

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031522AL\
 Data File : FC058781.D
 Signal(s) : FID1A.CH
 Acq On : 16 Mar 2022 17:06
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 16 17:30:59 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)	11.393	2816891	19.340 ug/ml
Spiked Amount 50.000		Recovery =	38.68%
12) S 1-chlorooctadecane (S...	12.823	2158875	19.046 ug/ml
Spiked Amount 50.000		Recovery =	38.09%
Target Compounds			
1) T n-Nonane (C9)	3.254	2543911	21.155 ug/ml
2) T n-Decane (C10)	4.303	2540939	21.353 ug/ml
3) T A~Naphthalene (C11.7)	5.866	2601357	20.044 ug/ml
4) T n-Dodecane (C12)	6.295	2636468	21.432 ug/ml
5) T A~2-methylnaphthalene...	6.911	2539382	19.478 ug/ml
6) T n-Tetradecane (C14)	8.071	2629493	20.984 ug/ml
7) T n-Hexadecane (C16)	9.656	2648346	20.565 ug/ml
8) T n-Octadecane (C18)	11.085	2660537	20.218 ug/ml
10) T n-Eicosane (C20)	12.384	2586338	19.668 ug/ml
11) T n-Heneicosane (C21)	12.991	2563018	19.393 ug/ml
13) T n-Docosane (C22)	13.573	2525328	19.370 ug/ml
14) T n-Tetracosane (C24)	14.669	2449918	18.972 ug/ml
15) T n-Hexacosane (C26)	15.683	2381711	19.254 ug/ml
16) T n-Octacosane (C28)	16.628	2373537	19.940 ug/ml
17) T n-Tricontane (C30)	17.509	2365504	21.015 ug/ml
18) T n-Dotriacontane (C32)	18.337	2289931	21.296 ug/ml
19) T n-Tetratriacontane (C34)	19.117	2167284	22.368 ug/ml
20) T n-Hexatriacontane (C36)	19.854	2052244	22.748 ug/ml
21) T n-Octatriacontane (C38)	20.557	1990904	22.878 ug/ml
22) T n-Tetracontane (C40)	21.381	1990975	23.725 ug/ml

