

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060321AL\
 Data File : FC053993.D
 Signal(s) : FID1A.CH
 Acq On : 04 Jun 2021 11:03
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 04 11:31:45 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 052721.M
 Quant Title : GC Extractables
 QLast Update : Fri May 28 09:04:47 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)	11.372	2723607	19.507 ug/ml
Spiked Amount 50.000		Recovery =	39.01%
12) S 1-chlorooctadecane (S...	12.817	2099336	18.724 ug/ml
Spiked Amount 50.000		Recovery =	37.45%
Target Compounds			
1) T n-Nonane (C9)	3.163	2653151	22.457 ug/ml
2) T n-Decane (C10)	4.222	2687577	22.549 ug/ml
3) T A~Naphthalene (C11.7)	5.795	2909637	22.247 ug/ml
4) T n-Dodecane (C12)	6.235	2740292	22.322 ug/ml
5) T A~2-methylnaphthalene...	6.850	2963822	22.202 ug/ml
6) T n-Tetradecane (C14)	8.028	2733702	22.039 ug/ml
7) T n-Hexadecane (C16)	9.627	2649596	21.266 ug/ml
8) T n-Octadecane (C18)	11.067	2664703	20.231 ug/ml
10) T n-Eicosane (C20)	12.375	2580364	19.251 ug/ml
11) T n-Heneicosane (C21)	12.986	2524647	18.823 ug/ml
13) T n-Docosane (C22)	13.572	2464887	18.339 ug/ml
14) T n-Tetracosane (C24)	14.675	2368209	17.638 ug/ml
15) T n-Hexacosane (C26)	15.696	2274153	17.159 ug/ml
16) T n-Octacosane (C28)	16.646	2221764	16.827 ug/ml
17) T n-Tricontane (C30)	17.535	2182728	16.647 ug/ml
18) T n-Dotriacontane (C32)	18.367	2197069	17.031 ug/ml
19) T n-Tetratriacontane (C34)	19.152	2495595	20.457 ug/ml
20) T n-Hexatriacontane (C36)	19.891	3149097	27.893 ug/ml
21) T n-Octatriacontane (C38)	20.602	5524374	54.788 ug/ml
22) T n-Tetracontane (C40)	21.445	2024431	20.059 ug/ml

