

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092721AL\
 Data File : FC055867.D
 Signal(s) : FID1A.CH
 Acq On : 28 Sep 2021 11:07
 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: Sep 28 11:50:41 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092021.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 21 03:14:48 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)	11.660	2129208	16.861 ug/ml
Spiked Amount 50.000		Recovery =	33.72%
12) S 1-chlorooctadecane (S...	13.092	1662560	16.826 ug/ml
Spiked Amount 50.000		Recovery =	33.65%
Target Compounds			
1) T n-Nonane (C9)	3.404	2169489	19.521 ug/ml
2) T n-Decane (C10)	4.475	2191432	19.564 ug/ml
3) T A~Naphthalene (C11.7)	6.071	2429521	19.353 ug/ml
4) T n-Dodecane (C12)	6.496	2199926	19.660 ug/ml
5) T A~2-methylnaphthalene...	7.129	2420673	19.146 ug/ml
6) T n-Tetradecane (C14)	8.292	2204856	19.478 ug/ml
7) T n-Hexadecane (C16)	9.893	2165674	18.955 ug/ml
8) T n-Octadecane (C18)	11.336	2134125	17.986 ug/ml
10) T n-Eicosane (C20)	12.646	2020008	17.113 ug/ml
11) T n-Heneicosane (C21)	13.258	1993088	16.706 ug/ml
13) T n-Docosane (C22)	13.844	1926588	16.262 ug/ml
14) T n-Tetracosane (C24)	14.947	1853753	15.666 ug/ml
15) T n-Hexacosane (C26)	15.967	1775848	15.585 ug/ml
16) T n-Octacosane (C28)	16.916	1752588	16.112 ug/ml
17) T n-Tricontane (C30)	17.801	1721671	17.019 ug/ml
18) T n-Dotriacontane (C32)	18.634	1740439	19.047 ug/ml
19) T n-Tetratriacontane (C34)	19.417	1716660	19.879 ug/ml
20) T n-Hexatriacontane (C36)	20.155	1801086	21.176 ug/ml
21) T n-Octatriacontane (C38)	20.903	1728800	22.711 ug/ml
22) T n-Tetracontane (C40)	21.838	1714240	24.473 ug/ml

