

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC083021AL\
 Data File : FC055443.D
 Signal(s) : FID1A.CH
 Acq On : 30 Aug 2021 20:09
 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: Aug 31 01:39:20 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 083021.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 31 01:37:03 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)	11.664	6211428	49.734 ug/ml
Spiked Amount 50.000		Recovery =	99.47%
12) S 1-chlorooctadecane (S...	13.098	4900879	49.570 ug/ml
Spiked Amount 50.000		Recovery =	99.14%
Target Compounds			
1) T n-Nonane (C9)	3.403	5361123	49.547 ug/ml
2) T n-Decane (C10)	4.473	5419924	49.742 ug/ml
3) T A~Naphthalene (C11.7)	6.064	6126255	49.764 ug/ml
4) T n-Dodecane (C12)	6.497	5429165	49.702 ug/ml
5) T A~2-methylnaphthalene...	7.123	6182062	49.823 ug/ml
6) T n-Tetradecane (C14)	8.295	5532334	49.772 ug/ml
7) T n-Hexadecane (C16)	9.899	5594104	49.682 ug/ml
8) T n-Octadecane (C18)	11.343	5759831	49.596 ug/ml
10) T n-Eicosane (C20)	12.653	5742835	49.494 ug/ml
11) T n-Heneicosane (C21)	13.266	5804982	49.503 ug/ml
13) T n-Docosane (C22)	13.851	5768220	49.588 ug/ml
14) T n-Tetracosane (C24)	14.956	5789834	49.741 ug/ml
15) T n-Hexacosane (C26)	15.977	5661724	49.959 ug/ml
16) T n-Octacosane (C28)	16.929	5551602	50.114 ug/ml
17) T n-Tricontane (C30)	17.816	5346163	50.261 ug/ml
18) T n-Dotriacontane (C32)	18.649	5024085	50.435 ug/ml
19) T n-Tetratriacontane (C34)	19.431	4777329	50.658 ug/ml
20) T n-Hexatriacontane (C36)	20.171	4409669	50.932 ug/ml
21) T n-Octatriacontane (C38)	20.925	4111516	50.692 ug/ml
22) T n-Tetracontane (C40)	21.870	4076133	50.877 ug/ml

