

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030421AL\
 Data File : FC052247.D
 Signal(s) : FID1A.CH
 Acq On : 05 Mar 2021 11:36
 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: Mar 05 12:01:33 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 030321.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 04 03:56:17 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)	11.617	2506914	19.010 ug/ml
Spiked Amount 50.000		Recovery =	38.02%
12) S 1-chlorooctadecane (S...	13.056	1969272	18.935 ug/ml
Spiked Amount 50.000		Recovery =	37.87%
Target Compounds			
1) T n-Nonane (C9)	3.357	2312265	19.616 ug/ml
2) T n-Decane (C10)	4.426	2341872	19.718 ug/ml
3) T A~Naphthalene (C11.7)	6.017	2626552	19.782 ug/ml
4) T n-Dodecane (C12)	6.450	2391683	19.784 ug/ml
5) T A~2-methylnaphthalene...	7.077	2684201	19.775 ug/ml
6) T n-Tetradecane (C14)	8.249	2395223	19.756 ug/ml
7) T n-Hexadecane (C16)	9.854	2351248	19.651 ug/ml
8) T n-Octadecane (C18)	11.298	2409841	19.468 ug/ml
10) T n-Eicosane (C20)	12.609	2367260	19.212 ug/ml
11) T n-Heneicosane (C21)	13.223	2324247	19.040 ug/ml
13) T n-Docosane (C22)	13.809	2272621	18.888 ug/ml
14) T n-Tetracosane (C24)	14.913	2167668	18.593 ug/ml
15) T n-Hexacosane (C26)	15.935	2024364	18.428 ug/ml
16) T n-Octacosane (C28)	16.885	1891532	18.454 ug/ml
17) T n-Tricontane (C30)	17.774	1756933	18.663 ug/ml
18) T n-Dotriacontane (C32)	18.607	1633246	19.129 ug/ml
19) T n-Tetratriacontane (C34)	19.391	1530911	19.747 ug/ml
20) T n-Hexatriacontane (C36)	20.130	1512919	21.055 ug/ml
21) T n-Octatriacontane (C38)	20.876	1394368	20.355 ug/ml
22) T n-Tetracontane (C40)	21.801	1503732	20.911 ug/ml