(f)=RT Delta > 1/2 Window

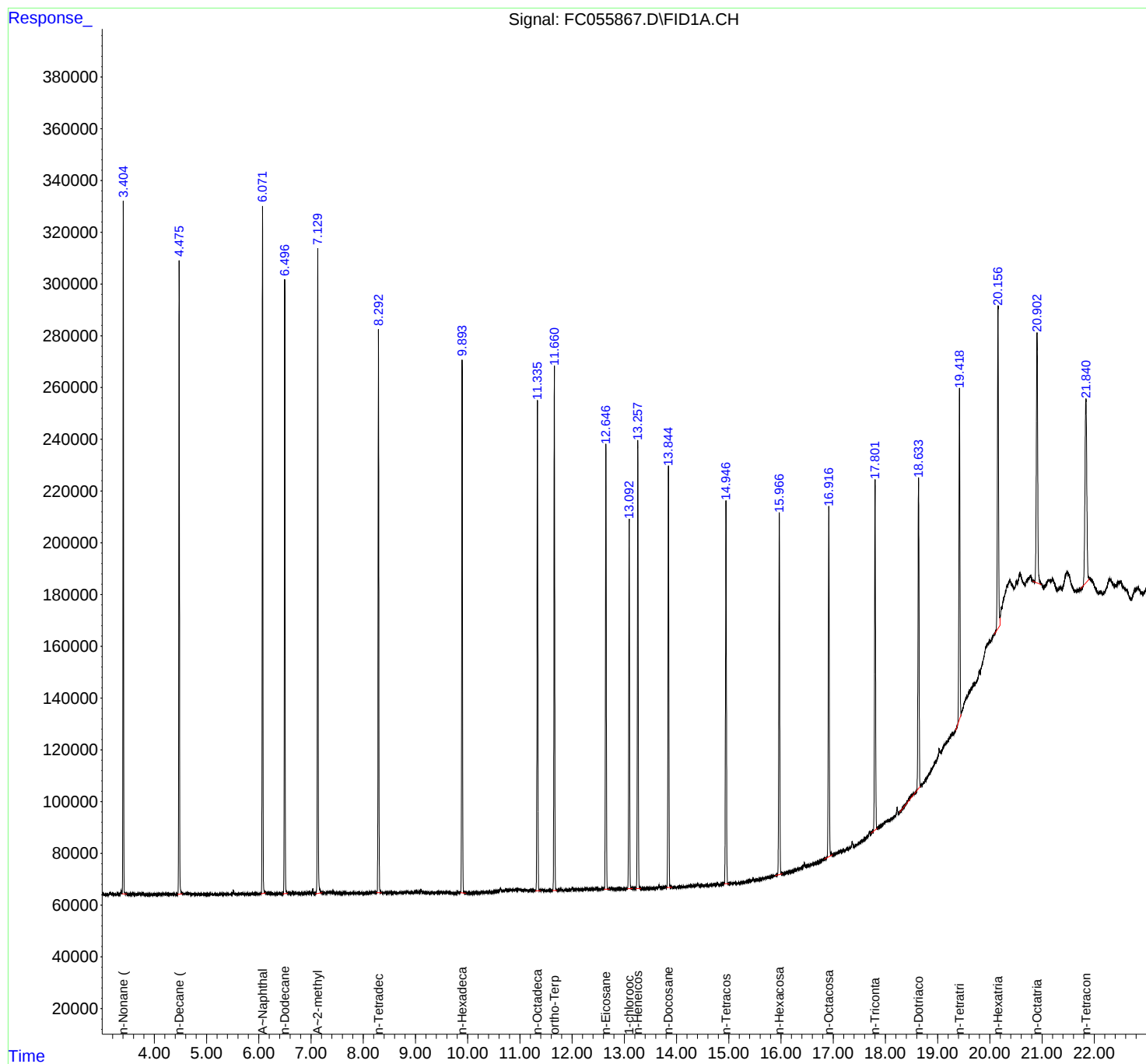
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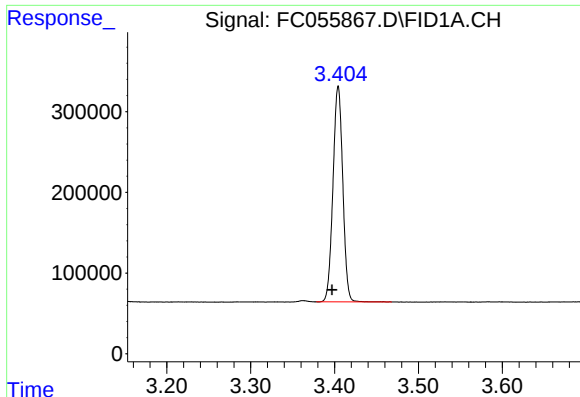
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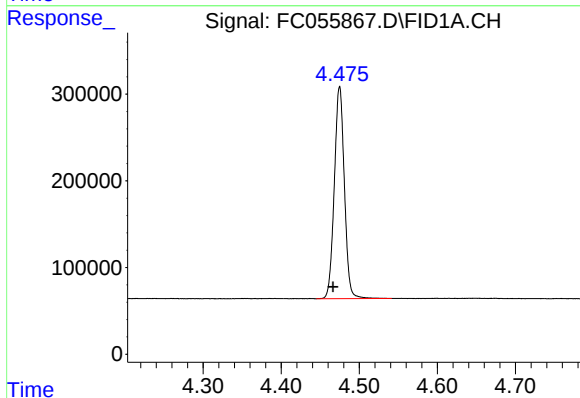




#1 n-Nonane (C9)

