

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021921AL\
 Data File : FC052071.D
 Signal(s) : FID1A.CH
 Acq On : 19 Feb 2021 10:12
 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: Feb 19 22:02:03 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 021521.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 16 09:35:39 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)	11.697	2564722	21.130 ug/ml
Spiked Amount 50.000		Recovery =	42.26%
12) S 1-chlorooctadecane (S...	13.128	2051877	20.897 ug/ml
Spiked Amount 50.000		Recovery =	41.79%
Target Compounds			
1) T n-Nonane (C9)	3.451	2227119	21.077 ug/ml
2) T n-Decane (C10)	4.520	2254105	21.153 ug/ml
3) T A~Naphthalene (C11.7)	6.113	2548265	21.307 ug/ml
4) T n-Dodecane (C12)	6.539	2303858	21.306 ug/ml
5) T A~2-methylnaphthalene...	7.170	2610330	21.392 ug/ml
6) T n-Tetradecane (C14)	8.333	2324307	21.403 ug/ml
7) T n-Hexadecane (C16)	9.933	2306381	21.371 ug/ml
8) T n-Octadecane (C18)	11.374	2403498	21.260 ug/ml
10) T n-Eicosane (C20)	12.682	2415872	21.035 ug/ml
11) T n-Heneicosane (C21)	13.295	2408811	20.901 ug/ml
13) T n-Docosane (C22)	13.880	2400054	20.706 ug/ml
14) T n-Tetracosane (C24)	14.982	2369839	20.238 ug/ml
15) T n-Hexacosane (C26)	16.003	2294552	19.626 ug/ml
16) T n-Octacosane (C28)	16.952	2223887	18.909 ug/ml
17) T n-Tricontane (C30)	17.840	2145742	18.154 ug/ml
18) T n-Dotriacontane (C32)	18.671	2034150	17.346 ug/ml
19) T n-Tetratriacontane (C34)	19.453	1953485	16.867 ug/ml
20) T n-Hexatriacontane (C36)	20.193	1849580	16.624 ug/ml
21) T n-Octatriacontane (C38)	20.949	1758318	17.169 ug/ml
22) T n-Tetracontane (C40)	21.897	1809574	17.555 ug/ml

