

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031721AL\
 Data File : FC052473.D
 Signal(s) : FID1A.CH
 Acq On : 17 Mar 2021 16:04
 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 18 03:37:24 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)	11.568	2830141	21.114 ug/ml
Spiked Amount 50.000		Recovery =	42.23%
12) S 1-chlorooctadecane (S...	13.005	2277599	21.117 ug/ml
Spiked Amount 50.000		Recovery =	42.23%
Target Compounds			
1) T n-Nonane (C9)	3.329	2460581	21.185 ug/ml
2) T n-Decane (C10)	4.394	2496896	21.307 ug/ml
3) T A~Naphthalene (C11.7)	5.979	2778685	21.223 ug/ml
4) T n-Dodecane (C12)	6.413	2570008	21.405 ug/ml
5) T A~2-methylnaphthalene...	7.037	2863491	21.392 ug/ml
6) T n-Tetradecane (C14)	8.210	2587041	21.390 ug/ml
7) T n-Hexadecane (C16)	9.810	2567559	21.348 ug/ml
8) T n-Octadecane (C18)	11.252	2681176	21.251 ug/ml
10) T n-Eicosane (C20)	12.560	2693181	21.091 ug/ml
11) T n-Heneicosane (C21)	13.172	2677478	21.065 ug/ml
13) T n-Docosane (C22)	13.758	2663621	21.026 ug/ml
14) T n-Tetracosane (C24)	14.860	2615439	20.937 ug/ml
15) T n-Hexacosane (C26)	15.881	2500235	20.764 ug/ml
16) T n-Octacosane (C28)	16.829	2377520	20.621 ug/ml
17) T n-Tricontane (C30)	17.716	2220247	20.379 ug/ml
18) T n-Dotriacontane (C32)	18.546	2049150	20.422 ug/ml
19) T n-Tetratriacontane (C34)	19.329	1914246	20.825 ug/ml
20) T n-Hexatriacontane (C36)	20.066	1846767	20.252 ug/ml
21) T n-Octatriacontane (C38)	20.799	1725179	21.138 ug/ml
22) T n-Tetracontane (C40)	21.703	1820166	21.130 ug/ml

