

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010521AL\
 Data File : FC057705.D
 Signal(s) : FID1A.CH
 Acq On : 05 Jan 2022 10:05
 Operator : AJ\MA
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 05 11:36:48 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010522.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 11:32:01 2022
 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)	10.722	9626203	48.407 ug/ml
Spiked Amount 50.000		Recovery =	96.81%
12) S 1-chlorooctadecane (S...	12.159	7388460	48.385 ug/ml
Spiked Amount 50.000		Recovery =	96.77%
Target Compounds			
1) T n-Nonane (C9)	2.648	7900115	48.290 ug/ml
2) T n-Decane (C10)	3.639	7987014	48.389 ug/ml
3) T A~Naphthalene (C11.7)	5.177	9060570	48.507 ug/ml
4) T n-Dodecane (C12)	5.611	8028781	48.613 ug/ml
5) T A~2-methylnaphthalene...	6.218	9138483	48.734 ug/ml
6) T n-Tetradecane (C14)	7.392	8234522	48.590 ug/ml
7) T n-Hexadecane (C16)	8.983	8327979	48.481 ug/ml
8) T n-Octadecane (C18)	10.418	8580027	48.397 ug/ml
10) T n-Eicosane (C20)	11.720	8534075	48.249 ug/ml
11) T n-Heneicosane (C21)	12.329	8620125	48.222 ug/ml
13) T n-Docosane (C22)	12.913	8564447	47.945 ug/ml
14) T n-Tetracosane (C24)	14.010	8540532	47.923 ug/ml
15) T n-Hexacosane (C26)	15.026	8304650	48.011 ug/ml
16) T n-Octacosane (C28)	15.973	8096247	48.106 ug/ml
17) T n-Tricontane (C30)	16.858	7710007	48.328 ug/ml
18) T n-Dotriacontane (C32)	17.687	6928078	48.855 ug/ml
19) T n-Tetratriacontane (C34)	18.468	6189600	49.032 ug/ml
20) T n-Hexatriacontane (C36)	19.204	5537042	49.092 ug/ml
21) T n-Octatriacontane (C38)	19.912	5233191	48.823 ug/ml
22) T n-Tetracontane (C40)	20.741	5095216	50.772 ug/ml