(f)=RT Delta > 1/2 Window

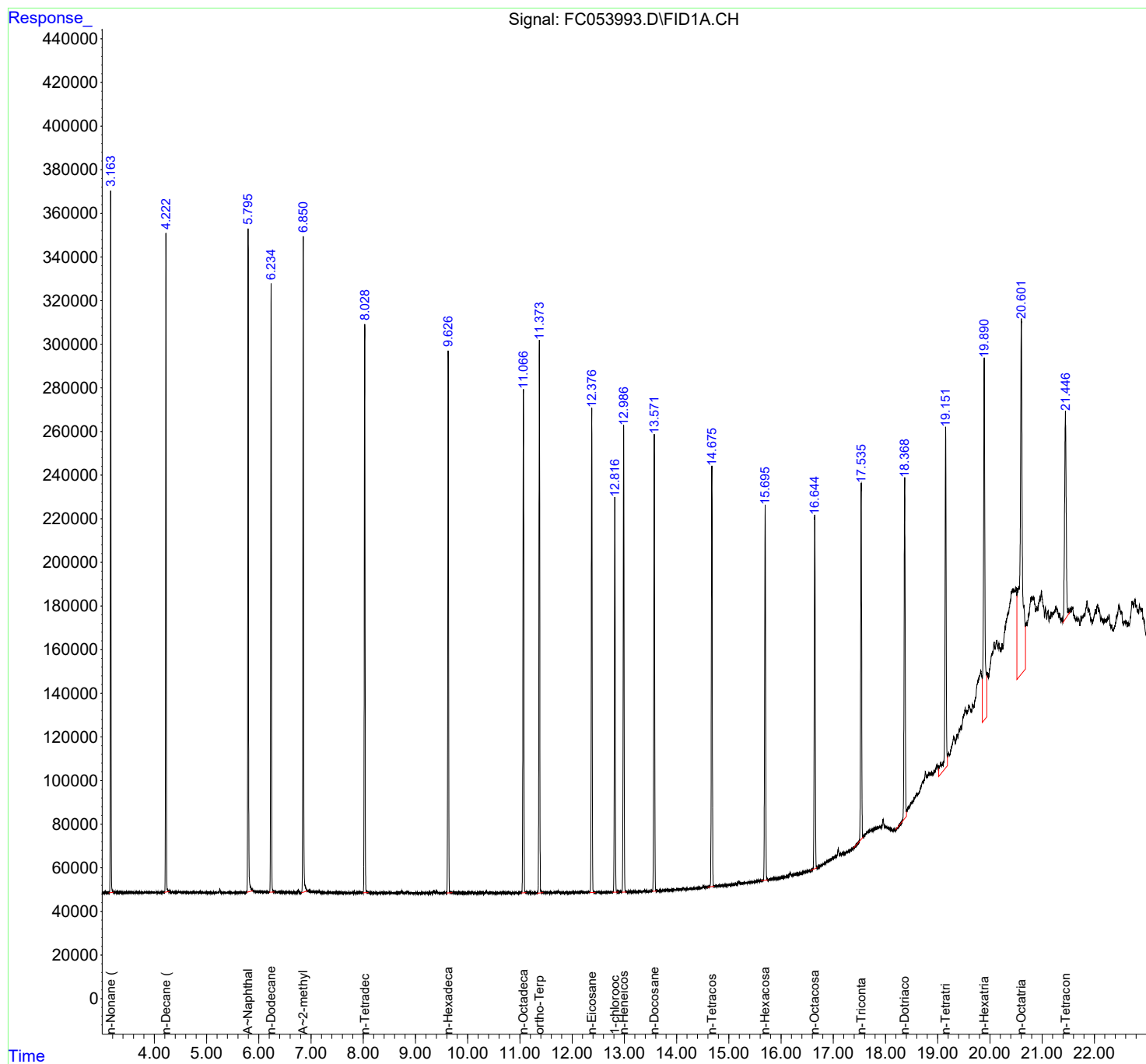
(m)=manual int.

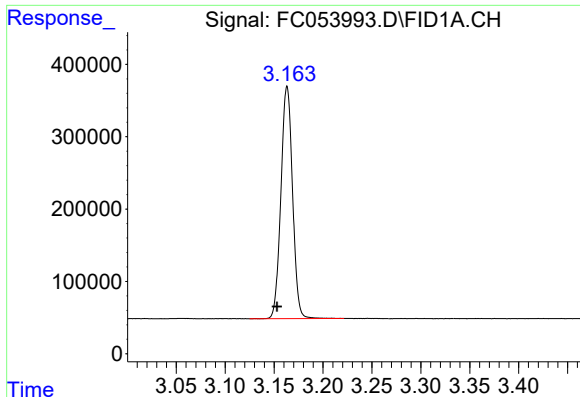
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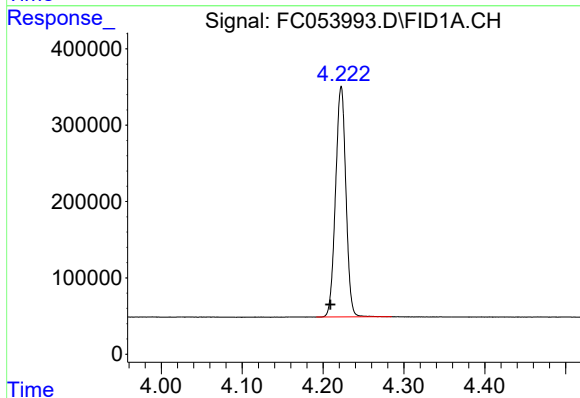




#1 n-Nonane (C9)

