

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010622AL\
 Data File : FC057765.D
 Signal(s) : FID1A.CH
 Acq On : 06 Jan 2022 22:31
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 07 01:02:00 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010522.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 12:13:43 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)	10.706	3668470	18.972 ug/ml
Spiked Amount 50.000		Recovery =	37.94%
12) S 1-chlorooctadecane (S...	12.145	2787159	18.910 ug/ml
Spiked Amount 50.000		Recovery =	37.82%
Target Compounds			
1) T n-Nonane (C9)	2.635	3093915	19.348 ug/ml
2) T n-Decane (C10)	3.625	3137539	19.520 ug/ml
3) T A~Naphthalene (C11.7)	5.163	3583998	19.738 ug/ml
4) T n-Dodecane (C12)	5.597	3180016	19.718 ug/ml
5) T A~2-methylnaphthalene...	6.203	3612496	19.755 ug/ml
6) T n-Tetradecane (C14)	7.378	3270314	19.809 ug/ml
7) T n-Hexadecane (C16)	8.969	3287865	19.683 ug/ml
8) T n-Octadecane (C18)	10.404	3337769	19.396 ug/ml
10) T n-Eicosane (C20)	11.707	3246348	18.963 ug/ml
11) T n-Heneicosane (C21)	12.316	3241599	18.746 ug/ml
13) T n-Docosane (C22)	12.900	3175136	18.353 ug/ml
14) T n-Tetracosane (C24)	13.998	3108492	17.957 ug/ml
15) T n-Hexacosane (C26)	15.014	2944951	17.499 ug/ml
16) T n-Octacosane (C28)	15.961	2917137	17.826 ug/ml
17) T n-Tricontane (C30)	16.845	2842930	18.209 ug/ml
18) T n-Dotriacontane (C32)	17.675	2663355	19.102 ug/ml
19) T n-Tetratriacontane (C34)	18.457	2452515	19.732 ug/ml
20) T n-Hexatriacontane (C36)	19.194	2272470	20.440 ug/ml
21) T n-Octatriacontane (C38)	19.900	2128873	20.408 ug/ml
22) T n-Tetracontane (C40)	20.724	2131693	22.263 ug/ml