(f)=RT Delta > 1/2 Window

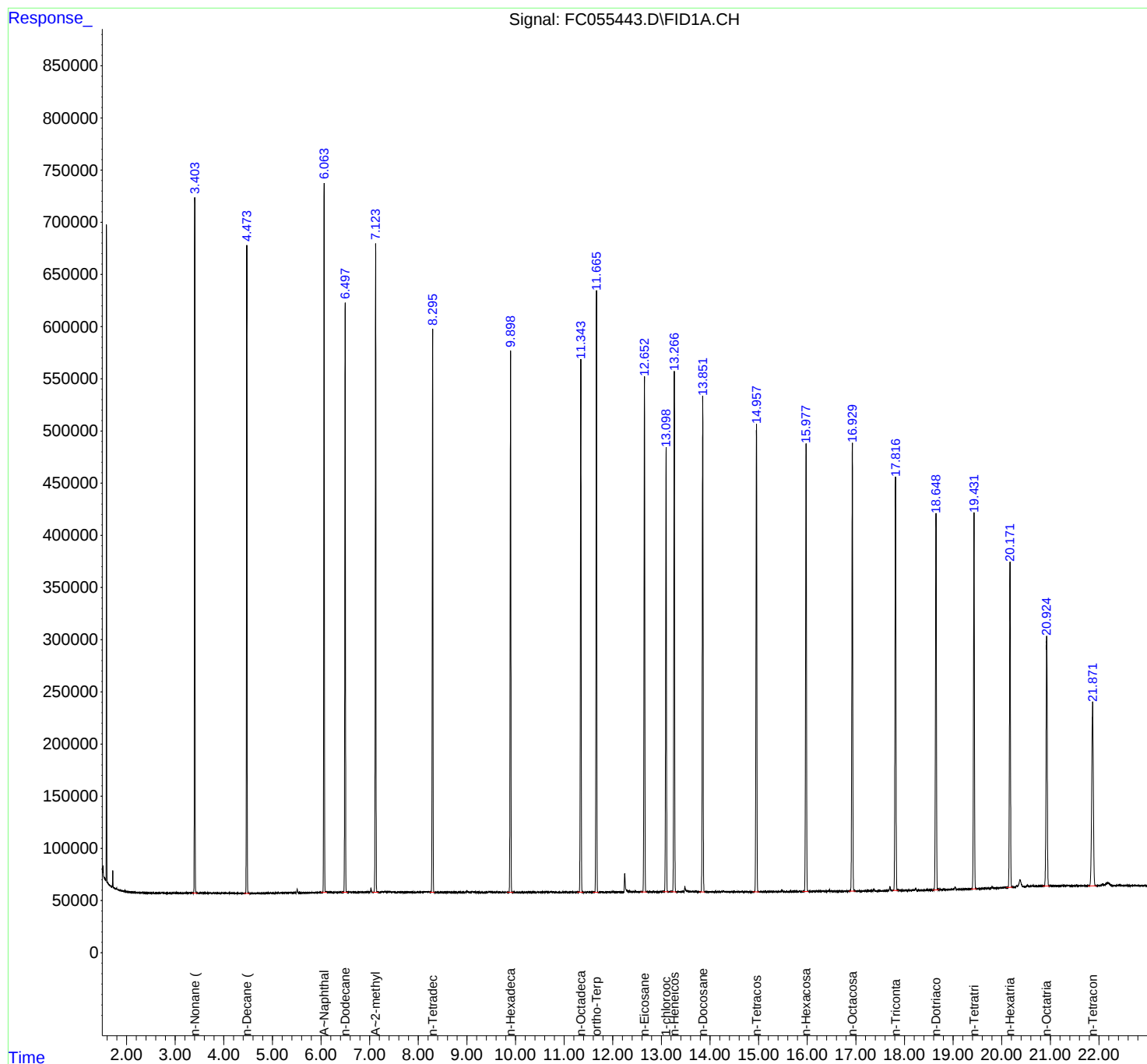
(m)=manual int.

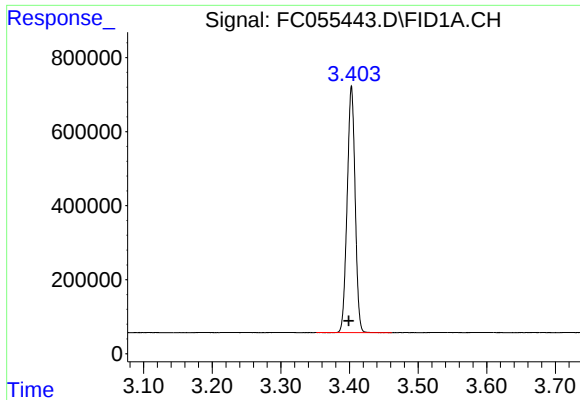
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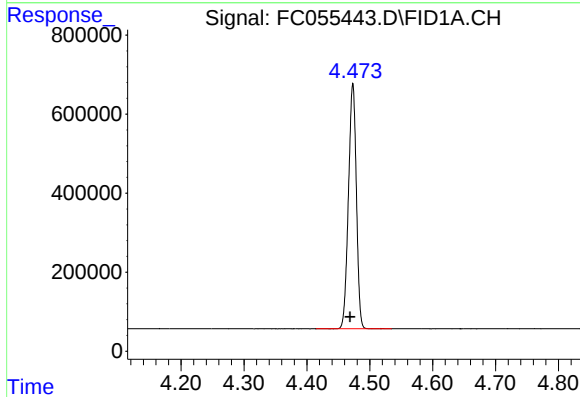




#1 n-Nonane (C9)

