

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041421AL\
 Data File : FC053182.D
 Signal(s) : FID1A.CH
 Acq On : 15 Apr 2021 11:34
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 15 12:03:06 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 040821.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 09 09:23:51 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)	11.553	2673802	18.508 ug/ml
Spiked Amount 50.000		Recovery =	37.02%
12) S 1-chlorooctadecane (S...	12.992	2102745	18.199 ug/ml
Spiked Amount 50.000		Recovery =	36.40%
Target Compounds			
1) T n-Nonane (C9)	3.308	2442216	19.513 ug/ml
2) T n-Decane (C10)	4.374	2466162	19.589 ug/ml
3) T A~Naphthalene (C11.7)	5.959	2714593	19.488 ug/ml
4) T n-Dodecane (C12)	6.394	2541462	19.844 ug/ml
5) T A~2-methylnaphthalene...	7.017	2762872	19.545 ug/ml
6) T n-Tetradecane (C14)	8.192	2531954	19.678 ug/ml
7) T n-Hexadecane (C16)	9.794	2487125	19.452 ug/ml
8) T n-Octadecane (C18)	11.238	2567054	18.981 ug/ml
10) T n-Eicosane (C20)	12.548	2528248	18.407 ug/ml
11) T n-Heneicosane (C21)	13.161	2496652	18.170 ug/ml
13) T n-Docosane (C22)	13.747	2445570	17.742 ug/ml
14) T n-Tetracosane (C24)	14.850	2346315	17.017 ug/ml
15) T n-Hexacosane (C26)	15.872	2209044	16.291 ug/ml
16) T n-Octacosane (C28)	16.823	2097643	15.737 ug/ml
17) T n-Tricontane (C30)	17.711	2011042	15.670 ug/ml
18) T n-Dotriacontane (C32)	18.544	1932628	16.177 ug/ml
19) T n-Tetratriacontane (C34)	19.326	1903932	17.191 ug/ml
20) T n-Hexatriacontane (C36)	20.066	1858984	18.422 ug/ml
21) T n-Octatriacontane (C38)	20.798	1800660	20.211 ug/ml
22) T n-Tetracontane (C40)	21.698	1873960	23.409 ug/ml

