

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120621AL\
 Data File : FC057258.D
 Signal(s) : FID1A.CH
 Acq On : 07 Dec 2021 12:42
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 07 13:05:31 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111921.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 19 00:52:49 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)	11.584	2404110	20.717 ug/ml
Spiked Amount 50.000		Recovery =	41.43%
12) S 1-chlorooctadecane (S...	13.016	1864115	20.476 ug/ml
Spiked Amount 50.000		Recovery =	40.95%
Target Compounds			
1) T n-Nonane (C9)	3.348	2215422	21.863 ug/ml
2) T n-Decane (C10)	4.415	2276732	22.736 ug/ml
3) T A~Naphthalene (C11.7)	6.003	2504445	22.429 ug/ml
4) T n-Dodecane (C12)	6.432	2305301	22.737 ug/ml
5) T A~2-methylnaphthalene...	7.060	2494524	22.624 ug/ml
6) T n-Tetradecane (C14)	8.225	2304392	22.744 ug/ml
7) T n-Hexadecane (C16)	9.824	2287812	22.295 ug/ml
8) T n-Octadecane (C18)	11.265	2333025	21.776 ug/ml
10) T n-Eicosane (C20)	12.572	2262491	21.154 ug/ml
11) T n-Heneicosane (C21)	13.182	2245073	20.731 ug/ml
13) T n-Docosane (C22)	13.767	2210048	20.629 ug/ml
14) T n-Tetracosane (C24)	14.867	2158789	19.942 ug/ml
15) T n-Hexacosane (C26)	15.884	2054761	19.290 ug/ml
16) T n-Octacosane (C28)	16.830	2027731	19.010 ug/ml
17) T n-Tricontane (C30)	17.715	1992789	18.697 ug/ml
18) T n-Dotriacontane (C32)	18.545	1947335	18.462 ug/ml
19) T n-Tetratriacontane (C34)	19.325	1946464	18.736 ug/ml
20) T n-Hexatriacontane (C36)	20.061	1941458	19.221 ug/ml
21) T n-Octatriacontane (C38)	20.790	1872532	20.399 ug/ml
22) T n-Tetracontane (C40)	21.692	1877311	20.840 ug/ml