(f)=RT Delta > 1/2 Window

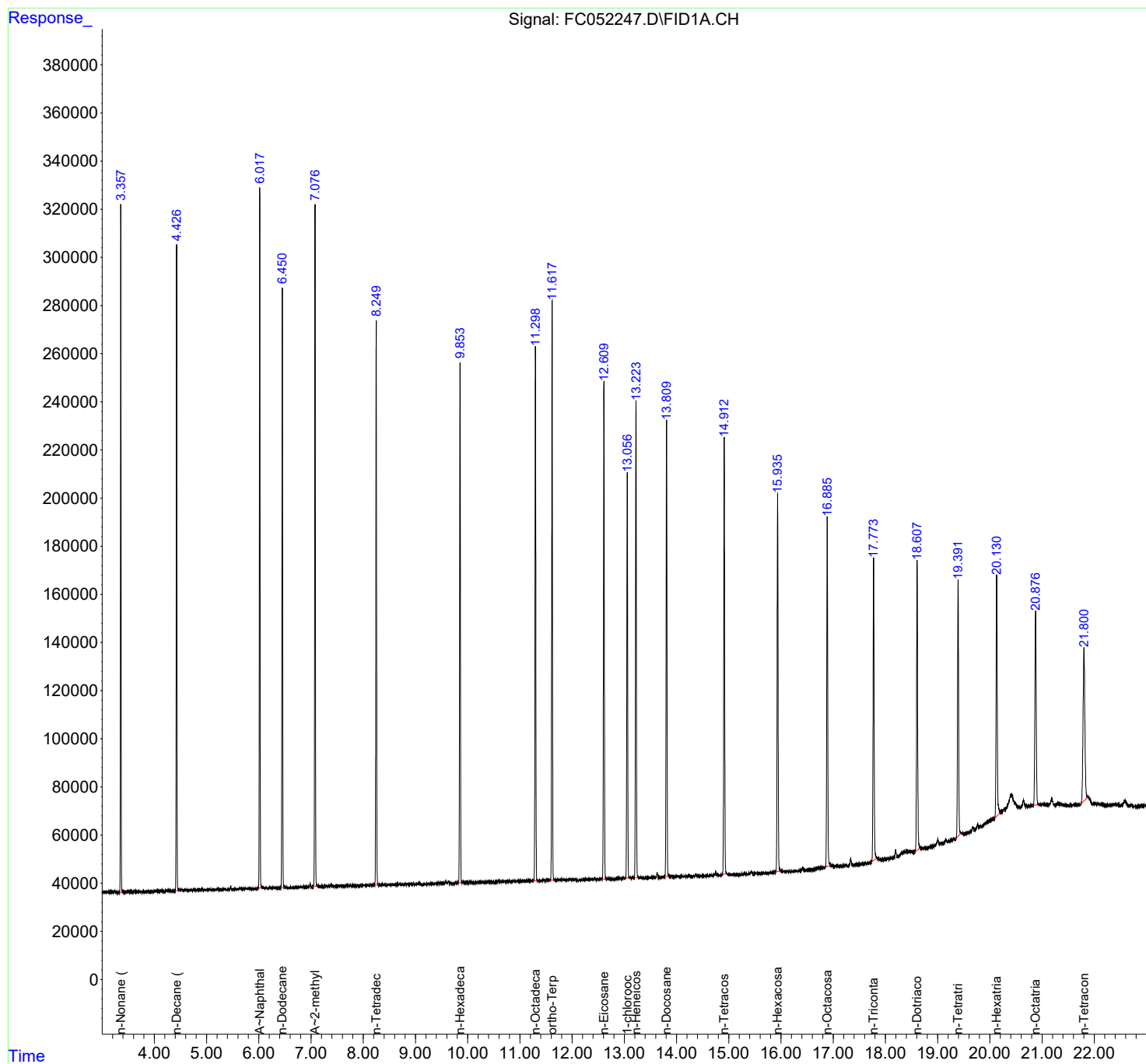
(m)=manual int.

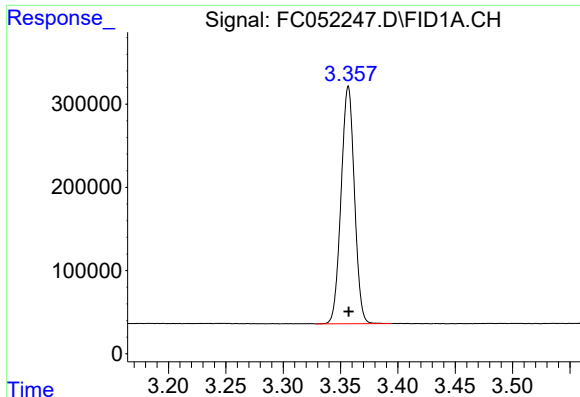
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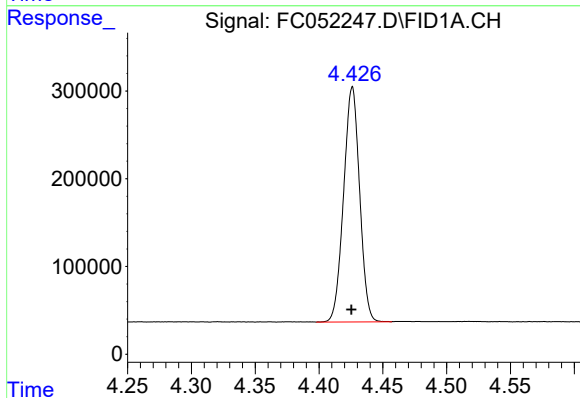




#1 n-Nonane (C9)

