

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111921AL\
 Data File : FC056937.D
 Signal(s) : FID1A.CH
 Acq On : 19 Nov 2021 11:24
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 19 11:51:10 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111921.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 19 00:52:49 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)	11.595	2315616	19.954 ug/ml
Spiked Amount 50.000		Recovery =	39.91%
12) S 1-chlorooctadecane (S...	13.026	1822604	20.020 ug/ml
Spiked Amount 50.000		Recovery =	40.04%
Target Compounds			
1) T n-Nonane (C9)	3.360	2004500	19.782 ug/ml
2) T n-Decane (C10)	4.426	2000184	19.974 ug/ml
3) T A~Naphthalene (C11.7)	6.015	2236637	20.031 ug/ml
4) T n-Dodecane (C12)	6.443	2014444	19.868 ug/ml
5) T A~2-methylnaphthalene...	7.071	2235365	20.273 ug/ml
6) T n-Tetradecane (C14)	8.237	2026821	20.004 ug/ml
7) T n-Hexadecane (C16)	9.836	2042421	19.903 ug/ml
8) T n-Octadecane (C18)	11.275	2136076	19.938 ug/ml
10) T n-Eicosane (C20)	12.582	2130231	19.917 ug/ml
11) T n-Heneicosane (C21)	13.193	2149428	19.848 ug/ml
13) T n-Docosane (C22)	13.777	2130445	19.886 ug/ml
14) T n-Tetracosane (C24)	14.877	2149366	19.855 ug/ml
15) T n-Hexacosane (C26)	15.895	2101777	19.732 ug/ml
16) T n-Octacosane (C28)	16.841	2079959	19.500 ug/ml
17) T n-Tricontane (C30)	17.724	2038295	19.124 ug/ml
18) T n-Dotriacontane (C32)	18.553	1965478	18.634 ug/ml
19) T n-Tetratriacontane (C34)	19.333	1911455	18.399 ug/ml
20) T n-Hexatriacontane (C36)	20.069	1803773	17.858 ug/ml
21) T n-Octatriacontane (C38)	20.799	1708515	18.612 ug/ml
22) T n-Tetracontane (C40)	21.703	1699547	18.866 ug/ml