(f)=RT Delta > 1/2 Window

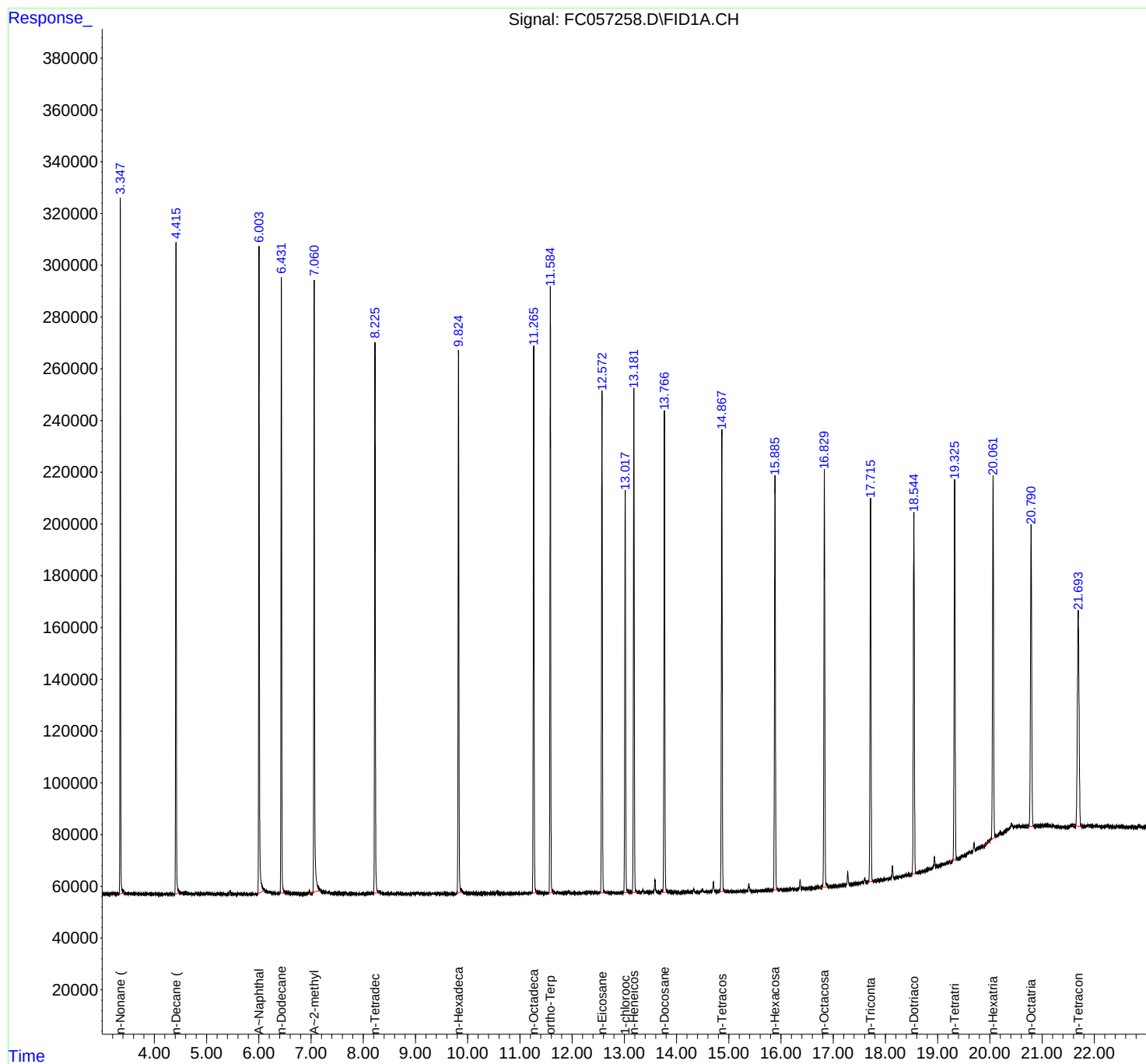
(m)=manual int.

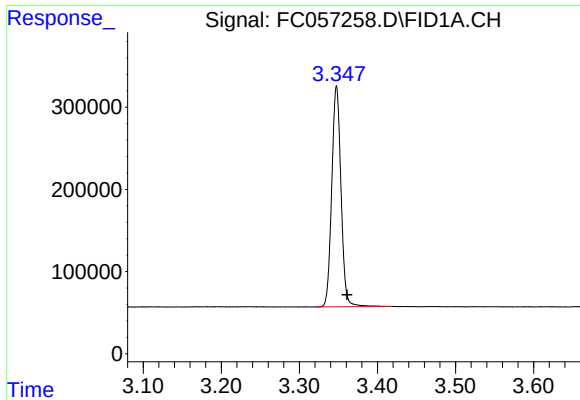
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120621AL\
Data File : FC057258.D
Signal(s) : FID1A.CH
Acq On : 07 Dec 2021 12:42
Operator : AJ\MA
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Dec 07 13:05:31 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111921.M
Quant Title : GC Extractables
QLast Update : Fri Nov 19 00:52:49 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

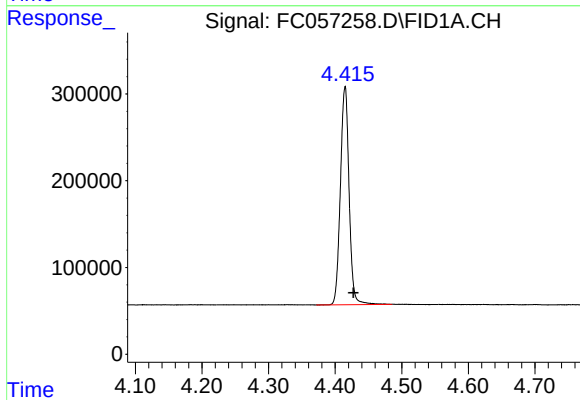




#1 n-Nonane (C9)

