

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032521AL\
 Data File : FC052752.D
 Signal(s) : FID1A.CH
 Acq On : 26 Mar 2021 13:17
 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 26 13:42:17 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 031721.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 17 03:47:28 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)	11.566	2625115	19.584 ug/ml
Spiked Amount 50.000		Recovery =	39.17%
12) S 1-chlorooctadecane (S...	13.004	2043566	18.947 ug/ml
Spiked Amount 50.000		Recovery =	37.89%
Target Compounds			
1) T n-Nonane (C9)	3.325	2545304	21.914 ug/ml
2) T n-Decane (C10)	4.390	2591439	22.114 ug/ml
3) T A~Naphthalene (C11.7)	5.975	2868109	21.906 ug/ml
4) T n-Dodecane (C12)	6.409	2644920	22.029 ug/ml
5) T A~2-methylnaphthalene...	7.033	2909910	21.739 ug/ml
6) T n-Tetradecane (C14)	8.206	2634807	21.785 ug/ml
7) T n-Hexadecane (C16)	9.807	2546214	21.171 ug/ml
8) T n-Octadecane (C18)	11.250	2575632	20.414 ug/ml
10) T n-Eicosane (C20)	12.560	2481949	19.437 ug/ml
11) T n-Heneicosane (C21)	13.171	2418090	19.024 ug/ml
13) T n-Docosane (C22)	13.757	2348389	18.538 ug/ml
14) T n-Tetracosane (C24)	14.859	2223149	17.796 ug/ml
15) T n-Hexacosane (C26)	15.881	2095006	17.399 ug/ml
16) T n-Octacosane (C28)	16.831	2024440	17.559 ug/ml
17) T n-Tricontane (C30)	17.718	1989258	18.258 ug/ml
18) T n-Dotriacontane (C32)	18.549	1949539	19.430 ug/ml
19) T n-Tetratriacontane (C34)	19.332	1951780	21.234 ug/ml
20) T n-Hexatriacontane (C36)	20.073	1932412	21.192 ug/ml
21) T n-Octatriacontane (C38)	20.805	1875666	22.982 ug/ml
22) T n-Tetracontane (C40)	21.714	1974138	22.918 ug/ml