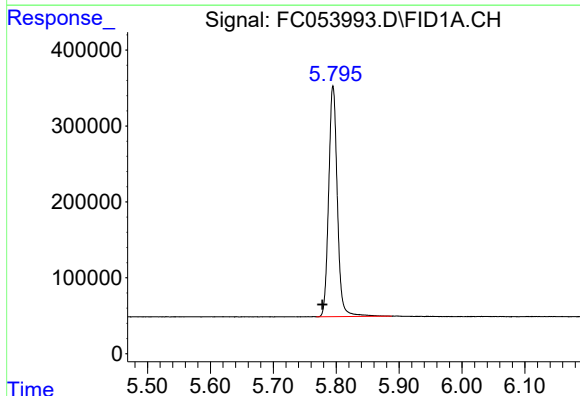
R.T.: 3.163 min
Delta R.T.: 0.010 min
Response: 2653151
Conc: 22.46 ug/ml

Instrument :
FID_D
ClientSampleId :



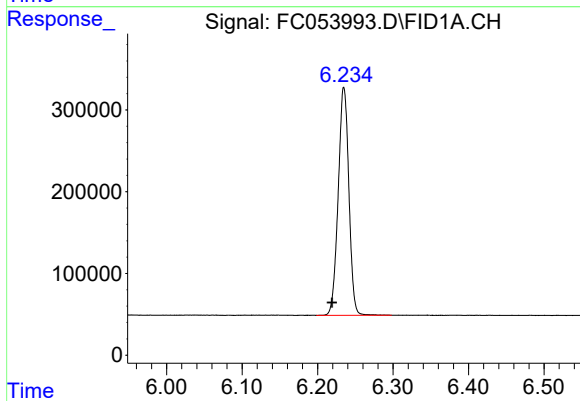
#2 n-Decane (C10)

R.T.: 4.222 min
Delta R.T.: 0.013 min
Response: 2687577
Conc: 22.55 ug/ml



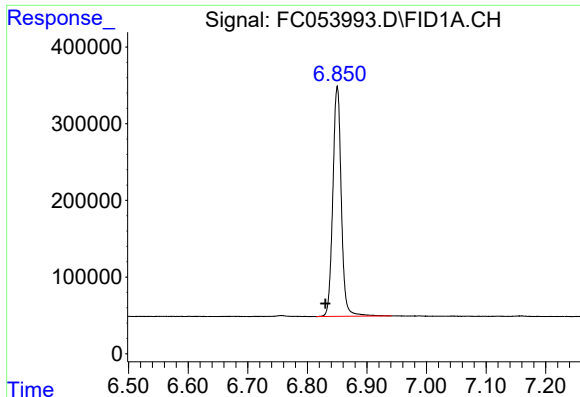
#3 A~Naphthalene (C11.7)

R.T.: 5.795 min
Delta R.T.: 0.017 min
Response: 2909637
Conc: 22.25 ug/ml



#4 n-Dodecane (C12)

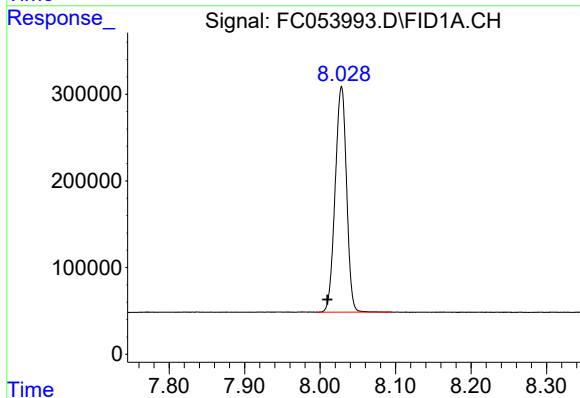
R.T.: 6.235 min
Delta R.T.: 0.016 min
Response: 2740292
Conc: 22.32 ug/ml