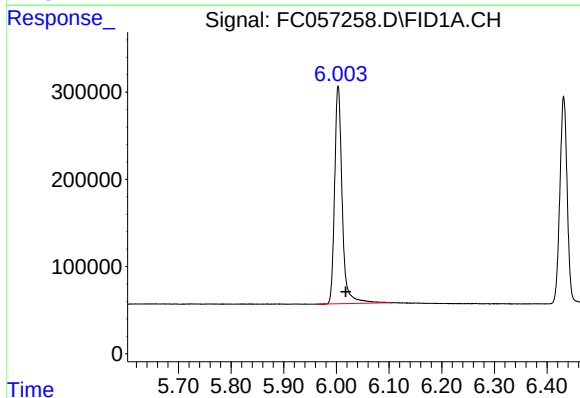
R.T.: 3.348 min
Delta R.T.: -0.013 min
Response: 2215422
Conc: 21.86 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



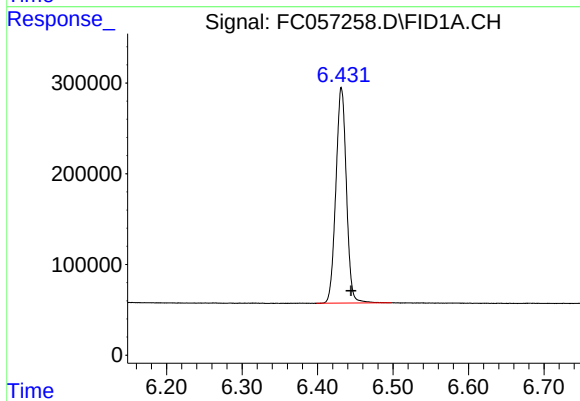
#2 n-Decane (C10)

R.T.: 4.415 min
Delta R.T.: -0.013 min
Response: 2276732
Conc: 22.74 ug/ml



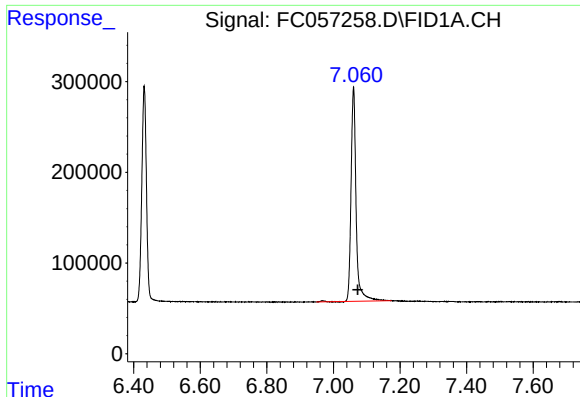
#3 A~Naphthalene (C11.7)

R.T.: 6.003 min
Delta R.T.: -0.014 min
Response: 2504445
Conc: 22.43 ug/ml



#4 n-Dodecane (C12)

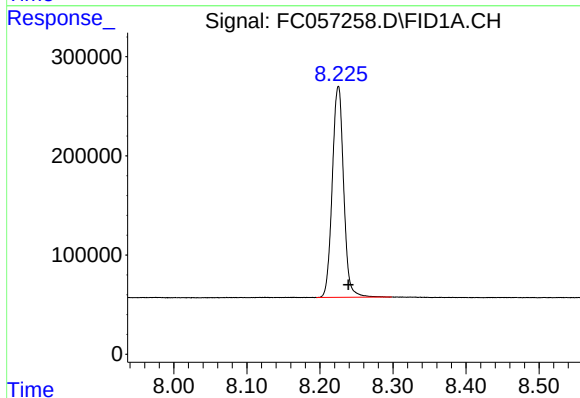
R.T.: 6.432 min
Delta R.T.: -0.013 min
Response: 2305301
Conc: 22.74 ug/ml