(f)=RT Delta > 1/2 Window

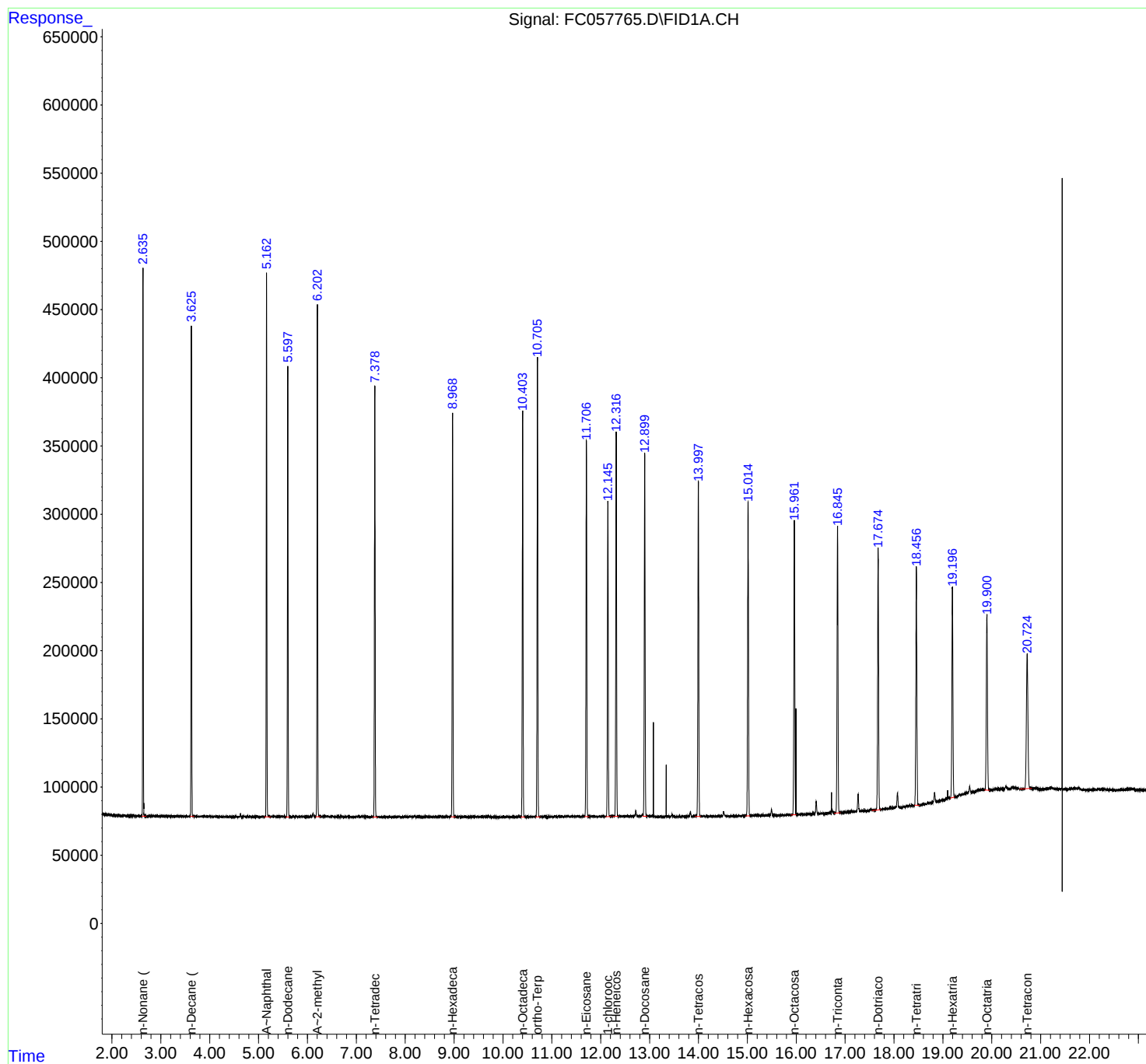
(m)=manual int.

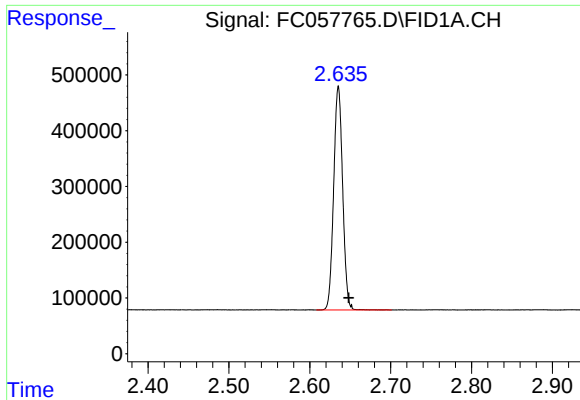
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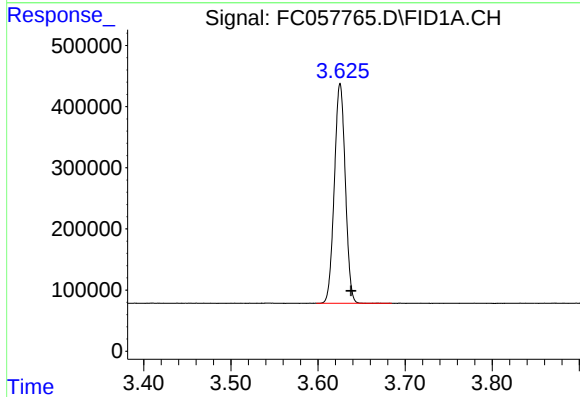




#1 n-Nonane (C9)