(f)=RT Delta > 1/2 Window

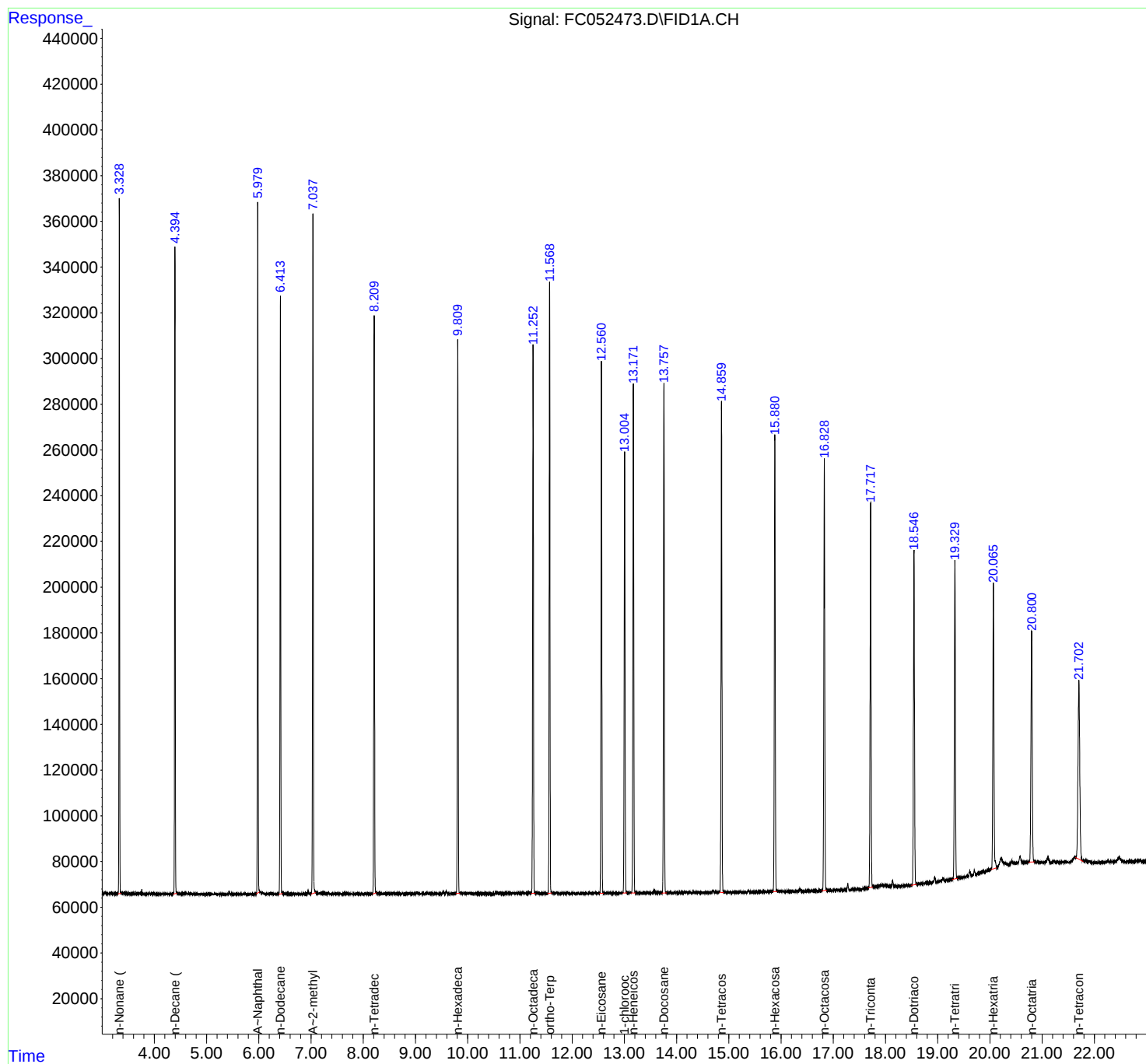
(m)=manual int.

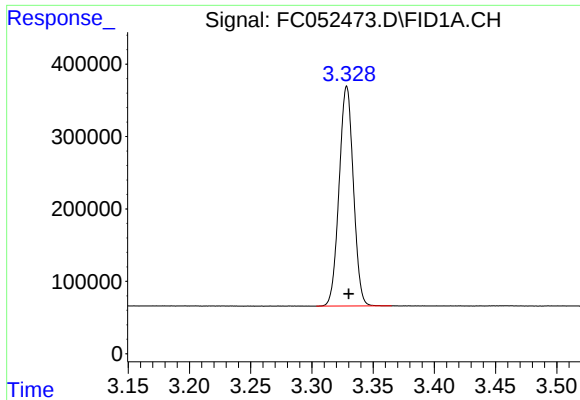
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031721AL\
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Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
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Instrument :
FID_C
ClientSampled :

Integration File: autoint1.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 031721.M
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QLast Update : Wed Mar 17 03:47:28 2021
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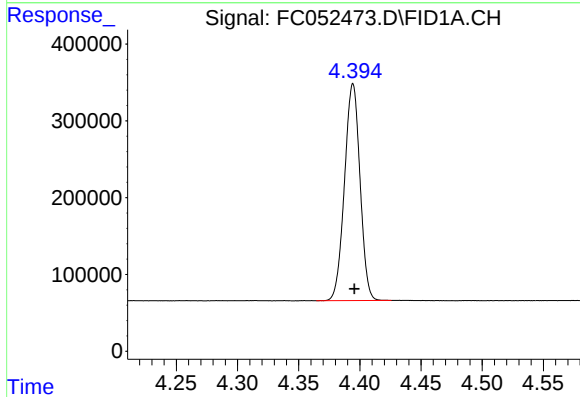