(f)=RT Delta > 1/2 Window

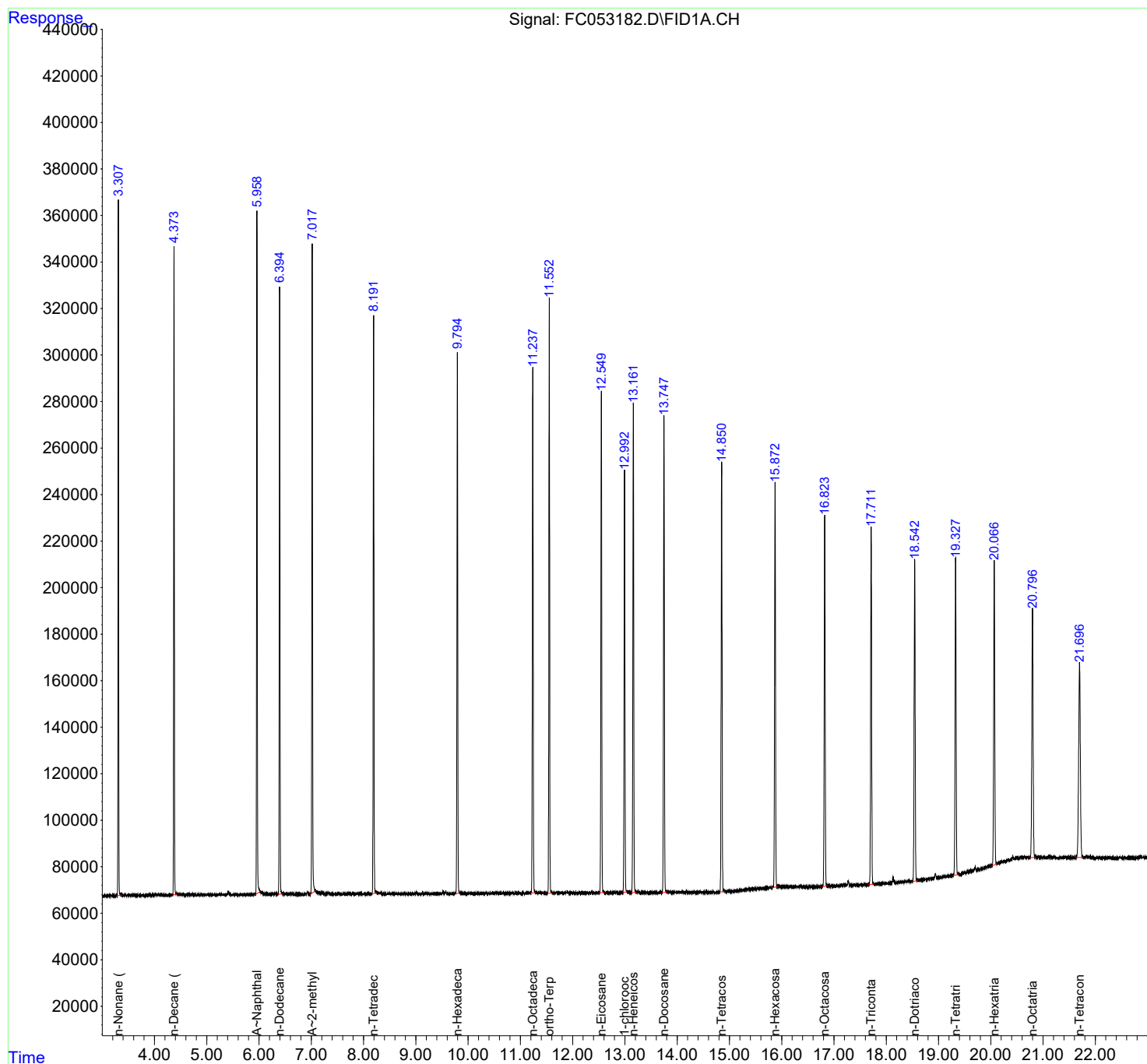
(m)=manual int.

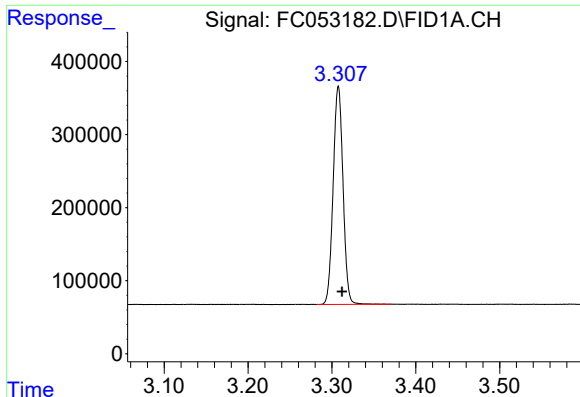
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041421AL\
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Acq On : 15 Apr 2021 11:34
Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
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Instrument :
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ClientSampled :

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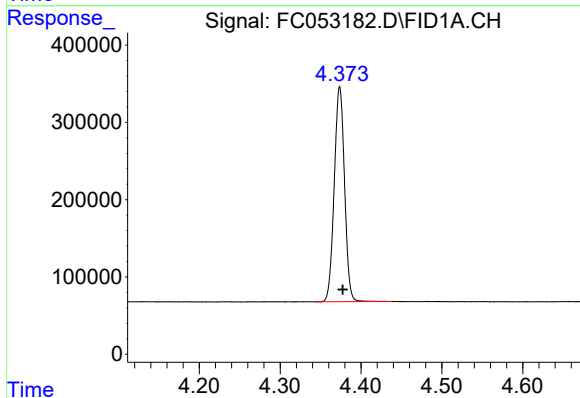




#1 n-Nonane (C9)

