

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032621AL\
 Data File : FC052808.D
 Signal(s) : FID1A.CH
 Acq On : 28 Mar 2021 00:42
 Operator : DD\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: Mar 29 08:53:42 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 031721.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 17 03:47:28 2021
 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)	11.562	2762418	20.609 ug/ml
Spiked Amount 50.000		Recovery =	41.22%
12) S 1-chlorooctadecane (S...	12.999	2155512	19.985 ug/ml
Spiked Amount 50.000		Recovery =	39.97%
Target Compounds			
1) T n-Nonane (C9)	3.320	2673495	23.018 ug/ml
2) T n-Decane (C10)	4.387	2743046	23.408 ug/ml
3) T A~Naphthalene (C11.7)	5.973	3017709	23.049 ug/ml
4) T n-Dodecane (C12)	6.406	2800119	23.322 ug/ml
5) T A~2-methylnaphthalene...	7.030	3084715	23.045 ug/ml
6) T n-Tetradecane (C14)	8.203	2778302	22.971 ug/ml
7) T n-Hexadecane (C16)	9.804	2690411	22.370 ug/ml
8) T n-Octadecane (C18)	11.246	2716570	21.531 ug/ml
10) T n-Eicosane (C20)	12.556	2619338	20.513 ug/ml
11) T n-Heneicosane (C21)	13.166	2545243	20.024 ug/ml
13) T n-Docosane (C22)	13.754	2484939	19.616 ug/ml
14) T n-Tetracosane (C24)	14.856	2369455	18.968 ug/ml
15) T n-Hexacosane (C26)	15.876	2265610	18.815 ug/ml
16) T n-Octacosane (C28)	16.826	2204064	19.117 ug/ml
17) T n-Tricontane (C30)	17.713	2191312	20.113 ug/ml
18) T n-Dotriacontane (C32)	18.546	2168747	21.614 ug/ml
19) T n-Tetratriacontane (C34)	19.327	2138866	23.269 ug/ml
20) T n-Hexatriacontane (C36)	20.067	2100029	23.030 ug/ml
21) T n-Octatriacontane (C38)	20.800	2031479	24.891 ug/ml
22) T n-Tetracontane (C40)	21.706	2109872	24.494 ug/ml