#1 n-Nonane (C9)

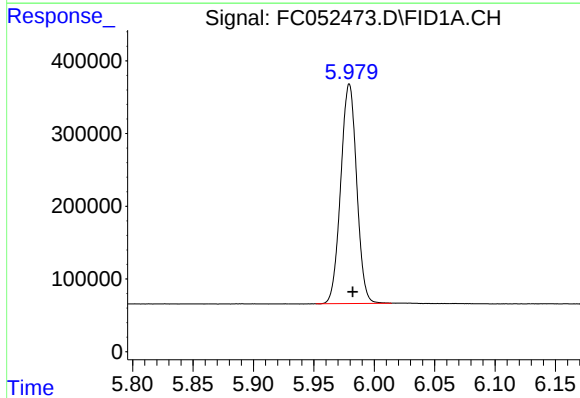
R.T.: 3.329 min
Delta R.T.: -0.001 min
Response: 2460581
Conc: 21.18 ug/ml

Instrument :
FID_C
ClientSampleId :



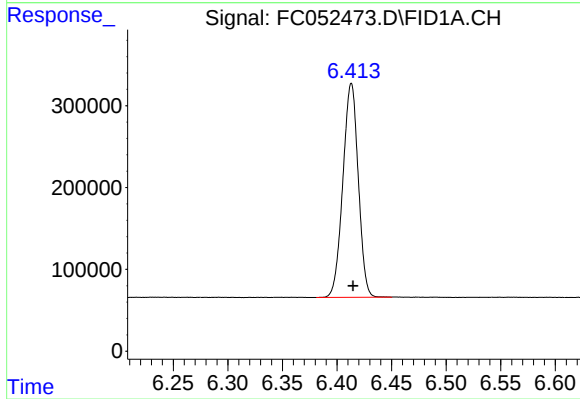
#2 n-Decane (C10)

R.T.: 4.394 min
Delta R.T.: -0.001 min
Response: 2496896
Conc: 21.31 ug/ml



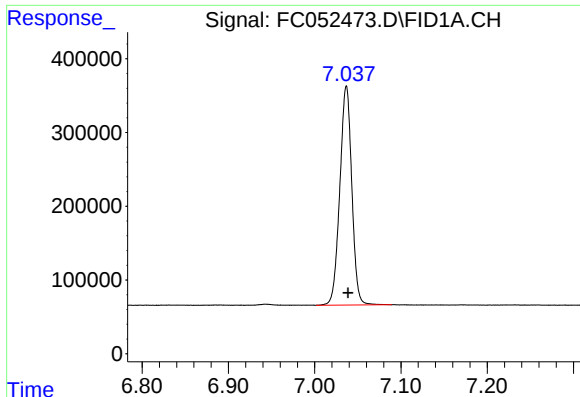
#3 A~Naphthalene (C11.7)

R.T.: 5.979 min
Delta R.T.: -0.003 min
Response: 2778685
Conc: 21.22 ug/ml



#4 n-Dodecane (C12)

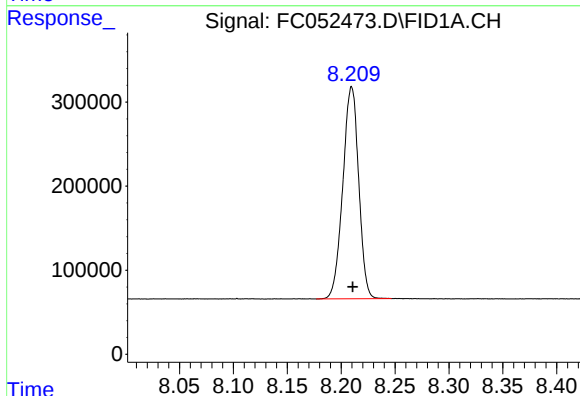
R.T.: 6.413 min
Delta R.T.: -0.001 min
Response: 2570008
Conc: 21.40 ug/ml