(f)=RT Delta > 1/2 Window

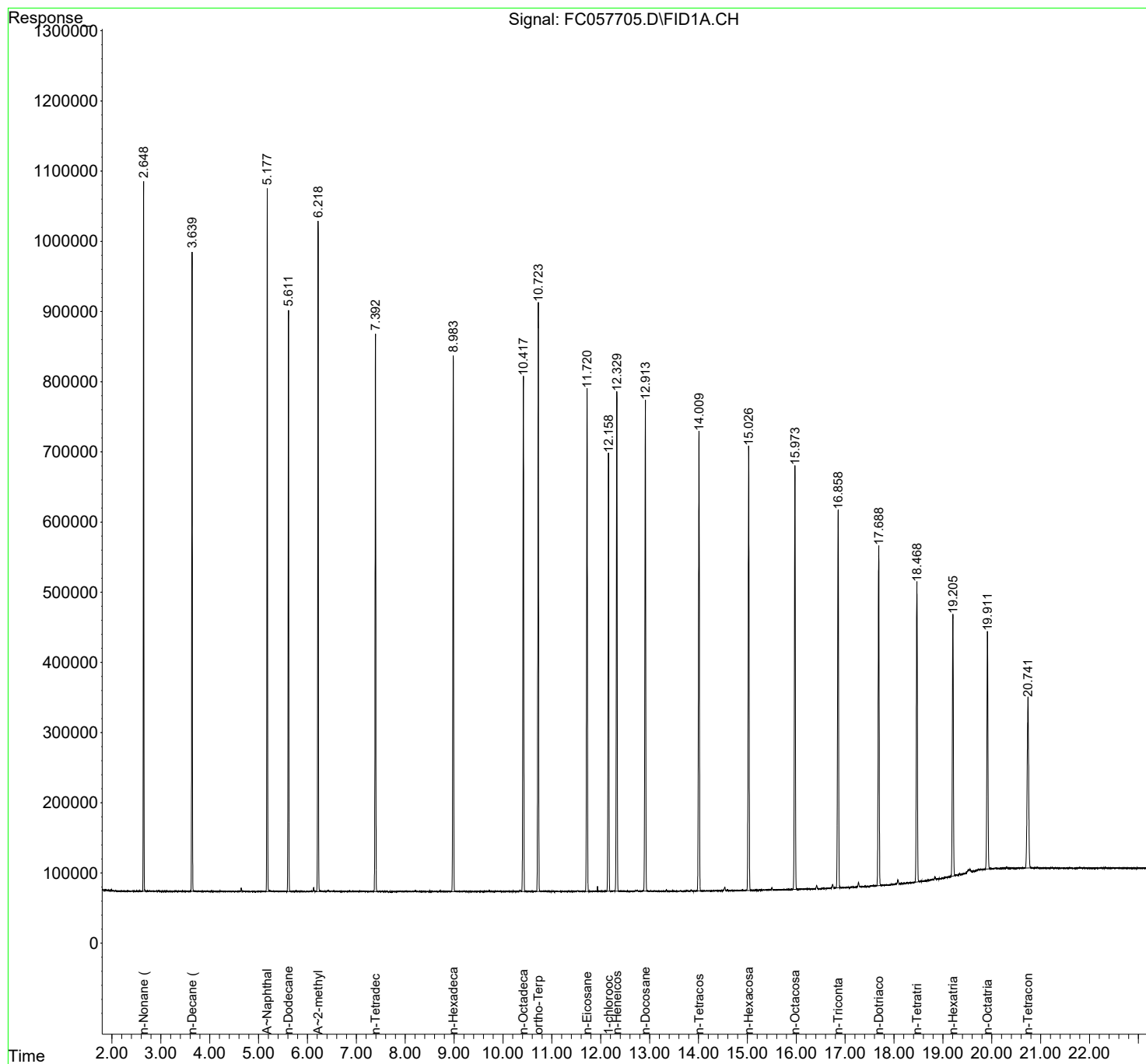
(m)=manual int.

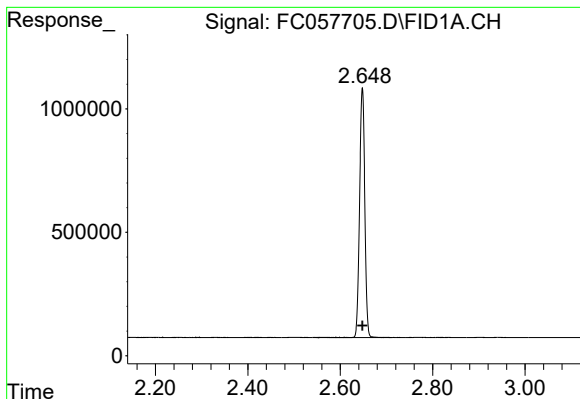
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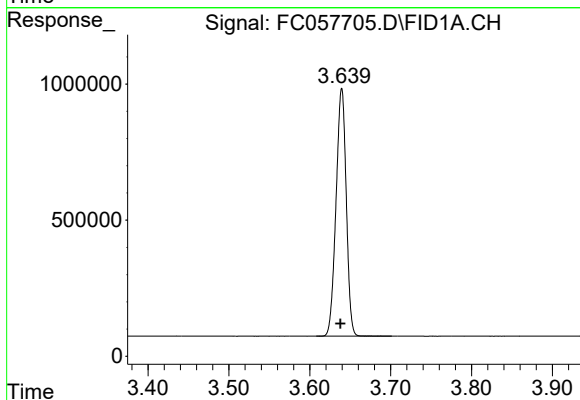




#1 n-Nonane (C9)