(f)=RT Delta > 1/2 Window

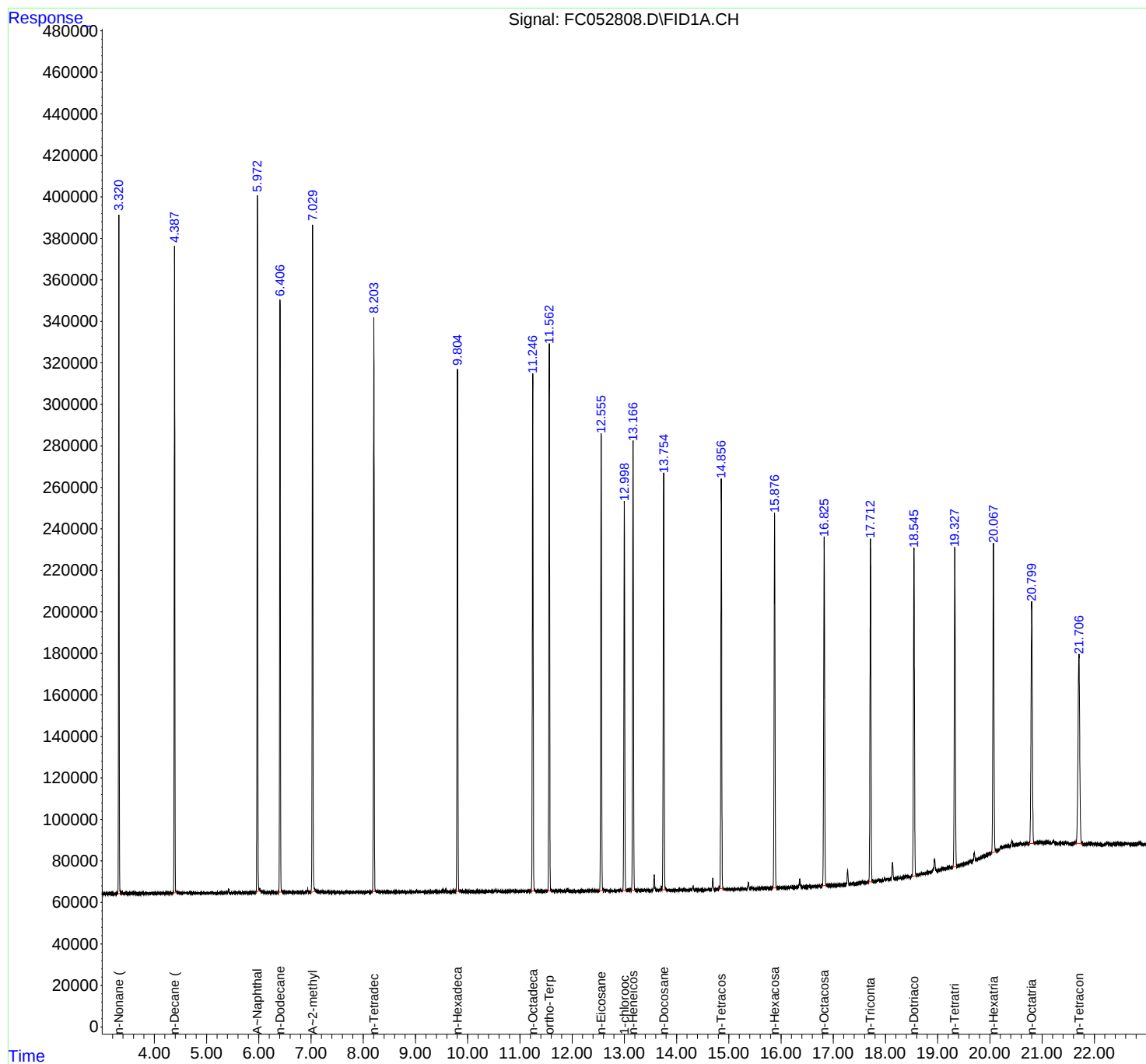
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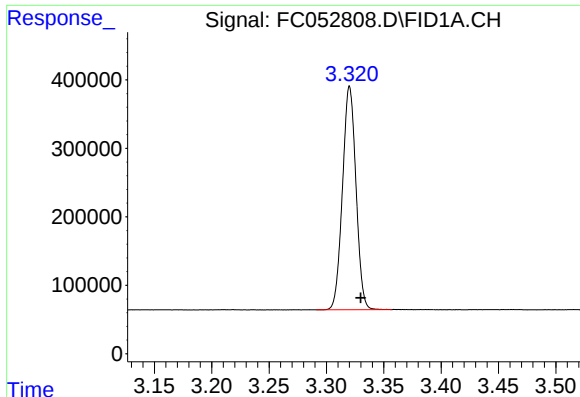
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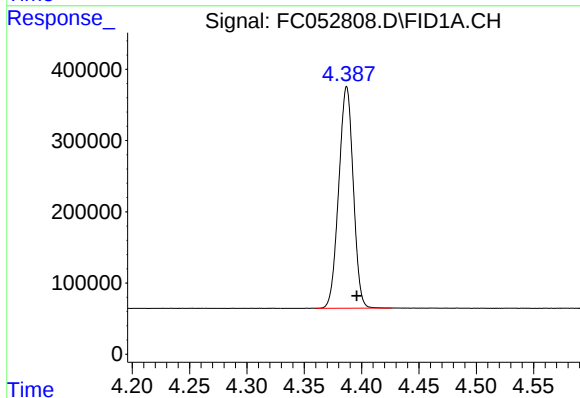