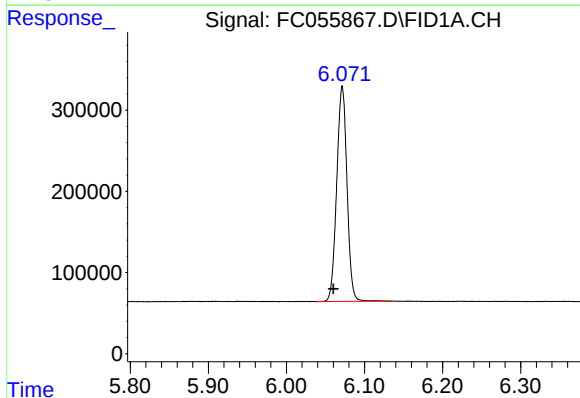
R.T.: 3.404 min
Delta R.T.: 0.007 min
Response: 2169489
Conc: 19.52 ug/ml

Instrument :
FID_C
ClientSampleId :



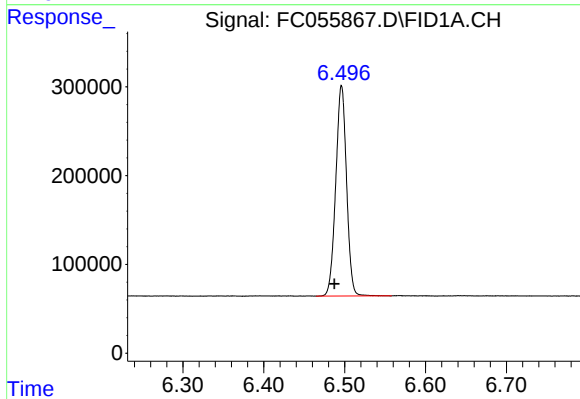
#2 n-Decane (C10)

R.T.: 4.475 min
Delta R.T.: 0.008 min
Response: 2191432
Conc: 19.56 ug/ml



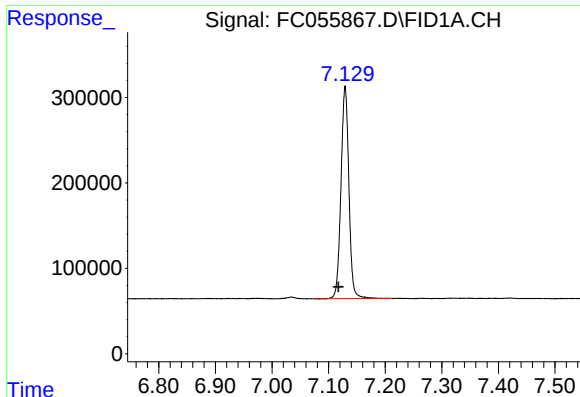
#3 A~Naphthalene (C11.7)

R.T.: 6.071 min
Delta R.T.: 0.011 min
Response: 2429521
Conc: 19.35 ug/ml



#4 n-Dodecane (C12)

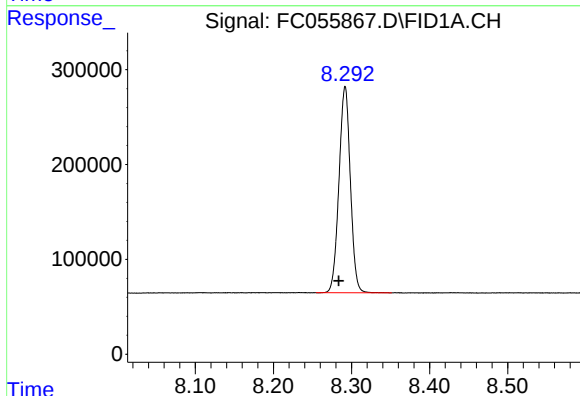
R.T.: 6.496 min
Delta R.T.: 0.009 min
Response: 2199926
Conc: 19.66 ug/ml