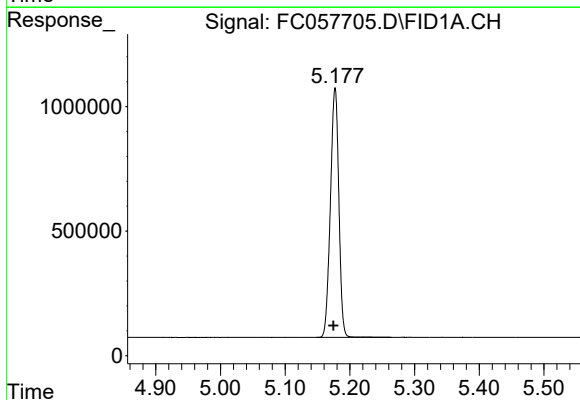
R.T.: 2.648 min
Delta R.T.: 0.000 min
Response: 7900115
Conc: 48.29 ug/ml

Instrument :
FID_C
ClientSampleId :



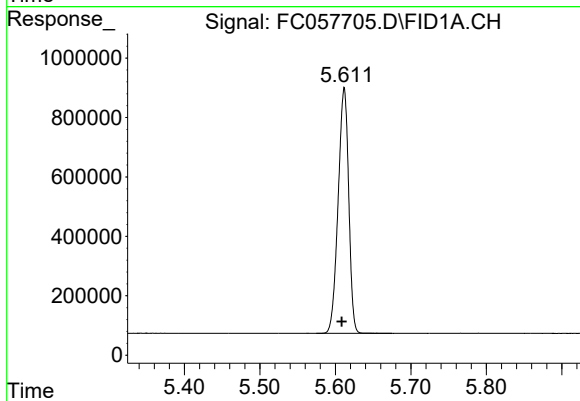
#2 n-Decane (C10)

R.T.: 3.639 min
Delta R.T.: 0.001 min
Response: 7987014
Conc: 48.39 ug/ml



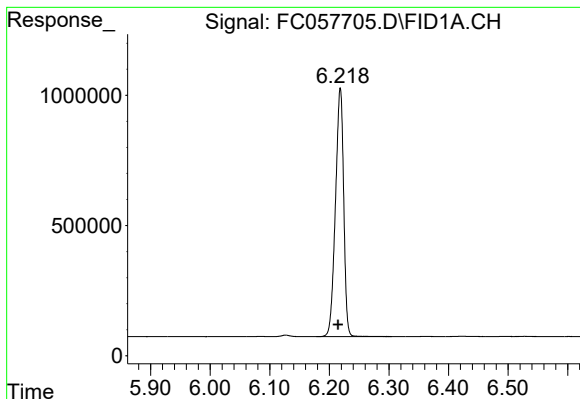
#3 A~Naphthalene (C11.7)

R.T.: 5.177 min
Delta R.T.: 0.002 min
Response: 9060570
Conc: 48.51 ug/ml



#4 n-Dodecane (C12)

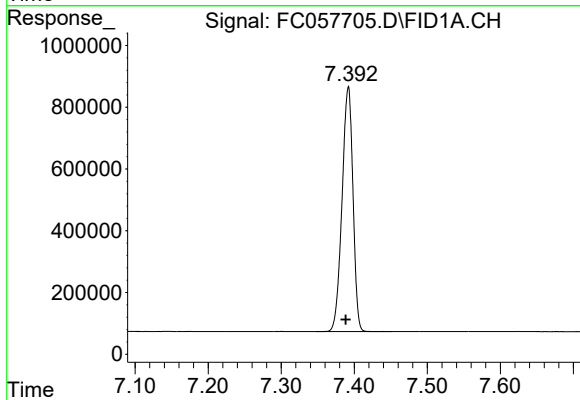
R.T.: 5.611 min
Delta R.T.: 0.003 min
Response: 8028781
Conc: 48.61 ug/ml



