

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011022AL\
 Data File : FC057787.D
 Signal(s) : FID1A.CH
 Acq On : 10 Jan 2022 10:06
 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 11 00:10:10 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)	10.705	3889614	20.115 ug/ml
Spiked Amount 50.000		Recovery =	40.23%
12) S 1-chlorooctadecane (S...	12.144	2937934	19.933 ug/ml
Spiked Amount 50.000		Recovery =	39.87%
Target Compounds			
1) T n-Nonane (C9)	2.634	3234789	20.229 ug/ml
2) T n-Decane (C10)	3.624	3314106	20.619 ug/ml
3) T A~Naphthalene (C11.7)	5.161	3757081	20.691 ug/ml
4) T n-Dodecane (C12)	5.596	3350930	20.777 ug/ml
5) T A~2-methylnaphthalene...	6.202	3800347	20.782 ug/ml
6) T n-Tetradecane (C14)	7.377	3458943	20.951 ug/ml
7) T n-Hexadecane (C16)	8.968	3492467	20.908 ug/ml
8) T n-Octadecane (C18)	10.402	3554235	20.654 ug/ml
10) T n-Eicosane (C20)	11.705	3459795	20.210 ug/ml
11) T n-Heneicosane (C21)	12.314	3449236	19.947 ug/ml
13) T n-Docosane (C22)	12.898	3391833	19.605 ug/ml
14) T n-Tetracosane (C24)	13.996	3343724	19.316 ug/ml
15) T n-Hexacosane (C26)	15.012	3177859	18.883 ug/ml
16) T n-Octacosane (C28)	15.958	3116912	19.047 ug/ml
17) T n-Tricontane (C30)	16.843	3129556	20.045 ug/ml
18) T n-Dotriacontane (C32)	17.672	2948173	21.145 ug/ml
19) T n-Tetratriacontane (C34)	18.452	2642418	21.260 ug/ml
20) T n-Hexatriacontane (C36)	19.191	2435879	21.909 ug/ml
21) T n-Octatriacontane (C38)	19.897	2259362	21.659 ug/ml
22) T n-Tetracontane (C40)	20.721	2262914	23.633 ug/ml

