

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050922AL\
 Data File : FC059657.D
 Signal(s) : FID1A.CH
 Acq On : 10 May 2022 8:53
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 10 09:16:21 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050522.M
 Quant Title : GC Extractables
 QLast Update : Mon May 09 11:12:42 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)	10.669	3198829	21.784 ug/ml
Spiked Amount 50.000		Recovery =	43.57%
12) S 1-chlorooctadecane (S...	12.037	2520978	21.906 ug/ml
Spiked Amount 50.000		Recovery =	43.81%
Target Compounds			
1) T n-Nonane (C9)	2.642	2794752	21.885 ug/ml
2) T n-Decane (C10)	3.643	2826864	22.321 ug/ml
3) T A~Naphthalene (C11.7)	5.182	3257064	22.120 ug/ml
4) T n-Dodecane (C12)	5.597	2928745	22.270 ug/ml
5) T A~2-methylnaphthalene...	6.206	3347167	22.267 ug/ml
6) T n-Tetradecane (C14)	7.349	2993099	22.244 ug/ml
7) T n-Hexadecane (C16)	8.913	3038711	22.146 ug/ml
8) T n-Octadecane (C18)	10.322	3043920	22.088 ug/ml
10) T n-Eicosane (C20)	11.602	2962975	22.030 ug/ml
11) T n-Heneicosane (C21)	12.200	2922016	21.904 ug/ml
13) T n-Docosane (C22)	12.772	2880853	21.951 ug/ml
14) T n-Tetracosane (C24)	13.851	2755662	21.901 ug/ml
15) T n-Hexacosane (C26)	14.848	2634215	22.057 ug/ml
16) T n-Octacosane (C28)	15.775	2534632	22.264 ug/ml
17) T n-Tricontane (C30)	16.643	2479338	22.555 ug/ml
18) T n-Dotriacontane (C32)	17.455	2328223	22.520 ug/ml
19) T n-Tetratriacontane (C34)	18.221	1441712	14.767 ug/ml
21) T n-Octatriacontane (C38)	19.626	1824767	19.169 ug/ml
22) T n-Tetracontane (C40)	20.274	1618410	17.096 ug/ml

(f)=RT Delta > 1/2 Window

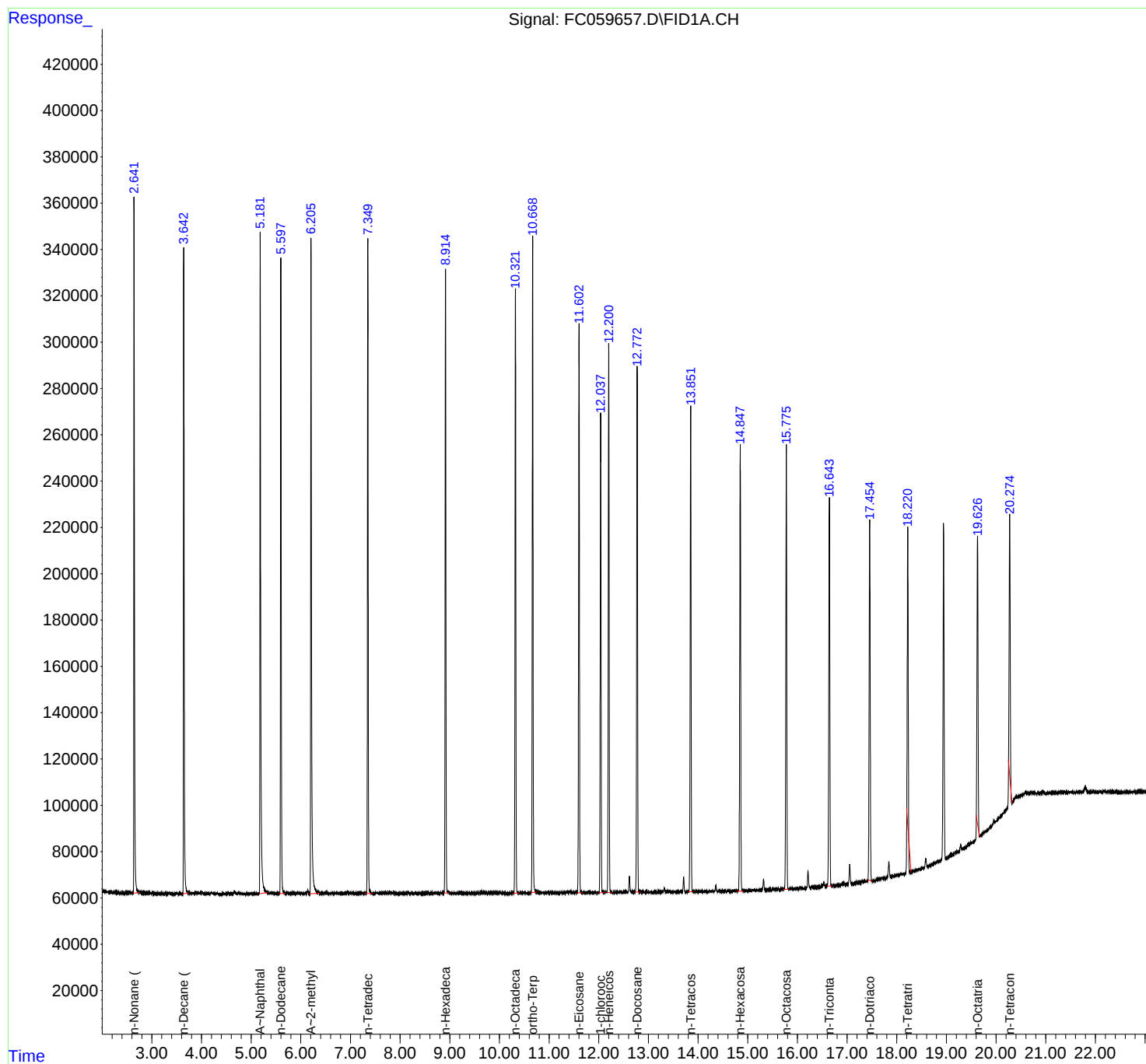
(m)=manual int.