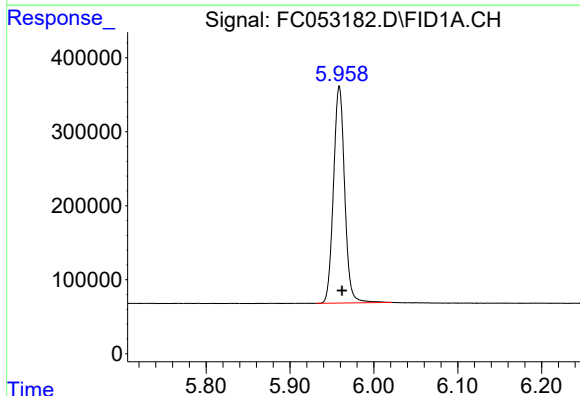
R.T.: 3.308 min
Delta R.T.: -0.004 min
Response: 2442216
Conc: 19.51 ug/ml

Instrument :
FID_C
ClientSampleId :



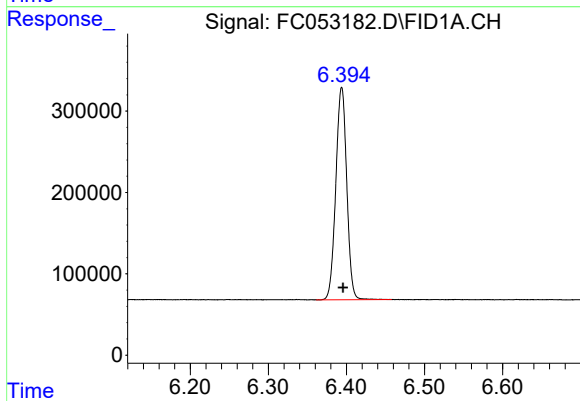
#2 n-Decane (C10)

R.T.: 4.374 min
Delta R.T.: -0.004 min
Response: 2466162
Conc: 19.59 ug/ml



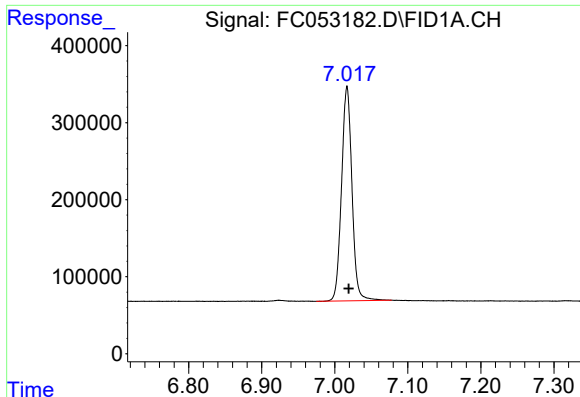
#3 A~Naphthalene (C11.7)

R.T.: 5.959 min
Delta R.T.: -0.004 min
Response: 2714593
Conc: 19.49 ug/ml



#4 n-Dodecane (C12)

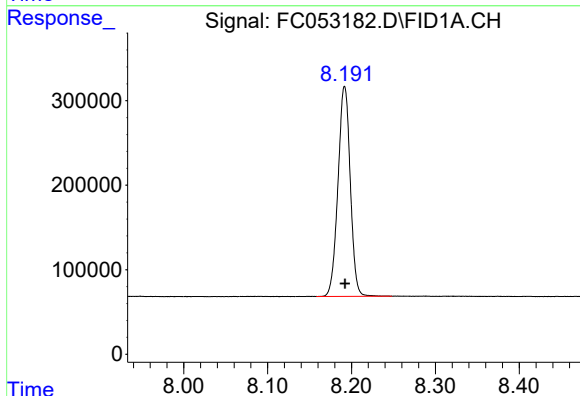
R.T.: 6.394 min
Delta R.T.: -0.002 min
Response: 2541462
Conc: 19.84 ug/ml