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

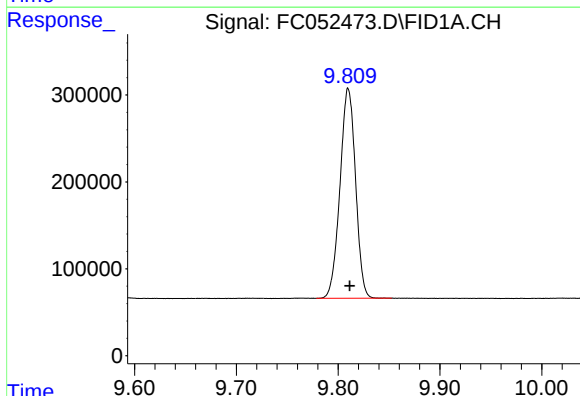
R.T.: 7.037 min
Delta R.T.: -0.002 min
Response: 2863491
Conc: 21.39 ug/ml

Instrument :
FID_C
ClientSampleId :



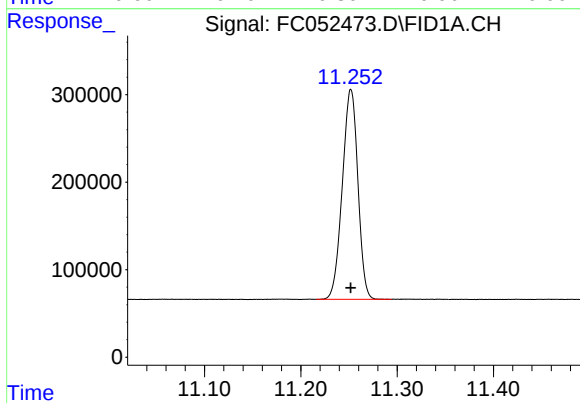
#6 n-Tetradecane (C14)

R.T.: 8.210 min
Delta R.T.: 0.000 min
Response: 2587041
Conc: 21.39 ug/ml



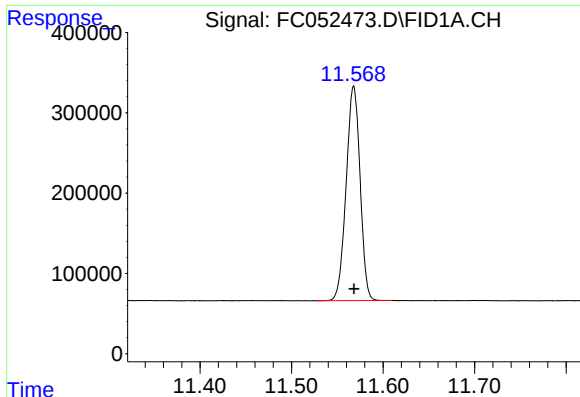
#7 n-Hexadecane (C16)

R.T.: 9.810 min
Delta R.T.: -0.002 min
Response: 2567559
Conc: 21.35 ug/ml



#8 n-Octadecane (C18)

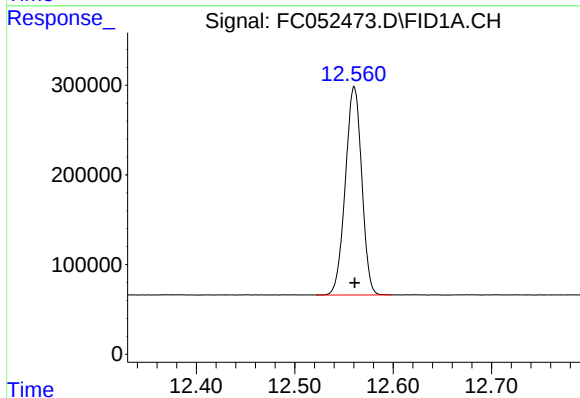
R.T.: 11.252 min
Delta R.T.: 0.000 min
Response: 2681176
Conc: 21.25 ug/ml



#9 ortho-Terphenyl (SURR)