#1 n-Nonane (C9)

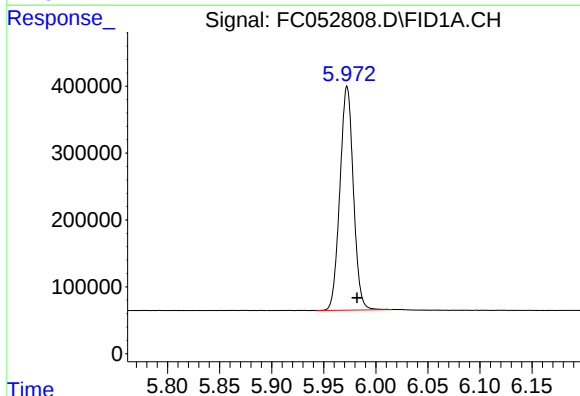
R.T.: 3.320 min
Delta R.T.: -0.010 min
Response: 2673495
Conc: 23.02 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



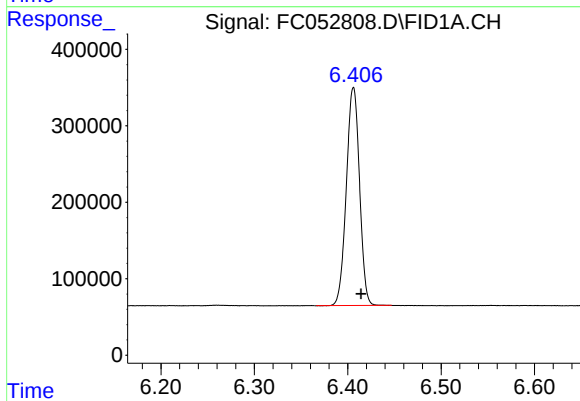
#2 n-Decane (C10)

R.T.: 4.387 min
Delta R.T.: -0.009 min
Response: 2743046
Conc: 23.41 ug/ml



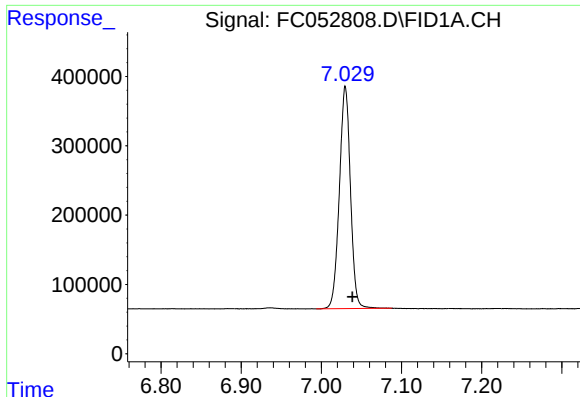
#3 A~Naphthalene (C11.7)

R.T.: 5.973 min
Delta R.T.: -0.010 min
Response: 3017709
Conc: 23.05 ug/ml



#4 n-Dodecane (C12)

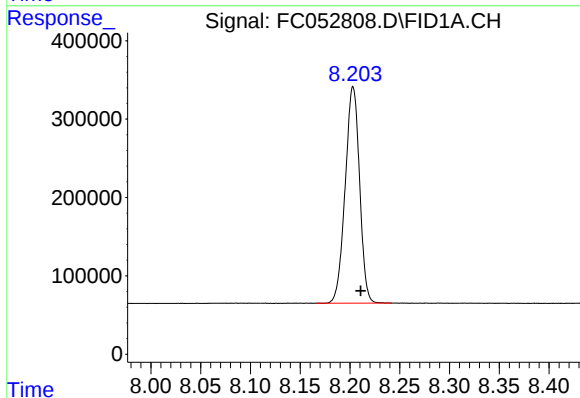
R.T.: 6.406 min
Delta R.T.: -0.008 min
Response: 2800119
Conc: 23.32 ug/ml