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

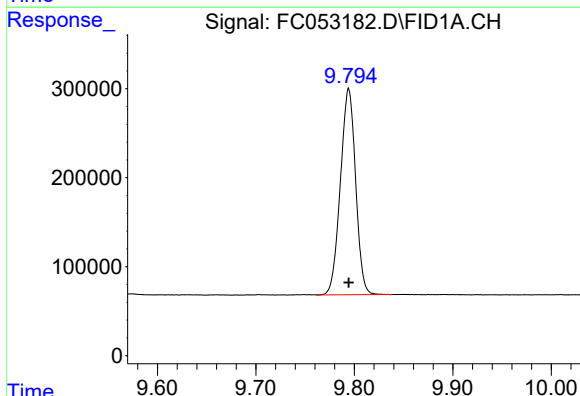
R.T.: 7.017 min
Delta R.T.: -0.002 min
Response: 2762872
Conc: 19.55 ug/ml

Instrument :
FID_C
ClientSampleId :



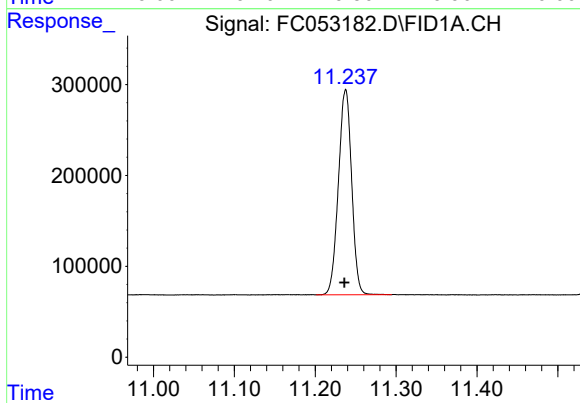
#6 n-Tetradecane (C14)

R.T.: 8.192 min
Delta R.T.: 0.000 min
Response: 2531954
Conc: 19.68 ug/ml



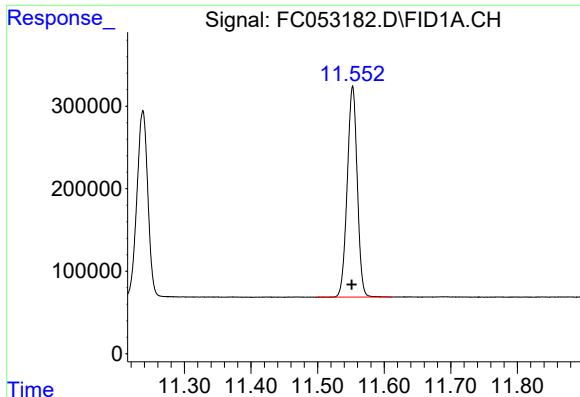
#7 n-Hexadecane (C16)

R.T.: 9.794 min
Delta R.T.: 0.000 min
Response: 2487125
Conc: 19.45 ug/ml



#8 n-Octadecane (C18)

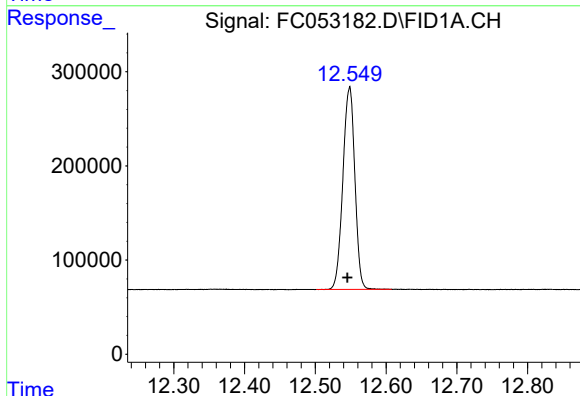
R.T.: 11.238 min
Delta R.T.: 0.002 min
Response: 2567054
Conc: 18.98 ug/ml



#9 ortho-Terphenyl (SURR)