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

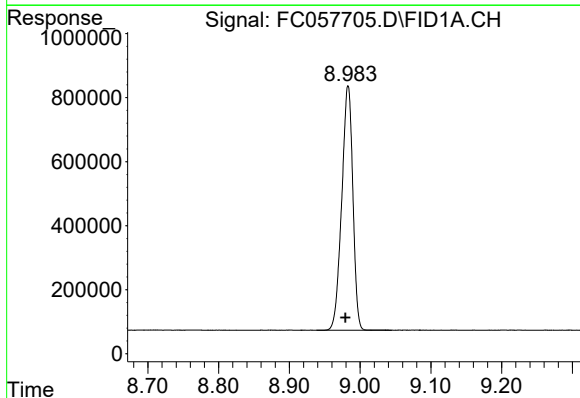
R.T.: 6.218 min
Delta R.T.: 0.003 min
Response: 9138483
Conc: 48.73 ug/ml

Instrument :
FID_C
ClientSampleId :



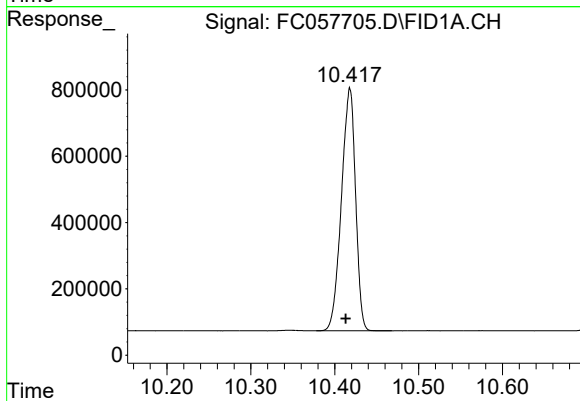
#6 n-Tetradecane (C14)

R.T.: 7.392 min
Delta R.T.: 0.003 min
Response: 8234522
Conc: 48.59 ug/ml



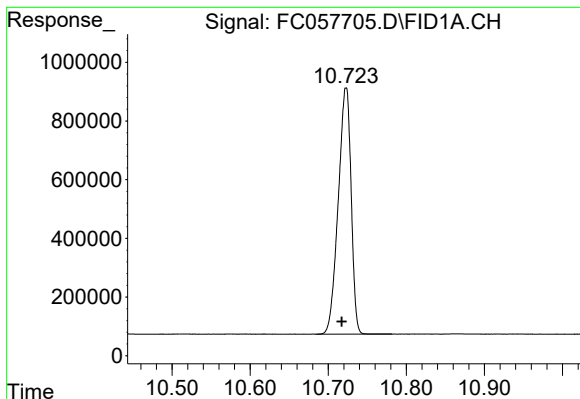
#7 n-Hexadecane (C16)

R.T.: 8.983 min
Delta R.T.: 0.004 min
Response: 8327979
Conc: 48.48 ug/ml



#8 n-Octadecane (C18)

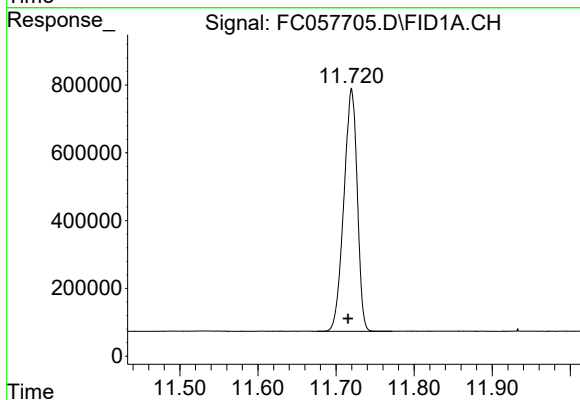
R.T.: 10.418 min
Delta R.T.: 0.004 min
Response: 8580027
Conc: 48.40 ug/ml



#9 ortho-Terphenyl (SURR)