(f)=RT Delta > 1/2 Window

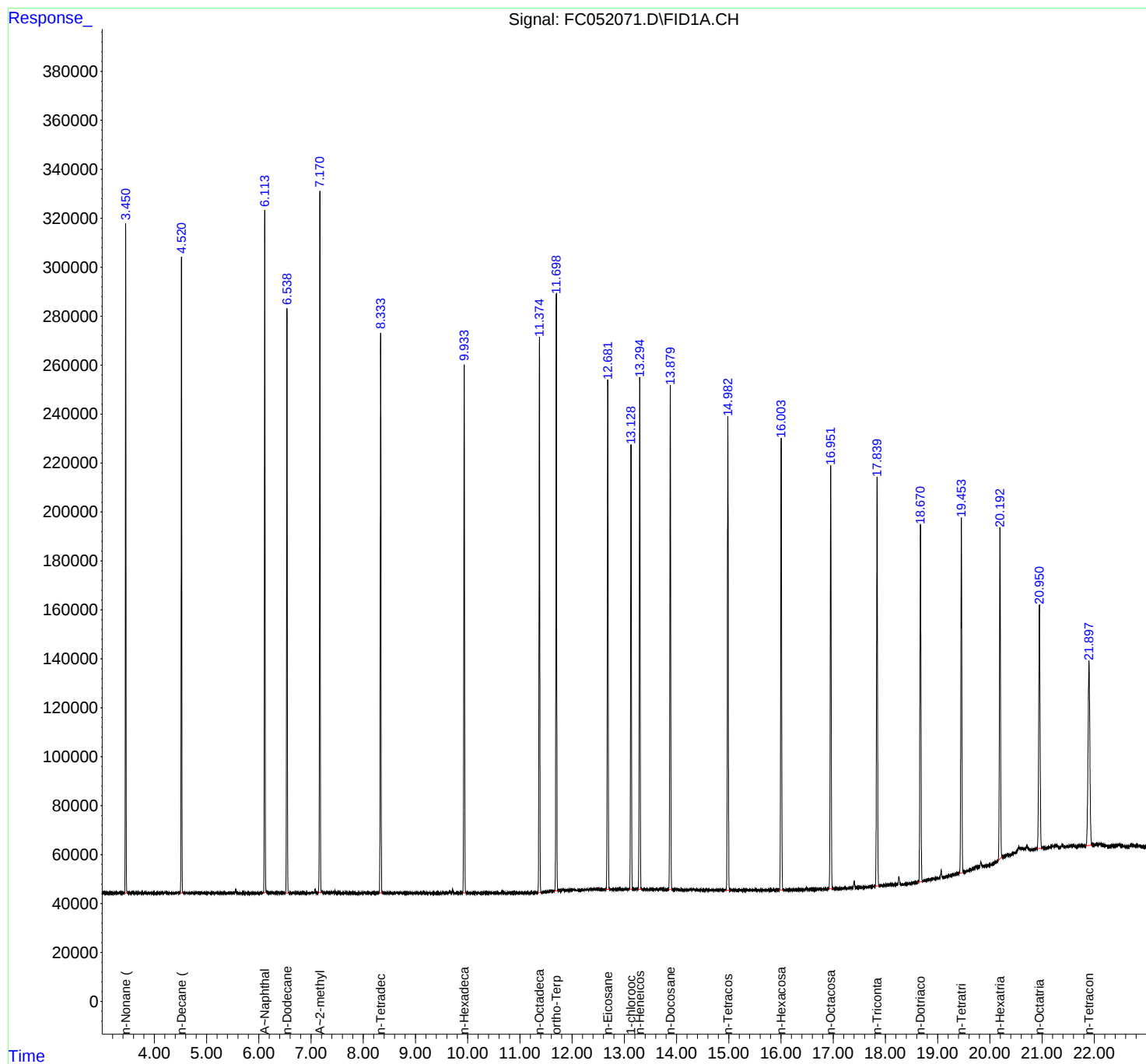
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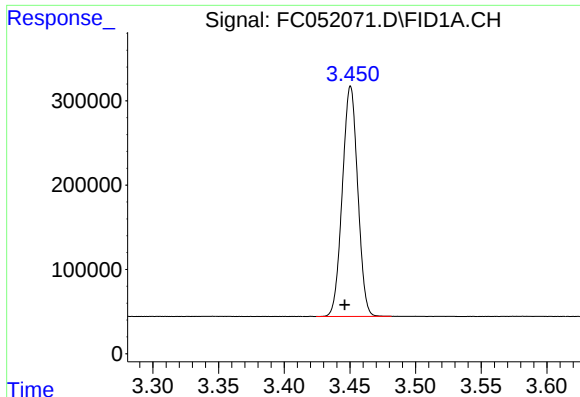
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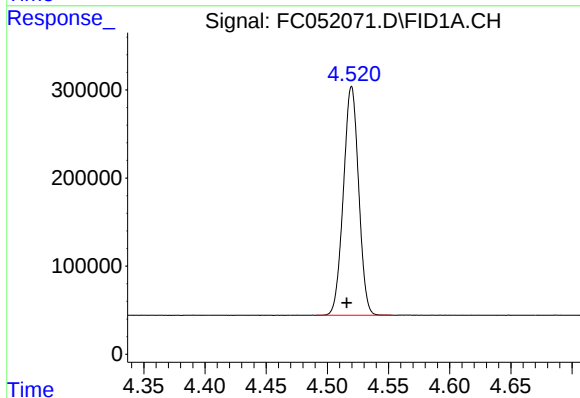




#1 n-Nonane (C9)