(f)=RT Delta > 1/2 Window

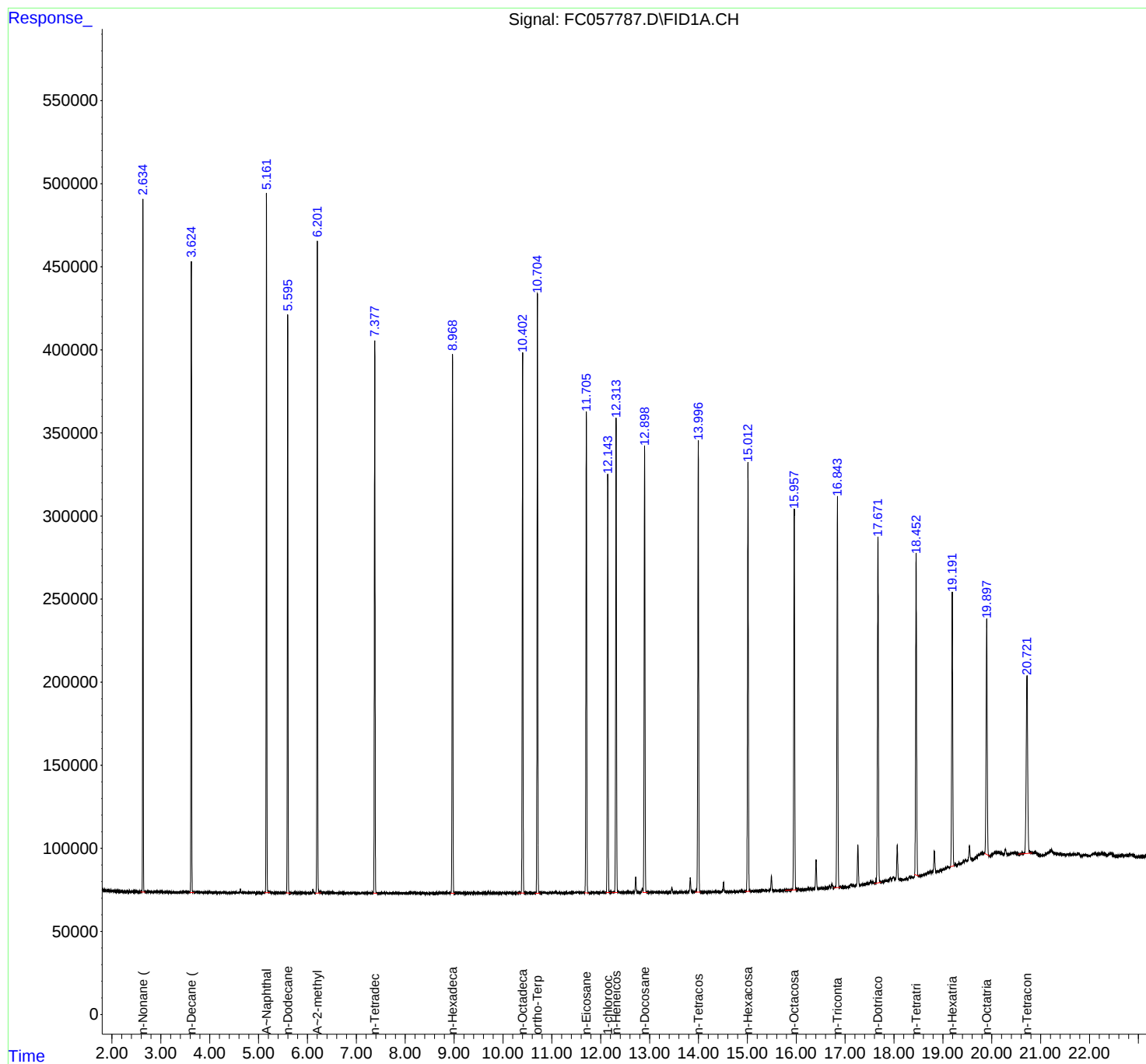
(m)=manual int.

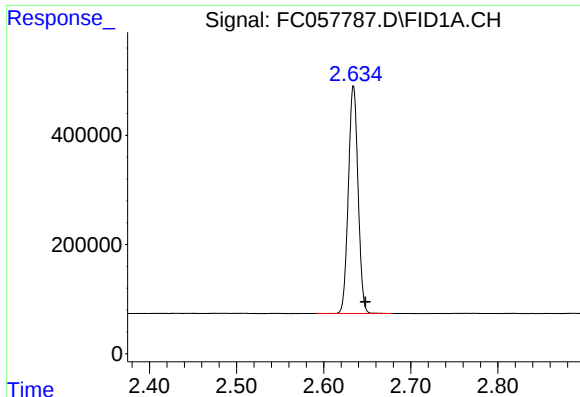
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011022AL\
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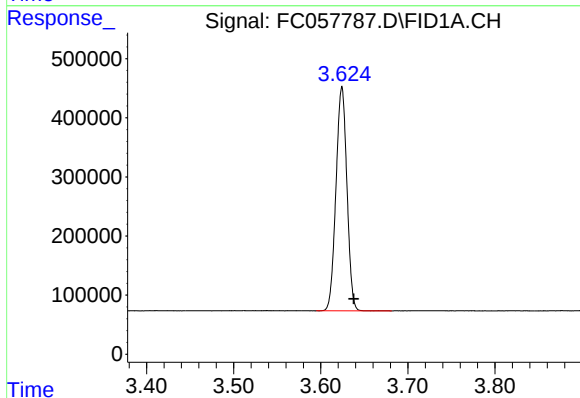




#1 n-Nonane (C9)