(f)=RT Delta > 1/2 Window

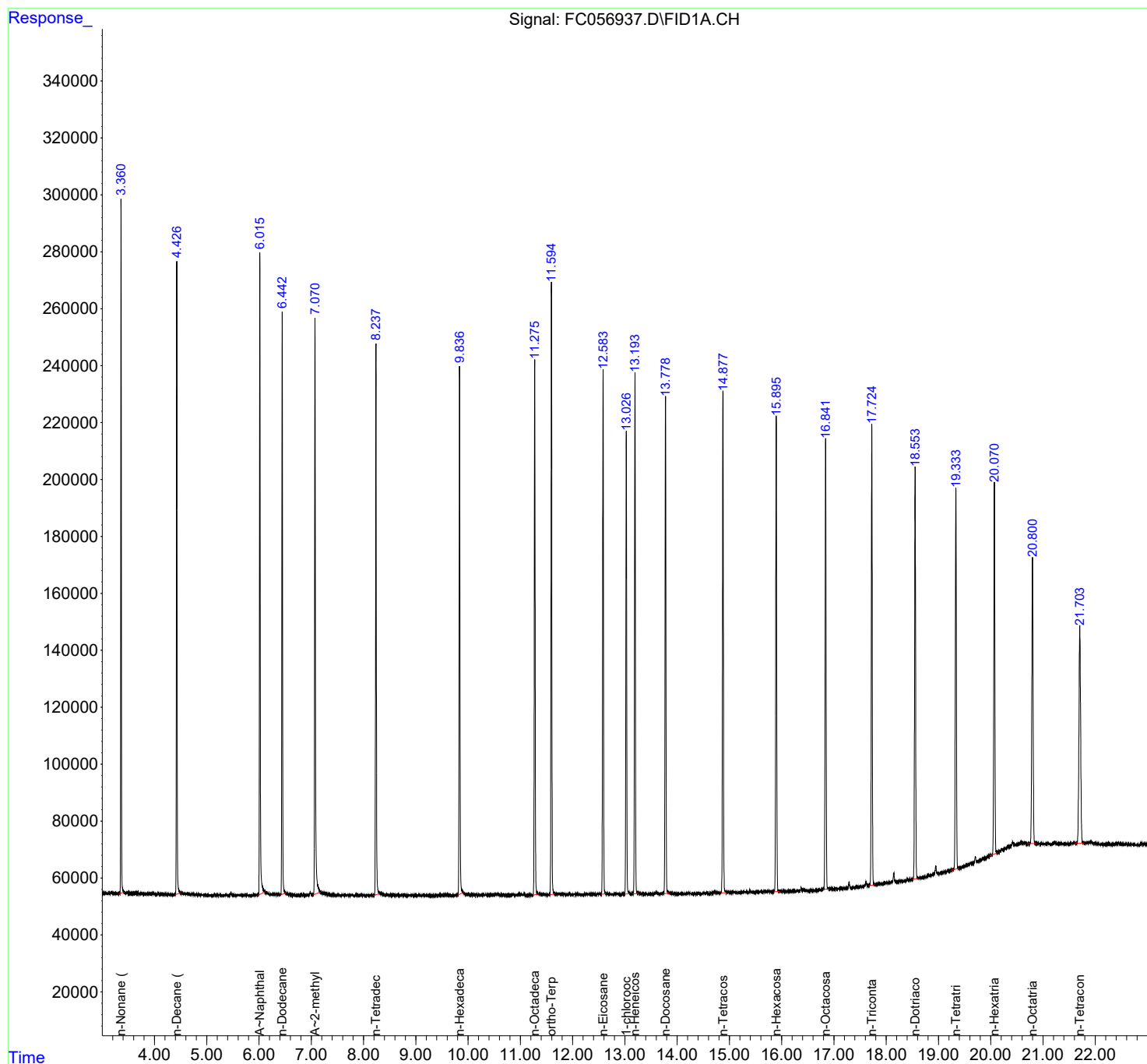
(m)=manual int.

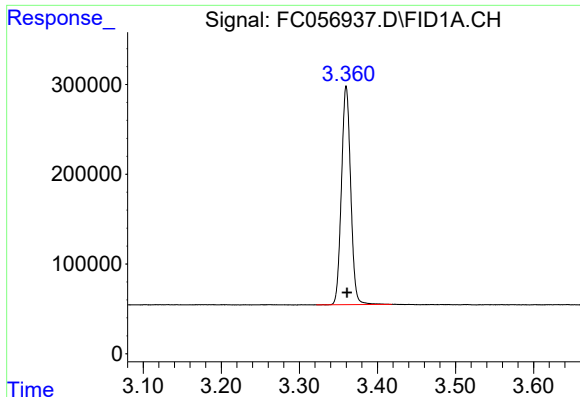
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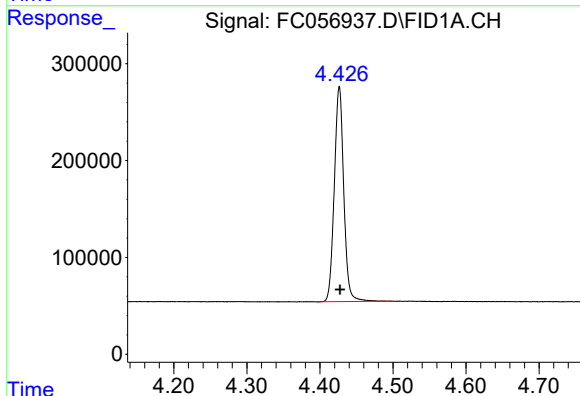




#1 n-Nonane (C9)