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

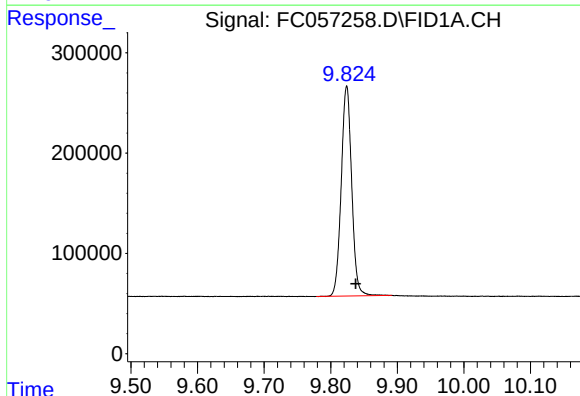
R.T.: 7.060 min
Delta R.T.: -0.013 min
Response: 2494524
Conc: 22.62 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



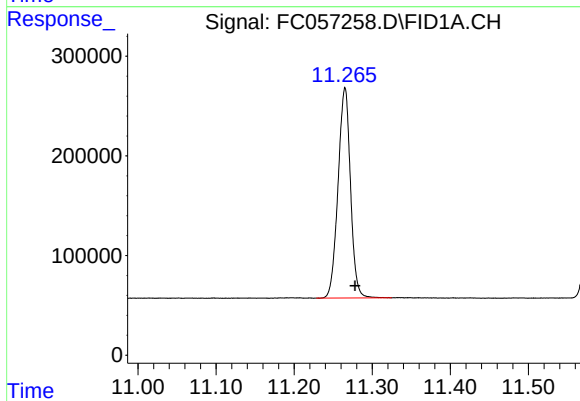
#6 n-Tetradecane (C14)

R.T.: 8.225 min
Delta R.T.: -0.014 min
Response: 2304392
Conc: 22.74 ug/ml



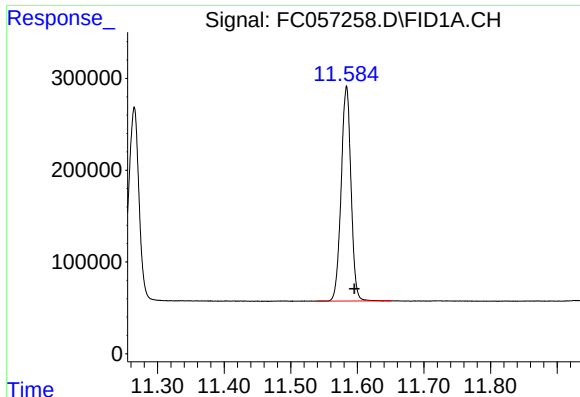
#7 n-Hexadecane (C16)

R.T.: 9.824 min
Delta R.T.: -0.014 min
Response: 2287812
Conc: 22.29 ug/ml



#8 n-Octadecane (C18)

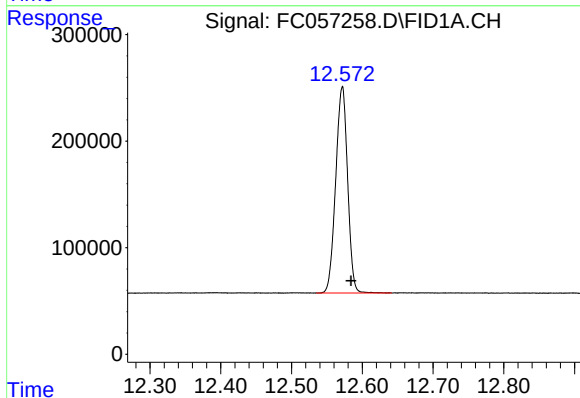
R.T.: 11.265 min
Delta R.T.: -0.013 min
Response: 2333025
Conc: 21.78 ug/ml