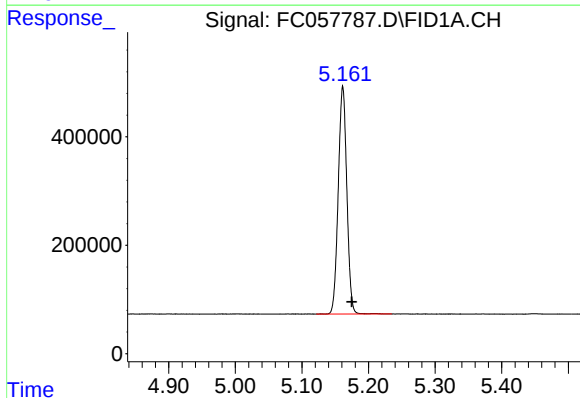
R.T.: 2.634 min
Delta R.T.: -0.014 min
Response: 3234789
Conc: 20.23 ug/ml

Instrument :
FID_C
ClientSampleId :



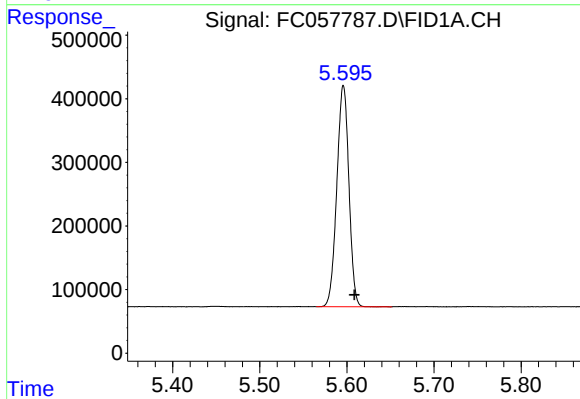
#2 n-Decane (C10)

R.T.: 3.624 min
Delta R.T.: -0.014 min
Response: 3314106
Conc: 20.62 ug/ml



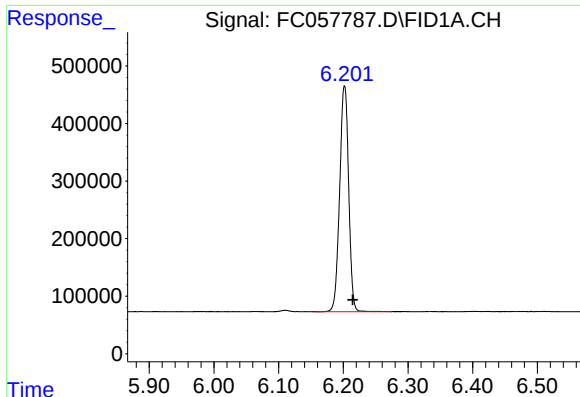
#3 A~Naphthalene (C11.7)

R.T.: 5.161 min
Delta R.T.: -0.013 min
Response: 3757081
Conc: 20.69 ug/ml



#4 n-Dodecane (C12)

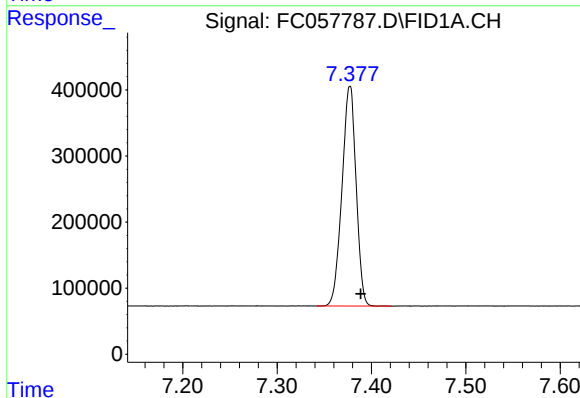
R.T.: 5.596 min
Delta R.T.: -0.013 min
Response: 3350930
Conc: 20.78 ug/ml