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

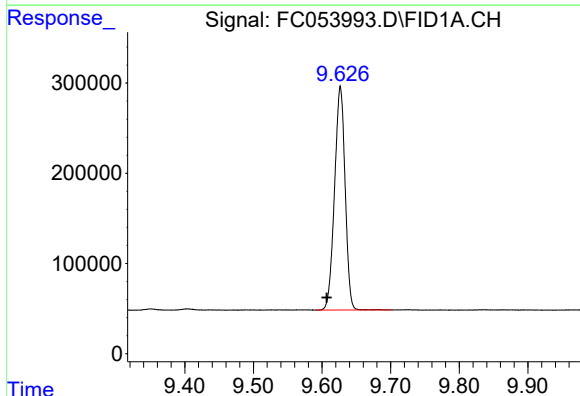
R.T.: 6.850 min
Delta R.T.: 0.019 min
Response: 2963822
Conc: 22.20 ug/ml

Instrument :
FID_D
ClientSampleId :



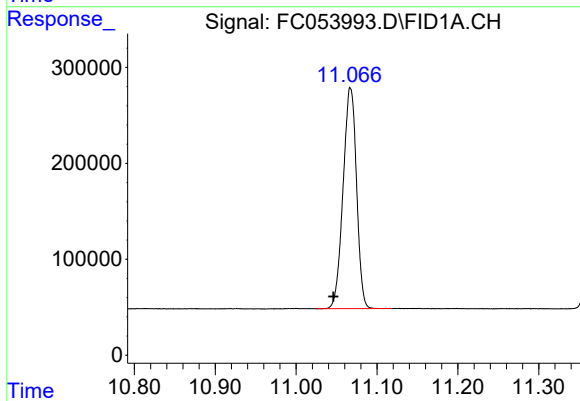
#6 n-Tetradecane (C14)

R.T.: 8.028 min
Delta R.T.: 0.019 min
Response: 2733702
Conc: 22.04 ug/ml



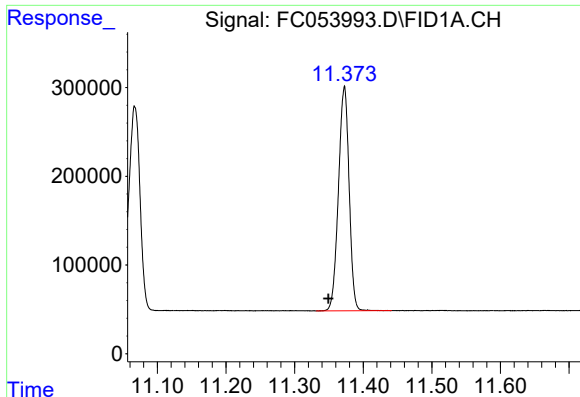
#7 n-Hexadecane (C16)

R.T.: 9.627 min
Delta R.T.: 0.020 min
Response: 2649596
Conc: 21.27 ug/ml



#8 n-Octadecane (C18)

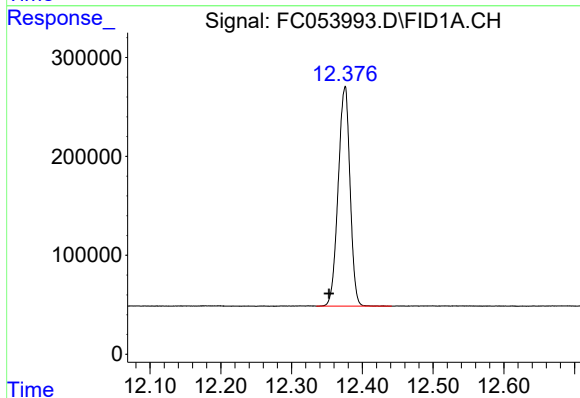
R.T.: 11.067 min
Delta R.T.: 0.021 min
Response: 2664703
Conc: 20.23 ug/ml



#9 ortho-Terphenyl (SURR)