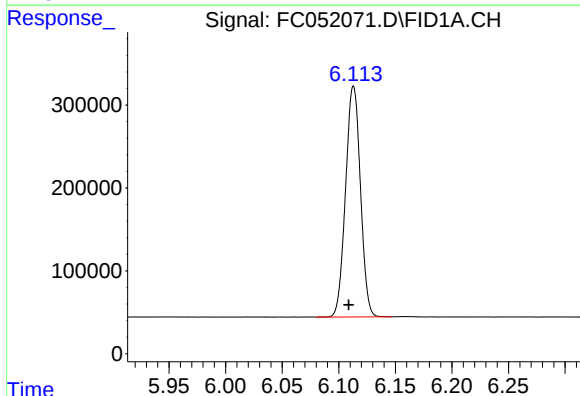
R.T.: 3.451 min
Delta R.T.: 0.005 min
Response: 2227119
Conc: 21.08 ug/ml

Instrument :
FID_C
ClientSampleId :



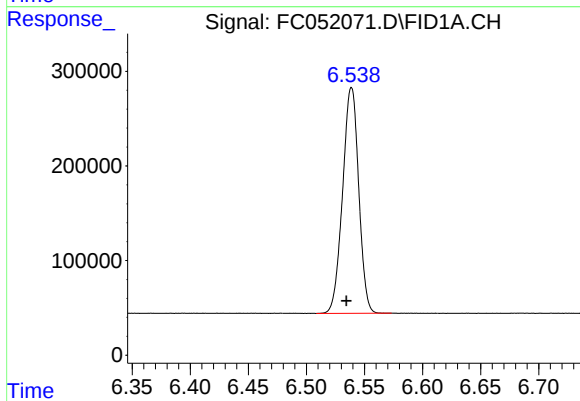
#2 n-Decane (C10)

R.T.: 4.520 min
Delta R.T.: 0.004 min
Response: 2254105
Conc: 21.15 ug/ml



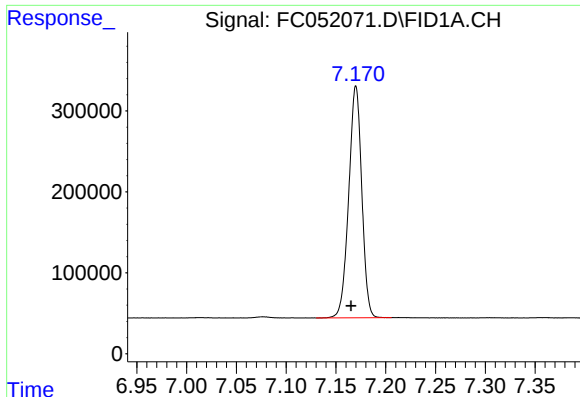
#3 A~Naphthalene (C11.7)

R.T.: 6.113 min
Delta R.T.: 0.004 min
Response: 2548265
Conc: 21.31 ug/ml



#4 n-Dodecane (C12)

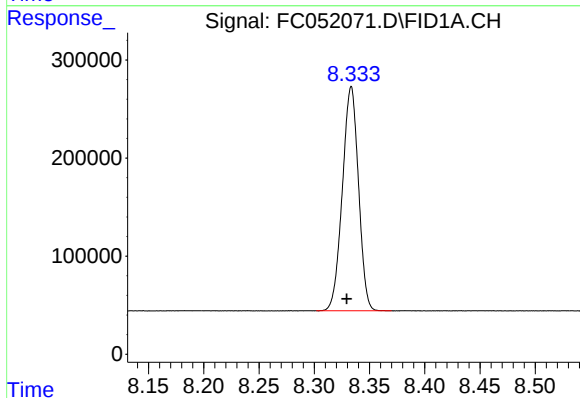
R.T.: 6.539 min
Delta R.T.: 0.004 min
Response: 2303858
Conc: 21.31 ug/ml