(f)=RT Delta > 1/2 Window

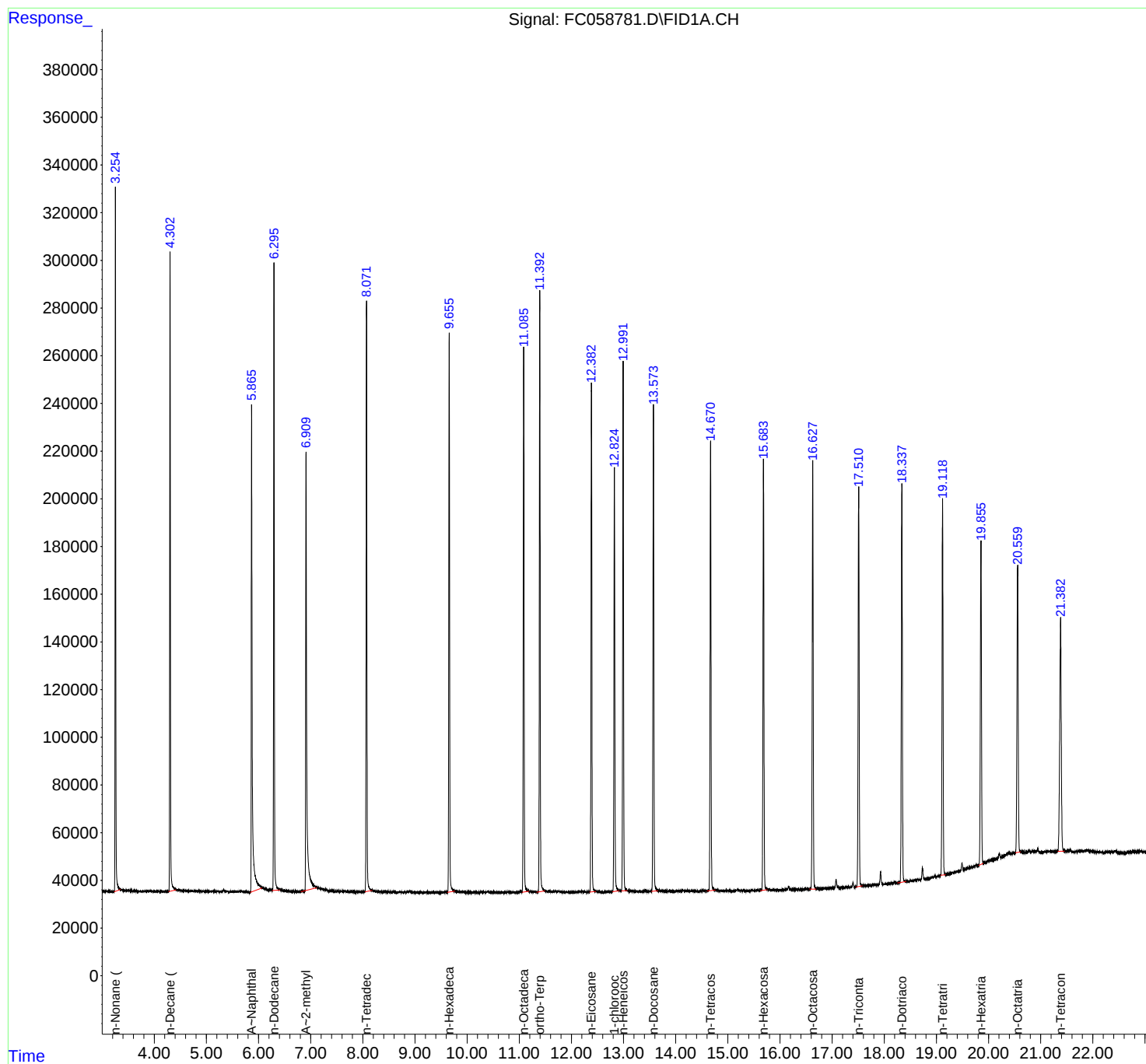
(m)=manual int.

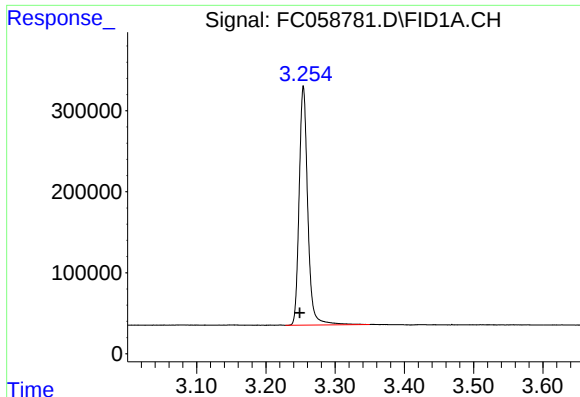
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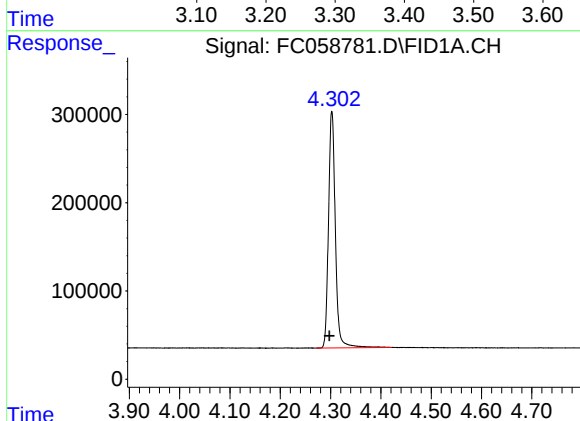




#1 n-Nonane (C9)