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

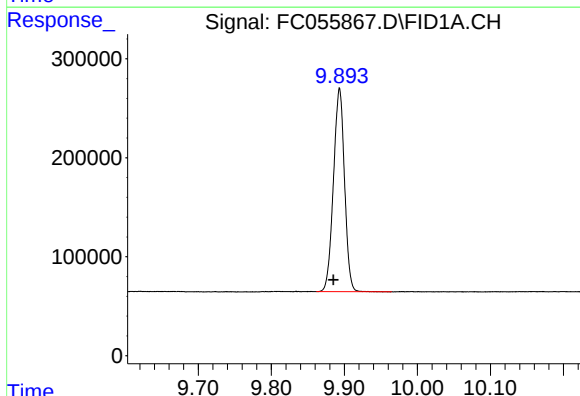
R.T.: 7.129 min
Delta R.T.: 0.012 min
Response: 2420673
Conc: 19.15 ug/ml

Instrument :
FID_C
ClientSampleId :



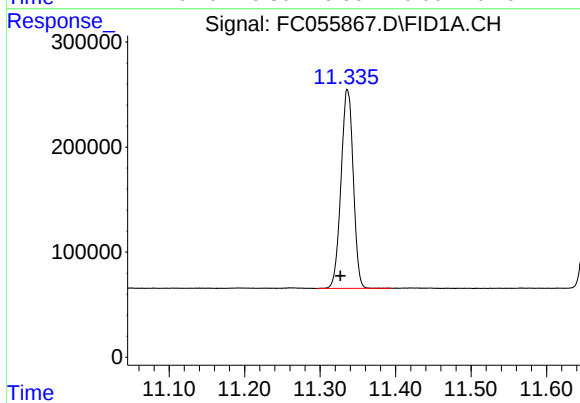
#6 n-Tetradecane (C14)

R.T.: 8.292 min
Delta R.T.: 0.008 min
Response: 2204856
Conc: 19.48 ug/ml



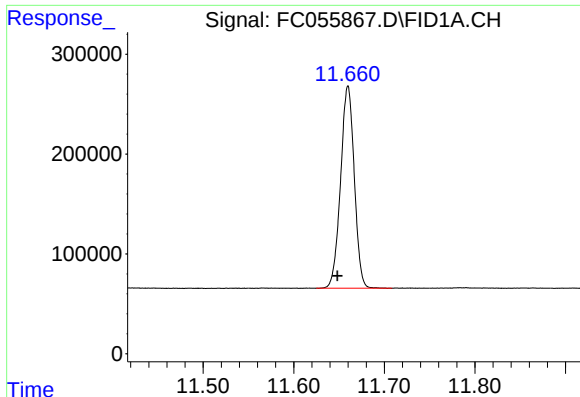
#7 n-Hexadecane (C16)

R.T.: 9.893 min
Delta R.T.: 0.008 min
Response: 2165674
Conc: 18.96 ug/ml



#8 n-Octadecane (C18)

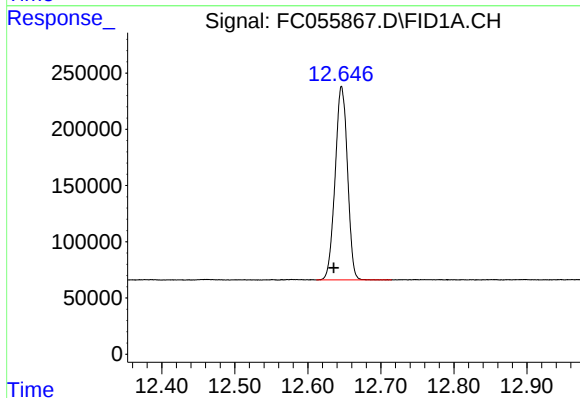
R.T.: 11.336 min
Delta R.T.: 0.009 min
Response: 2134125
Conc: 17.99 ug/ml



#9 ortho-Terphenyl (SURR)