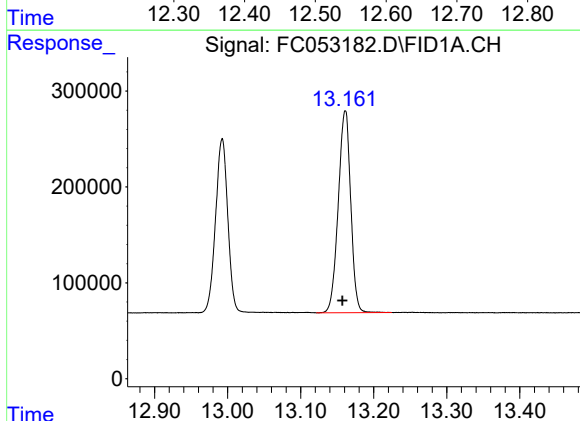
R.T.: 11.553 min
Delta R.T.: 0.001 min
Response: 2673802
Conc: 18.51 ug/ml

Instrument :
FID_C
ClientSampleId :



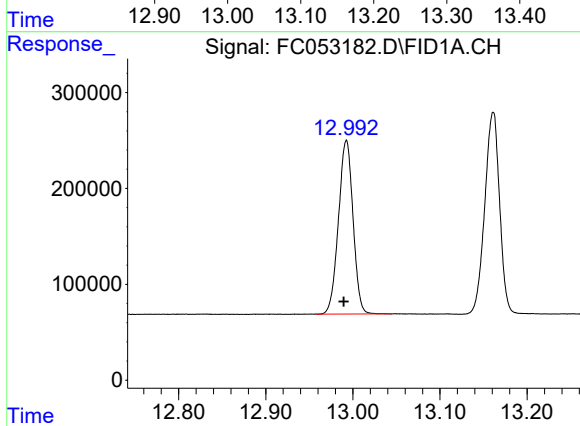
#10 n-Eicosane (C20)

R.T.: 12.548 min
Delta R.T.: 0.003 min
Response: 2528248
Conc: 18.41 ug/ml



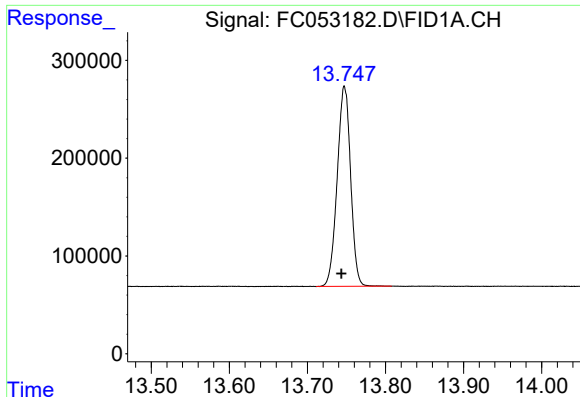
#11 n-Heneicosane (C21)

R.T.: 13.161 min
Delta R.T.: 0.004 min
Response: 2496652
Conc: 18.17 ug/ml



#12 1-chlorooctadecane (SURR)

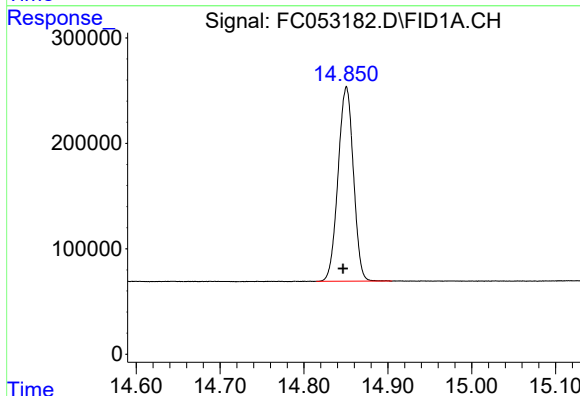
R.T.: 12.992 min
Delta R.T.: 0.003 min
Response: 2102745
Conc: 18.20 ug/ml



#13 n-Docosane (C22)