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

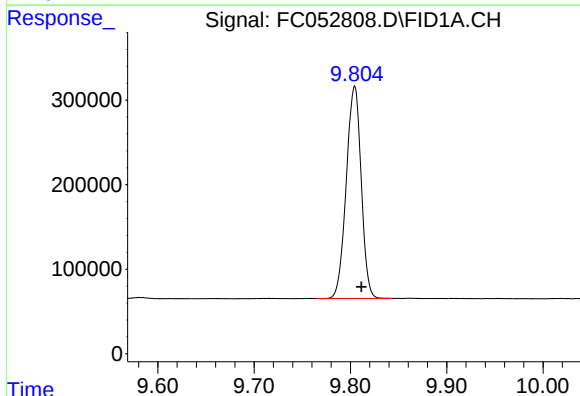
R.T.: 7.030 min
Delta R.T.: -0.009 min
Response: 3084715
Conc: 23.04 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



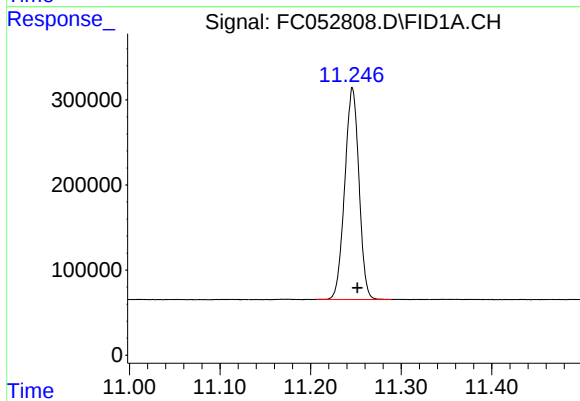
#6 n-Tetradecane (C14)

R.T.: 8.203 min
Delta R.T.: -0.007 min
Response: 2778302
Conc: 22.97 ug/ml



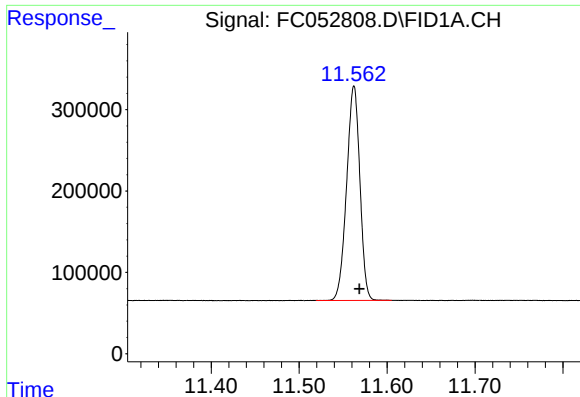
#7 n-Hexadecane (C16)

R.T.: 9.804 min
Delta R.T.: -0.007 min
Response: 2690411
Conc: 22.37 ug/ml



#8 n-Octadecane (C18)

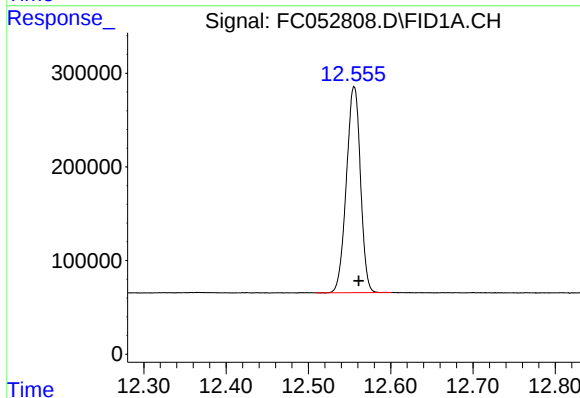
R.T.: 11.246 min
Delta R.T.: -0.006 min
Response: 2716570
Conc: 21.53 ug/ml



#9 ortho-Terphenyl (SURR)