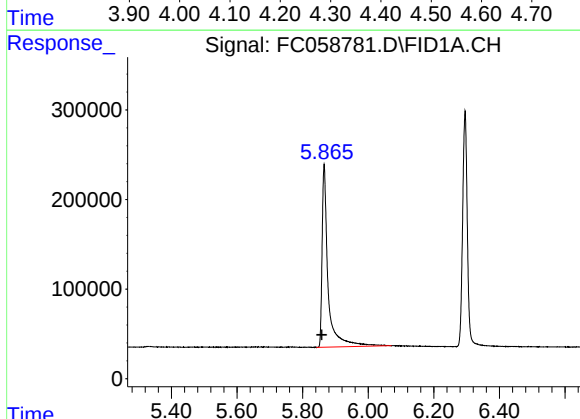
R.T.: 3.254 min
Delta R.T.: 0.005 min
Response: 2543911
Conc: 21.15 ug/ml

Instrument :
FID_C
ClientSampleId :



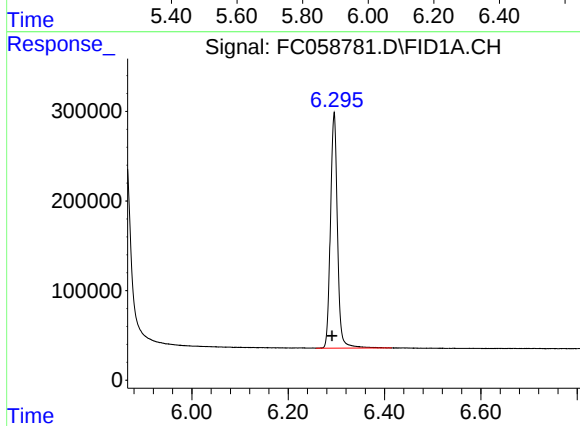
#2 n-Decane (C10)

R.T.: 4.303 min
Delta R.T.: 0.005 min
Response: 2540939
Conc: 21.35 ug/ml



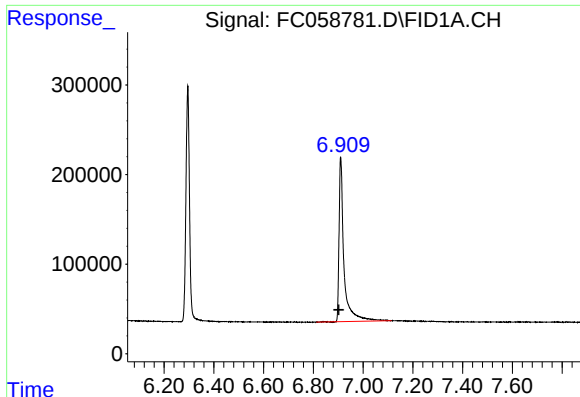
#3 A~Naphthalene (C11.7)

R.T.: 5.866 min
Delta R.T.: 0.007 min
Response: 2601357
Conc: 20.04 ug/ml



#4 n-Dodecane (C12)

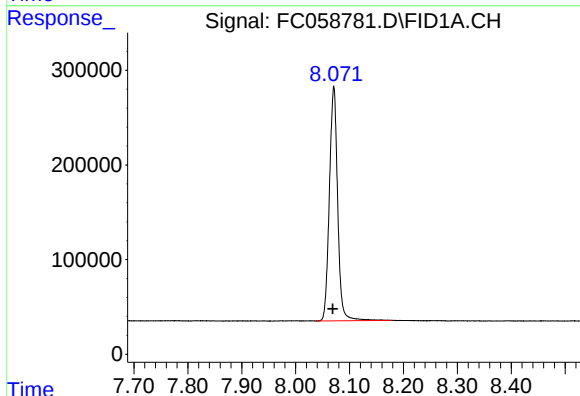
R.T.: 6.295 min
Delta R.T.: 0.004 min
Response: 2636468
Conc: 21.43 ug/ml