(f)=RT Delta > 1/2 Window

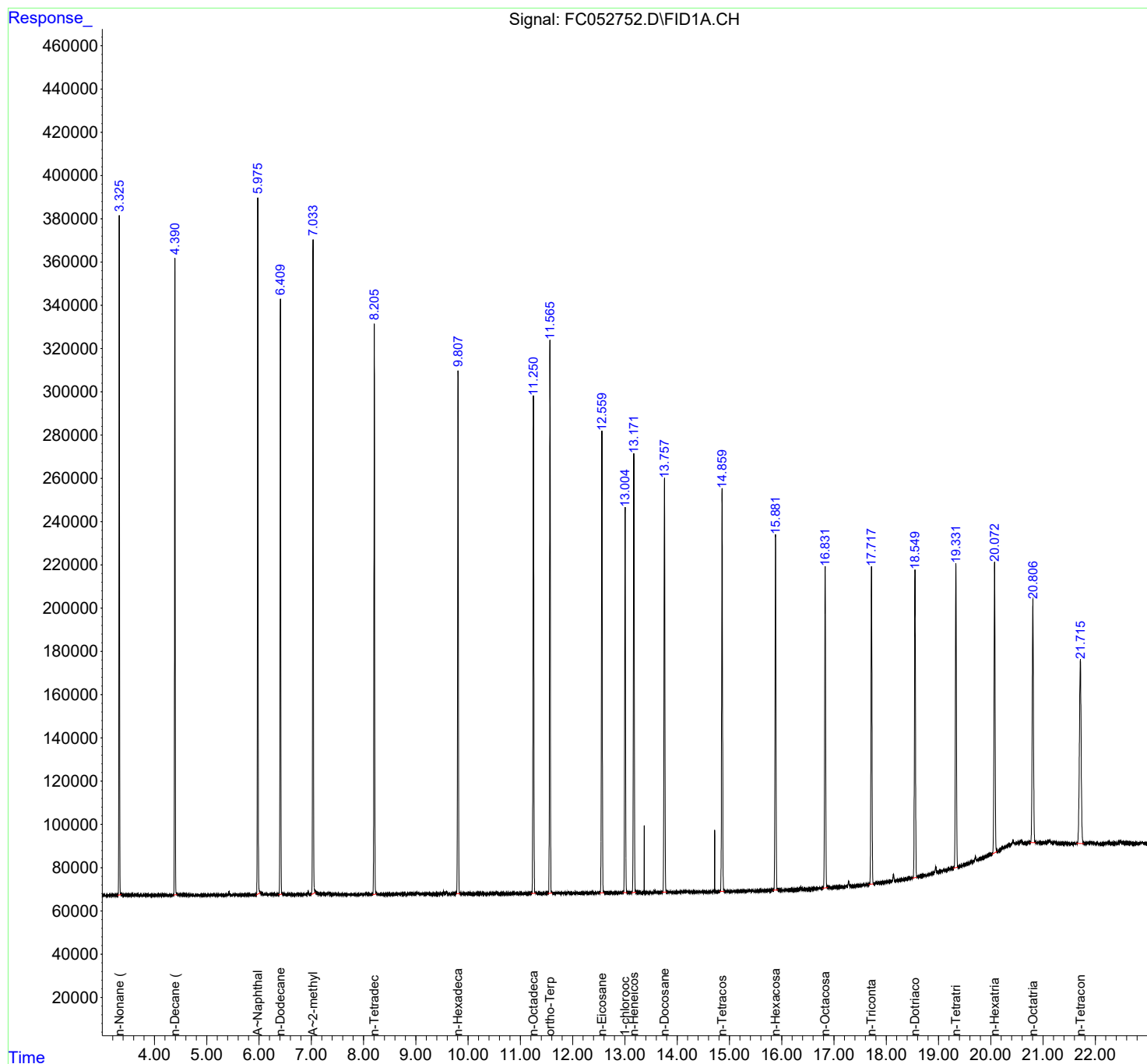
(m)=manual int.

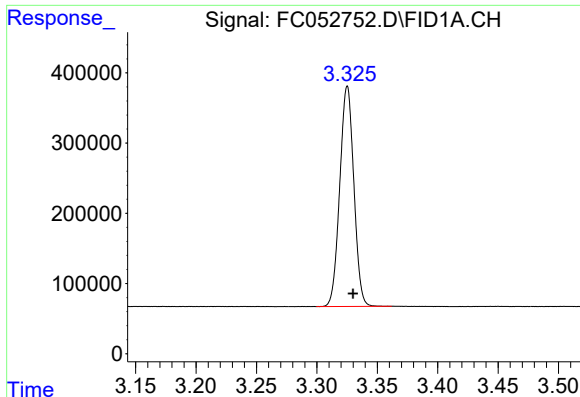
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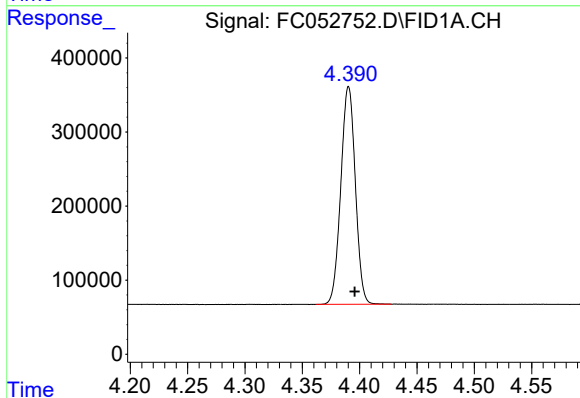




#1 n-Nonane (C9)