#9 ortho-Terphenyl (SURR)

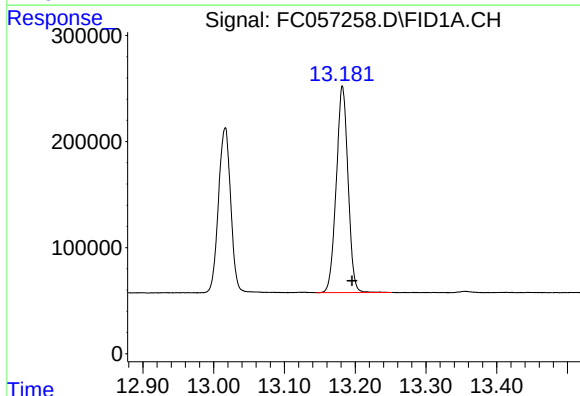
R.T.: 11.584 min
Delta R.T.: -0.012 min
Response: 2404110
Conc: 20.72 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



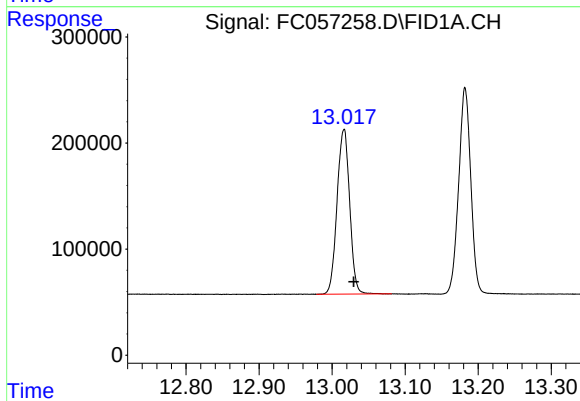
#10 n-Eicosane (C20)

R.T.: 12.572 min
Delta R.T.: -0.013 min
Response: 2262491
Conc: 21.15 ug/ml



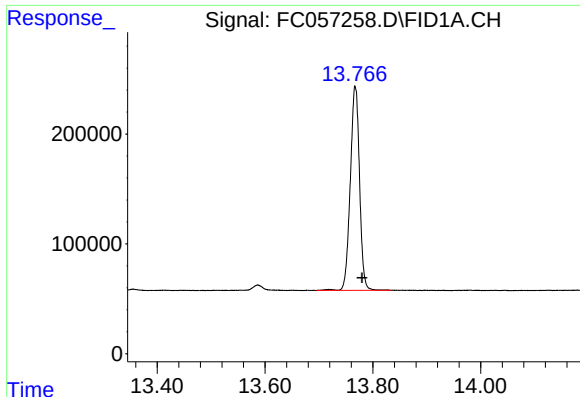
#11 n-Heneicosane (C21)

R.T.: 13.182 min
Delta R.T.: -0.013 min
Response: 2245073
Conc: 20.73 ug/ml



#12 1-chlorooctadecane (SURR)

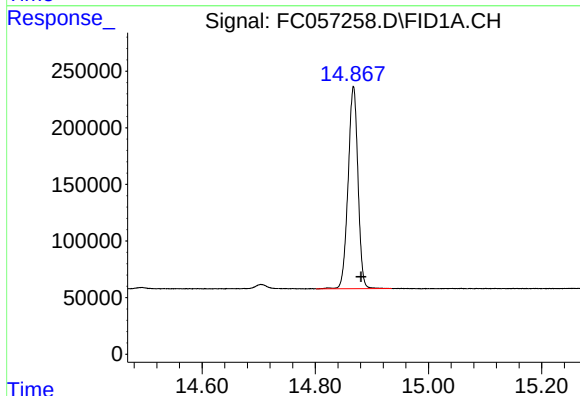
R.T.: 13.016 min
Delta R.T.: -0.014 min
Response: 1864115
Conc: 20.48 ug/ml



#13 n-Docosane (C22)