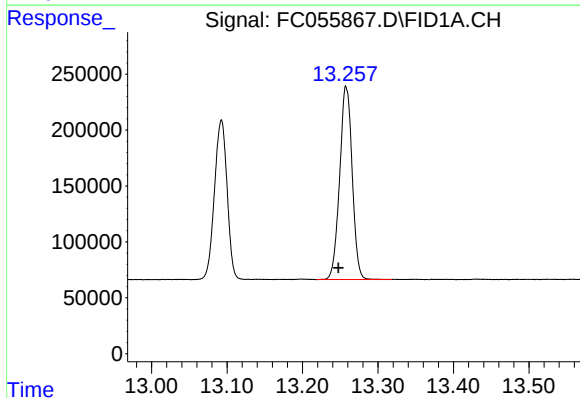
R.T.: 11.660 min
Delta R.T.: 0.011 min
Response: 2129208
Conc: 16.86 ug/ml

Instrument :
FID_C
ClientSampleId :



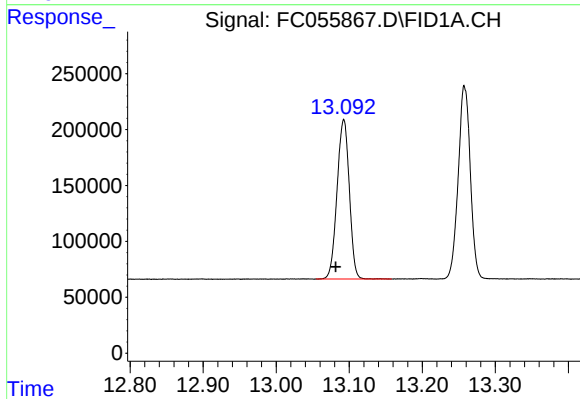
#10 n-Eicosane (C20)

R.T.: 12.646 min
Delta R.T.: 0.011 min
Response: 2020008
Conc: 17.11 ug/ml



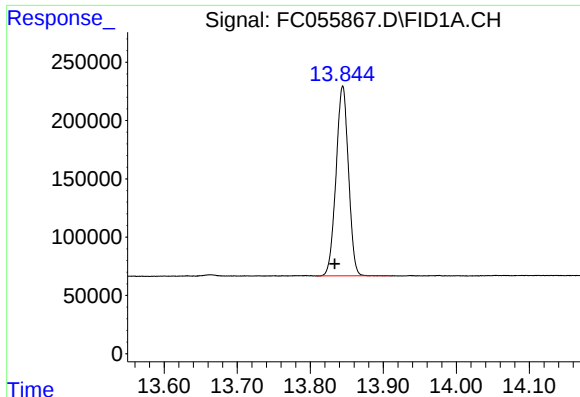
#11 n-Heneicosane (C21)

R.T.: 13.258 min
Delta R.T.: 0.010 min
Response: 1993088
Conc: 16.71 ug/ml



#12 1-chlorooctadecane (SURR)

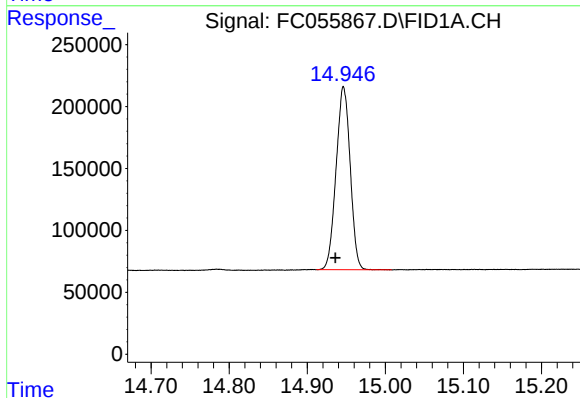
R.T.: 13.092 min
Delta R.T.: 0.011 min
Response: 1662560
Conc: 16.83 ug/ml



#13 n-Docosane (C22)