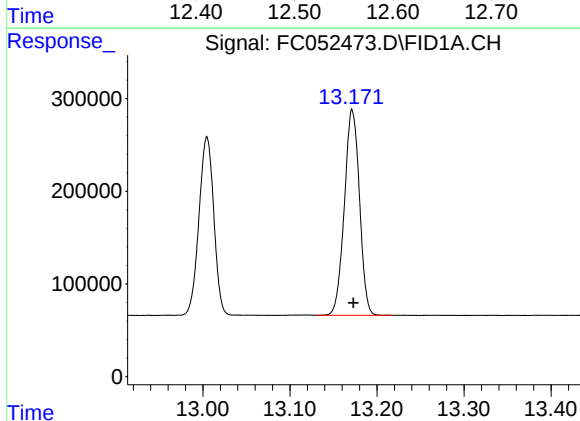
R.T.: 11.568 min
Delta R.T.: 0.000 min
Response: 2830141
Conc: 21.11 ug/ml

Instrument :
FID_C
ClientSampleId :



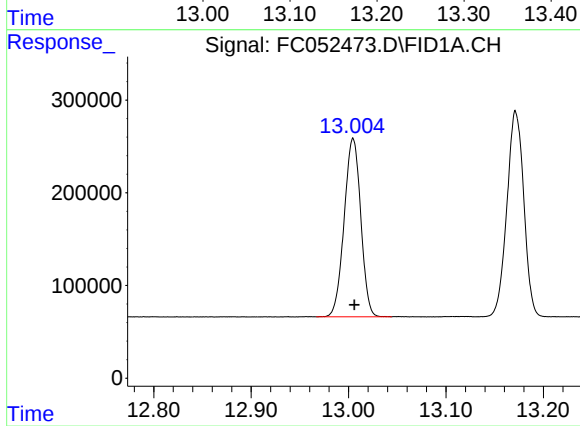
#10 n-Eicosane (C20)

R.T.: 12.560 min
Delta R.T.: 0.000 min
Response: 2693181
Conc: 21.09 ug/ml



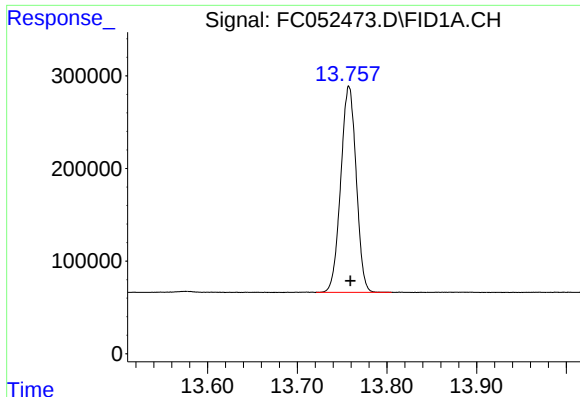
#11 n-Heneicosane (C21)

R.T.: 13.172 min
Delta R.T.: -0.001 min
Response: 2677478
Conc: 21.06 ug/ml



#12 1-chlorooctadecane (SURR)

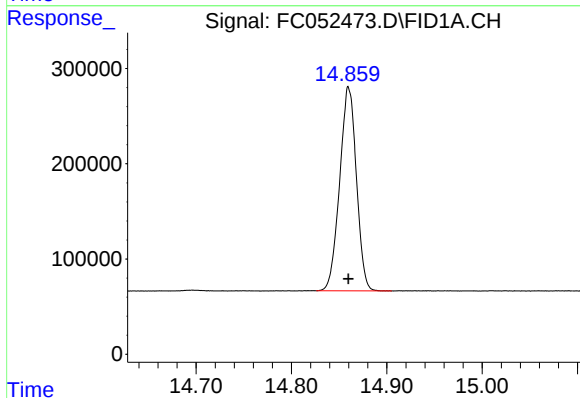
R.T.: 13.005 min
Delta R.T.: -0.001 min
Response: 2277599
Conc: 21.12 ug/ml



#13 n-Docosane (C22)