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

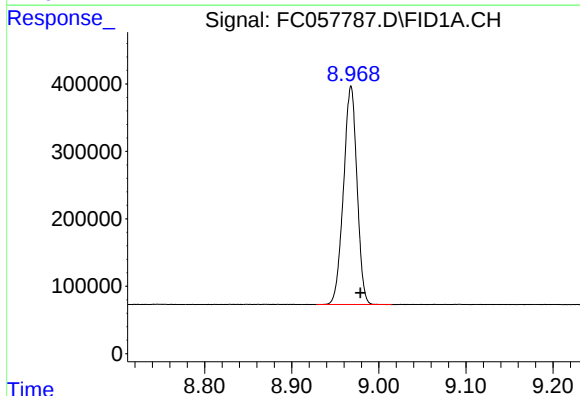
R.T.: 6.202 min
Delta R.T.: -0.013 min
Response: 3800347
Conc: 20.78 ug/ml

Instrument :
FID_C
ClientSampleId :



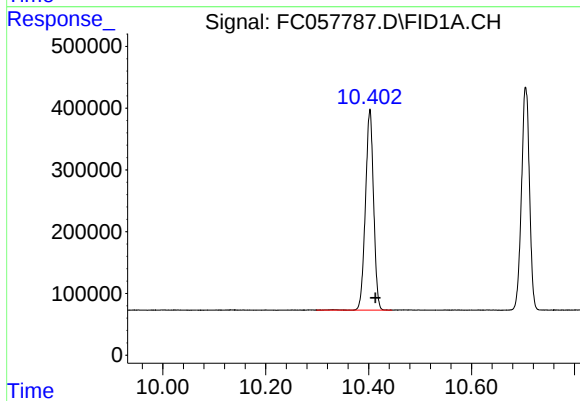
#6 n-Tetradecane (C14)

R.T.: 7.377 min
Delta R.T.: -0.012 min
Response: 3458943
Conc: 20.95 ug/ml



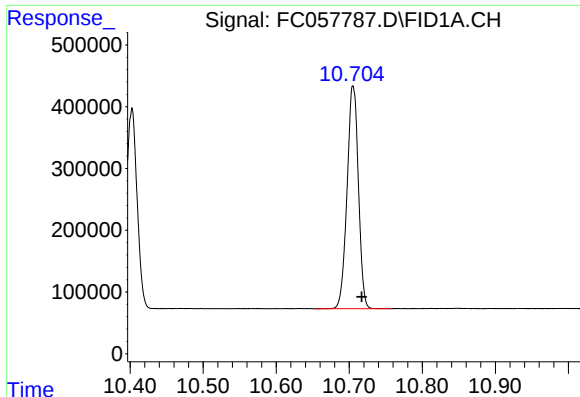
#7 n-Hexadecane (C16)

R.T.: 8.968 min
Delta R.T.: -0.011 min
Response: 3492467
Conc: 20.91 ug/ml



#8 n-Octadecane (C18)

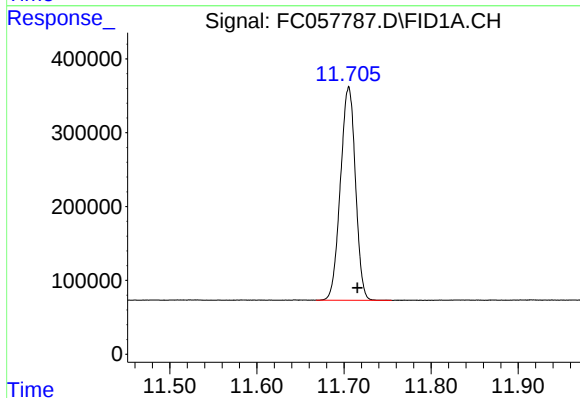
R.T.: 10.402 min
Delta R.T.: -0.011 min
Response: 3554235
Conc: 20.65 ug/ml



#9 ortho-Terphenyl (SURR)