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

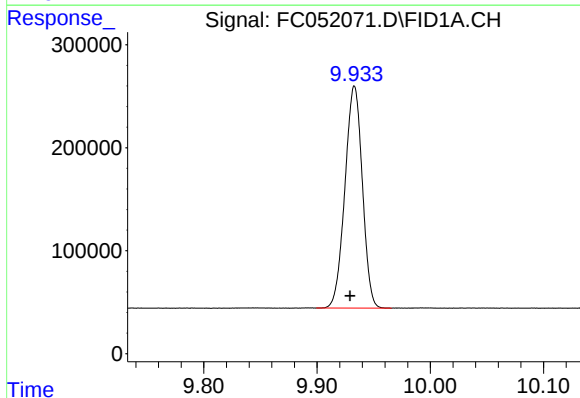
R.T.: 7.170 min
Delta R.T.: 0.005 min
Response: 2610330
Conc: 21.39 ug/ml

Instrument :
FID_C
ClientSampleId :



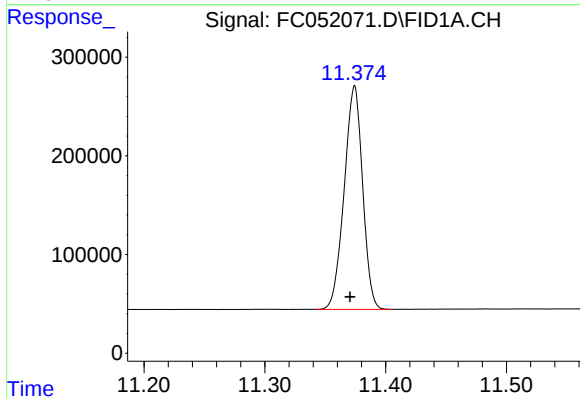
#6 n-Tetradecane (C14)

R.T.: 8.333 min
Delta R.T.: 0.004 min
Response: 2324307
Conc: 21.40 ug/ml



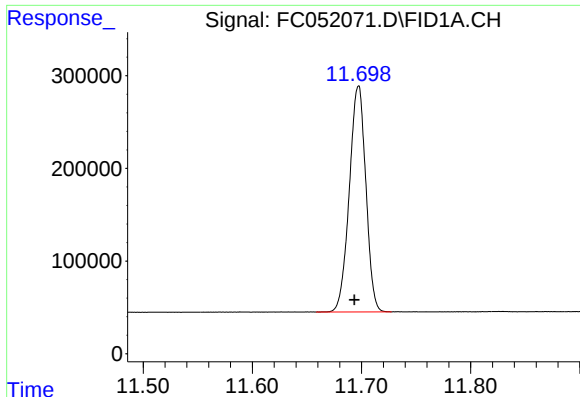
#7 n-Hexadecane (C16)

R.T.: 9.933 min
Delta R.T.: 0.004 min
Response: 2306381
Conc: 21.37 ug/ml



#8 n-Octadecane (C18)

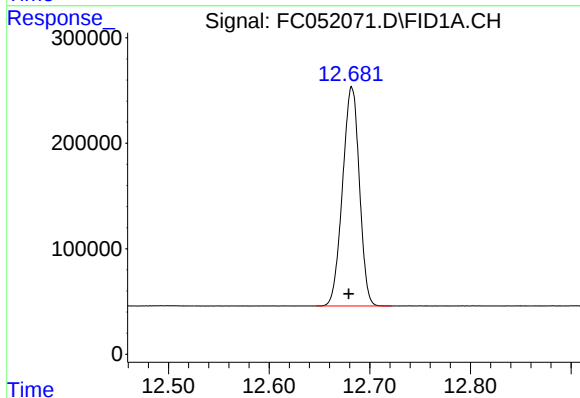
R.T.: 11.374 min
Delta R.T.: 0.004 min
Response: 2403498
Conc: 21.26 ug/ml



#9 ortho-Terphenyl (SURR)