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

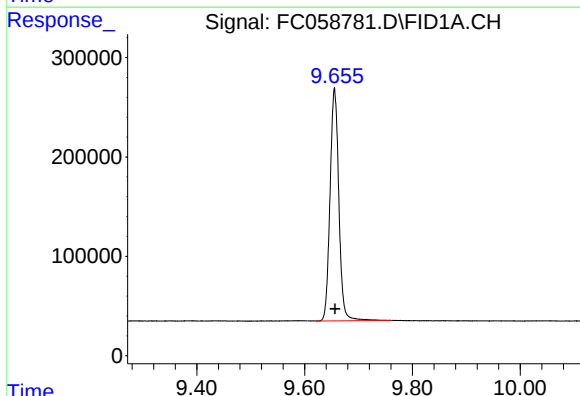
R.T.: 6.911 min
Delta R.T.: 0.008 min
Response: 2539382
Conc: 19.48 ug/ml

Instrument :
FID_C
ClientSampleId :



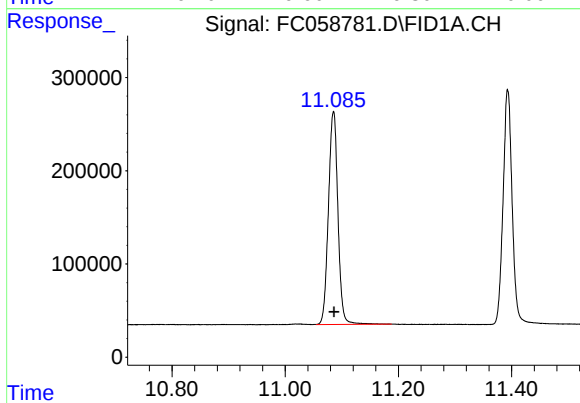
#6 n-Tetradecane (C14)

R.T.: 8.071 min
Delta R.T.: 0.002 min
Response: 2629493
Conc: 20.98 ug/ml



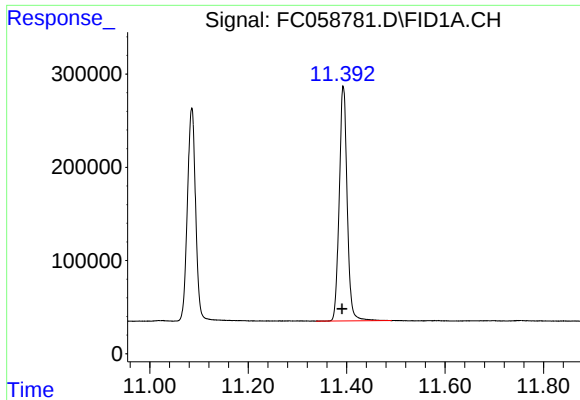
#7 n-Hexadecane (C16)

R.T.: 9.656 min
Delta R.T.: 0.000 min
Response: 2648346
Conc: 20.56 ug/ml



#8 n-Octadecane (C18)

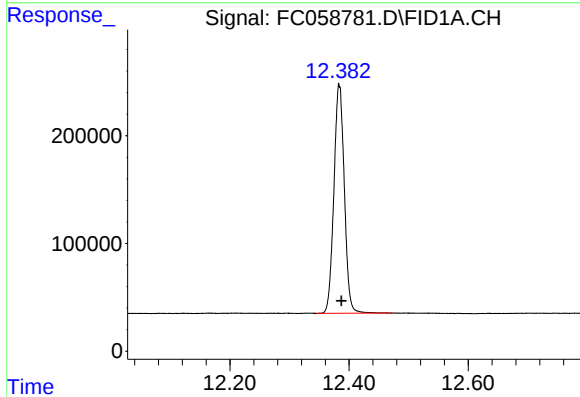
R.T.: 11.085 min
Delta R.T.: -0.001 min
Response: 2660537
Conc: 20.22 ug/ml



#9 ortho-Terphenyl (SURR)