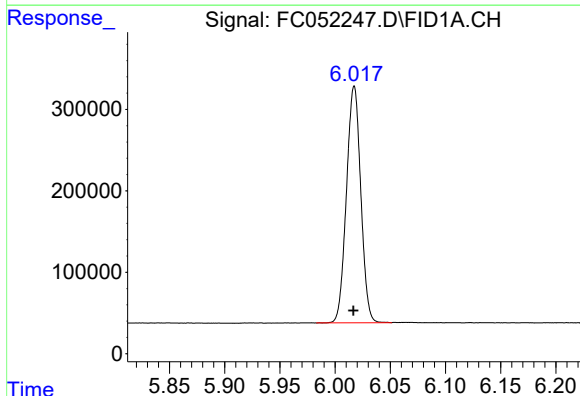
R.T.: 3.357 min
Delta R.T.: 0.000 min
Response: 2312265
Conc: 19.62 ug/ml

Instrument :
FID_C
ClientSampleId :



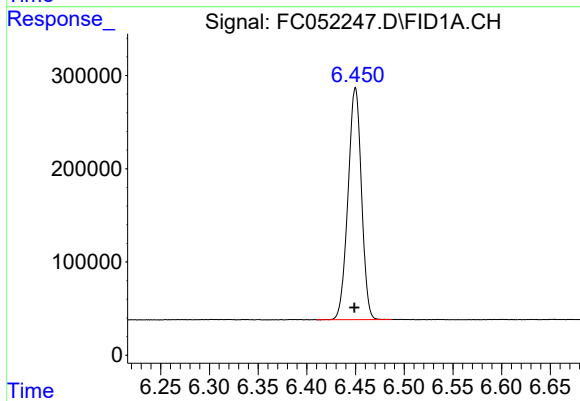
#2 n-Decane (C10)

R.T.: 4.426 min
Delta R.T.: 0.000 min
Response: 2341872
Conc: 19.72 ug/ml



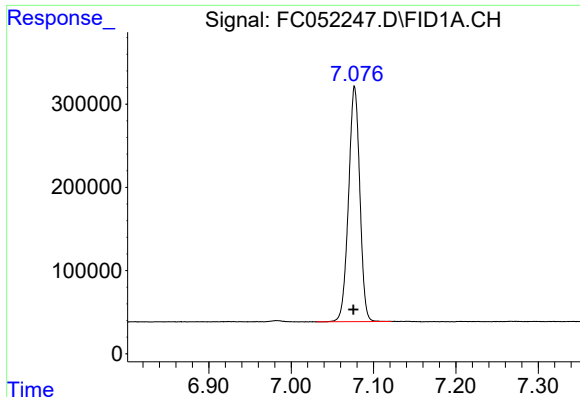
#3 A~Naphthalene (C11.7)

R.T.: 6.017 min
Delta R.T.: 0.000 min
Response: 2626552
Conc: 19.78 ug/ml



#4 n-Dodecane (C12)

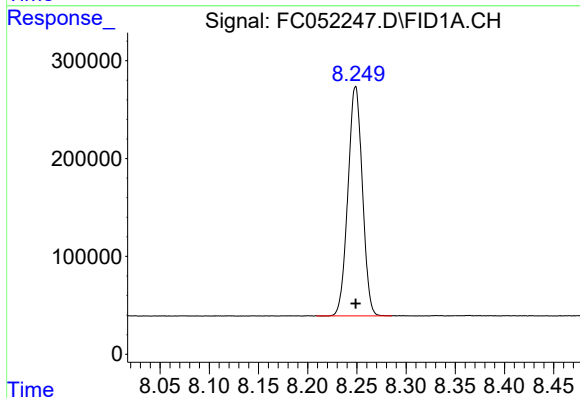
R.T.: 6.450 min
Delta R.T.: 0.001 min
Response: 2391683
Conc: 19.78 ug/ml