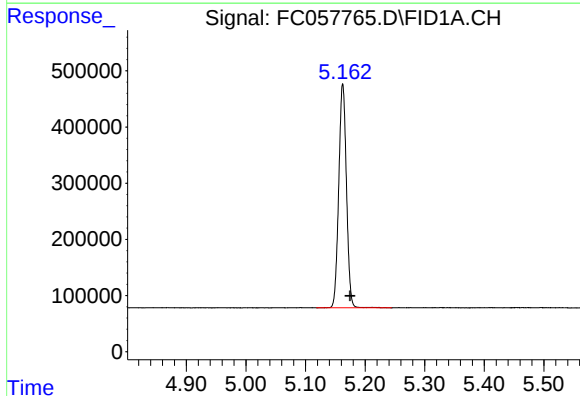
R.T.: 2.635 min
Delta R.T.: -0.013 min
Response: 3093915
Conc: 19.35 ug/ml

Instrument :
FID_C
ClientSampleId :



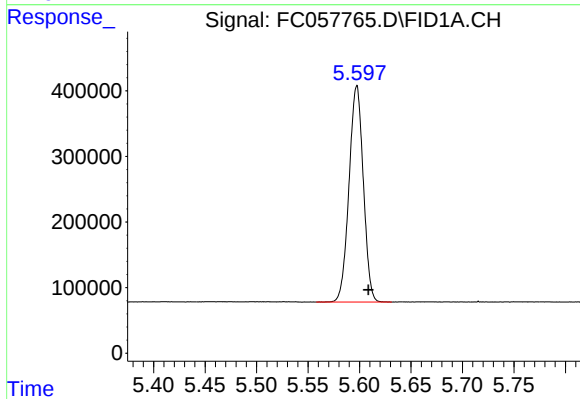
#2 n-Decane (C10)

R.T.: 3.625 min
Delta R.T.: -0.013 min
Response: 3137539
Conc: 19.52 ug/ml



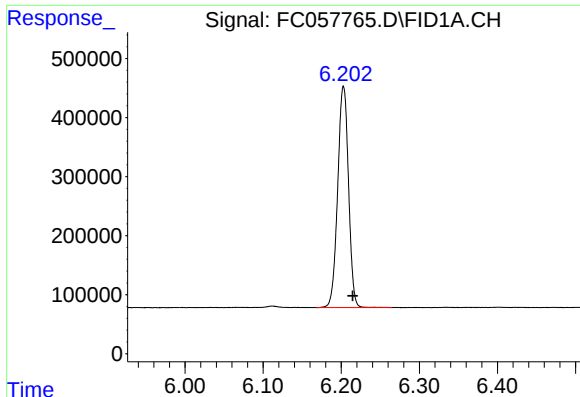
#3 A~Naphthalene (C11.7)

R.T.: 5.163 min
Delta R.T.: -0.012 min
Response: 3583998
Conc: 19.74 ug/ml



#4 n-Dodecane (C12)

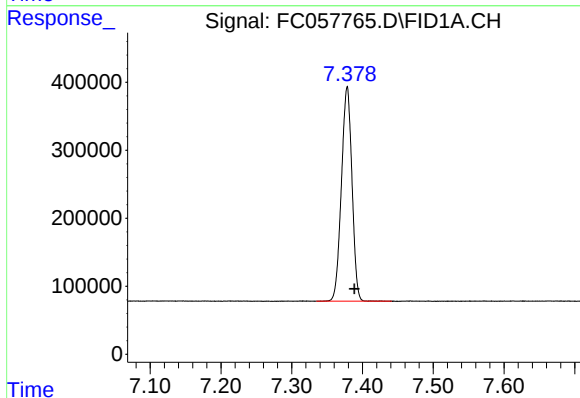
R.T.: 5.597 min
Delta R.T.: -0.011 min
Response: 3180016
Conc: 19.72 ug/ml



