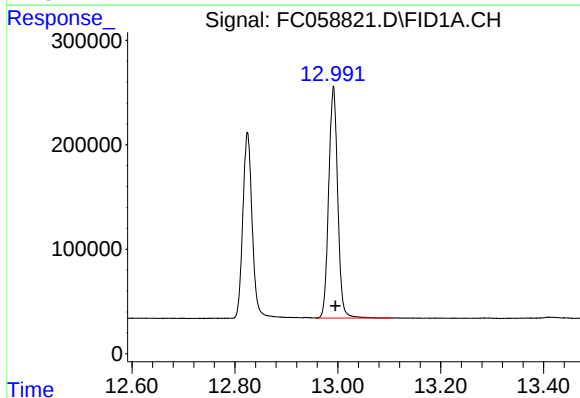
R.T.: 11.395 min
Delta R.T.: 0.004 min
Response: 2937290
Conc: 20.17 ug/ml

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FID_C
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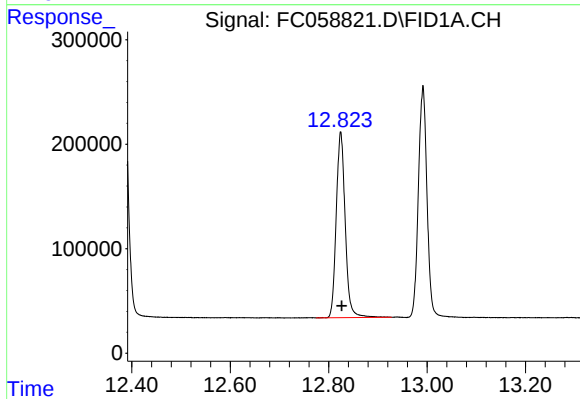
#10 n-Eicosane (C20)

R.T.: 12.385 min
Delta R.T.: -0.003 min
Response: 2687300
Conc: 20.44 ug/ml



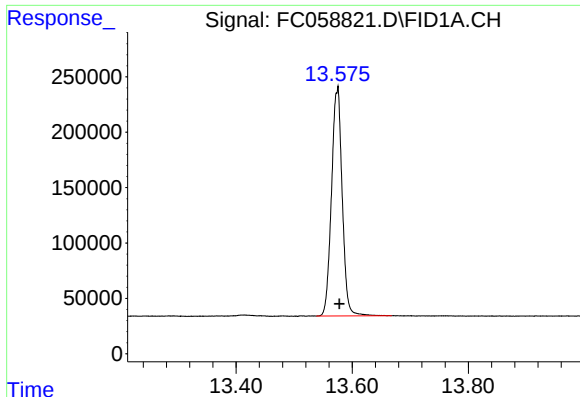
#11 n-Heneicosane (C21)

R.T.: 12.991 min
Delta R.T.: -0.004 min
Response: 2691400
Conc: 20.36 ug/ml



#12 1-chlorooctadecane (SURRE)

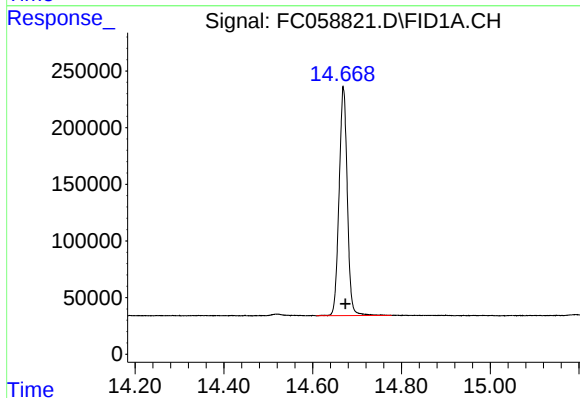
R.T.: 12.824 min
Delta R.T.: -0.003 min
Response: 2245721
Conc: 19.81 ug/ml



#13 n-Docosane (C22)