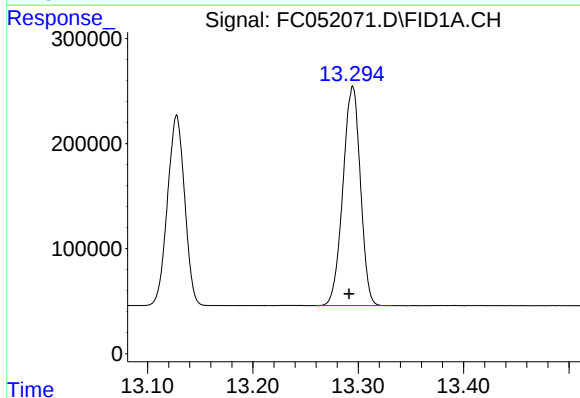
R.T.: 11.697 min
Delta R.T.: 0.004 min
Response: 2564722
Conc: 21.13 ug/ml

Instrument :
FID_C
ClientSampleId :



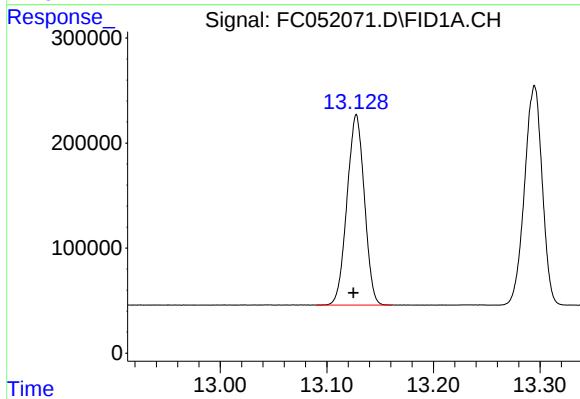
#10 n-Eicosane (C20)

R.T.: 12.682 min
Delta R.T.: 0.003 min
Response: 2415872
Conc: 21.04 ug/ml



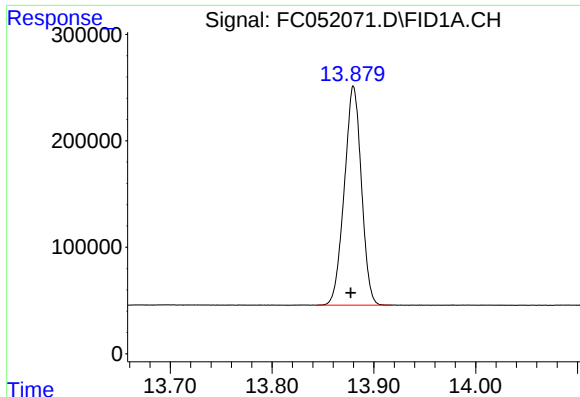
#11 n-Heneicosane (C21)

R.T.: 13.295 min
Delta R.T.: 0.004 min
Response: 2408811
Conc: 20.90 ug/ml



#12 1-chlorooctadecane (SURR)

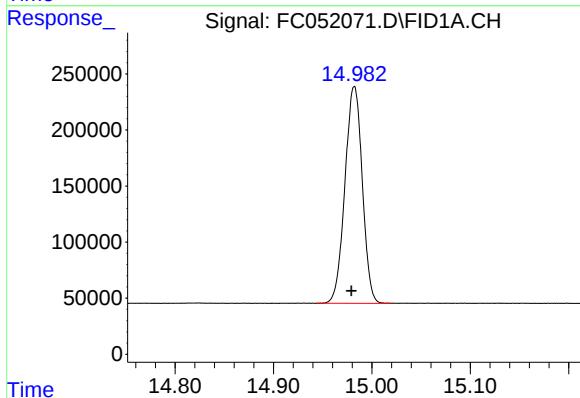
R.T.: 13.128 min
Delta R.T.: 0.003 min
Response: 2051877
Conc: 20.90 ug/ml



#13 n-Docosane (C22)