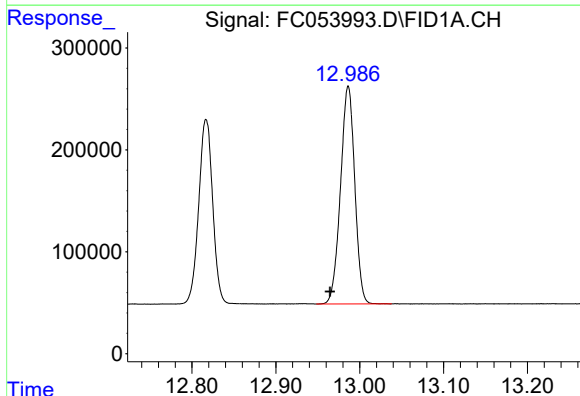
R.T.: 11.372 min
Delta R.T.: 0.023 min
Response: 2723607
Conc: 19.51 ug/ml

Instrument :
FID_D
ClientSampleId :



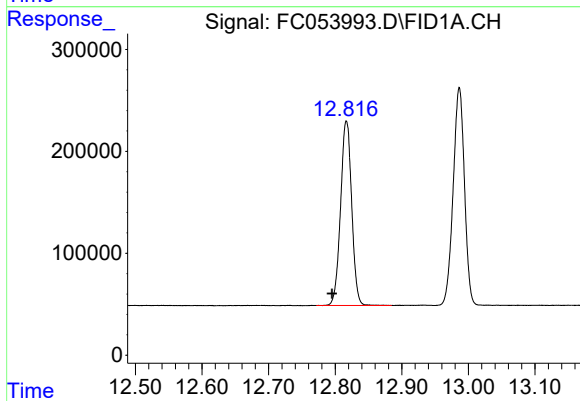
#10 n-Eicosane (C20)

R.T.: 12.375 min
Delta R.T.: 0.022 min
Response: 2580364
Conc: 19.25 ug/ml



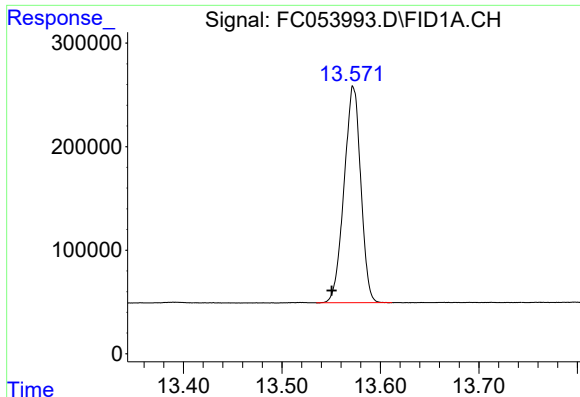
#11 n-Heneicosane (C21)

R.T.: 12.986 min
Delta R.T.: 0.022 min
Response: 2524647
Conc: 18.82 ug/ml



#12 1-chlorooctadecane (SURR)

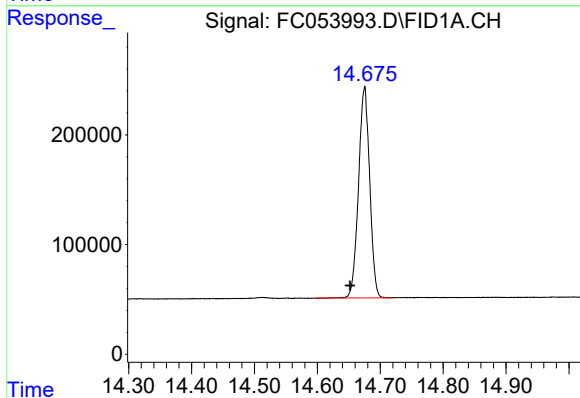
R.T.: 12.817 min
Delta R.T.: 0.022 min
Response: 2099336
Conc: 18.72 ug/ml



#13 n-Docosane (C22)