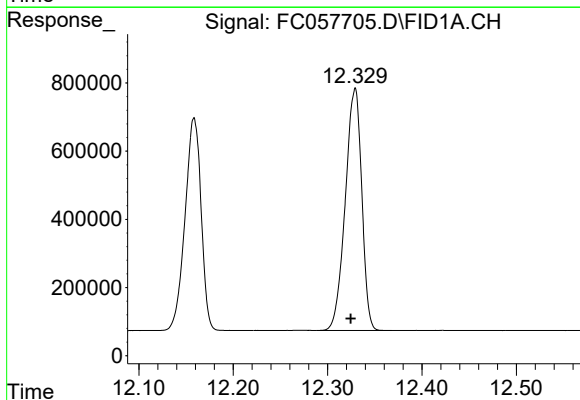
R.T.: 10.722 min
Delta R.T.: 0.005 min
Response: 9626203
Conc: 48.41 ug/ml

Instrument :
FID_C
ClientSampleId :



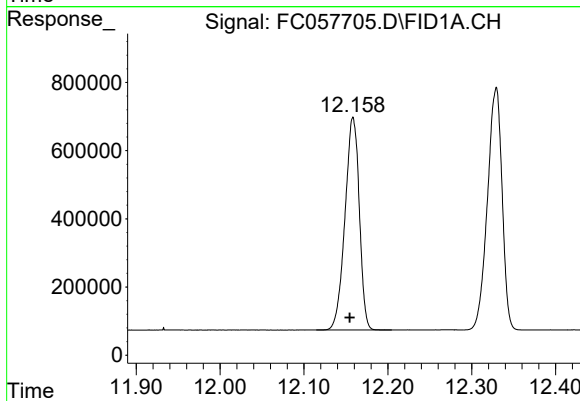
#10 n-Eicosane (C20)

R.T.: 11.720 min
Delta R.T.: 0.004 min
Response: 8534075
Conc: 48.25 ug/ml



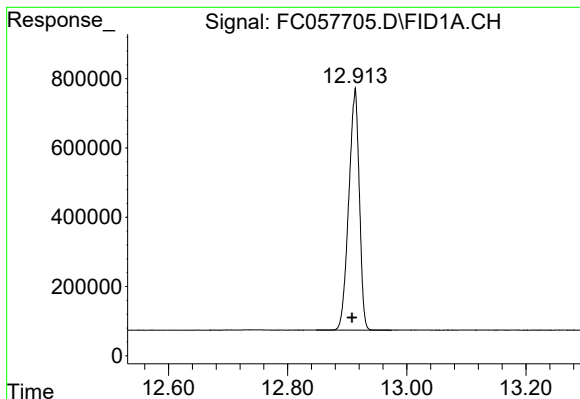
#11 n-Heneicosane (C21)

R.T.: 12.329 min
Delta R.T.: 0.004 min
Response: 8620125
Conc: 48.22 ug/ml



#12 1-chlorooctadecane (SURR)

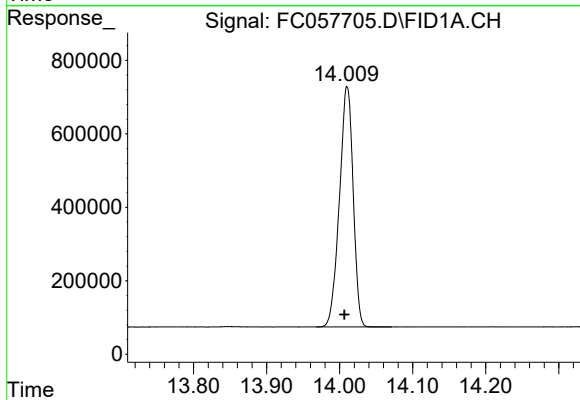
R.T.: 12.159 min
Delta R.T.: 0.004 min
Response: 7388460
Conc: 48.38 ug/ml



#13 n-Docosane (C22)