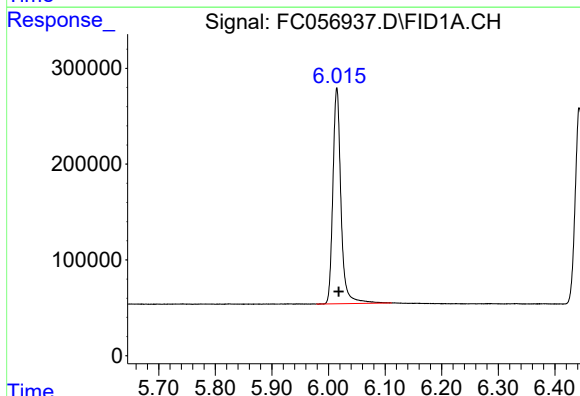
R.T.: 3.360 min
Delta R.T.: 0.000 min
Response: 2004500
Conc: 19.78 ug/ml

Instrument :
FID_C
ClientSampleId :



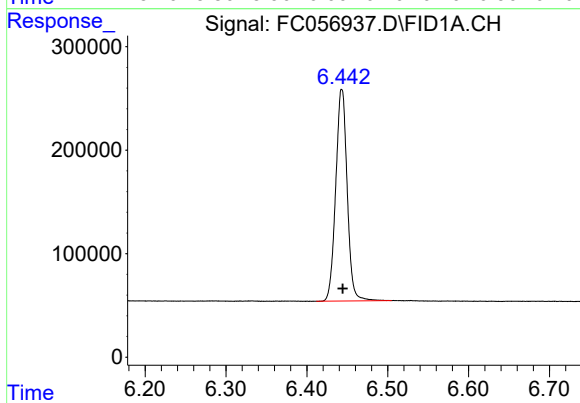
#2 n-Decane (C10)

R.T.: 4.426 min
Delta R.T.: -0.001 min
Response: 2000184
Conc: 19.97 ug/ml



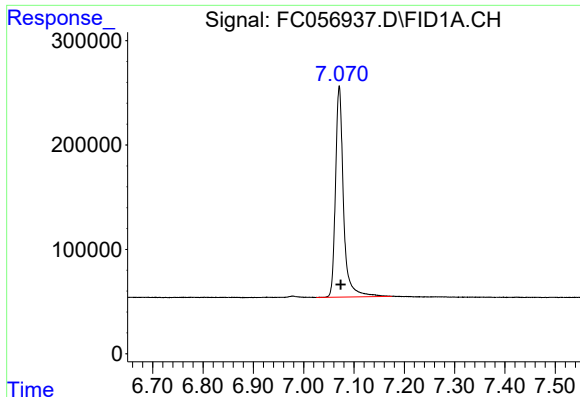
#3 A~Naphthalene (C11.7)

R.T.: 6.015 min
Delta R.T.: -0.003 min
Response: 2236637
Conc: 20.03 ug/ml



#4 n-Dodecane (C12)

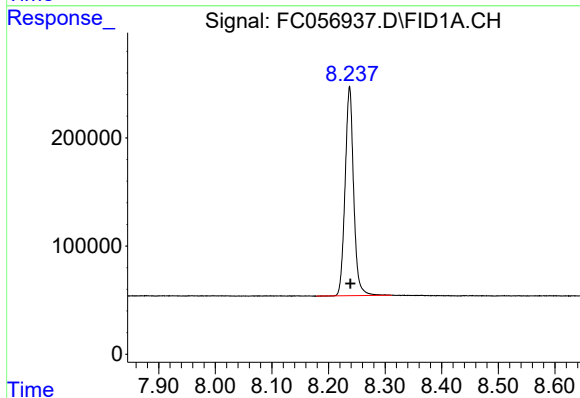
R.T.: 6.443 min
Delta R.T.: -0.001 min
Response: 2014444
Conc: 19.87 ug/ml