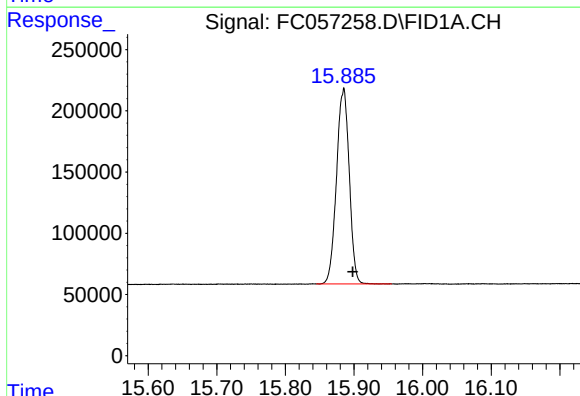
R.T.: 13.767 min
Delta R.T.: -0.012 min
Response: 2210048
Conc: 20.63 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



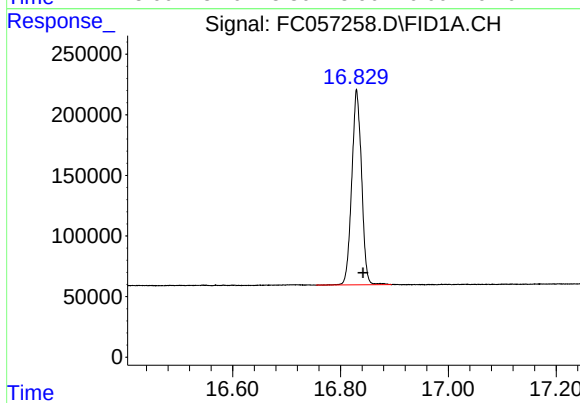
#14 n-Tetracosane (C24)

R.T.: 14.867 min
Delta R.T.: -0.013 min
Response: 2158789
Conc: 19.94 ug/ml



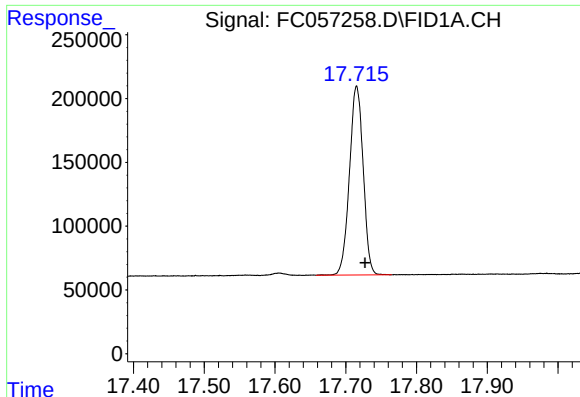
#15 n-Hexacosane (C26)

R.T.: 15.884 min
Delta R.T.: -0.013 min
Response: 2054761
Conc: 19.29 ug/ml



#16 n-Octacosane (C28)

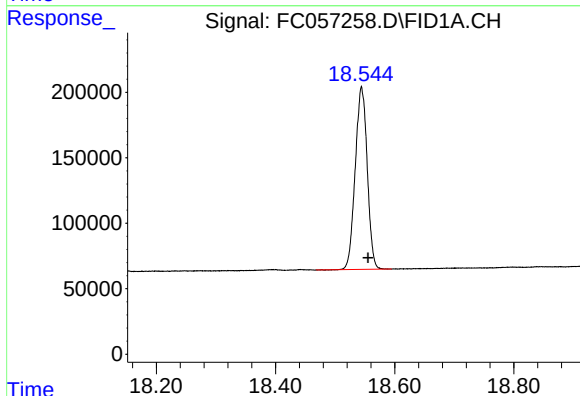
R.T.: 16.830 min
Delta R.T.: -0.012 min
Response: 2027731
Conc: 19.01 ug/ml



#17 n-Tricontane (C30)