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

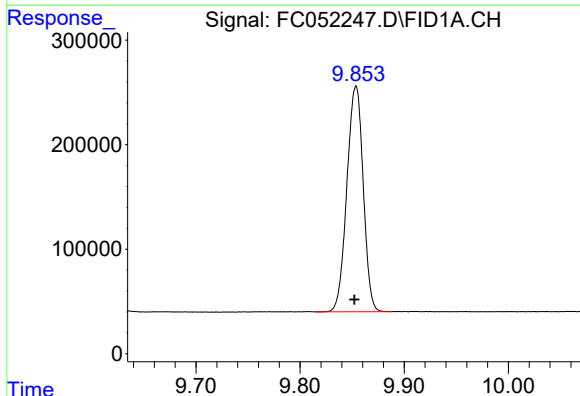
R.T.: 7.077 min
Delta R.T.: 0.002 min
Response: 2684201
Conc: 19.78 ug/ml

Instrument :
FID_C
ClientSampleId :



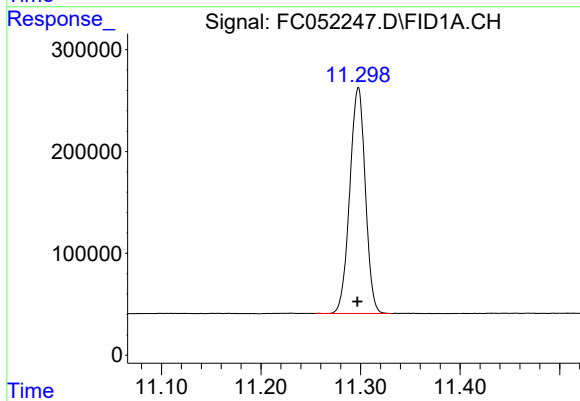
#6 n-Tetradecane (C14)

R.T.: 8.249 min
Delta R.T.: 0.000 min
Response: 2395223
Conc: 19.76 ug/ml



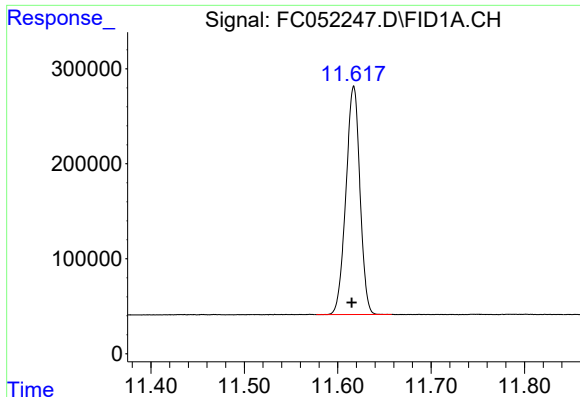
#7 n-Hexadecane (C16)

R.T.: 9.854 min
Delta R.T.: 0.002 min
Response: 2351248
Conc: 19.65 ug/ml



#8 n-Octadecane (C18)

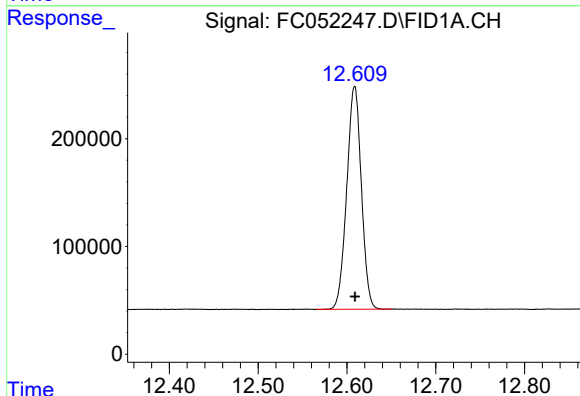
R.T.: 11.298 min
Delta R.T.: 0.001 min
Response: 2409841
Conc: 19.47 ug/ml



#9 ortho-Terphenyl (SURR)