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

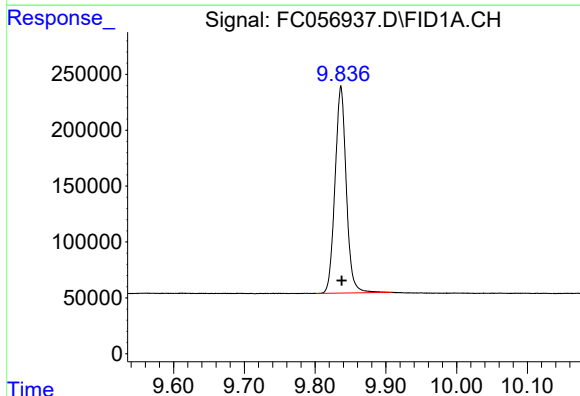
R.T.: 7.071 min
Delta R.T.: -0.003 min
Response: 2235365
Conc: 20.27 ug/ml

Instrument :
FID_C
ClientSampleId :



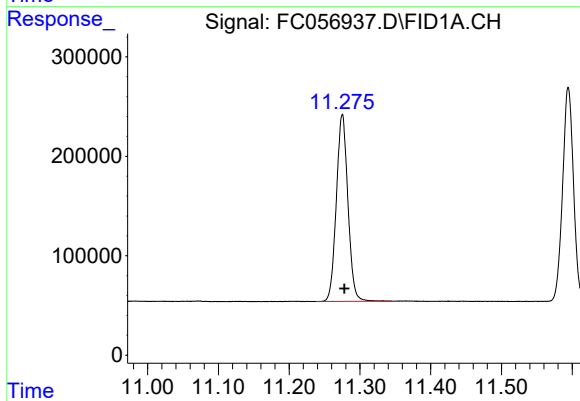
#6 n-Tetradecane (C14)

R.T.: 8.237 min
Delta R.T.: -0.002 min
Response: 2026821
Conc: 20.00 ug/ml



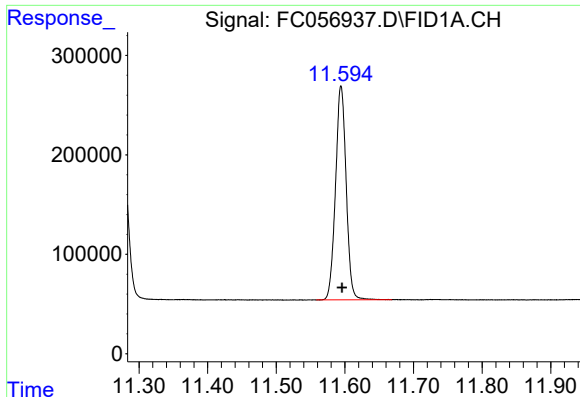
#7 n-Hexadecane (C16)

R.T.: 9.836 min
Delta R.T.: -0.001 min
Response: 2042421
Conc: 19.90 ug/ml



#8 n-Octadecane (C18)

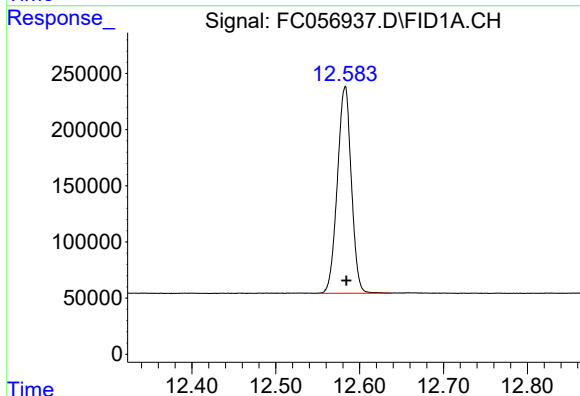
R.T.: 11.275 min
Delta R.T.: -0.003 min
Response: 2136076
Conc: 19.94 ug/ml



#9 ortho-Terphenyl (SURR)