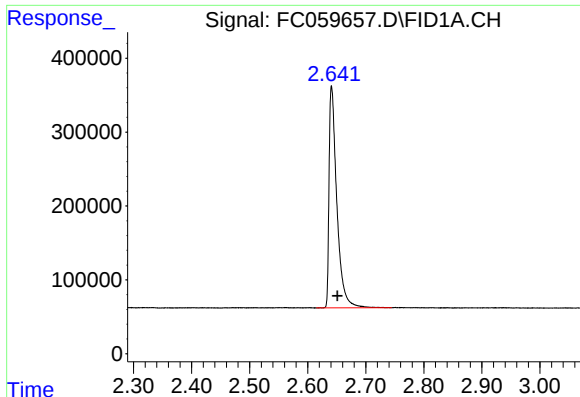
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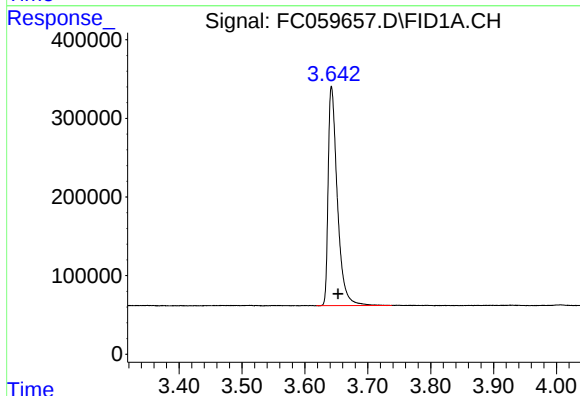




#1 n-Nonane (C9)

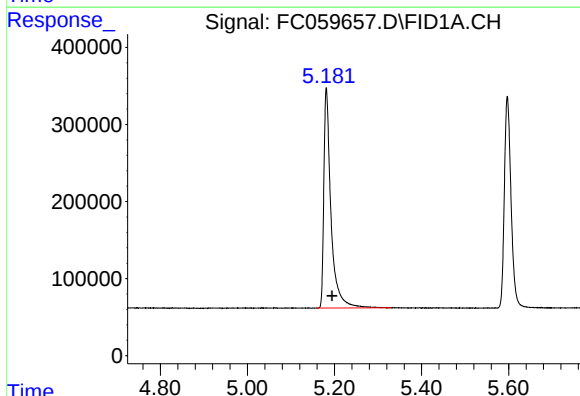
R.T.: 2.642 min
Delta R.T.: -0.009 min
Response: 2794752
Conc: 21.88 ug/ml

Instrument :
FID_C
ClientSampleId :