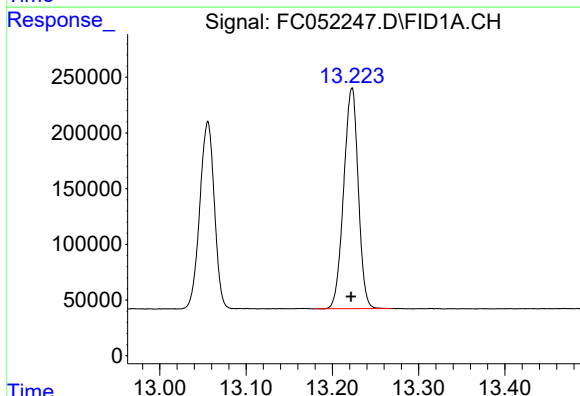
R.T.: 11.617 min
Delta R.T.: 0.002 min
Response: 2506914
Conc: 19.01 ug/ml

Instrument :
FID_C
ClientSampleId :



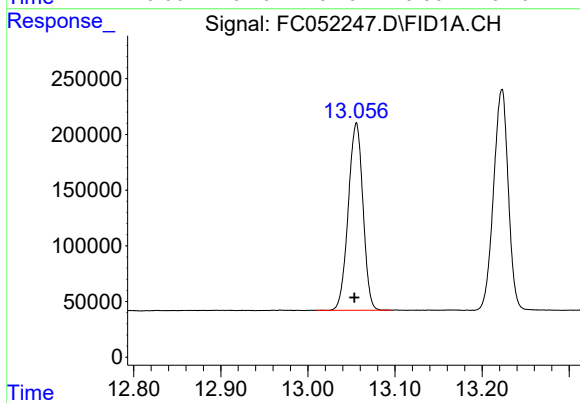
#10 n-Eicosane (C20)

R.T.: 12.609 min
Delta R.T.: 0.000 min
Response: 2367260
Conc: 19.21 ug/ml



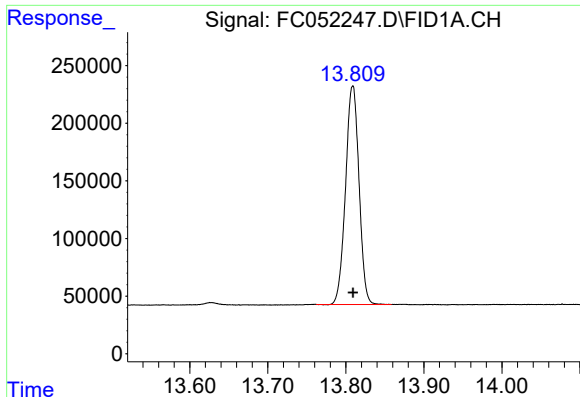
#11 n-Heneicosane (C21)

R.T.: 13.223 min
Delta R.T.: 0.001 min
Response: 2324247
Conc: 19.04 ug/ml



#12 1-chlorooctadecane (SURR)

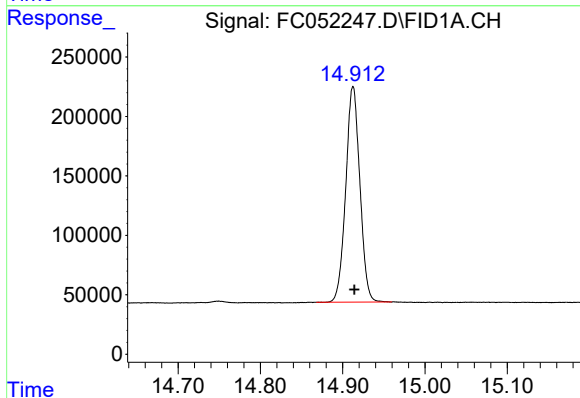
R.T.: 13.056 min
Delta R.T.: 0.002 min
Response: 1969272
Conc: 18.94 ug/ml



#13 n-Docosane (C22)