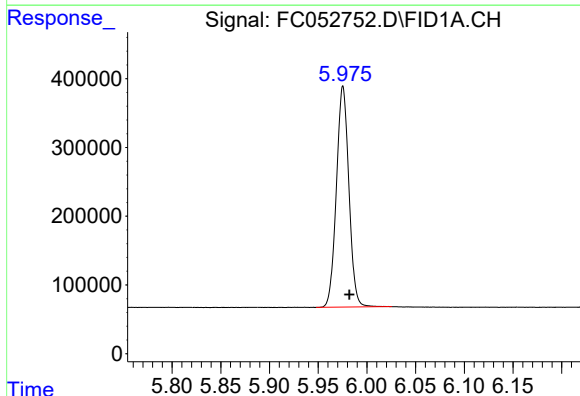
R.T.: 3.325 min
Delta R.T.: -0.005 min
Response: 2545304
Conc: 21.91 ug/ml

Instrument :
FID_C
ClientSampleId :



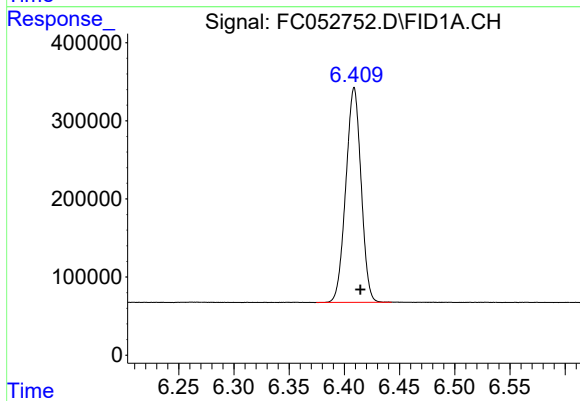
#2 n-Decane (C10)

R.T.: 4.390 min
Delta R.T.: -0.005 min
Response: 2591439
Conc: 22.11 ug/ml



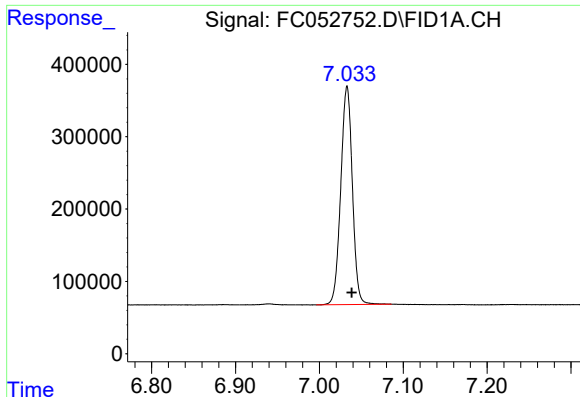
#3 A~Naphthalene (C11.7)

R.T.: 5.975 min
Delta R.T.: -0.007 min
Response: 2868109
Conc: 21.91 ug/ml



#4 n-Dodecane (C12)

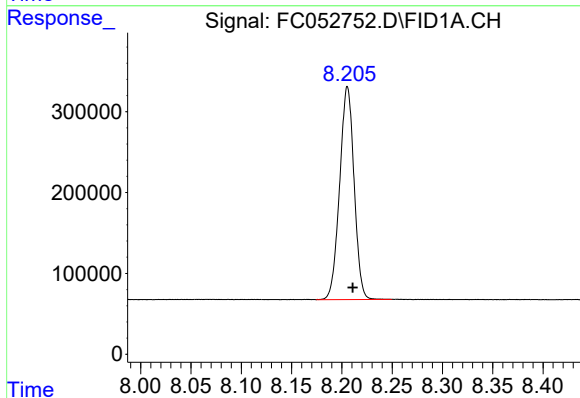
R.T.: 6.409 min
Delta R.T.: -0.006 min
Response: 2644920
Conc: 22.03 ug/ml