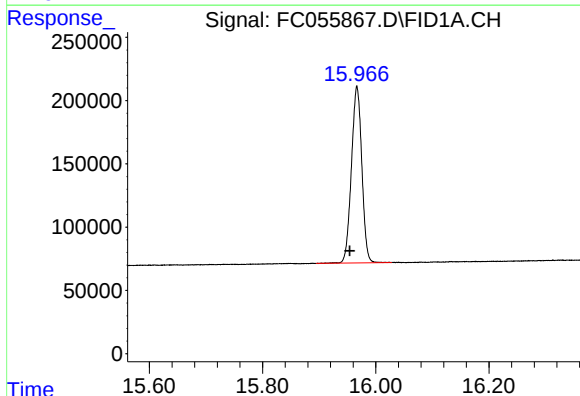
R.T.: 13.844 min
Delta R.T.: 0.011 min
Response: 1926588
Conc: 16.26 ug/ml

Instrument :
FID_C
ClientSampleId :



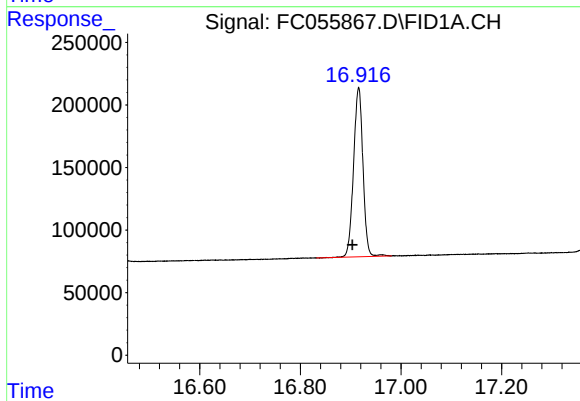
#14 n-Tetracosane (C24)

R.T.: 14.947 min
Delta R.T.: 0.011 min
Response: 1853753
Conc: 15.67 ug/ml



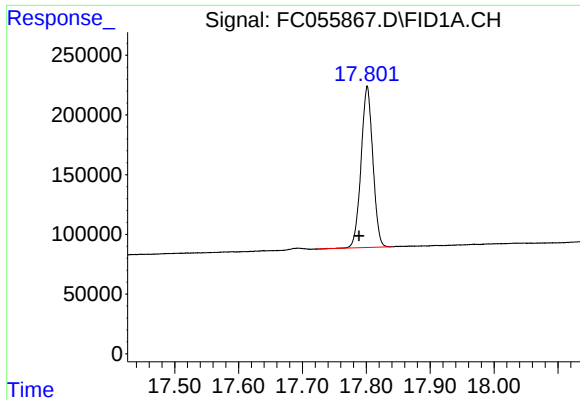
#15 n-Hexacosane (C26)

R.T.: 15.967 min
Delta R.T.: 0.013 min
Response: 1775848
Conc: 15.59 ug/ml



#16 n-Octacosane (C28)

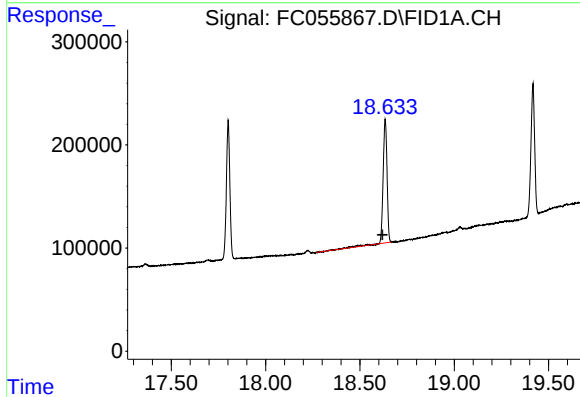
R.T.: 16.916 min
Delta R.T.: 0.013 min
Response: 1752588
Conc: 16.11 ug/ml



#17 n-Tricontane (C30)