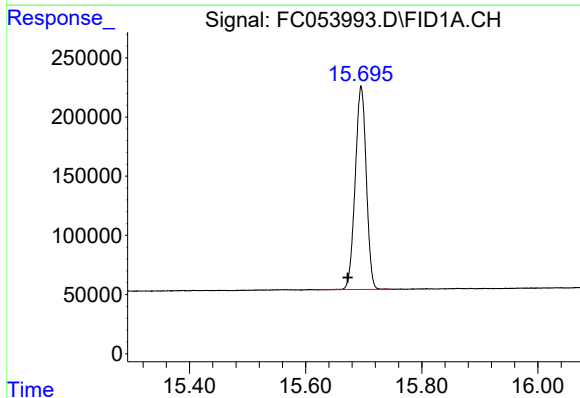
R.T.: 13.572 min
Delta R.T.: 0.022 min
Response: 2464887
Conc: 18.34 ug/ml

Instrument :
FID_D
ClientSampleId :



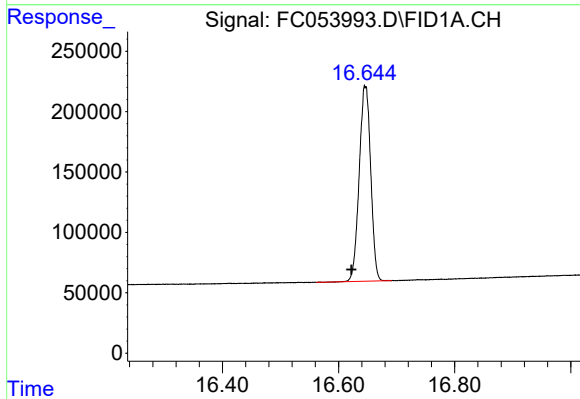
#14 n-Tetracosane (C24)

R.T.: 14.675 min
Delta R.T.: 0.023 min
Response: 2368209
Conc: 17.64 ug/ml



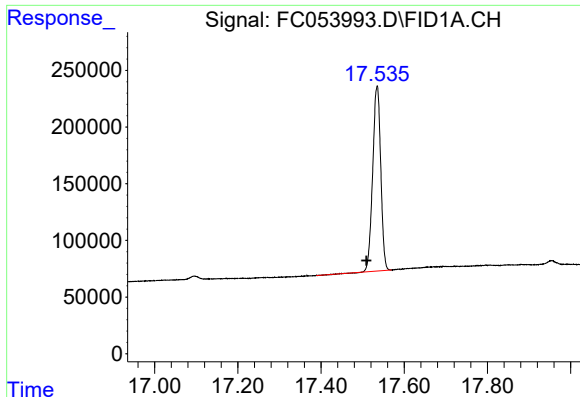
#15 n-Hexacosane (C26)

R.T.: 15.696 min
Delta R.T.: 0.023 min
Response: 2274153
Conc: 17.16 ug/ml



#16 n-Octacosane (C28)

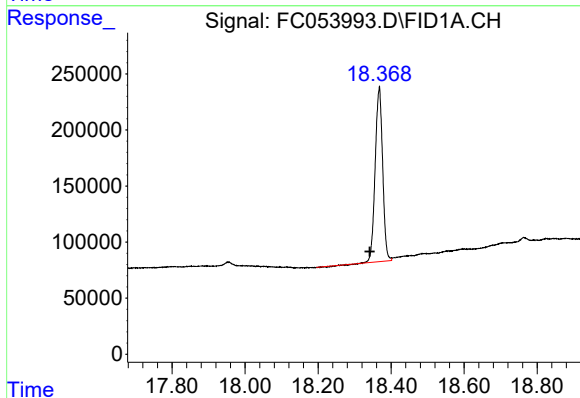
R.T.: 16.646 min
Delta R.T.: 0.024 min
Response: 2221764
Conc: 16.83 ug/ml



#17 n-Tricontane (C30)