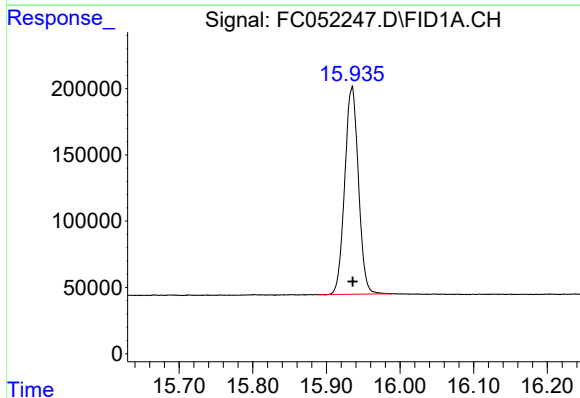
R.T.: 13.809 min
Delta R.T.: 0.000 min
Response: 2272621
Conc: 18.89 ug/ml

Instrument :
FID_C
ClientSampleId :



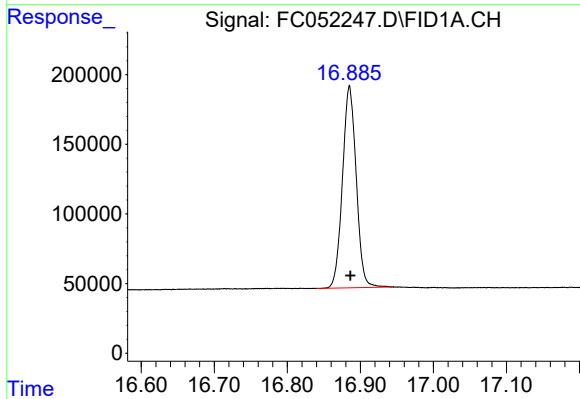
#14 n-Tetracosane (C24)

R.T.: 14.913 min
Delta R.T.: -0.002 min
Response: 2167668
Conc: 18.59 ug/ml



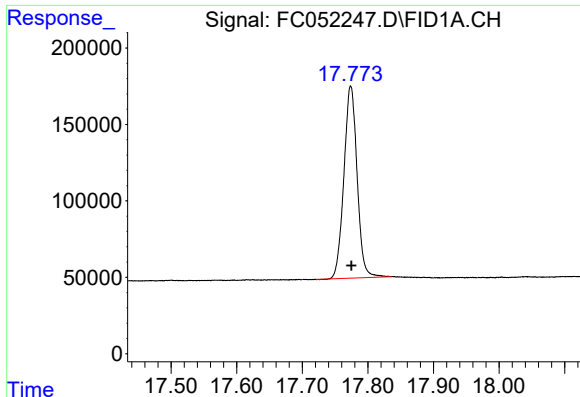
#15 n-Hexacosane (C26)

R.T.: 15.935 min
Delta R.T.: 0.000 min
Response: 2024364
Conc: 18.43 ug/ml



#16 n-Octacosane (C28)

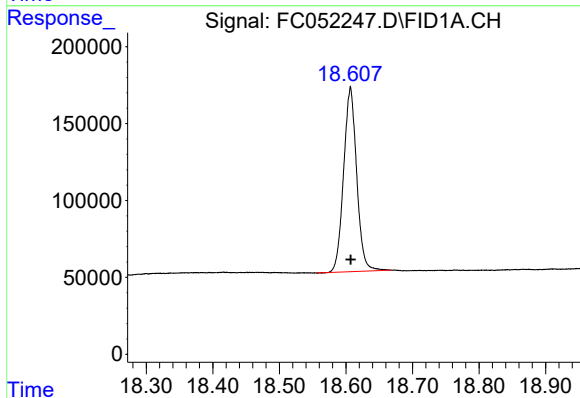
R.T.: 16.885 min
Delta R.T.: -0.001 min
Response: 1891532
Conc: 18.45 ug/ml



#17 n-Tricontane (C30)