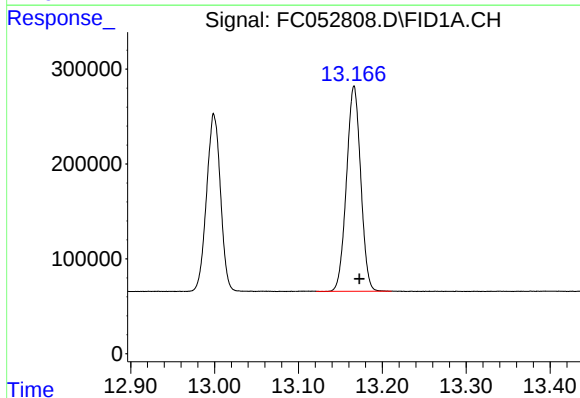
R.T.: 11.562 min
Delta R.T.: -0.006 min
Response: 2762418
Conc: 20.61 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



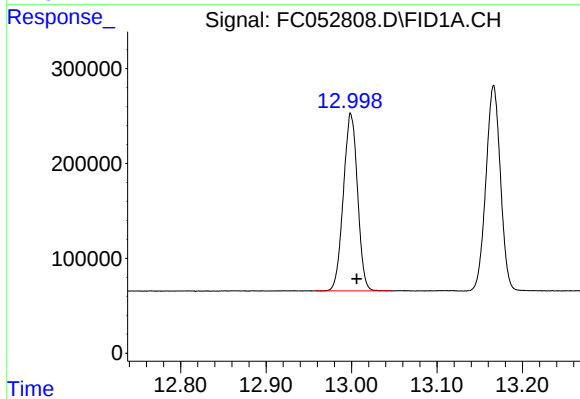
#10 n-Eicosane (C20)

R.T.: 12.556 min
Delta R.T.: -0.005 min
Response: 2619338
Conc: 20.51 ug/ml



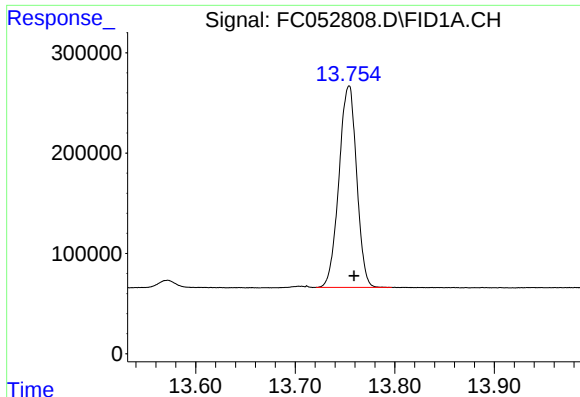
#11 n-Heneicosane (C21)

R.T.: 13.166 min
Delta R.T.: -0.006 min
Response: 2545243
Conc: 20.02 ug/ml



#12 1-chlorooctadecane (SURR)

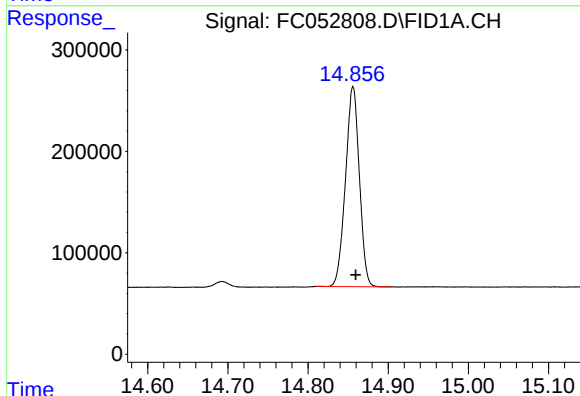
R.T.: 12.999 min
Delta R.T.: -0.007 min
Response: 2155512
Conc: 19.98 ug/ml



#13 n-Docosane (C22)