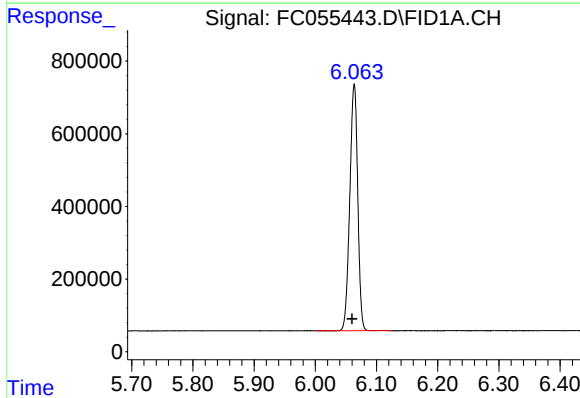
R.T.: 3.403 min
Delta R.T.: 0.004 min
Response: 5361123
Conc: 49.55 ug/ml

Instrument :
FID_C
ClientSampleId :



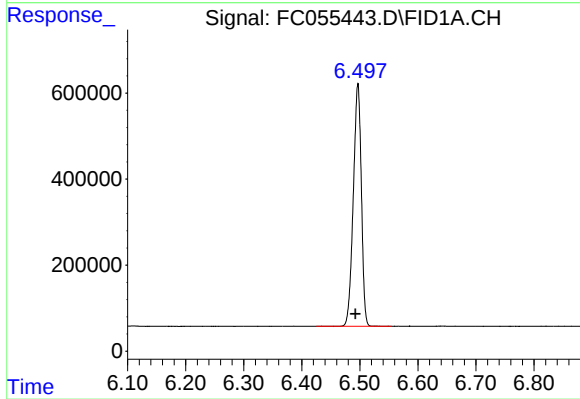
#2 n-Decane (C10)

R.T.: 4.473 min
Delta R.T.: 0.004 min
Response: 5419924
Conc: 49.74 ug/ml



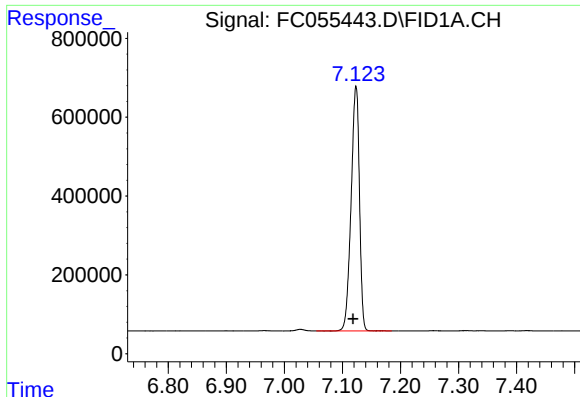
#3 A~Naphthalene (C11.7)

R.T.: 6.064 min
Delta R.T.: 0.003 min
Response: 6126255
Conc: 49.76 ug/ml



#4 n-Dodecane (C12)

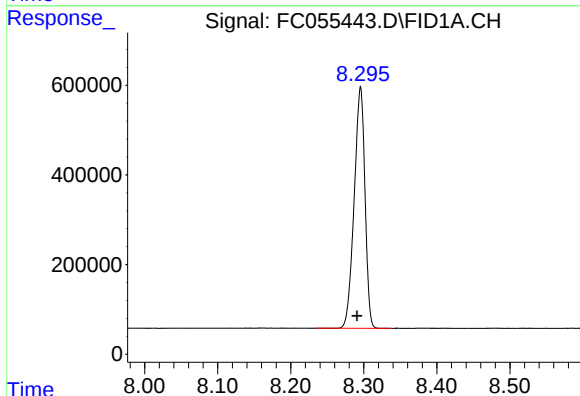
R.T.: 6.497 min
Delta R.T.: 0.004 min
Response: 5429165
Conc: 49.70 ug/ml