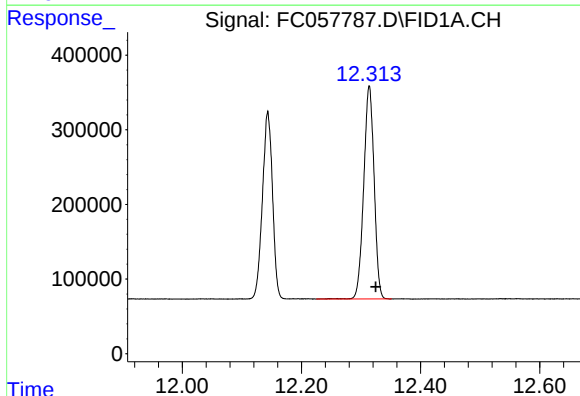
R.T.: 10.705 min
Delta R.T.: -0.012 min
Response: 3889614
Conc: 20.12 ug/ml

Instrument :
FID_C
ClientSampleId :



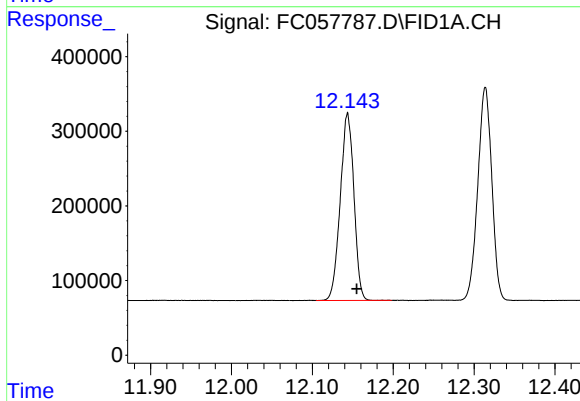
#10 n-Eicosane (C20)

R.T.: 11.705 min
Delta R.T.: -0.010 min
Response: 3459795
Conc: 20.21 ug/ml



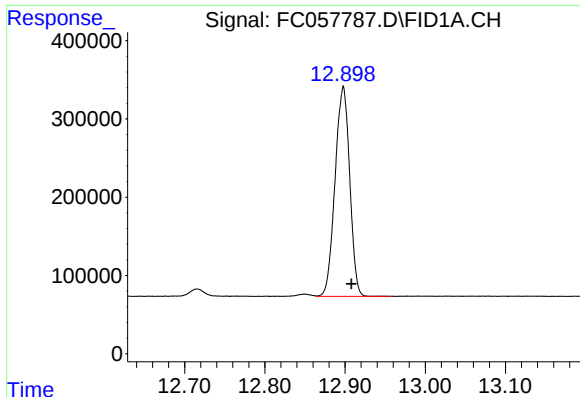
#11 n-Heneicosane (C21)

R.T.: 12.314 min
Delta R.T.: -0.011 min
Response: 3449236
Conc: 19.95 ug/ml



#12 1-chlorooctadecane (SURR)

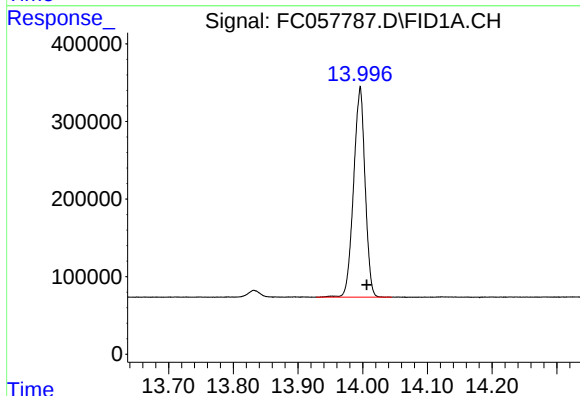
R.T.: 12.144 min
Delta R.T.: -0.011 min
Response: 2937934
Conc: 19.93 ug/ml



#13 n-Docosane (C22)