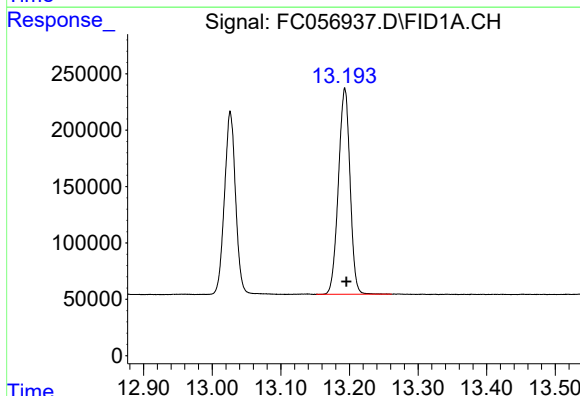
R.T.: 11.595 min
Delta R.T.: -0.001 min
Response: 2315616
Conc: 19.95 ug/ml

Instrument :
FID_C
ClientSampleId :



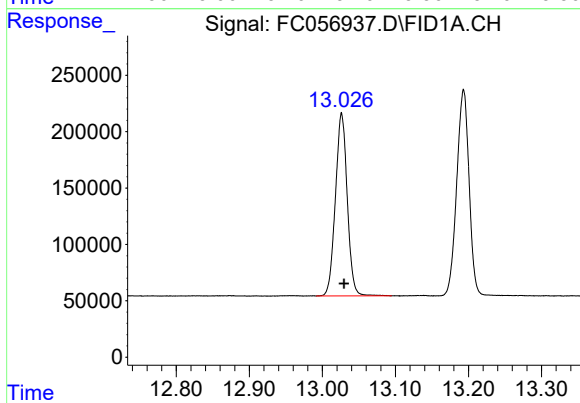
#10 n-Eicosane (C20)

R.T.: 12.582 min
Delta R.T.: -0.002 min
Response: 2130231
Conc: 19.92 ug/ml



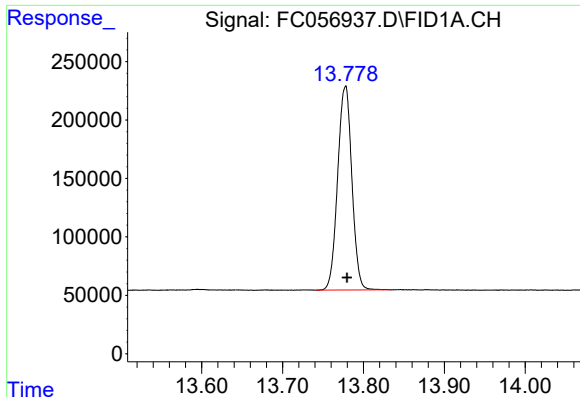
#11 n-Heneicosane (C21)

R.T.: 13.193 min
Delta R.T.: -0.002 min
Response: 2149428
Conc: 19.85 ug/ml



#12 1-chlorooctadecane (SURR)

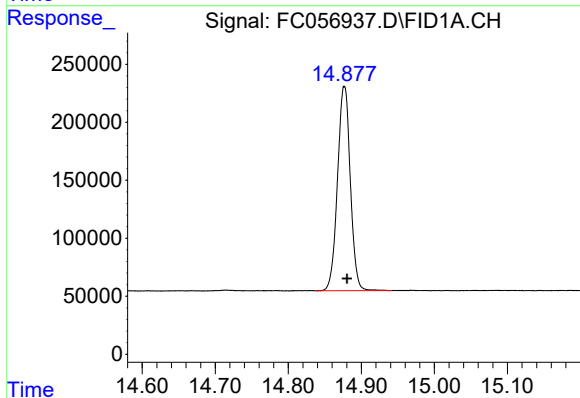
R.T.: 13.026 min
Delta R.T.: -0.003 min
Response: 1822604
Conc: 20.02 ug/ml



#13 n-Docosane (C22)