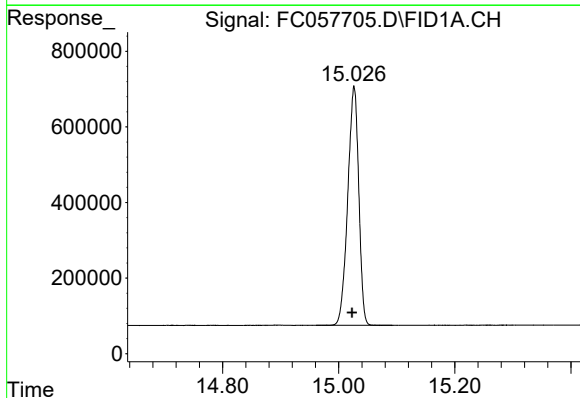
R.T.: 12.913 min
Delta R.T.: 0.005 min
Response: 8564447
Conc: 47.94 ug/ml

Instrument :
FID_C
ClientSampleId :



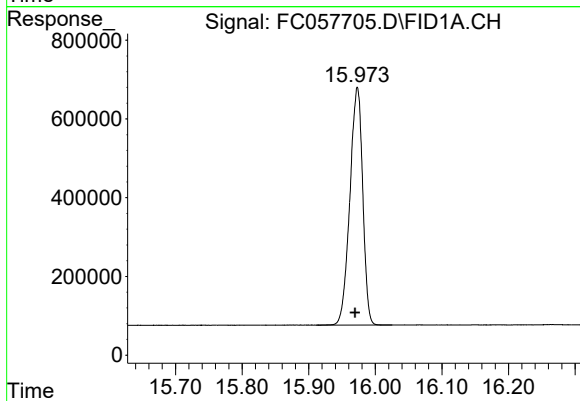
#14 n-Tetracosane (C24)

R.T.: 14.010 min
Delta R.T.: 0.004 min
Response: 8540532
Conc: 47.92 ug/ml



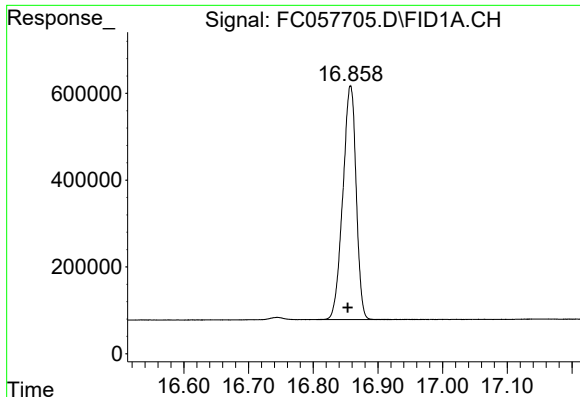
#15 n-Hexacosane (C26)

R.T.: 15.026 min
Delta R.T.: 0.003 min
Response: 8304650
Conc: 48.01 ug/ml



#16 n-Octacosane (C28)

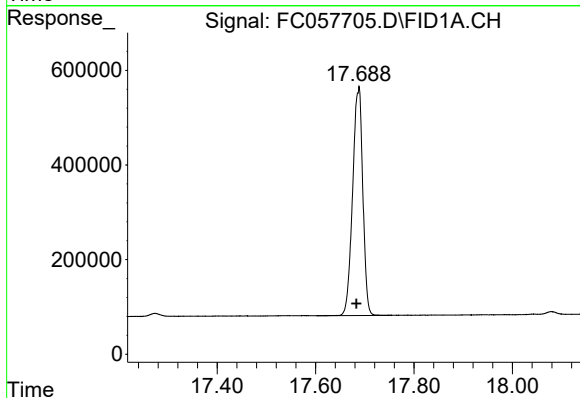
R.T.: 15.973 min
Delta R.T.: 0.003 min
Response: 8096247
Conc: 48.11 ug/ml



#17 n-Tricontane (C30)