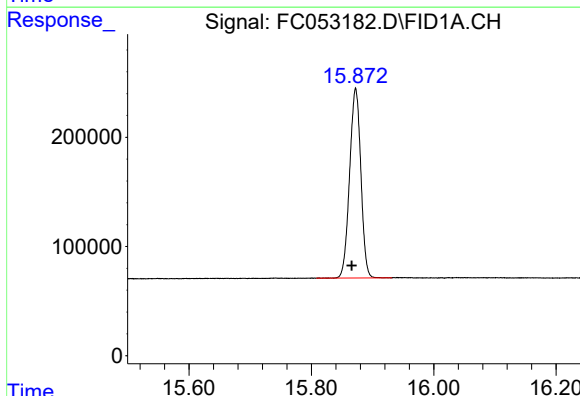
R.T.: 13.747 min
Delta R.T.: 0.004 min
Response: 2445570
Conc: 17.74 ug/ml

Instrument :
FID_C
ClientSampleId :



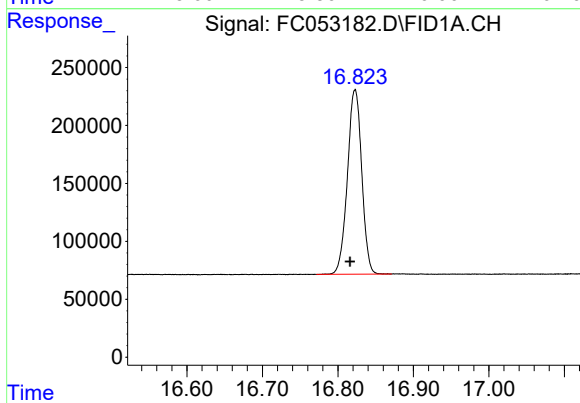
#14 n-Tetracosane (C24)

R.T.: 14.850 min
Delta R.T.: 0.004 min
Response: 2346315
Conc: 17.02 ug/ml



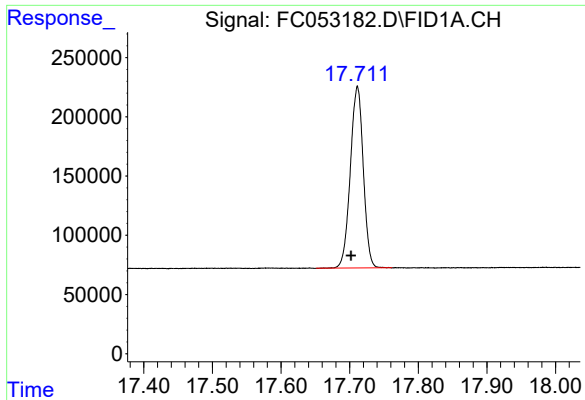
#15 n-Hexacosane (C26)

R.T.: 15.872 min
Delta R.T.: 0.006 min
Response: 2209044
Conc: 16.29 ug/ml



#16 n-Octacosane (C28)

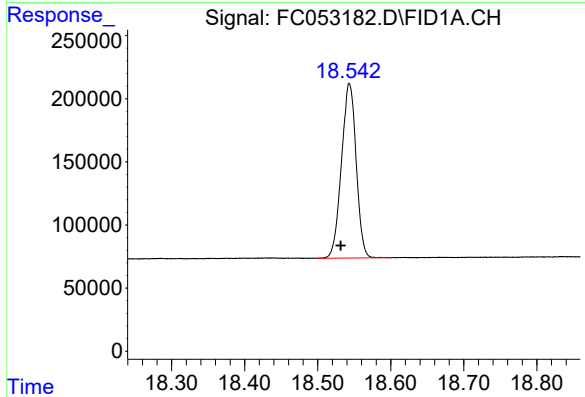
R.T.: 16.823 min
Delta R.T.: 0.007 min
Response: 2097643
Conc: 15.74 ug/ml



#17 n-Tricontane (C30)