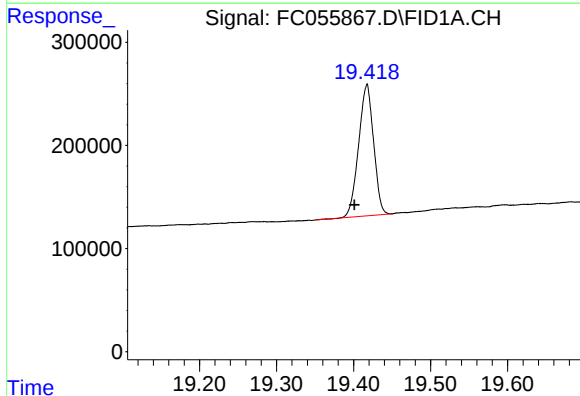
R.T.: 17.801 min
Delta R.T.: 0.013 min
Response: 1721671
Conc: 17.02 ug/ml

Instrument :
FID_C
ClientSampleId :



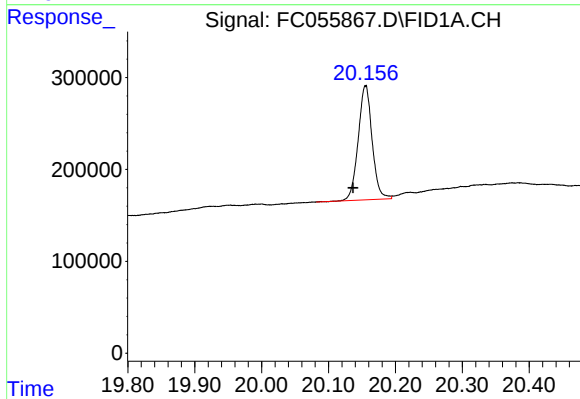
#18 n-Dotriacontane (C32)

R.T.: 18.634 min
Delta R.T.: 0.015 min
Response: 1740439
Conc: 19.05 ug/ml



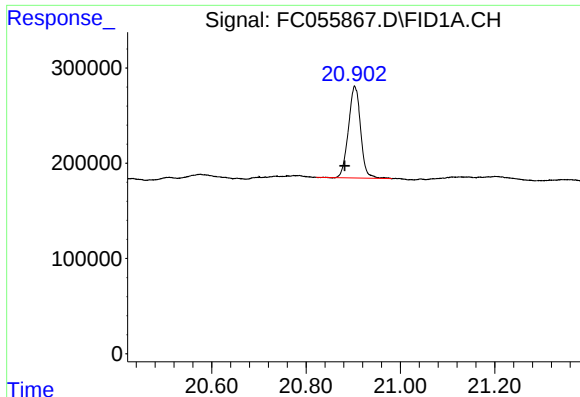
#19 n-Tetratriacontane (C34)

R.T.: 19.417 min
Delta R.T.: 0.016 min
Response: 1716660
Conc: 19.88 ug/ml



#20 n-Hexatriacontane (C36)

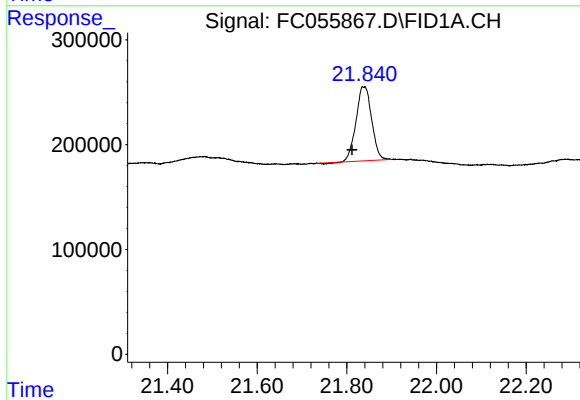
R.T.: 20.155 min
Delta R.T.: 0.019 min
Response: 1801086
Conc: 21.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.903 min
Delta R.T.: 0.021 min
Response: 1728800
Conc: 22.71 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.838 min
Delta R.T.: 0.026 min
Response: 1714240
Conc: 24.47 ug/ml