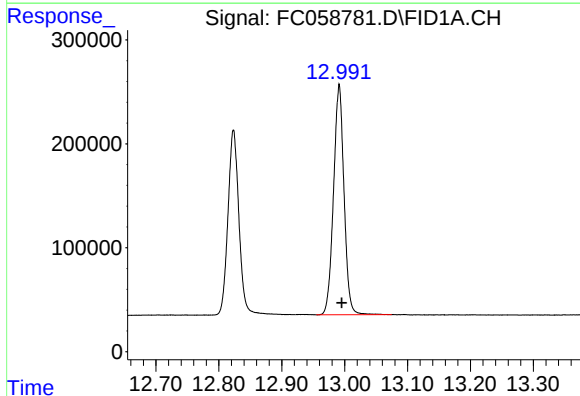
R.T.: 11.393 min
Delta R.T.: 0.002 min
Response: 2816891
Conc: 19.34 ug/ml

Instrument :
FID_C
ClientSampleId :



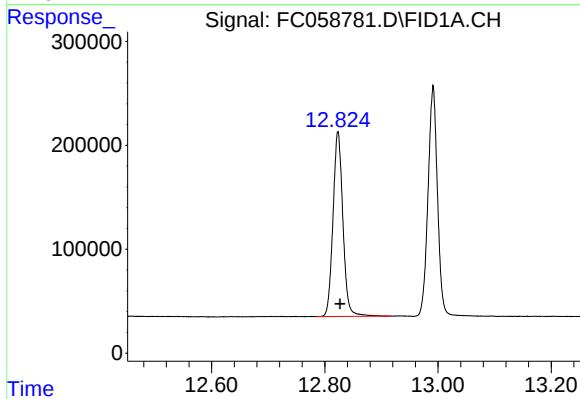
#10 n-Eicosane (C20)

R.T.: 12.384 min
Delta R.T.: -0.004 min
Response: 2586338
Conc: 19.67 ug/ml



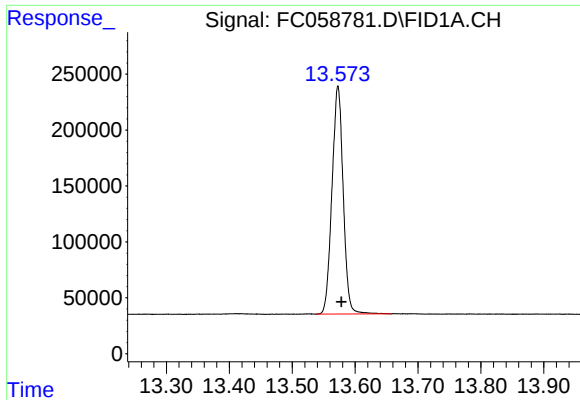
#11 n-Heneicosane (C21)

R.T.: 12.991 min
Delta R.T.: -0.004 min
Response: 2563018
Conc: 19.39 ug/ml



#12 1-chlorooctadecane (SURR)

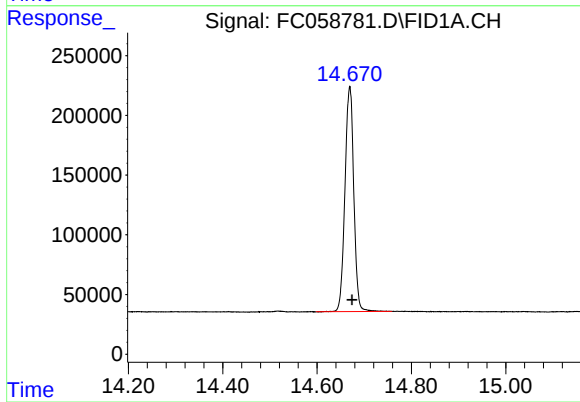
R.T.: 12.823 min
Delta R.T.: -0.004 min
Response: 2158875
Conc: 19.05 ug/ml



#13 n-Docosane (C22)