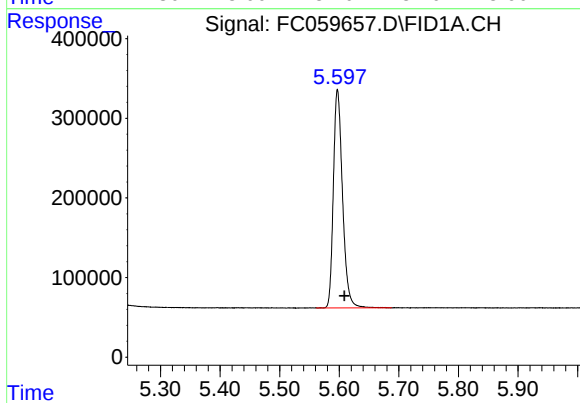
#2 n-Decane (C10)

R.T.: 3.643 min
Delta R.T.: -0.010 min
Response: 2826864
Conc: 22.32 ug/ml



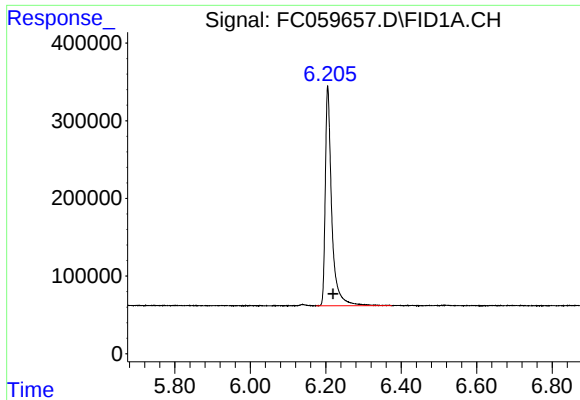
#3 A~Naphthalene (C11.7)

R.T.: 5.182 min
Delta R.T.: -0.013 min
Response: 3257064
Conc: 22.12 ug/ml



#4 n-Dodecane (C12)

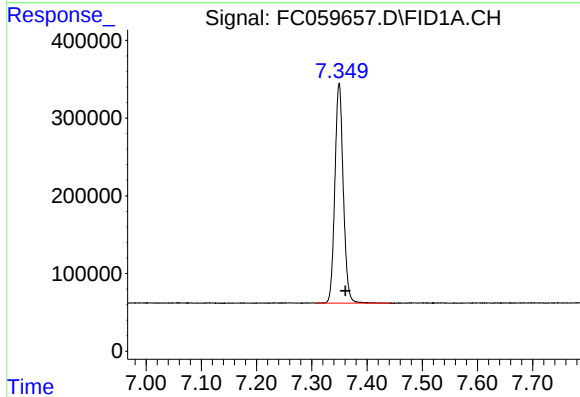
R.T.: 5.597 min
Delta R.T.: -0.011 min
Response: 2928745
Conc: 22.27 ug/ml



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

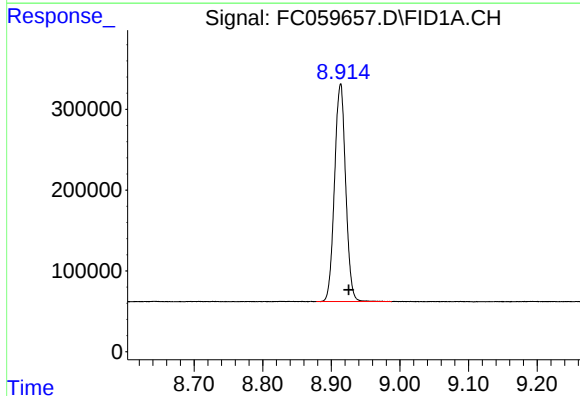
R.T.: 6.206 min
Delta R.T.: -0.013 min
Response: 3347167
Conc: 22.27 ug/ml

Instrument :
FID_C
ClientSampleId :



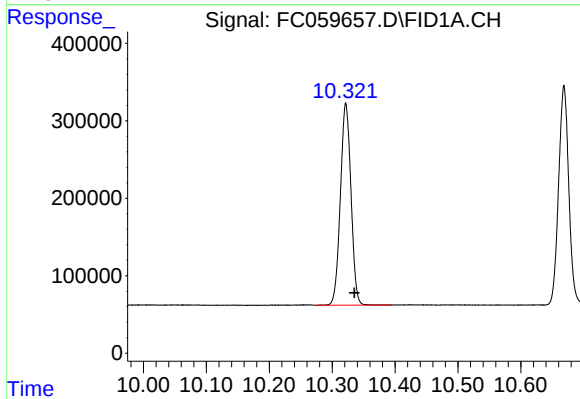
#6 n-Tetradecane (C14)