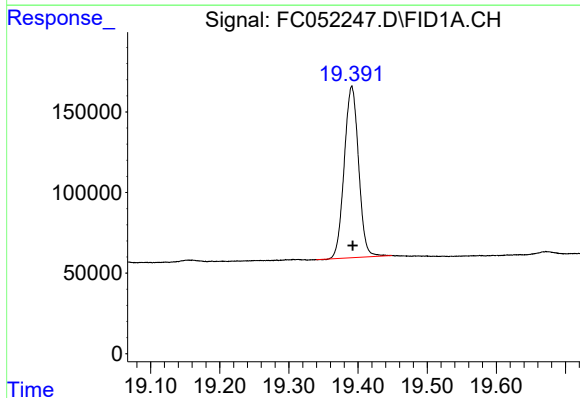
R.T.: 17.774 min
Delta R.T.: 0.000 min
Response: 1756933
Conc: 18.66 ug/ml

Instrument :
FID_C
ClientSampleId :



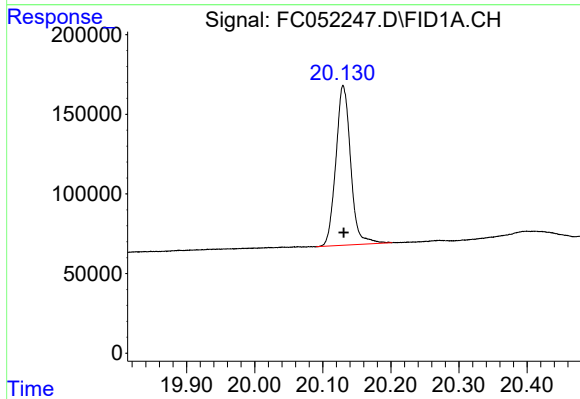
#18 n-Dotriacontane (C32)

R.T.: 18.607 min
Delta R.T.: 0.000 min
Response: 1633246
Conc: 19.13 ug/ml



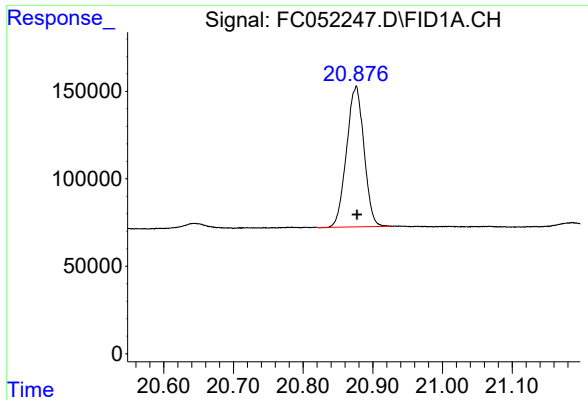
#19 n-Tetratriacontane (C34)

R.T.: 19.391 min
Delta R.T.: -0.001 min
Response: 1530911
Conc: 19.75 ug/ml



#20 n-Hexatriacontane (C36)

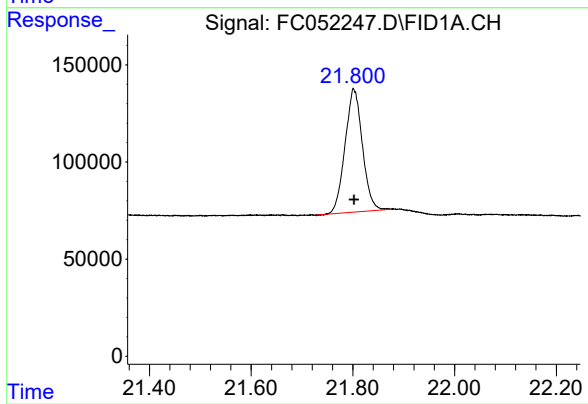
R.T.: 20.130 min
Delta R.T.: 0.000 min
Response: 1512919
Conc: 21.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.876 min
Delta R.T.: -0.001 min
Response: 1394368
Conc: 20.36 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.801 min
Delta R.T.: -0.001 min
Response: 1503732
Conc: 20.91 ug/ml