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

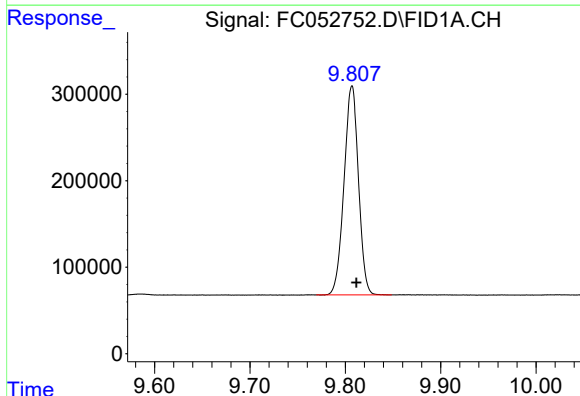
R.T.: 7.033 min
Delta R.T.: -0.006 min
Response: 2909910
Conc: 21.74 ug/ml

Instrument :
FID_C
ClientSampleId :



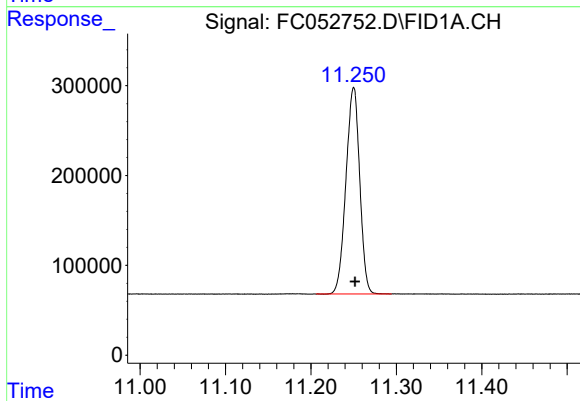
#6 n-Tetradecane (C14)

R.T.: 8.206 min
Delta R.T.: -0.005 min
Response: 2634807
Conc: 21.78 ug/ml



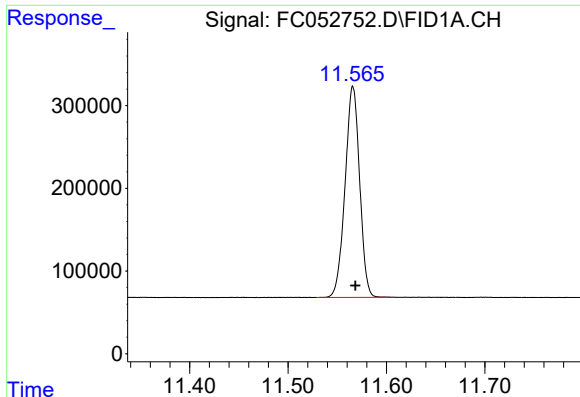
#7 n-Hexadecane (C16)

R.T.: 9.807 min
Delta R.T.: -0.005 min
Response: 2546214
Conc: 21.17 ug/ml



#8 n-Octadecane (C18)

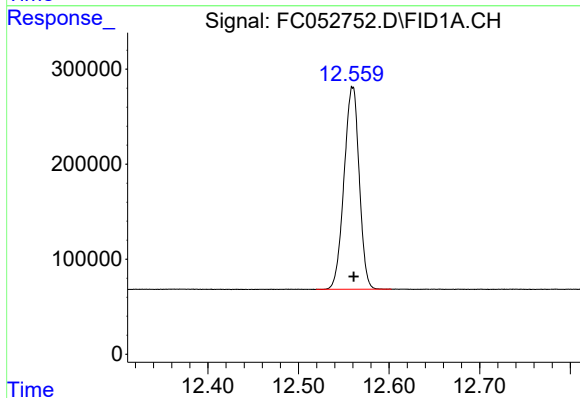
R.T.: 11.250 min
Delta R.T.: -0.002 min
Response: 2575632
Conc: 20.41 ug/ml



#9 ortho-Terphenyl (SURR)