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

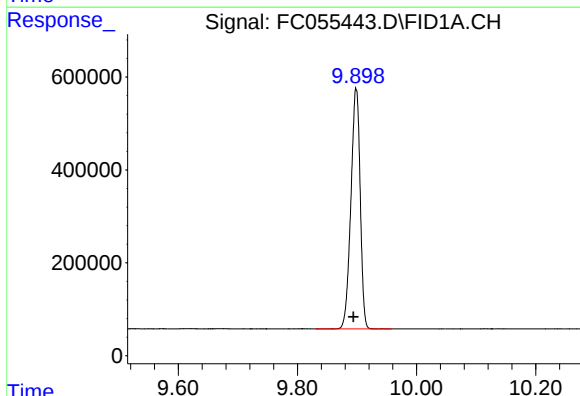
R.T.: 7.123 min
Delta R.T.: 0.005 min
Response: 6182062
Conc: 49.82 ug/ml

Instrument :
FID_C
ClientSampleId :



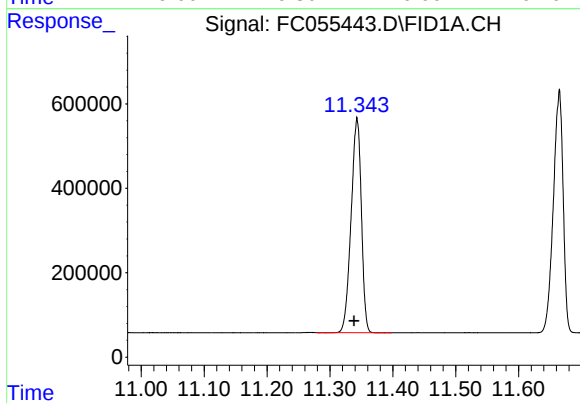
#6 n-Tetradecane (C14)

R.T.: 8.295 min
Delta R.T.: 0.005 min
Response: 5532334
Conc: 49.77 ug/ml



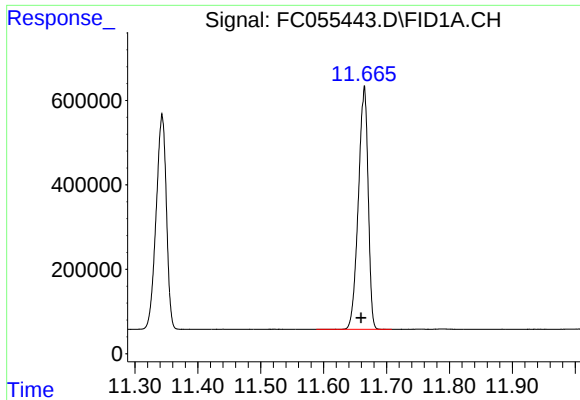
#7 n-Hexadecane (C16)

R.T.: 9.899 min
Delta R.T.: 0.004 min
Response: 5594104
Conc: 49.68 ug/ml



#8 n-Octadecane (C18)

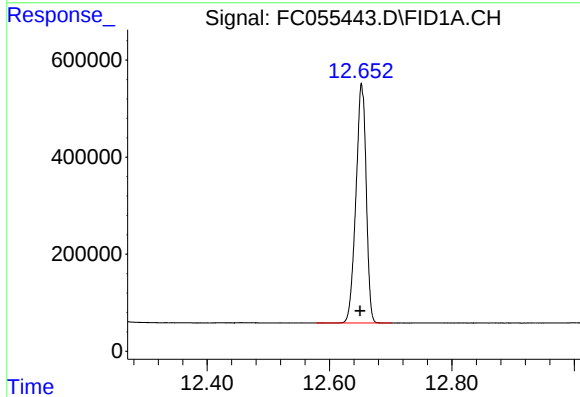
R.T.: 11.343 min
Delta R.T.: 0.004 min
Response: 5759831
Conc: 49.60 ug/ml



#9 ortho-Terphenyl (SURR)