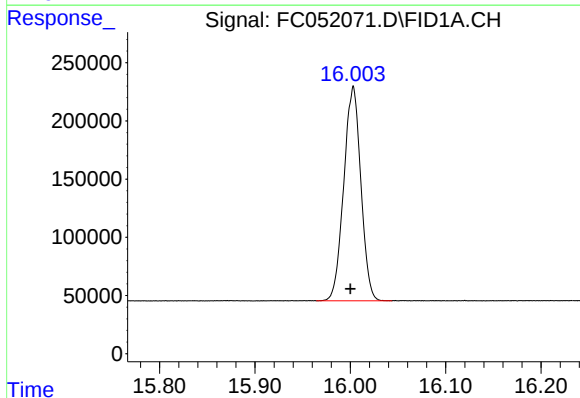
R.T.: 13.880 min
Delta R.T.: 0.003 min
Response: 2400054
Conc: 20.71 ug/ml

Instrument :
FID_C
ClientSampleId :



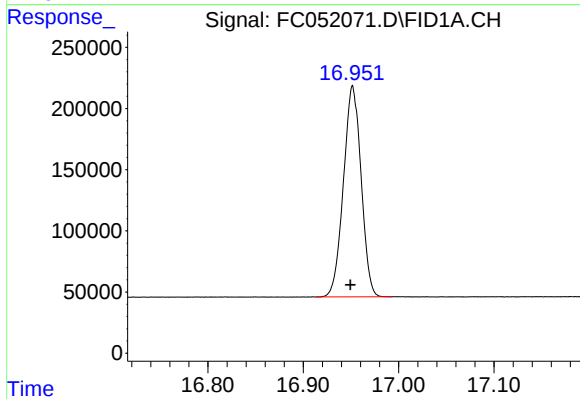
#14 n-Tetracosane (C24)

R.T.: 14.982 min
Delta R.T.: 0.003 min
Response: 2369839
Conc: 20.24 ug/ml



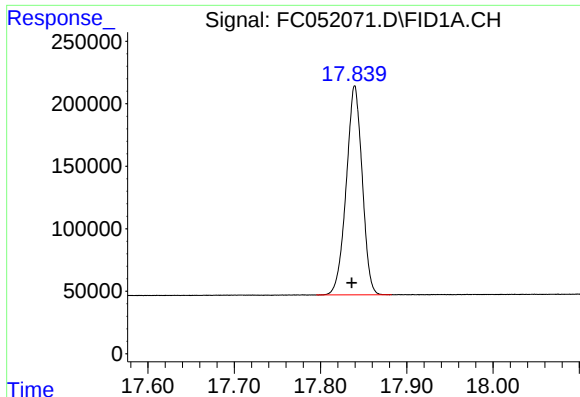
#15 n-Hexacosane (C26)

R.T.: 16.003 min
Delta R.T.: 0.003 min
Response: 2294552
Conc: 19.63 ug/ml



#16 n-Octacosane (C28)

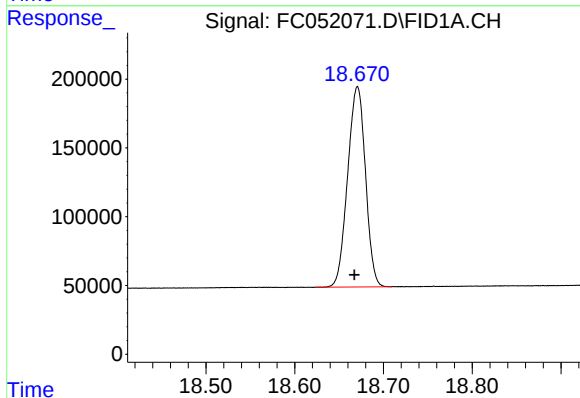
R.T.: 16.952 min
Delta R.T.: 0.002 min
Response: 2223887
Conc: 18.91 ug/ml



#17 n-Tricontane (C30)