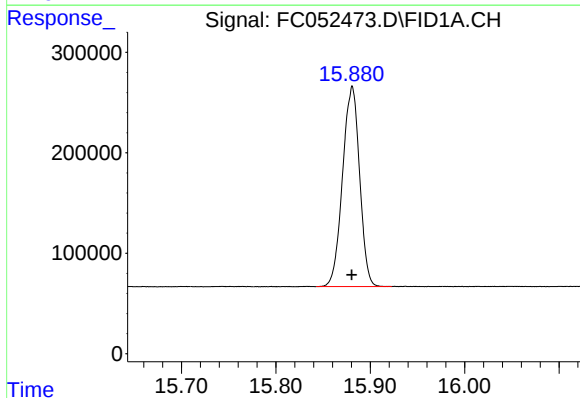
R.T.: 13.758 min
Delta R.T.: -0.002 min
Response: 2663621
Conc: 21.03 ug/ml

Instrument :
FID_C
ClientSampleId :



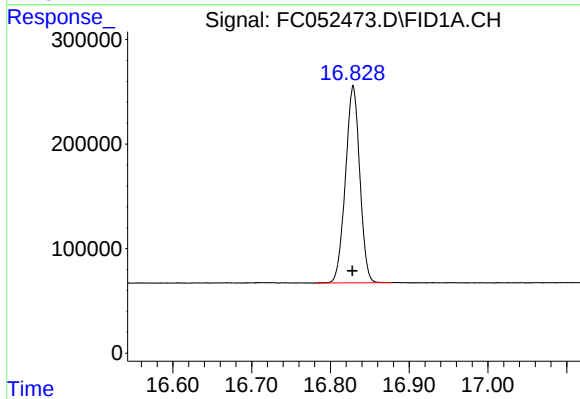
#14 n-Tetracosane (C24)

R.T.: 14.860 min
Delta R.T.: 0.000 min
Response: 2615439
Conc: 20.94 ug/ml



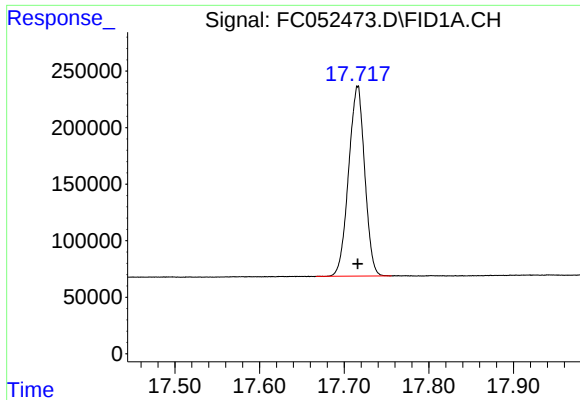
#15 n-Hexacosane (C26)

R.T.: 15.881 min
Delta R.T.: 0.000 min
Response: 2500235
Conc: 20.76 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.829 min
Delta R.T.: 0.001 min
Response: 2377520
Conc: 20.62 ug/ml



#17 n-Tricontane (C30)

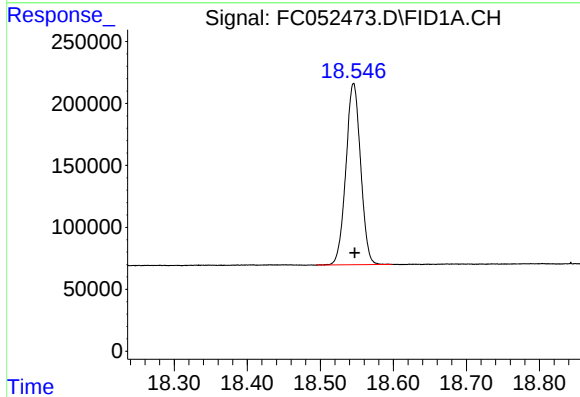
R.T.: 17.716 min

Delta R.T.: 0.000 min

Response: 2220247

Conc: 20.38 ug/ml

Instrument :
FID_C
ClientSampleId :