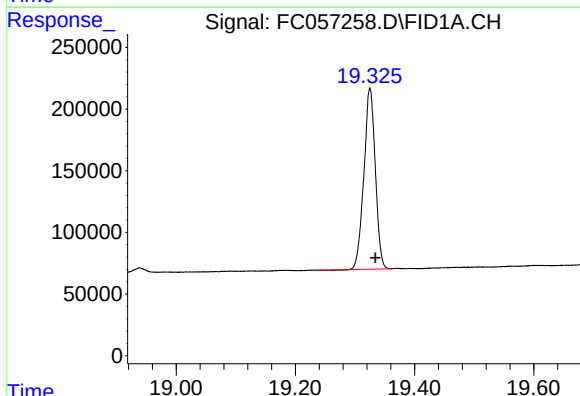
R.T.: 17.715 min
Delta R.T.: -0.012 min
Response: 1992789
Conc: 18.70 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



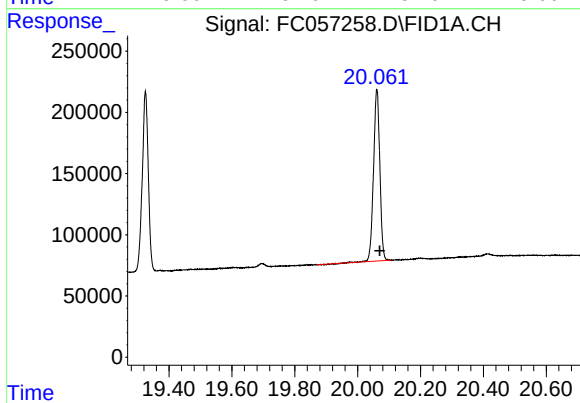
#18 n-Dotriacontane (C32)

R.T.: 18.545 min
Delta R.T.: -0.011 min
Response: 1947335
Conc: 18.46 ug/ml



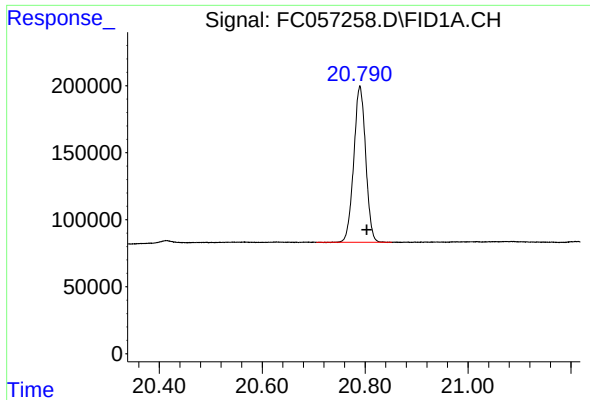
#19 n-Tetratriacontane (C34)

R.T.: 19.325 min
Delta R.T.: -0.009 min
Response: 1946464
Conc: 18.74 ug/ml



#20 n-Hexatriacontane (C36)

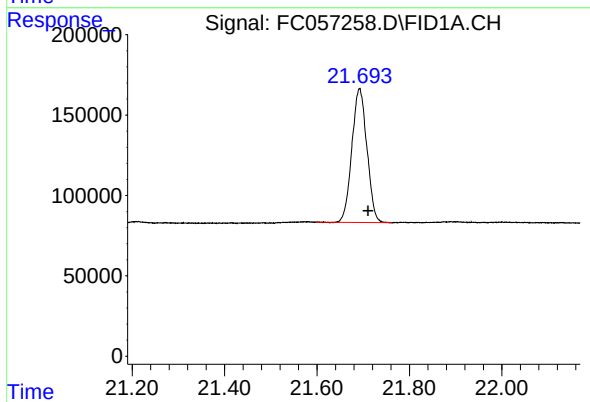
R.T.: 20.061 min
Delta R.T.: -0.009 min
Response: 1941458
Conc: 19.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.790 min
Delta R.T.: -0.013 min
Response: 1872532
Conc: 20.40 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.692 min
Delta R.T.: -0.018 min
Response: 1877311
Conc: 20.84 ug/ml