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

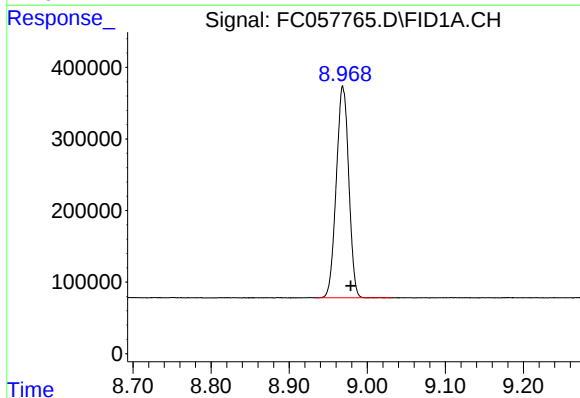
R.T.: 6.203 min
Delta R.T.: -0.012 min
Response: 3612496
Conc: 19.75 ug/ml

Instrument :
FID_C
ClientSampleId :



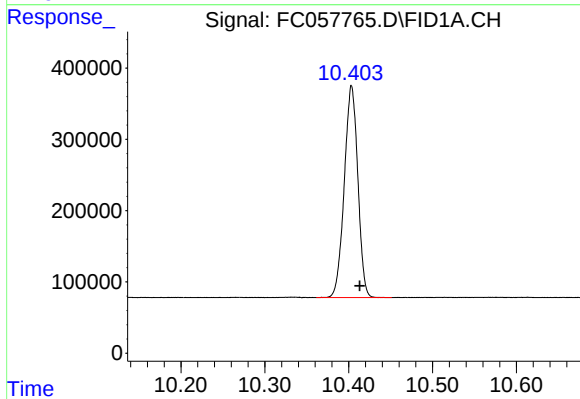
#6 n-Tetradecane (C14)

R.T.: 7.378 min
Delta R.T.: -0.010 min
Response: 3270314
Conc: 19.81 ug/ml



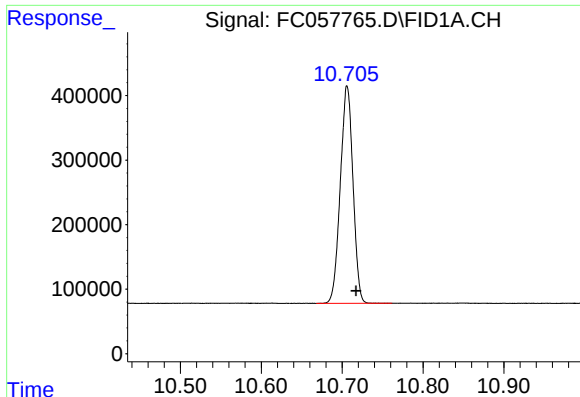
#7 n-Hexadecane (C16)

R.T.: 8.969 min
Delta R.T.: -0.010 min
Response: 3287865
Conc: 19.68 ug/ml



#8 n-Octadecane (C18)

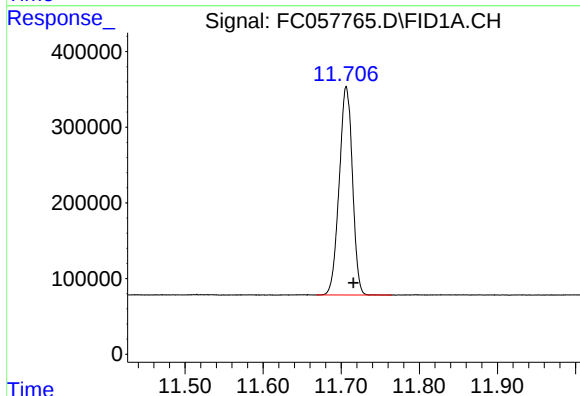
R.T.: 10.404 min
Delta R.T.: -0.010 min
Response: 3337769
Conc: 19.40 ug/ml



#9 ortho-Terphenyl (SURR)