R.T.: 7.349 min
Delta R.T.: -0.011 min
Response: 2993099
Conc: 22.24 ug/ml



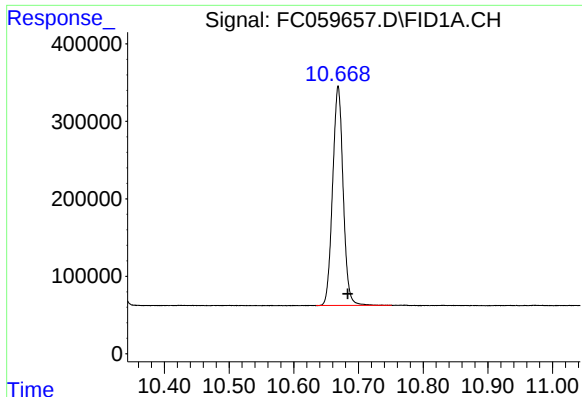
#7 n-Hexadecane (C16)

R.T.: 8.913 min
Delta R.T.: -0.012 min
Response: 3038711
Conc: 22.15 ug/ml



#8 n-Octadecane (C18)

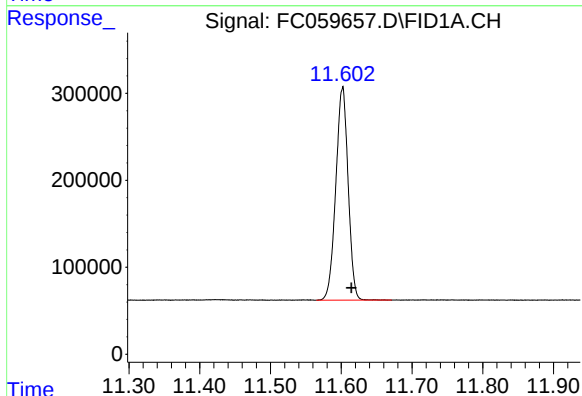
R.T.: 10.322 min
Delta R.T.: -0.013 min
Response: 3043920
Conc: 22.09 ug/ml



#9 ortho-Terphenyl (SURR)

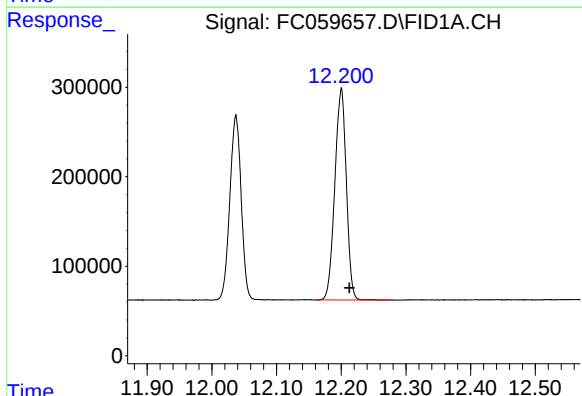
R.T.: 10.669 min
Delta R.T.: -0.015 min
Response: 3198829
Conc: 21.78 ug/ml

Instrument :
FID_C
ClientSampleId :



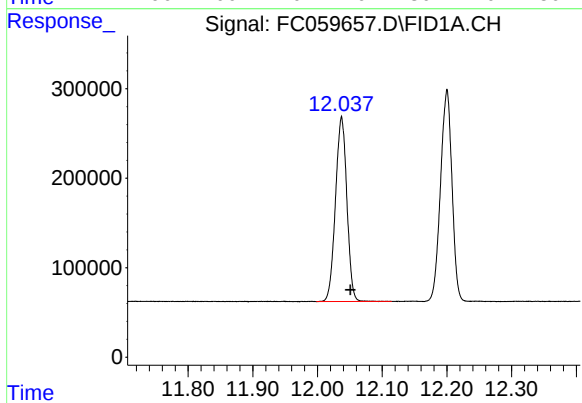
#10 n-Eicosane (C20)