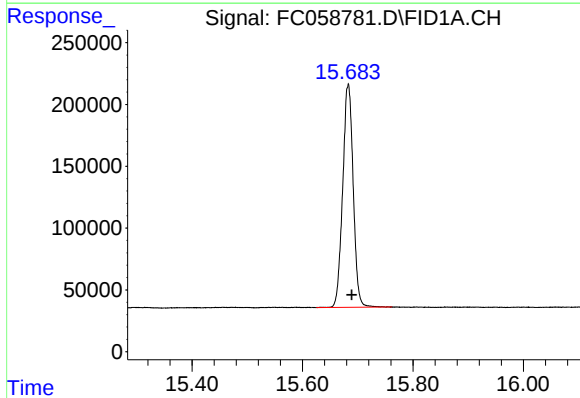
R.T.: 13.573 min
Delta R.T.: -0.005 min
Response: 2525328
Conc: 19.37 ug/ml

Instrument :
FID_C
ClientSampleId :



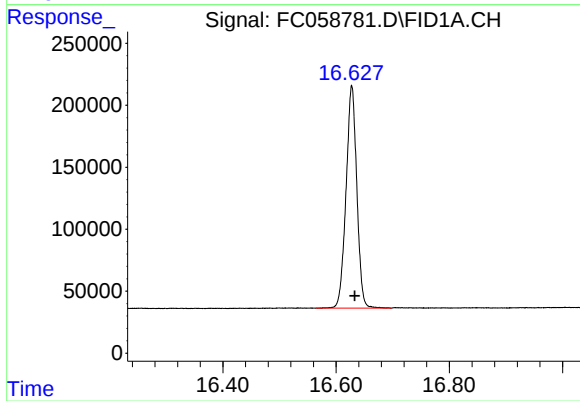
#14 n-Tetracosane (C24)

R.T.: 14.669 min
Delta R.T.: -0.005 min
Response: 2449918
Conc: 18.97 ug/ml



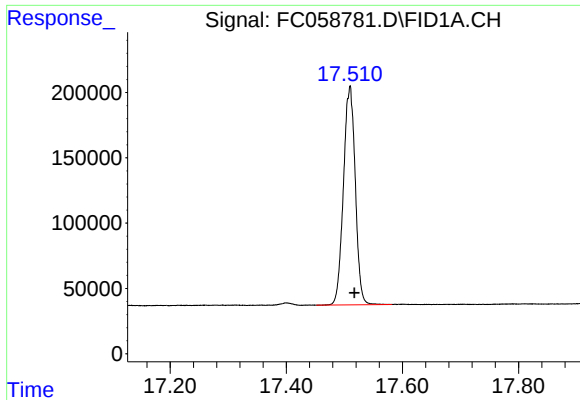
#15 n-Hexacosane (C26)

R.T.: 15.683 min
Delta R.T.: -0.007 min
Response: 2381711
Conc: 19.25 ug/ml



#16 n-Octacosane (C28)

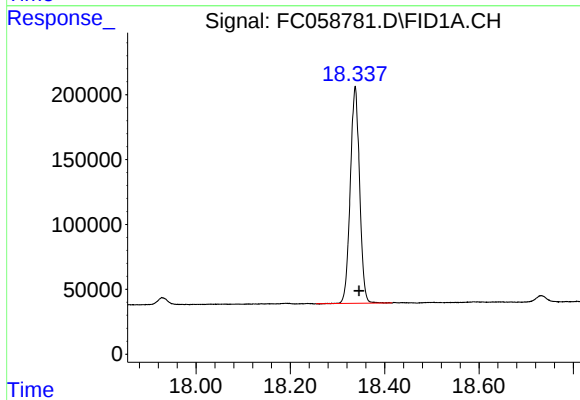
R.T.: 16.628 min
Delta R.T.: -0.005 min
Response: 2373537
Conc: 19.94 ug/ml



#17 n-Tricontane (C30)