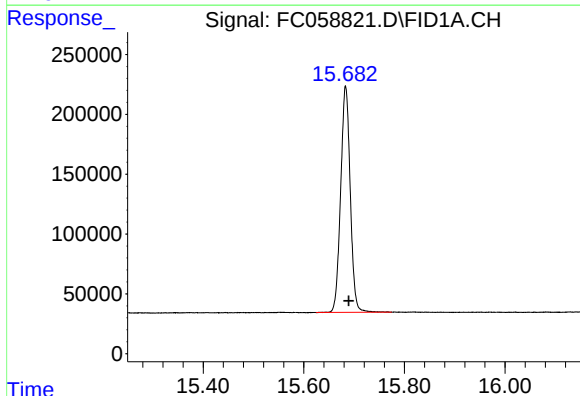
R.T.: 13.574 min
Delta R.T.: -0.004 min
Response: 2638649
Conc: 20.24 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



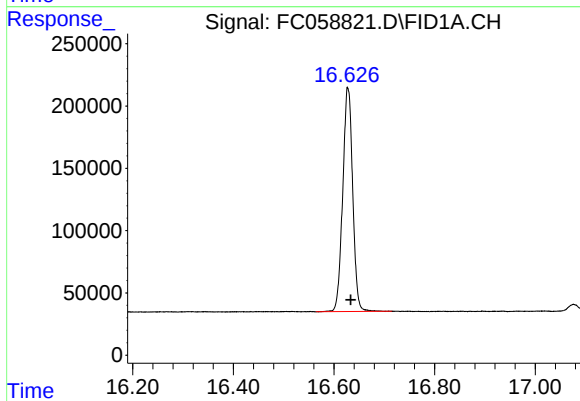
#14 n-Tetracosane (C24)

R.T.: 14.669 min
Delta R.T.: -0.005 min
Response: 2588621
Conc: 20.05 ug/ml



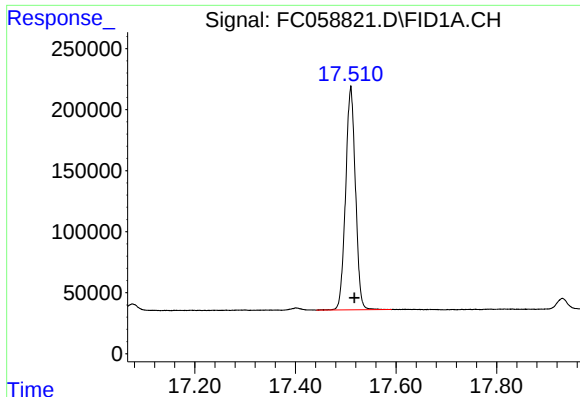
#15 n-Hexacosane (C26)

R.T.: 15.683 min
Delta R.T.: -0.006 min
Response: 2497606
Conc: 20.19 ug/ml



#16 n-Octacosane (C28)

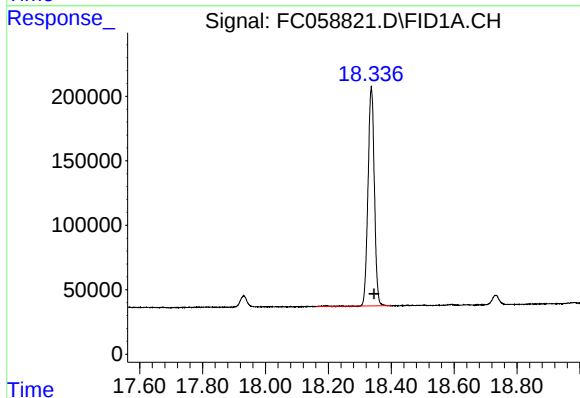
R.T.: 16.628 min
Delta R.T.: -0.005 min
Response: 2476853
Conc: 20.81 ug/ml



#17 n-Tricontane (C30)