R.T.: 11.602 min
Delta R.T.: -0.013 min
Response: 2962975
Conc: 22.03 ug/ml



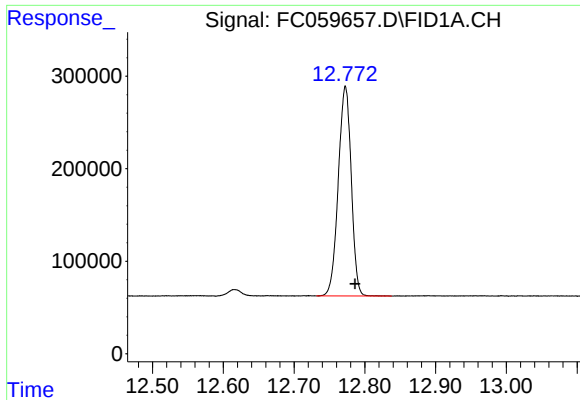
#11 n-Heneicosane (C21)

R.T.: 12.200 min
Delta R.T.: -0.013 min
Response: 2922016
Conc: 21.90 ug/ml



#12 1-chlorooctadecane (SURR)

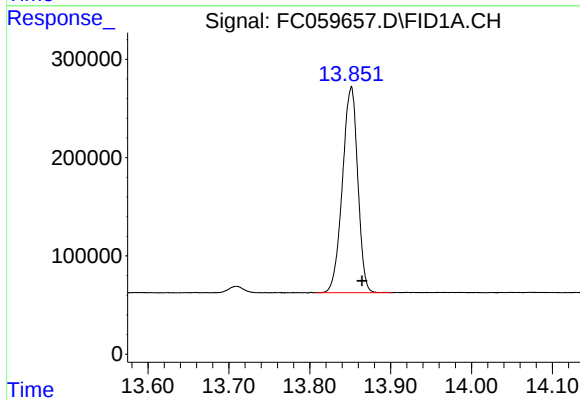
R.T.: 12.037 min
Delta R.T.: -0.014 min
Response: 2520978
Conc: 21.91 ug/ml



#13 n-Docosane (C22)

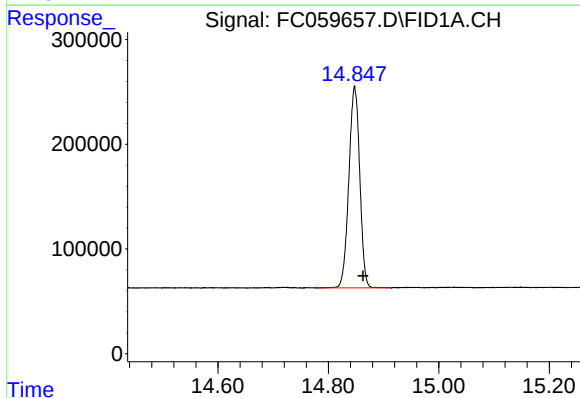
R.T.: 12.772 min
Delta R.T.: -0.014 min
Response: 2880853
Conc: 21.95 ug/ml

Instrument :
FID_C
ClientSampleId :



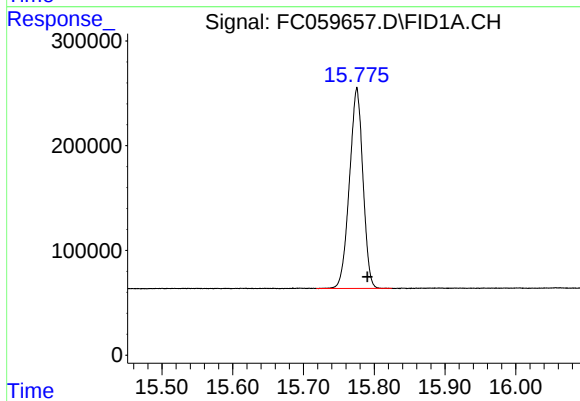
#14 n-Tetracosane (C24)

R.T.: 13.851 min
Delta R.T.: -0.014 min
Response: 2755662
Conc: 21.90 ug/ml



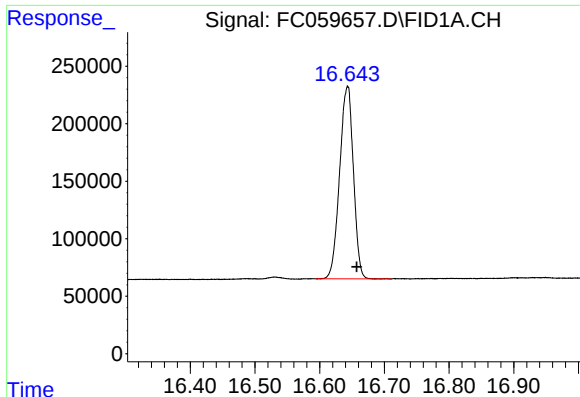
#15 n-Hexacosane (C26)