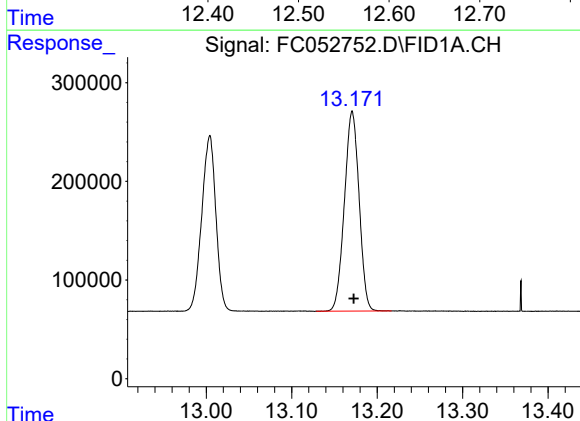
R.T.: 11.566 min
Delta R.T.: -0.002 min
Response: 2625115
Conc: 19.58 ug/ml

Instrument :
FID_C
ClientSampleId :



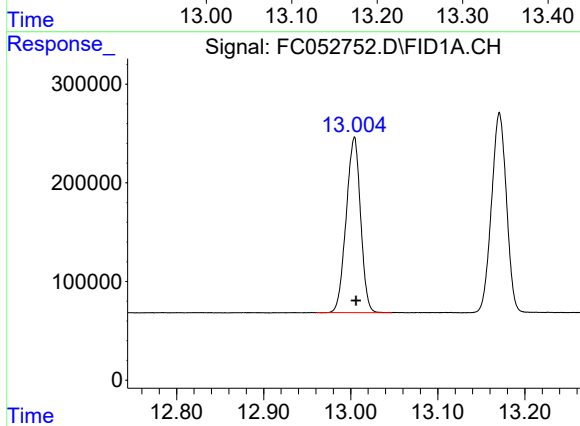
#10 n-Eicosane (C20)

R.T.: 12.560 min
Delta R.T.: -0.001 min
Response: 2481949
Conc: 19.44 ug/ml



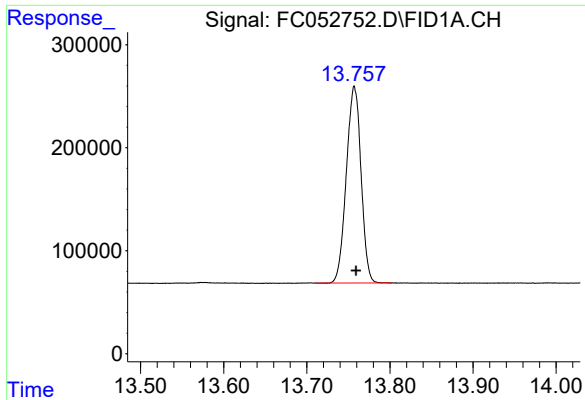
#11 n-Heneicosane (C21)

R.T.: 13.171 min
Delta R.T.: -0.002 min
Response: 2418090
Conc: 19.02 ug/ml



#12 1-chlorooctadecane (SURR)

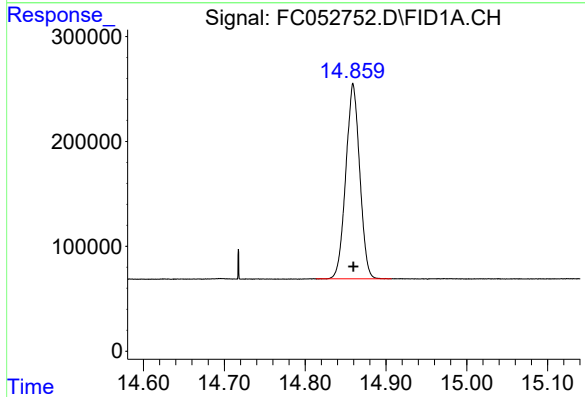
R.T.: 13.004 min
Delta R.T.: -0.002 min
Response: 2043566
Conc: 18.95 ug/ml



#13 n-Docosane (C22)