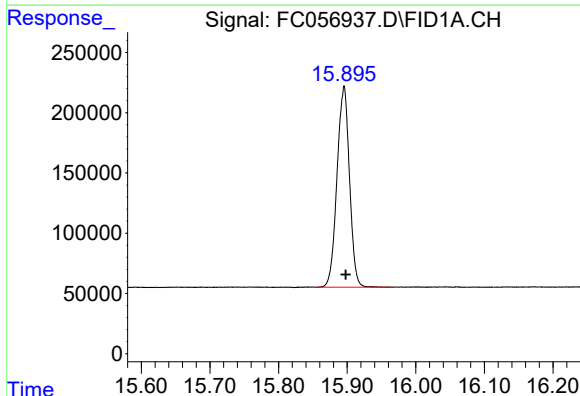
R.T.: 13.777 min
Delta R.T.: -0.002 min
Response: 2130445
Conc: 19.89 ug/ml

Instrument :
FID_C
ClientSampleId :



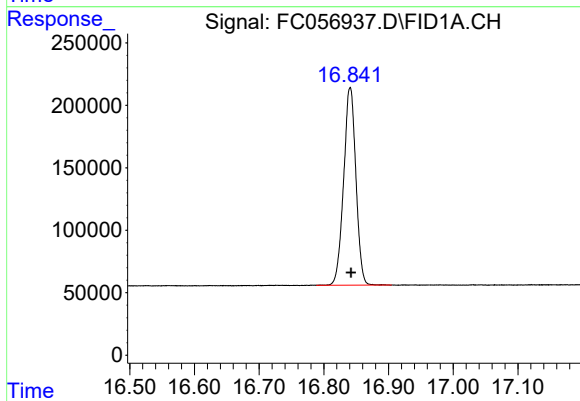
#14 n-Tetracosane (C24)

R.T.: 14.877 min
Delta R.T.: -0.004 min
Response: 2149366
Conc: 19.85 ug/ml



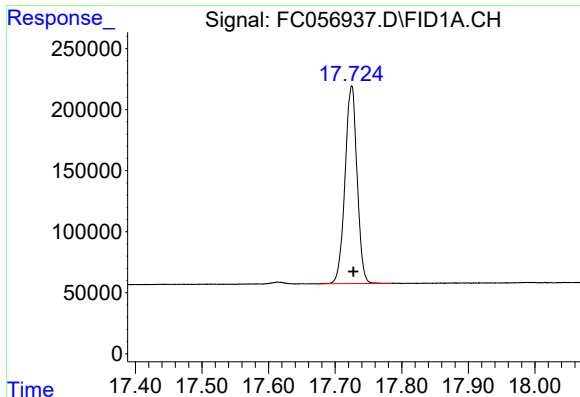
#15 n-Hexacosane (C26)

R.T.: 15.895 min
Delta R.T.: -0.003 min
Response: 2101777
Conc: 19.73 ug/ml



#16 n-Octacosane (C28)

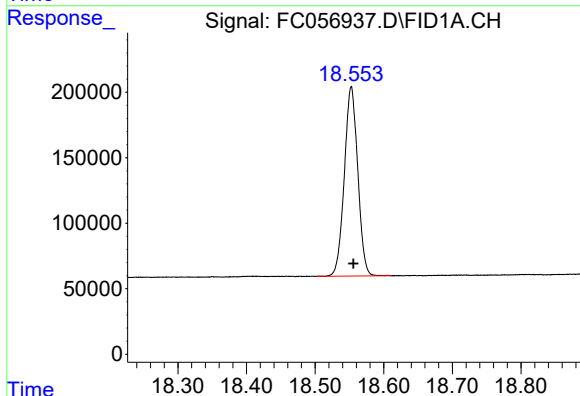
R.T.: 16.841 min
Delta R.T.: -0.001 min
Response: 2079959
Conc: 19.50 ug/ml



#17 n-Tricontane (C30)