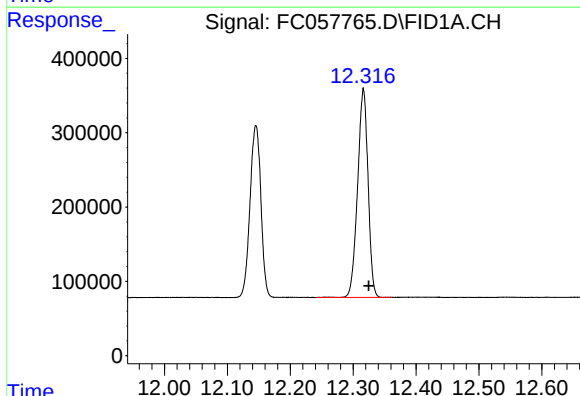
R.T.: 10.706 min
Delta R.T.: -0.011 min
Response: 3668470
Conc: 18.97 ug/ml

Instrument :
FID_C
ClientSampleId :



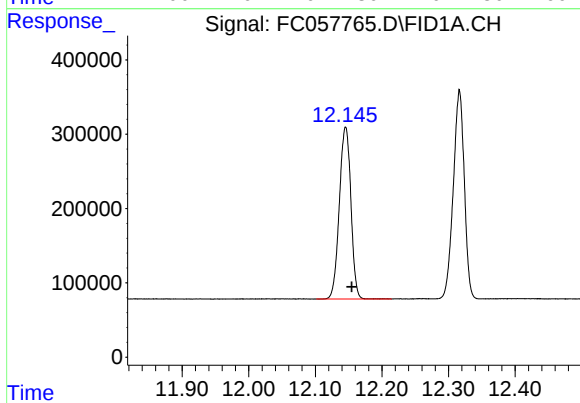
#10 n-Eicosane (C20)

R.T.: 11.707 min
Delta R.T.: -0.009 min
Response: 3246348
Conc: 18.96 ug/ml



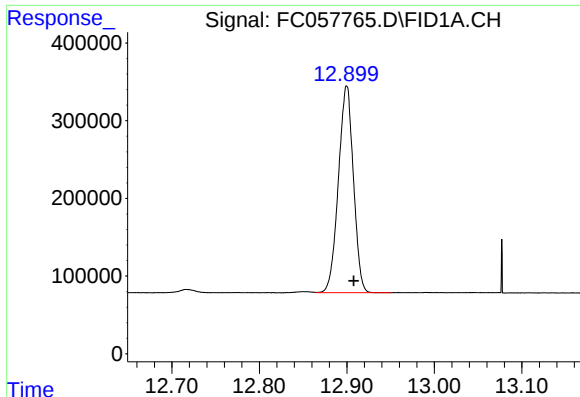
#11 n-Heneicosane (C21)

R.T.: 12.316 min
Delta R.T.: -0.008 min
Response: 3241599
Conc: 18.75 ug/ml



#12 1-chlorooctadecane (SURR)

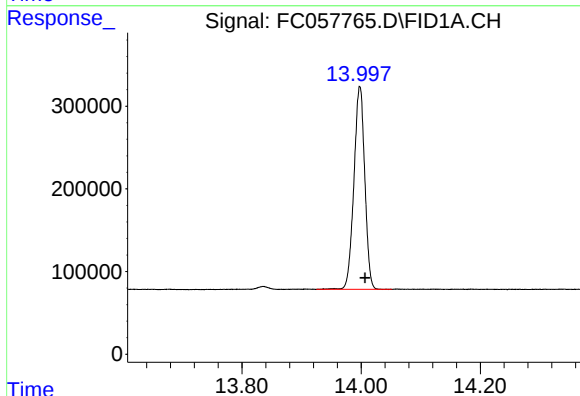
R.T.: 12.145 min
Delta R.T.: -0.009 min
Response: 2787159
Conc: 18.91 ug/ml



#13 n-Docosane (C22)