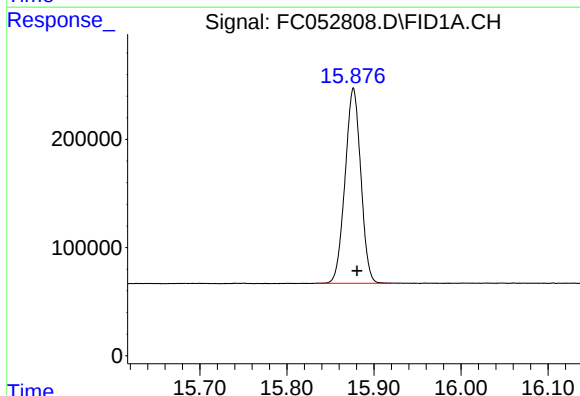
R.T.: 13.754 min
Delta R.T.: -0.005 min
Response: 2484939
Conc: 19.62 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



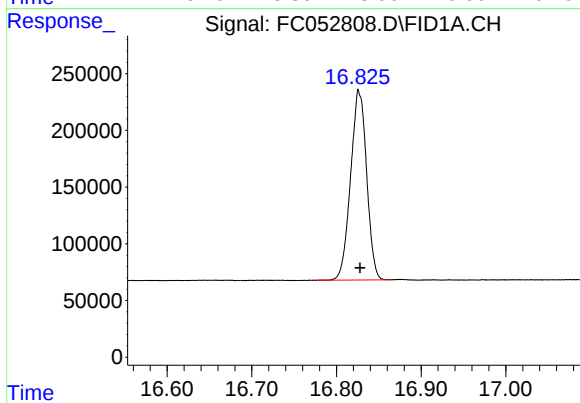
#14 n-Tetracosane (C24)

R.T.: 14.856 min
Delta R.T.: -0.003 min
Response: 2369455
Conc: 18.97 ug/ml



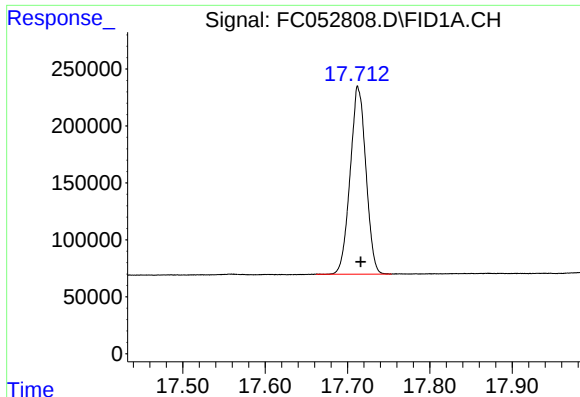
#15 n-Hexacosane (C26)

R.T.: 15.876 min
Delta R.T.: -0.004 min
Response: 2265610
Conc: 18.82 ug/ml



#16 n-Octacosane (C28)

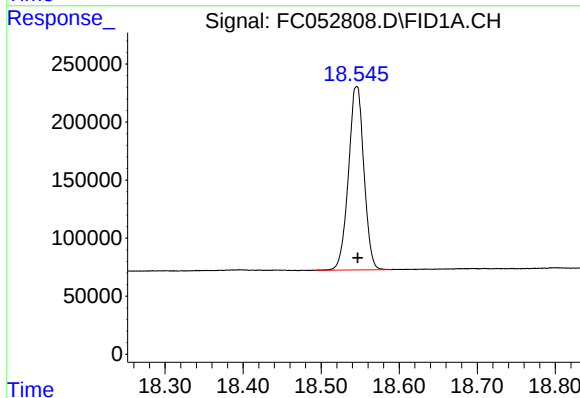
R.T.: 16.826 min
Delta R.T.: -0.001 min
Response: 2204064
Conc: 19.12 ug/ml



#17 n-Tricontane (C30)