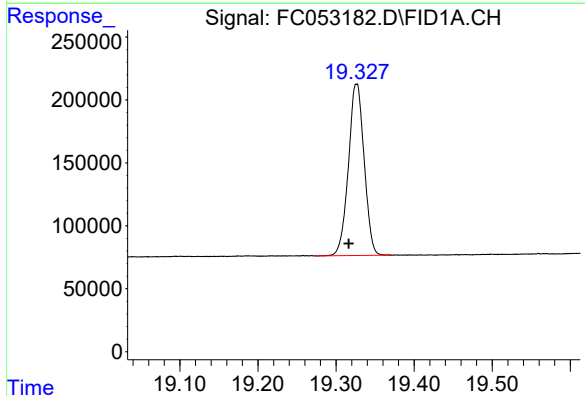
R.T.: 17.711 min
Delta R.T.: 0.009 min
Response: 2011042
Conc: 15.67 ug/ml

Instrument :
FID_C
ClientSampleId :



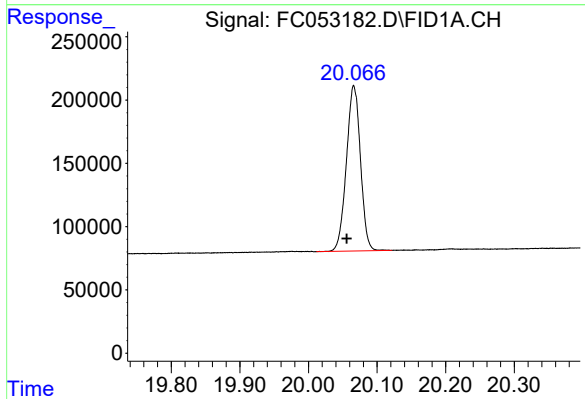
#18 n-Dotriacontane (C32)

R.T.: 18.544 min
Delta R.T.: 0.012 min
Response: 1932628
Conc: 16.18 ug/ml



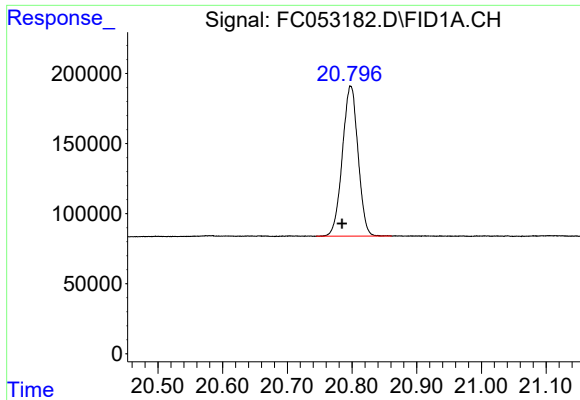
#19 n-Tetratriacontane (C34)

R.T.: 19.326 min
Delta R.T.: 0.010 min
Response: 1903932
Conc: 17.19 ug/ml



#20 n-Hexatriacontane (C36)

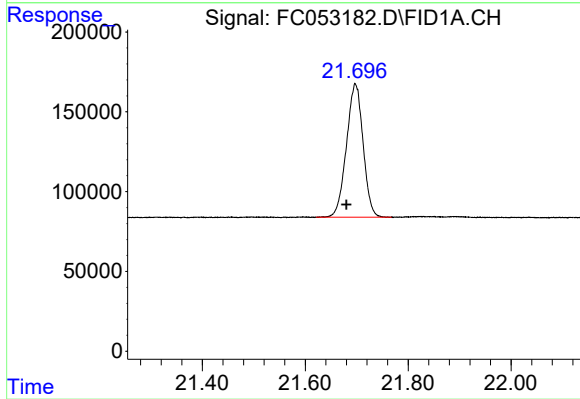
R.T.: 20.066 min
Delta R.T.: 0.010 min
Response: 1858984
Conc: 18.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.798 min
Delta R.T.: 0.013 min
Response: 1800660
Conc: 20.21 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.698 min
Delta R.T.: 0.017 min
Response: 1873960
Conc: 23.41 ug/ml