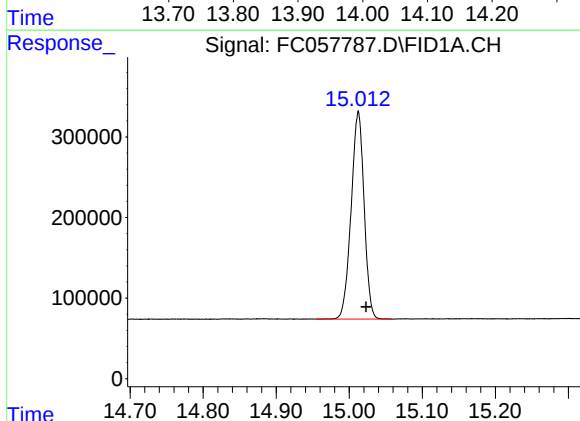
R.T.: 12.898 min
Delta R.T.: -0.010 min
Response: 3391833
Conc: 19.61 ug/ml

Instrument :
FID_C
ClientSampleId :



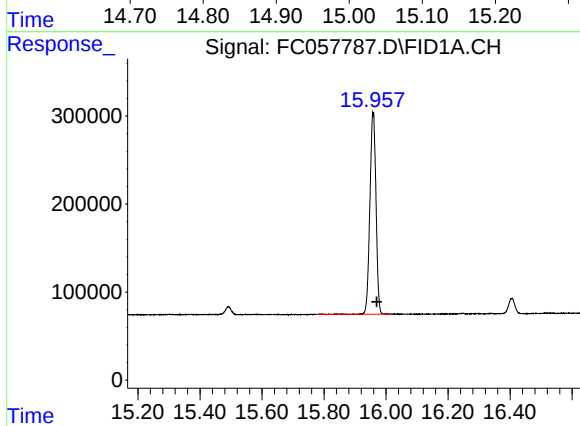
#14 n-Tetracosane (C24)

R.T.: 13.996 min
Delta R.T.: -0.011 min
Response: 3343724
Conc: 19.32 ug/ml



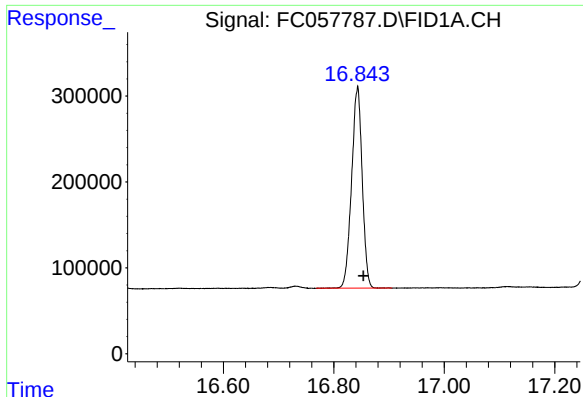
#15 n-Hexacosane (C26)

R.T.: 15.012 min
Delta R.T.: -0.011 min
Response: 3177859
Conc: 18.88 ug/ml



#16 n-Octacosane (C28)

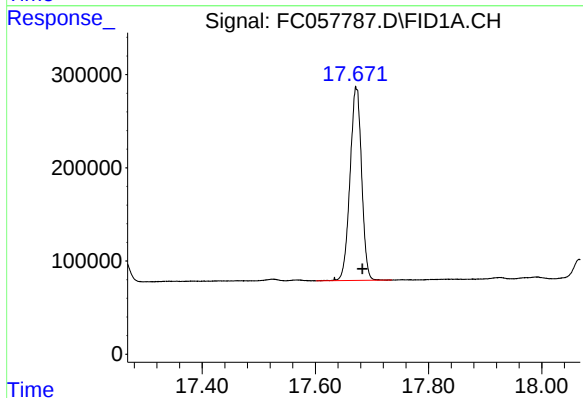
R.T.: 15.958 min
Delta R.T.: -0.011 min
Response: 3116912
Conc: 19.05 ug/ml



#17 n-Tricontane (C30)