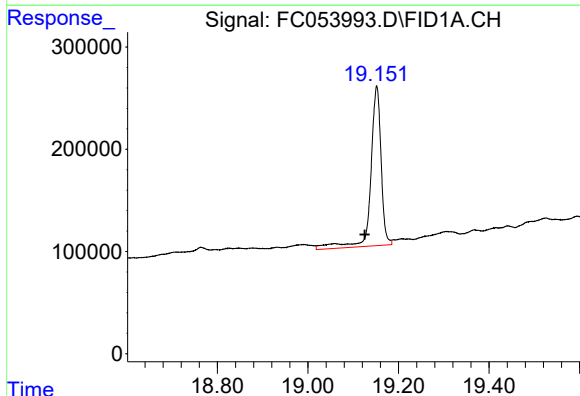
R.T.: 17.535 min
Delta R.T.: 0.026 min
Response: 2182728
Conc: 16.65 ug/ml

Instrument :
FID_D
ClientSampleId :



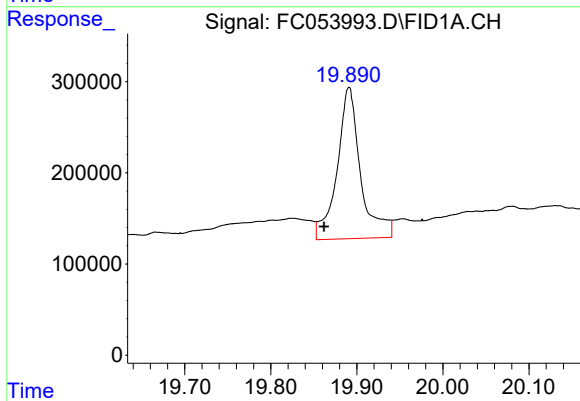
#18 n-Dotriacontane (C32)

R.T.: 18.367 min
Delta R.T.: 0.026 min
Response: 2197069
Conc: 17.03 ug/ml



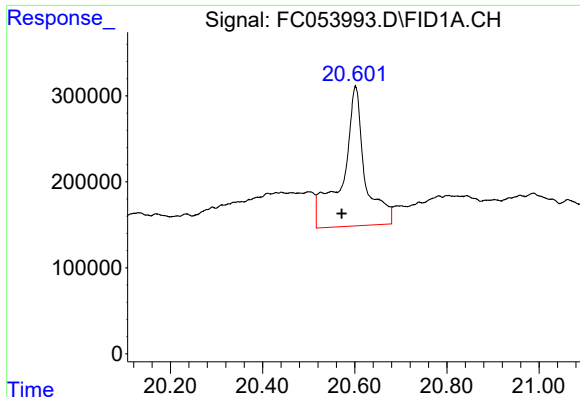
#19 n-Tetratriacontane (C34)

R.T.: 19.152 min
Delta R.T.: 0.026 min
Response: 2495595
Conc: 20.46 ug/ml



#20 n-Hexatriacontane (C36)

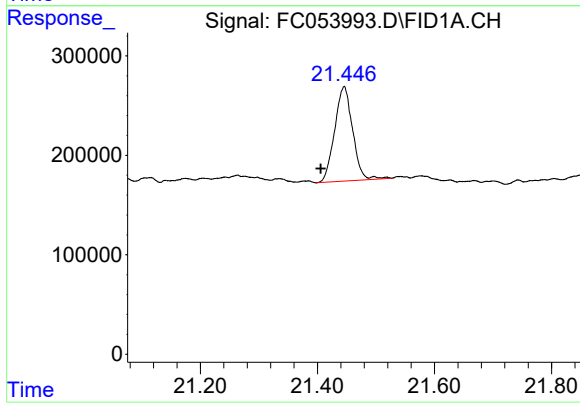
R.T.: 19.891 min
Delta R.T.: 0.029 min
Response: 3149097
Conc: 27.89 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.602 min
Delta R.T.: 0.030 min
Response: 5524374
Conc: 54.79 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.445 min
Delta R.T.: 0.040 min
Response: 2024431
Conc: 20.06 ug/ml