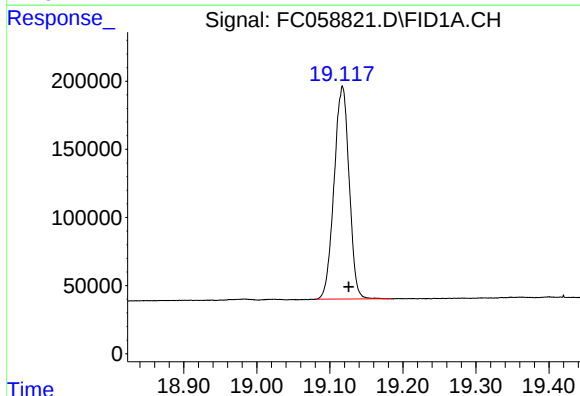
R.T.: 17.510 min
Delta R.T.: -0.007 min
Response: 2479854
Conc: 22.03 ug/ml

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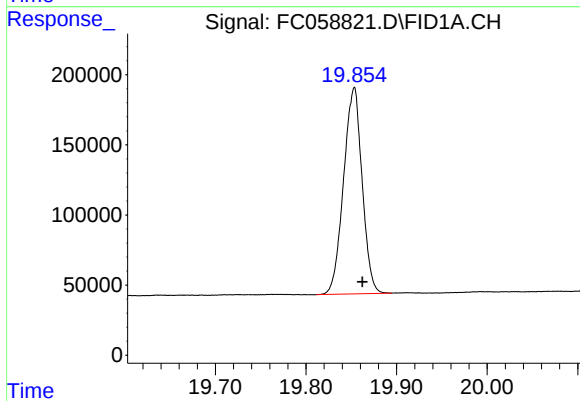
#18 n-Dotriacontane (C32)

R.T.: 18.337 min
Delta R.T.: -0.009 min
Response: 2384115
Conc: 22.17 ug/ml



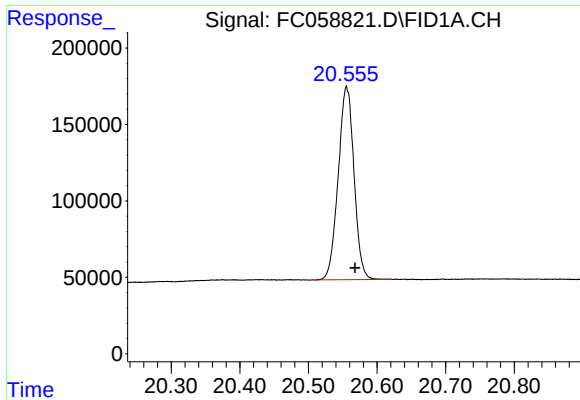
#19 n-Tetratriacontane (C34)

R.T.: 19.117 min
Delta R.T.: -0.009 min
Response: 2238321
Conc: 23.10 ug/ml



#20 n-Hexatriacontane (C36)

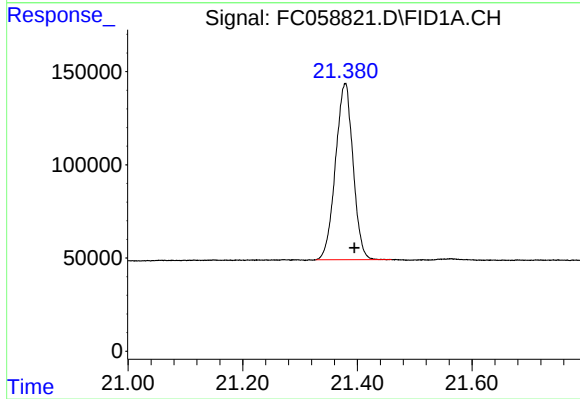
R.T.: 19.853 min
Delta R.T.: -0.009 min
Response: 2091659
Conc: 23.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.556 min
Delta R.T.: -0.012 min
Response: 2019482
Conc: 23.21 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.378 min
Delta R.T.: -0.016 min
Response: 2005548
Conc: 23.90 ug/ml