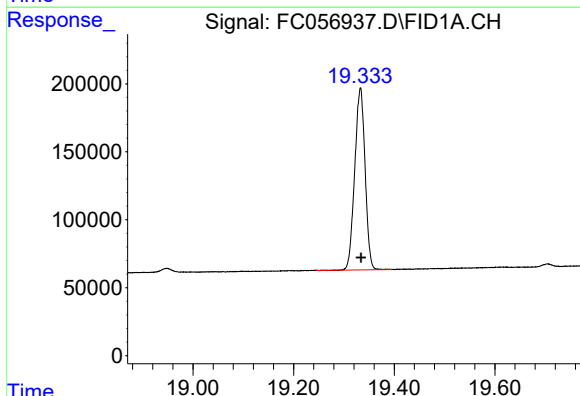
R.T.: 17.724 min
Delta R.T.: -0.003 min
Response: 2038295
Conc: 19.12 ug/ml

Instrument :
FID_C
ClientSampleId :



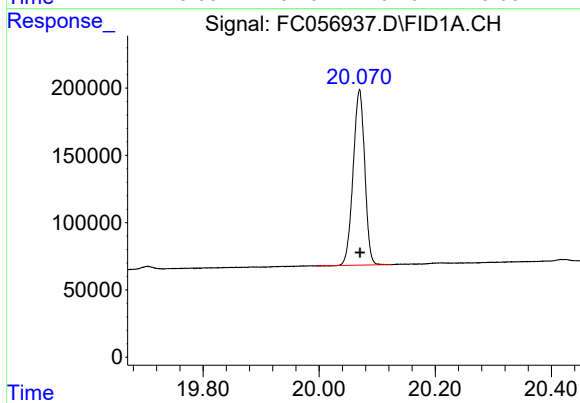
#18 n-Dotriacontane (C32)

R.T.: 18.553 min
Delta R.T.: -0.003 min
Response: 1965478
Conc: 18.63 ug/ml



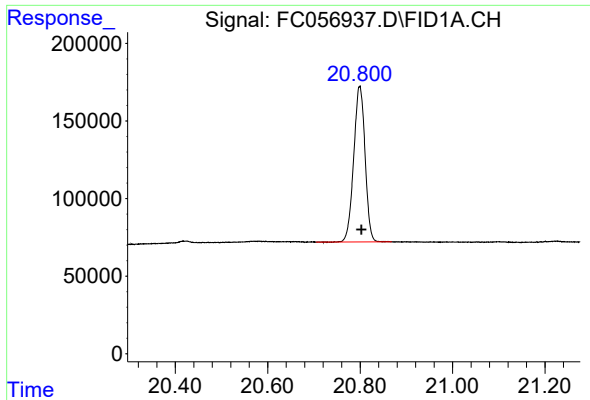
#19 n-Tetratriacontane (C34)

R.T.: 19.333 min
Delta R.T.: -0.002 min
Response: 1911455
Conc: 18.40 ug/ml



#20 n-Hexatriacontane (C36)

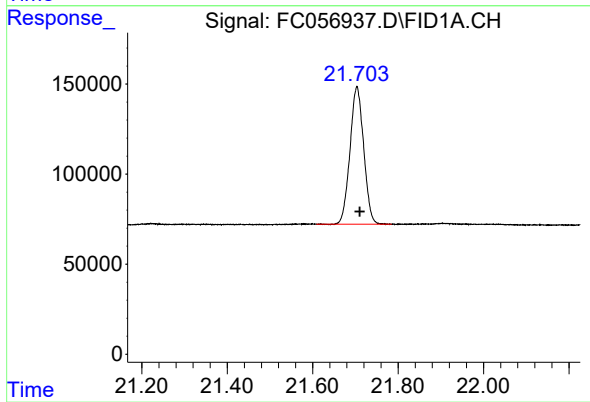
R.T.: 20.069 min
Delta R.T.: -0.001 min
Response: 1803773
Conc: 17.86 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.799 min
Delta R.T.: -0.004 min
Response: 1708515
Conc: 18.61 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.703 min
Delta R.T.: -0.007 min
Response: 1699547
Conc: 18.87 ug/ml