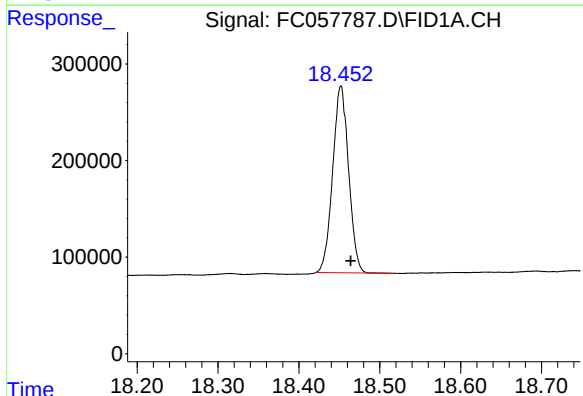
R.T.: 16.843 min
Delta R.T.: -0.011 min
Response: 3129556
Conc: 20.05 ug/ml

Instrument :
FID_C
ClientSampleId :



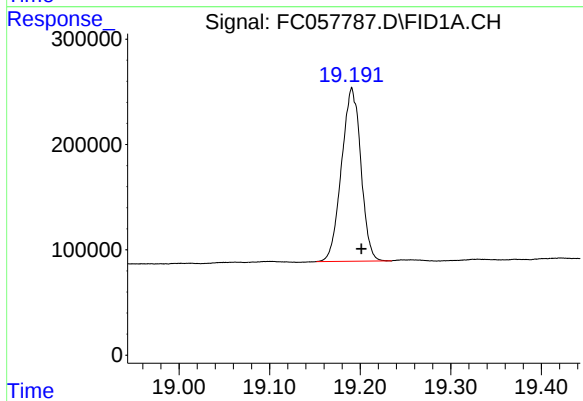
#18 n-Dotriacontane (C32)

R.T.: 17.672 min
Delta R.T.: -0.011 min
Response: 2948173
Conc: 21.15 ug/ml



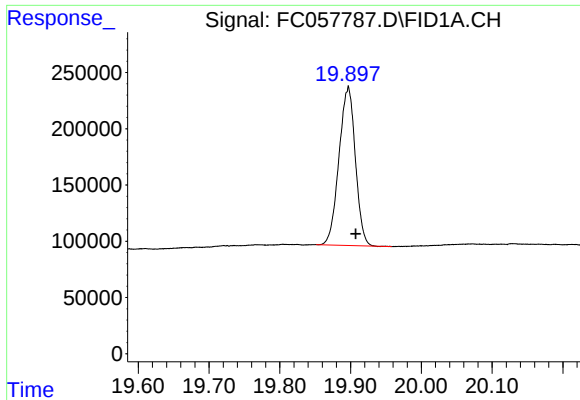
#19 n-Tetratriacontane (C34)

R.T.: 18.452 min
Delta R.T.: -0.012 min
Response: 2642418
Conc: 21.26 ug/ml



#20 n-Hexatriacontane (C36)

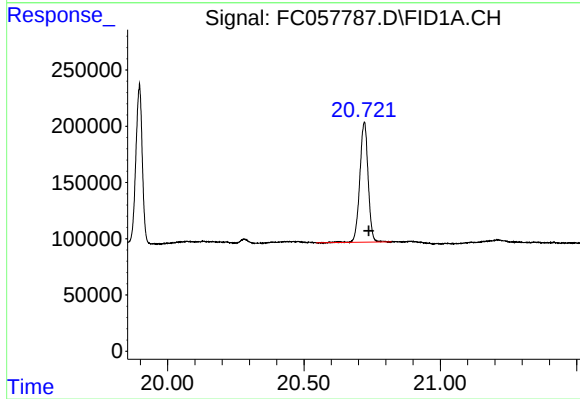
R.T.: 19.191 min
Delta R.T.: -0.010 min
Response: 2435879
Conc: 21.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.897 min
Delta R.T.: -0.011 min
Response: 2259362
Conc: 21.66 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.721 min
Delta R.T.: -0.016 min
Response: 2262914
Conc: 23.63 ug/ml