R.T.: 14.848 min
Delta R.T.: -0.015 min
Response: 2634215
Conc: 22.06 ug/ml



#16 n-Octacosane (C28)

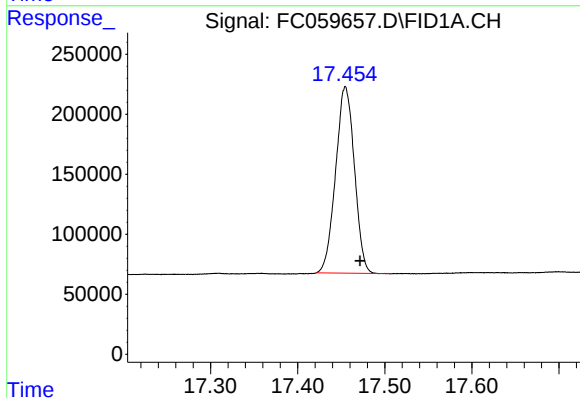
R.T.: 15.775 min
Delta R.T.: -0.015 min
Response: 2534632
Conc: 22.26 ug/ml



#17 n-Tricontane (C30)

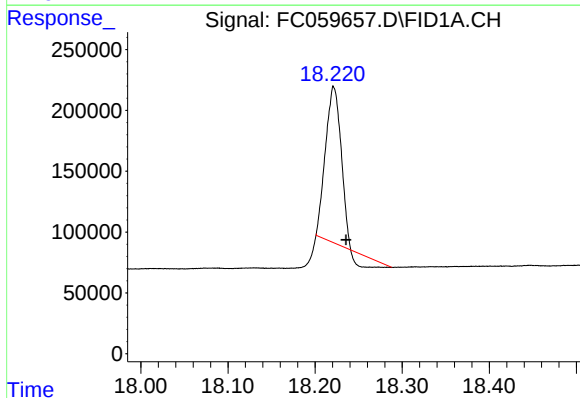
R.T.: 16.643 min
Delta R.T.: -0.015 min
Response: 2479338
Conc: 22.55 ug/ml

Instrument :
FID_C
ClientSampleId :



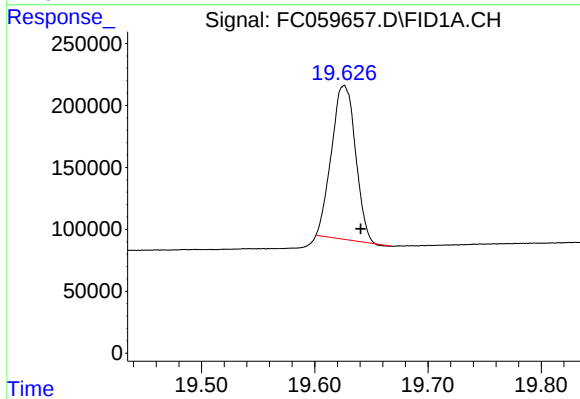
#18 n-Dotriacontane (C32)

R.T.: 17.455 min
Delta R.T.: -0.017 min
Response: 2328223
Conc: 22.52 ug/ml



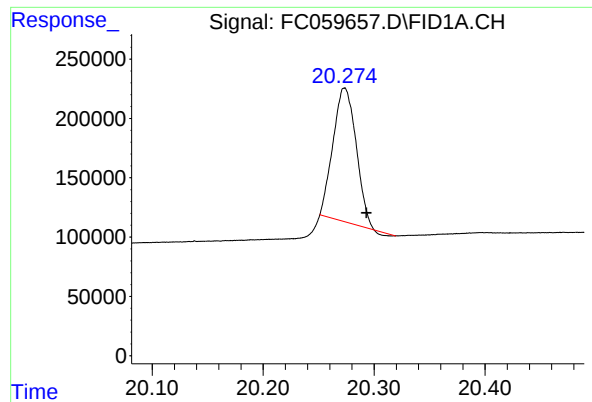
#19 n-Tetratriacontane (C34)

R.T.: 18.221 min
Delta R.T.: -0.014 min
Response: 1441712
Conc: 14.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.626 min
Delta R.T.: -0.015 min
Response: 1824767
Conc: 19.17 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.274 min
Delta R.T.: -0.020 min
Response: 1618410
Conc: 17.10 ug/ml

Instrument :
FID_C
ClientSampleId :