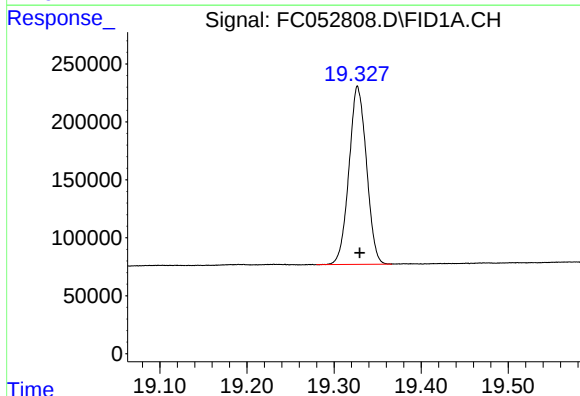
R.T.: 17.713 min
Delta R.T.: -0.003 min
Response: 2191312
Conc: 20.11 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



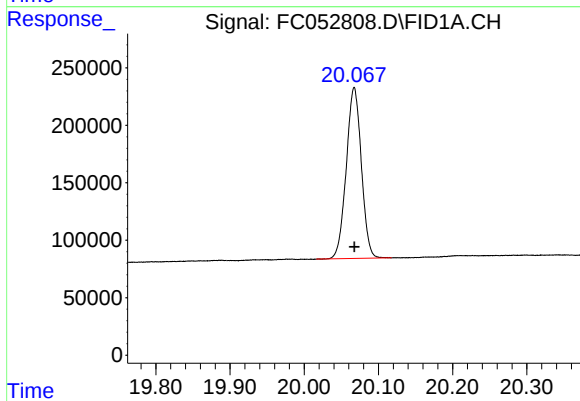
#18 n-Dotriacontane (C32)

R.T.: 18.546 min
Delta R.T.: -0.002 min
Response: 2168747
Conc: 21.61 ug/ml



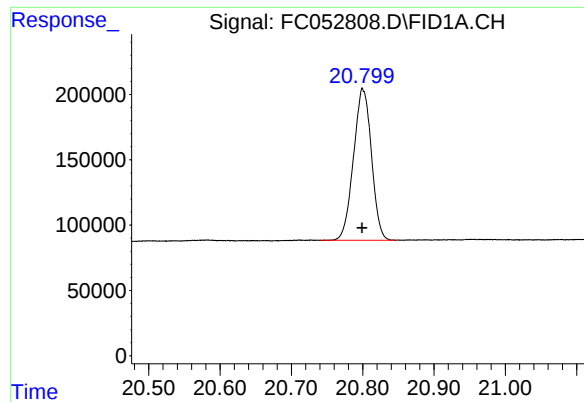
#19 n-Tetratriacontane (C34)

R.T.: 19.327 min
Delta R.T.: -0.002 min
Response: 2138866
Conc: 23.27 ug/ml



#20 n-Hexatriacontane (C36)

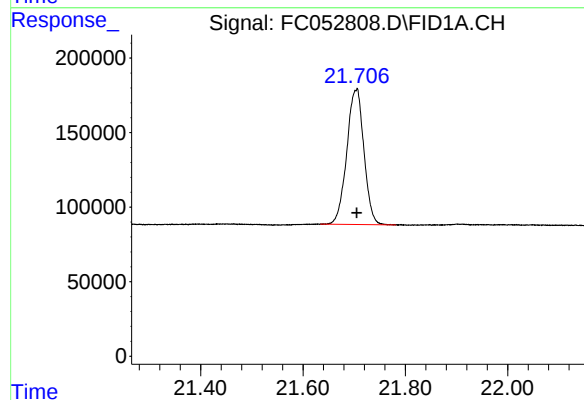
R.T.: 20.067 min
Delta R.T.: 0.000 min
Response: 2100029
Conc: 23.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.800 min
Delta R.T.: 0.000 min
Response: 2031479
Conc: 24.89 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.706 min
Delta R.T.: 0.000 min
Response: 2109872
Conc: 24.49 ug/ml