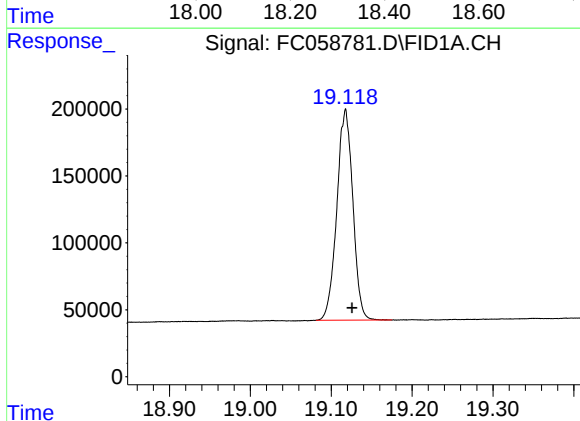
R.T.: 17.509 min
Delta R.T.: -0.008 min
Response: 2365504
Conc: 21.01 ug/ml

Instrument :
FID_C
ClientSampleId :



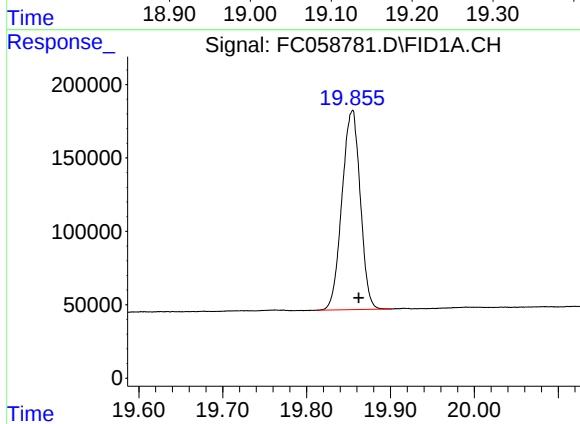
#18 n-Dotriacontane (C32)

R.T.: 18.337 min
Delta R.T.: -0.009 min
Response: 2289931
Conc: 21.30 ug/ml



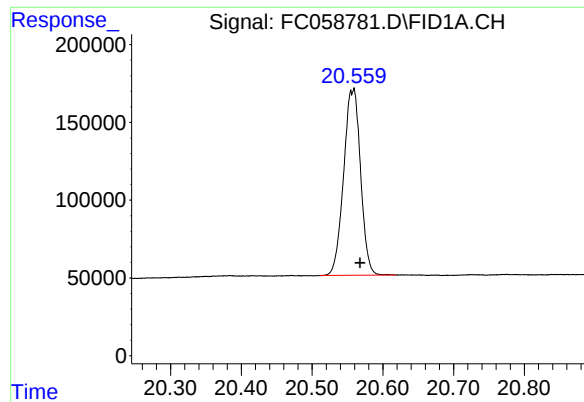
#19 n-Tetratriacontane (C34)

R.T.: 19.117 min
Delta R.T.: -0.009 min
Response: 2167284
Conc: 22.37 ug/ml



#20 n-Hexatriacontane (C36)

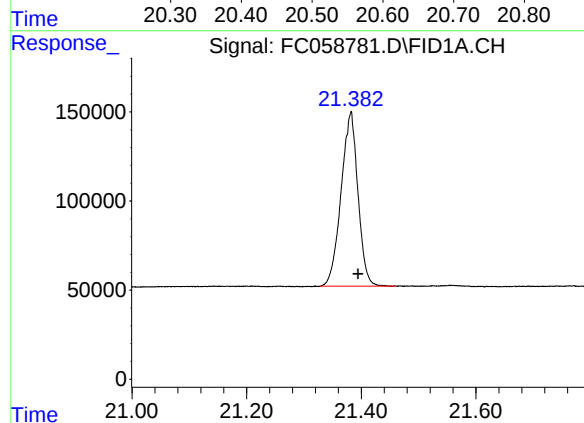
R.T.: 19.854 min
Delta R.T.: -0.008 min
Response: 2052244
Conc: 22.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.557 min
Delta R.T.: -0.011 min
Response: 1990904
Conc: 22.88 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.381 min
Delta R.T.: -0.013 min
Response: 1990975
Conc: 23.73 ug/ml