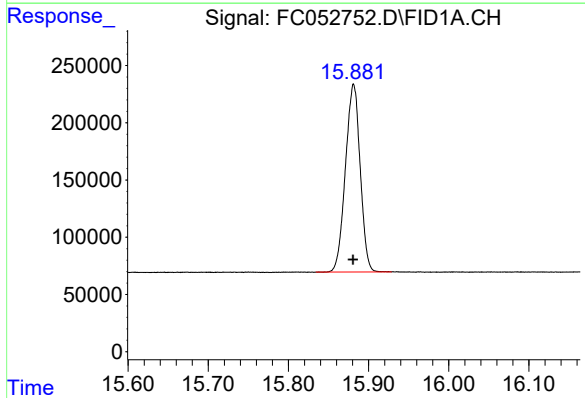
R.T.: 13.757 min
Delta R.T.: -0.002 min
Response: 2348389
Conc: 18.54 ug/ml

Instrument :
FID_C
ClientSampleId :



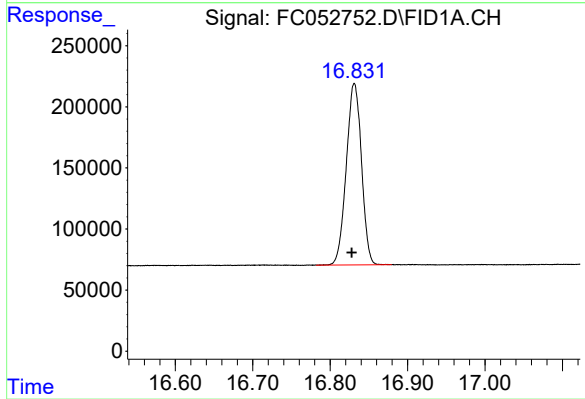
#14 n-Tetracosane (C24)

R.T.: 14.859 min
Delta R.T.: 0.000 min
Response: 2223149
Conc: 17.80 ug/ml



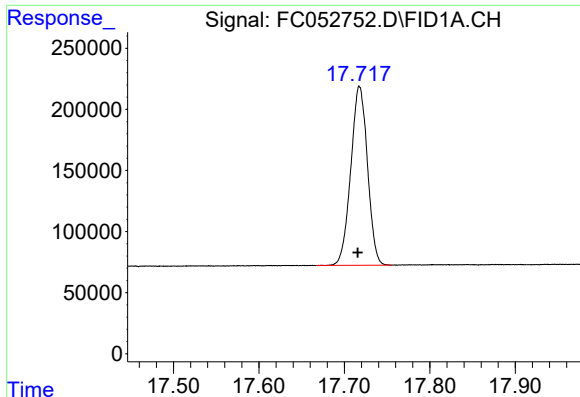
#15 n-Hexacosane (C26)

R.T.: 15.881 min
Delta R.T.: 0.000 min
Response: 2095006
Conc: 17.40 ug/ml



#16 n-Octacosane (C28)

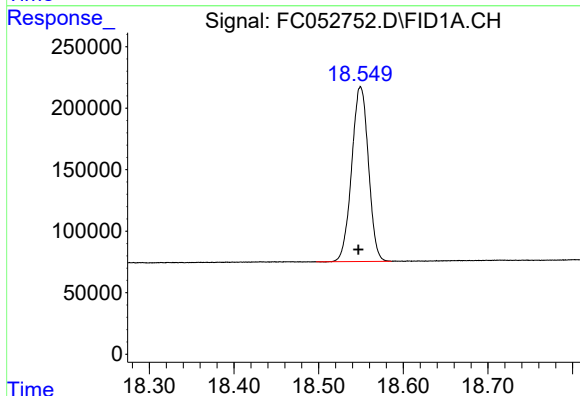
R.T.: 16.831 min
Delta R.T.: 0.003 min
Response: 2024440
Conc: 17.56 ug/ml



#17 n-Tricontane (C30)