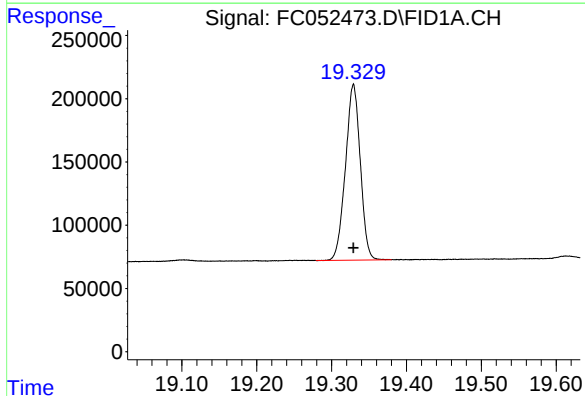
#18 n-Dotriacontane (C32)

R.T.: 18.546 min

Delta R.T.: -0.002 min

Response: 2049150

Conc: 20.42 ug/ml



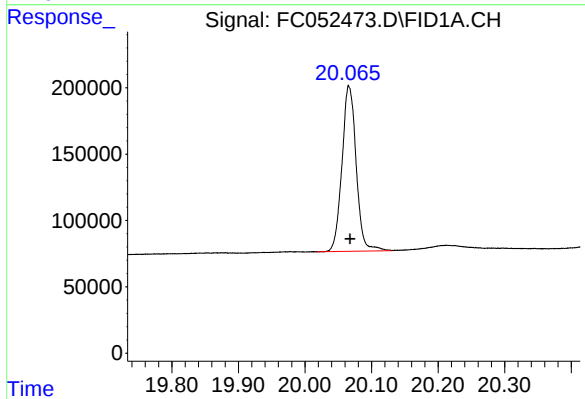
#19 n-Tetratriacontane (C34)

R.T.: 19.329 min

Delta R.T.: 0.000 min

Response: 1914246

Conc: 20.83 ug/ml



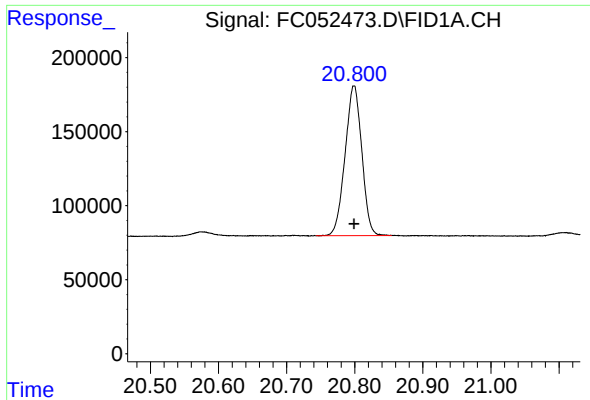
#20 n-Hexatriacontane (C36)

R.T.: 20.066 min

Delta R.T.: -0.002 min

Response: 1846767

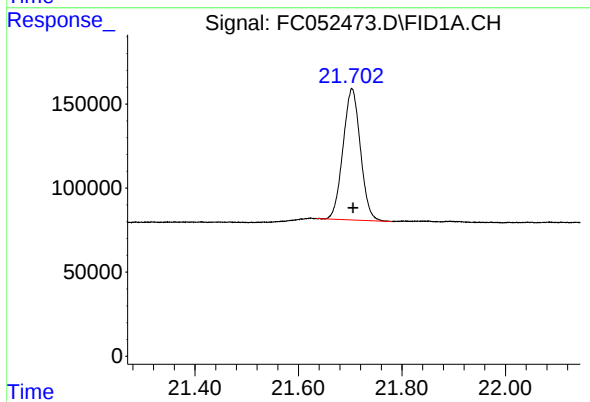
Conc: 20.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.799 min
Delta R.T.: 0.000 min
Response: 1725179
Conc: 21.14 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.703 min
Delta R.T.: -0.002 min
Response: 1820166
Conc: 21.13 ug/ml