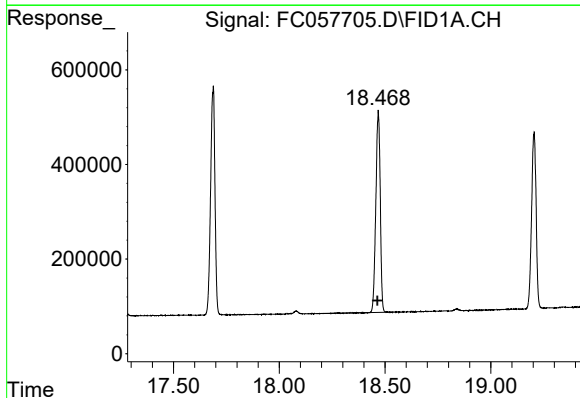
R.T.: 16.858 min
Delta R.T.: 0.004 min
Response: 7710007
Conc: 48.33 ug/ml

Instrument :
FID_C
ClientSampleId :



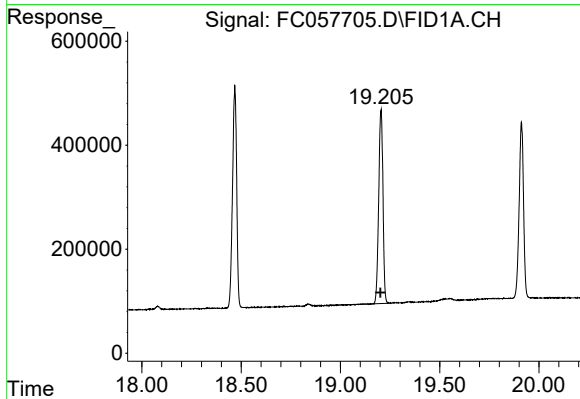
#18 n-Dotriacontane (C32)

R.T.: 17.687 min
Delta R.T.: 0.004 min
Response: 6928078
Conc: 48.86 ug/ml



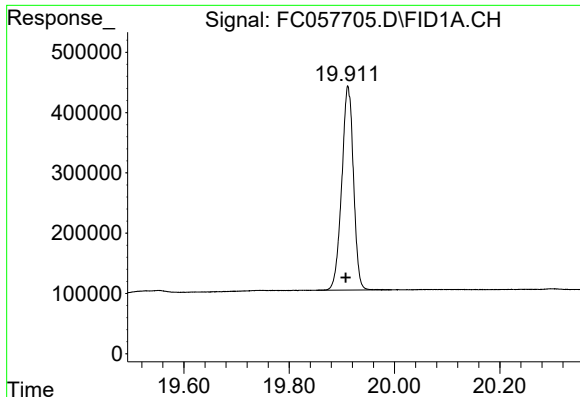
#19 n-Tetratriacontane (C34)

R.T.: 18.468 min
Delta R.T.: 0.004 min
Response: 6189600
Conc: 49.03 ug/ml



#20 n-Hexatriacontane (C36)

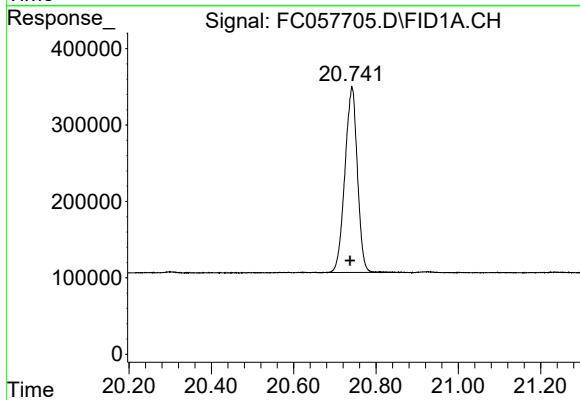
R.T.: 19.204 min
Delta R.T.: 0.003 min
Response: 5537042
Conc: 49.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.912 min
Delta R.T.: 0.004 min
Response: 5233191
Conc: 48.82 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.741 min
Delta R.T.: 0.004 min
Response: 5095216
Conc: 50.77 ug/ml