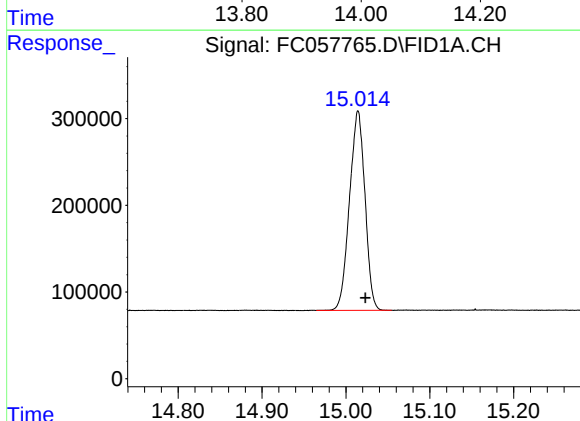
R.T.: 12.900 min
Delta R.T.: -0.008 min
Response: 3175136
Conc: 18.35 ug/ml

Instrument :
FID_C
ClientSampleId :



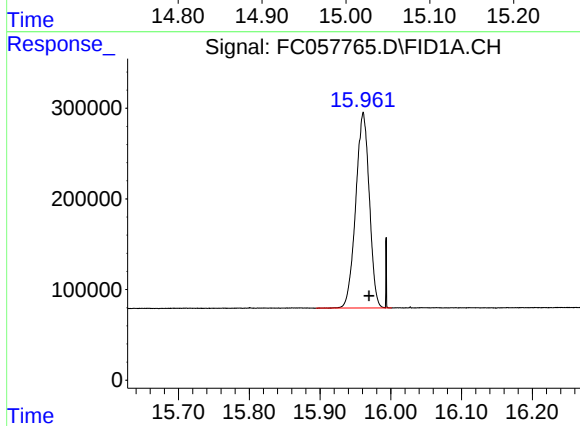
#14 n-Tetracosane (C24)

R.T.: 13.998 min
Delta R.T.: -0.009 min
Response: 3108492
Conc: 17.96 ug/ml



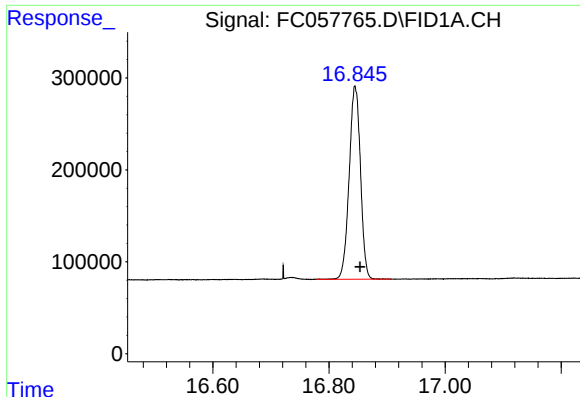
#15 n-Hexacosane (C26)

R.T.: 15.014 min
Delta R.T.: -0.009 min
Response: 2944951
Conc: 17.50 ug/ml



#16 n-Octacosane (C28)

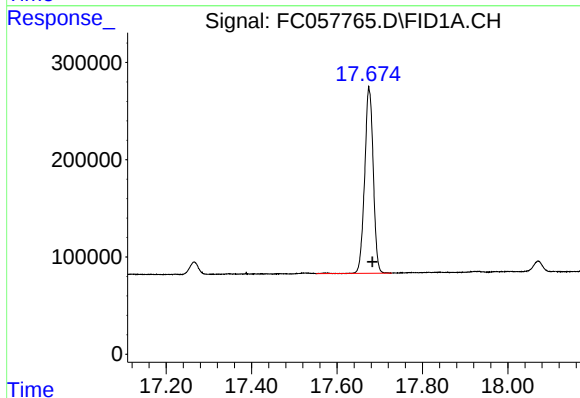
R.T.: 15.961 min
Delta R.T.: -0.009 min
Response: 2917137
Conc: 17.83 ug/ml



#17 n-Tricontane (C30)