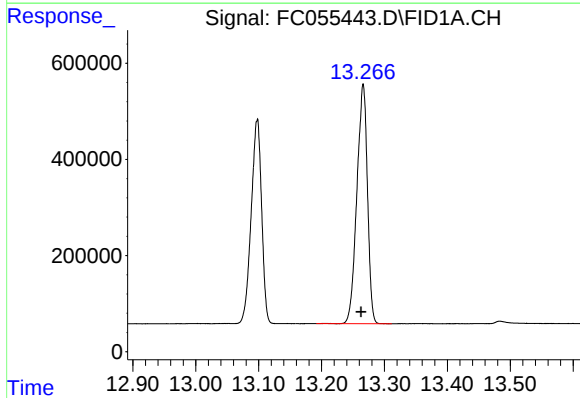
R.T.: 11.664 min
Delta R.T.: 0.005 min
Response: 6211428
Conc: 49.73 ug/ml

Instrument :
FID_C
ClientSampleId :



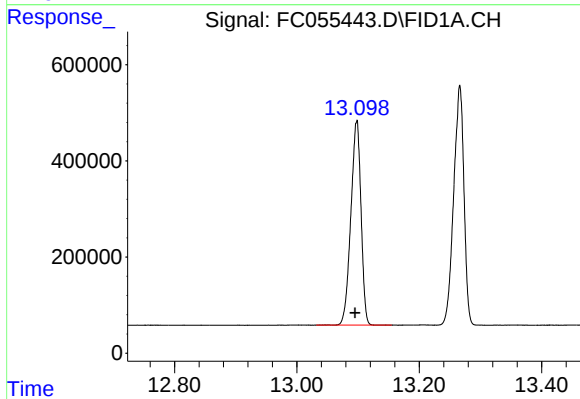
#10 n-Eicosane (C20)

R.T.: 12.653 min
Delta R.T.: 0.003 min
Response: 5742835
Conc: 49.49 ug/ml



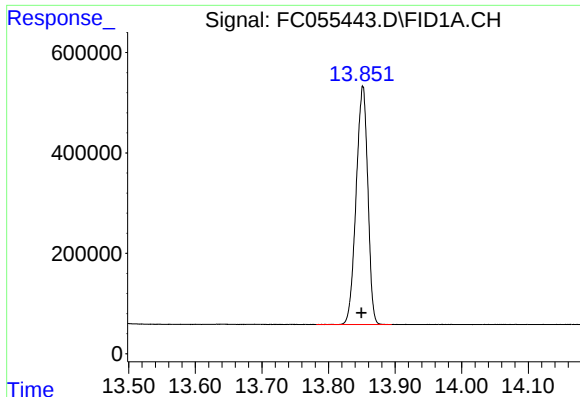
#11 n-Heneicosane (C21)

R.T.: 13.266 min
Delta R.T.: 0.003 min
Response: 5804982
Conc: 49.50 ug/ml



#12 1-chlorooctadecane (SURR)

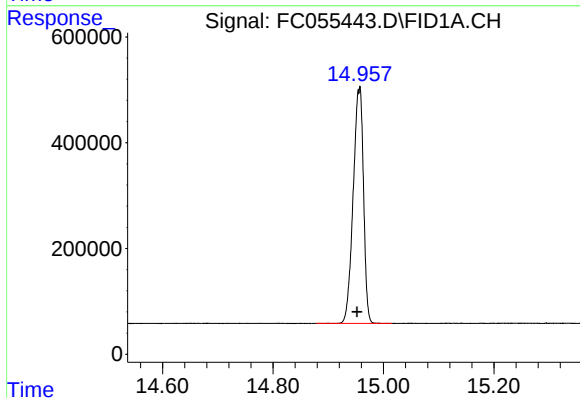
R.T.: 13.098 min
Delta R.T.: 0.002 min
Response: 4900879
Conc: 49.57 ug/ml



#13 n-Docosane (C22)