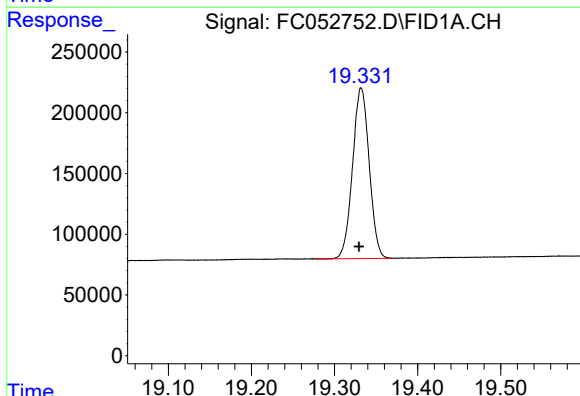
R.T.: 17.718 min
Delta R.T.: 0.002 min
Response: 1989258
Conc: 18.26 ug/ml

Instrument :
FID_C
ClientSampleId :



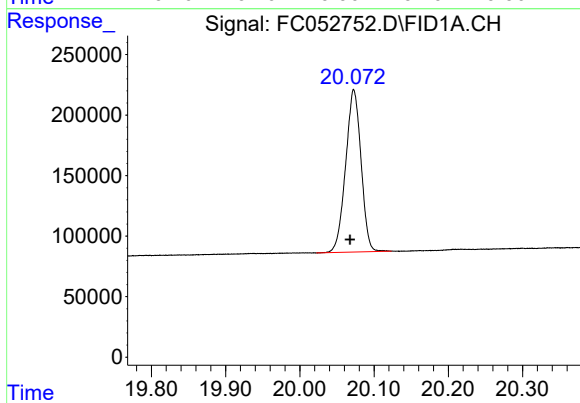
#18 n-Dotriacontane (C32)

R.T.: 18.549 min
Delta R.T.: 0.002 min
Response: 1949539
Conc: 19.43 ug/ml



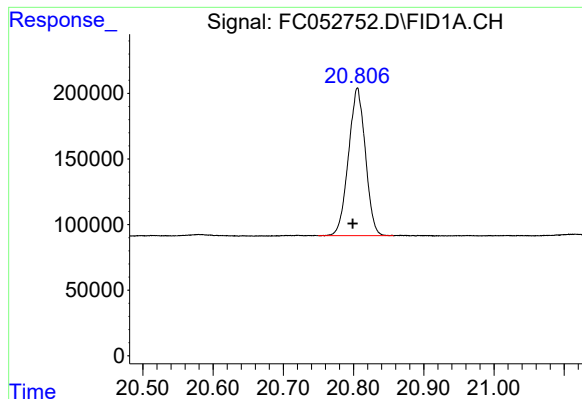
#19 n-Tetratriacontane (C34)

R.T.: 19.332 min
Delta R.T.: 0.003 min
Response: 1951780
Conc: 21.23 ug/ml



#20 n-Hexatriacontane (C36)

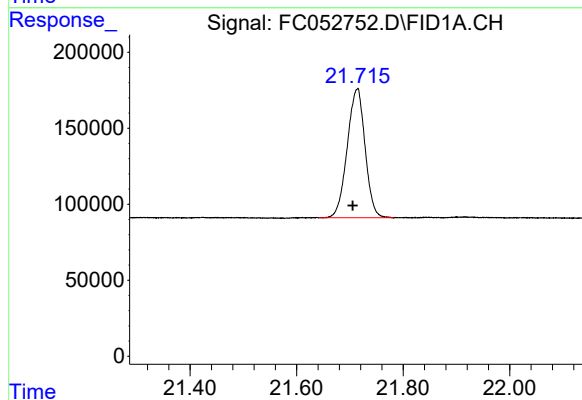
R.T.: 20.073 min
Delta R.T.: 0.005 min
Response: 1932412
Conc: 21.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.805 min
Delta R.T.: 0.006 min
Response: 1875666
Conc: 22.98 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.714 min
Delta R.T.: 0.009 min
Response: 1974138
Conc: 22.92 ug/ml