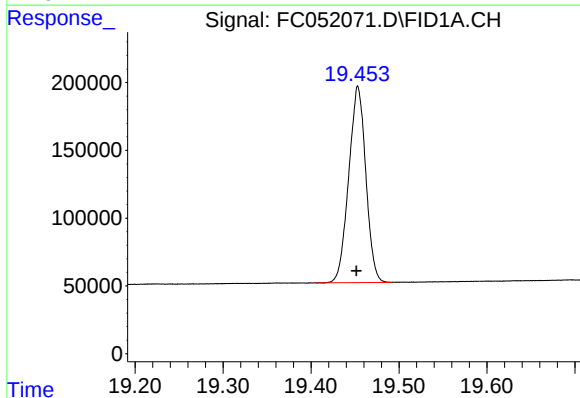
R.T.: 17.840 min
Delta R.T.: 0.003 min
Response: 2145742
Conc: 18.15 ug/ml

Instrument :
FID_C
ClientSampleId :



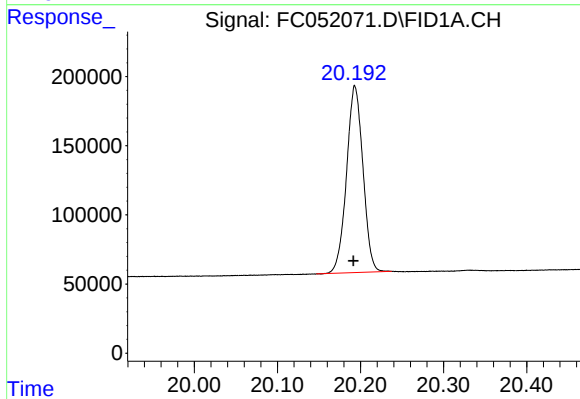
#18 n-Dotriacontane (C32)

R.T.: 18.671 min
Delta R.T.: 0.003 min
Response: 2034150
Conc: 17.35 ug/ml



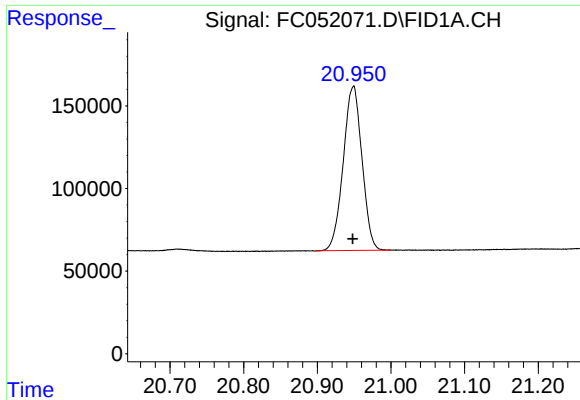
#19 n-Tetratriacontane (C34)

R.T.: 19.453 min
Delta R.T.: 0.002 min
Response: 1953485
Conc: 16.87 ug/ml



#20 n-Hexatriacontane (C36)

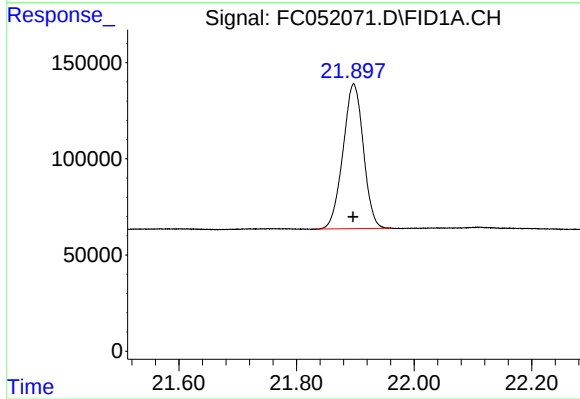
R.T.: 20.193 min
Delta R.T.: 0.002 min
Response: 1849580
Conc: 16.62 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.949 min
Delta R.T.: 0.001 min
Response: 1758318
Conc: 17.17 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.897 min
Delta R.T.: 0.001 min
Response: 1809574
Conc: 17.56 ug/ml