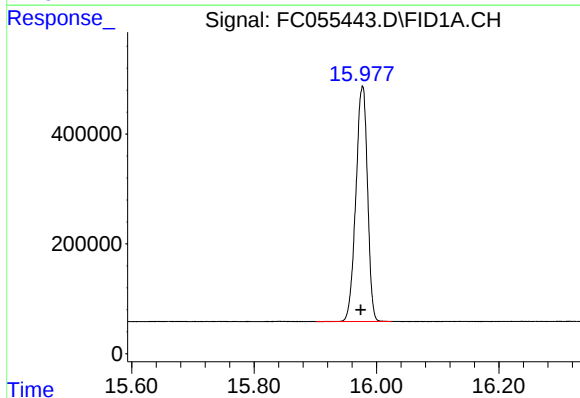
R.T.: 13.851 min
Delta R.T.: 0.002 min
Response: 5768220
Conc: 49.59 ug/ml

Instrument :
FID_C
ClientSampleId :



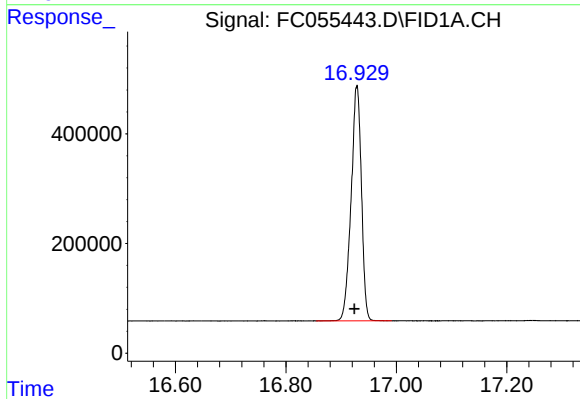
#14 n-Tetracosane (C24)

R.T.: 14.956 min
Delta R.T.: 0.003 min
Response: 5789834
Conc: 49.74 ug/ml



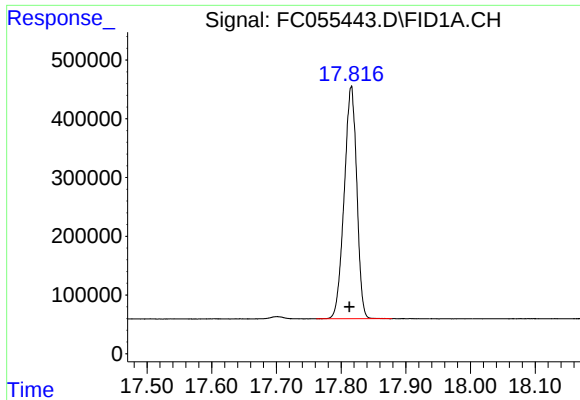
#15 n-Hexacosane (C26)

R.T.: 15.977 min
Delta R.T.: 0.003 min
Response: 5661724
Conc: 49.96 ug/ml



#16 n-Octacosane (C28)

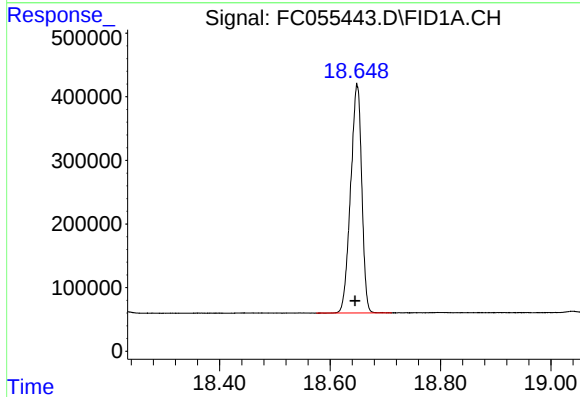
R.T.: 16.929 min
Delta R.T.: 0.005 min
Response: 5551602
Conc: 50.11 ug/ml



#17 n-Tricontane (C30)