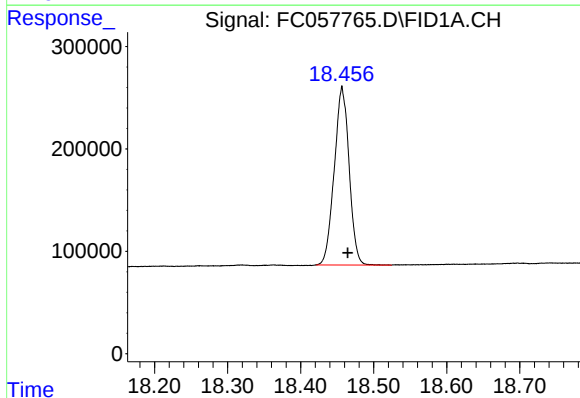
R.T.: 16.845 min
Delta R.T.: -0.008 min
Response: 2842930
Conc: 18.21 ug/ml

Instrument :
FID_C
ClientSampleId :



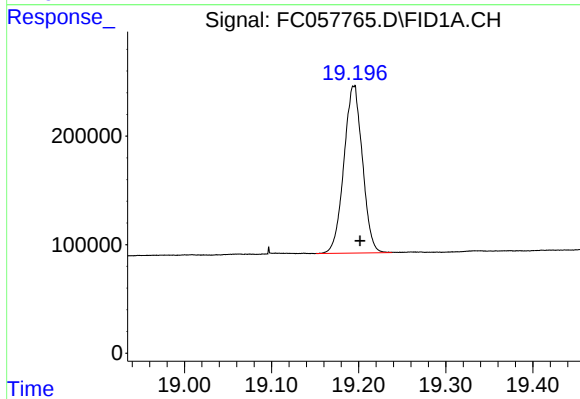
#18 n-Dotriacontane (C32)

R.T.: 17.675 min
Delta R.T.: -0.008 min
Response: 2663355
Conc: 19.10 ug/ml



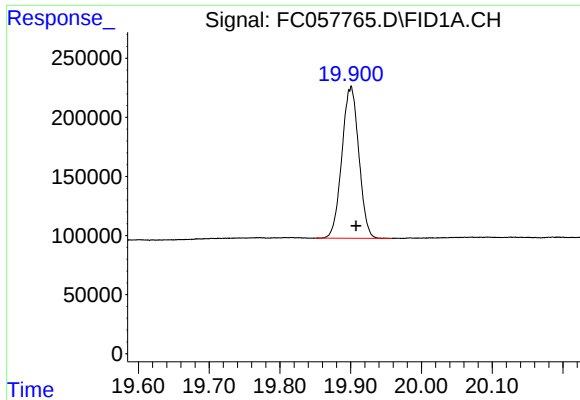
#19 n-Tetratriacontane (C34)

R.T.: 18.457 min
Delta R.T.: -0.007 min
Response: 2452515
Conc: 19.73 ug/ml



#20 n-Hexatriacontane (C36)

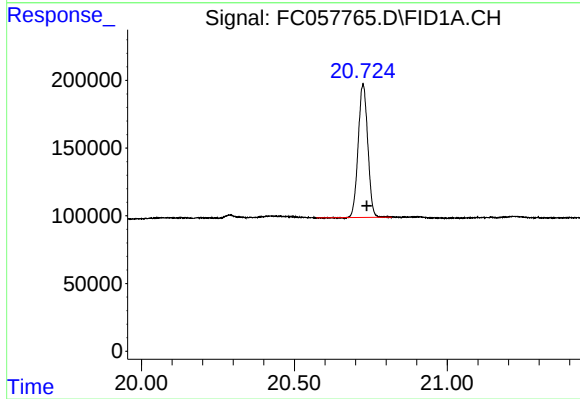
R.T.: 19.194 min
Delta R.T.: -0.007 min
Response: 2272470
Conc: 20.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.900 min
Delta R.T.: -0.007 min
Response: 2128873
Conc: 20.41 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.724 min
Delta R.T.: -0.013 min
Response: 2131693
Conc: 22.26 ug/ml