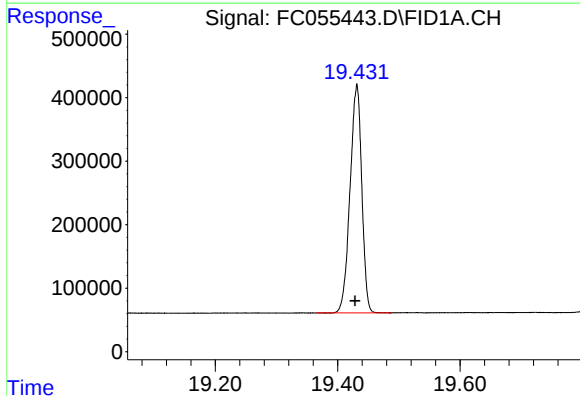
R.T.: 17.816 min
Delta R.T.: 0.002 min
Response: 5346163
Conc: 50.26 ug/ml

Instrument :
FID_C
ClientSampleId :



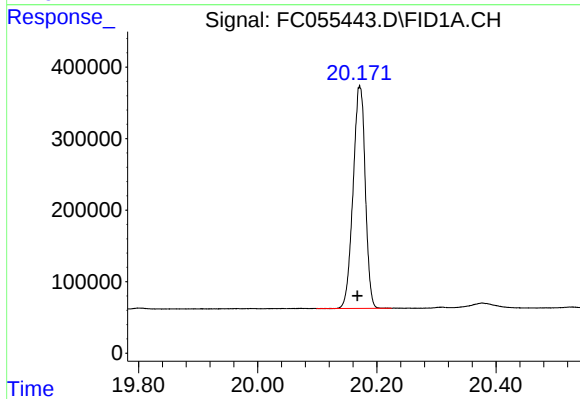
#18 n-Dotriacontane (C32)

R.T.: 18.649 min
Delta R.T.: 0.003 min
Response: 5024085
Conc: 50.43 ug/ml



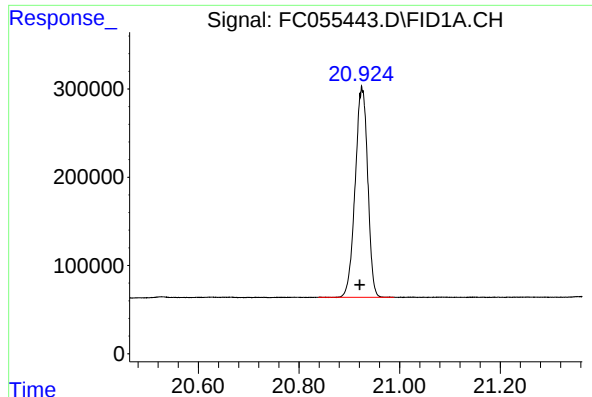
#19 n-Tetratriacontane (C34)

R.T.: 19.431 min
Delta R.T.: 0.002 min
Response: 4777329
Conc: 50.66 ug/ml



#20 n-Hexatriacontane (C36)

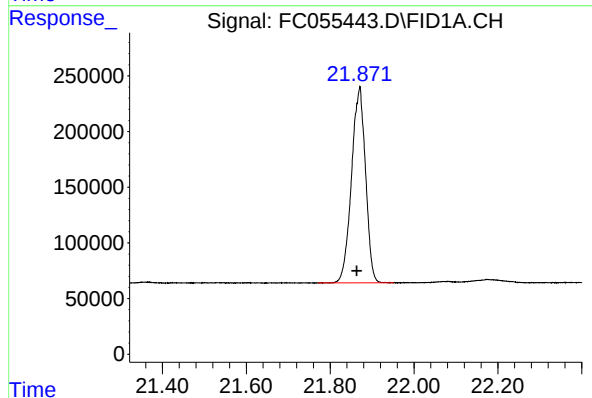
R.T.: 20.171 min
Delta R.T.: 0.004 min
Response: 4409669
Conc: 50.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.925 min
Delta R.T.: 0.004 min
Response: 4111516
Conc: 50.69 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.870 min
Delta R.T.: 0.006 min
Response: 4076133
Conc: 50.88 ug/ml