

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031820AL\
 Data File : FC046407.D
 Signal(s) : FID1A.CH
 Acq On : 18 Mar 2020 22:11
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 19 01:28:38 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 022120.M
 Quant Title : GC Extractables
 QLast Update : Sat Feb 22 03:16:45 2020
 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)	11.753	2184398	19.148 ug/ml
Spiked Amount 50.000		Recovery =	38.30%
12) S 1-chlorooctadecane (S...	13.170	1690569	18.845 ug/ml
Spiked Amount 50.000		Recovery =	37.69%
Target Compounds			
1) T n-Nonane (C9)	3.537	2100833	20.841 ug/ml
2) T n-Decane (C10)	4.606	2159095	21.406 ug/ml
3) T A~Naphthalene (C11.7)	6.205	2237755	20.153 ug/ml
4) T n-Dodecane (C12)	6.614	2189072	21.457 ug/ml
5) T A~2-methylnaphthalene...	7.256	2241161	20.148 ug/ml
6) T n-Tetradecane (C14)	8.398	2150858	21.011 ug/ml
7) T n-Hexadecane (C16)	9.989	2126577	20.539 ug/ml
8) T n-Octadecane (C18)	11.422	2102364	19.999 ug/ml
10) T n-Eicosane (C20)	12.724	2059436	19.482 ug/ml
11) T n-Heneicosane (C21)	13.334	2042992	19.154 ug/ml
13) T n-Docosane (C22)	13.916	2029559	19.100 ug/ml
14) T n-Tetracosane (C24)	15.013	2032155	18.987 ug/ml
15) T n-Hexacosane (C26)	16.030	2015818	18.966 ug/ml
16) T n-Octacosane (C28)	16.975	2011302	19.211 ug/ml
17) T n-Tricontane (C30)	17.858	1968590	19.535 ug/ml
18) T n-Dotriacontane (C32)	18.685	1701702	19.884 ug/ml
19) T n-Tetratriacontane (C34)	19.465	1458020	20.089 ug/ml
20) T n-Hexatriacontane (C36)	20.199	1361997	20.139 ug/ml
21) T n-Octatriacontane (C38)	20.960	1300820	21.522 ug/ml
22) T n-Tetracontane (C40)	21.915	1344404	21.383 ug/ml

(f)=RT Delta > 1/2 Window

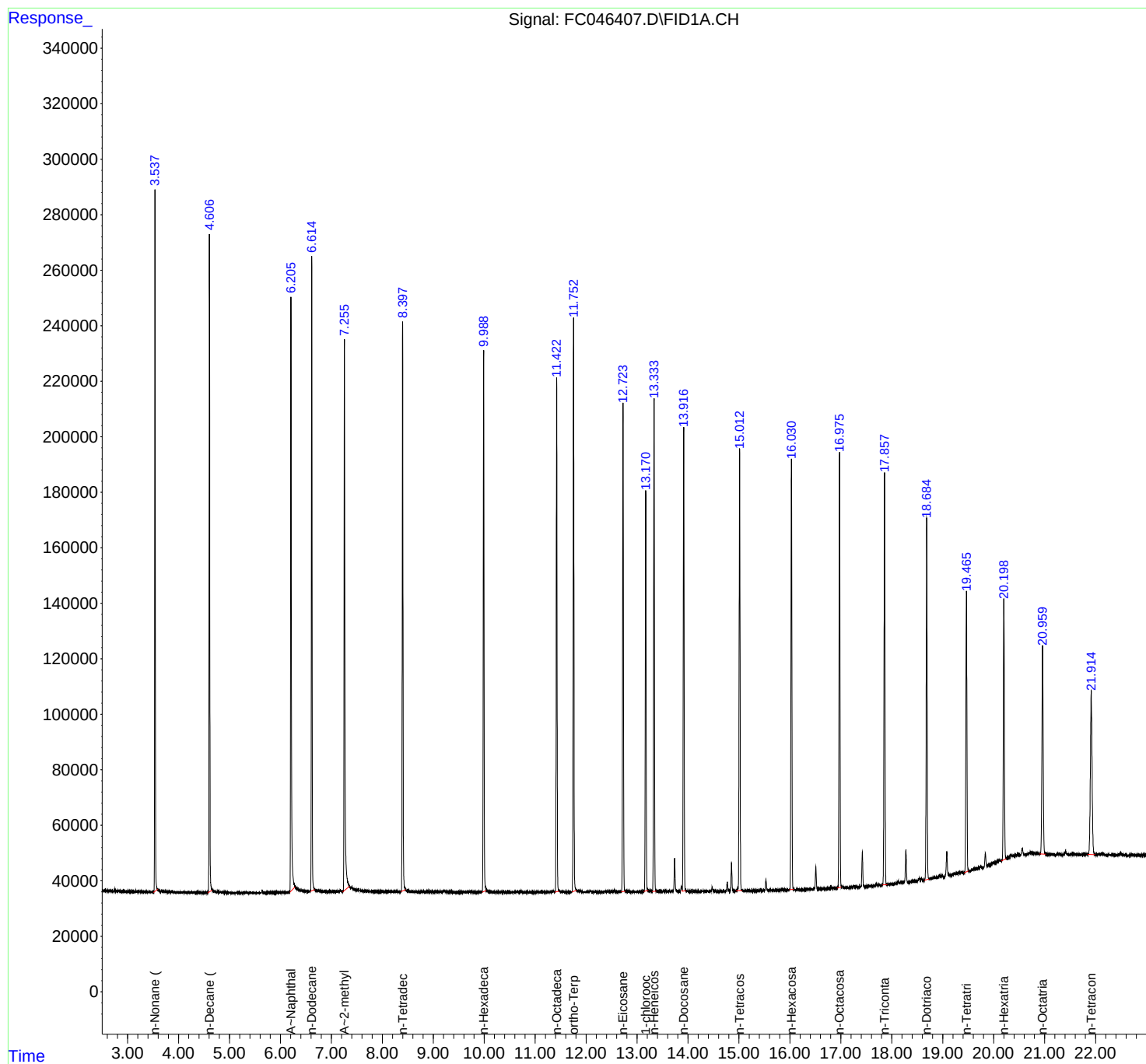
(m)=manual int.

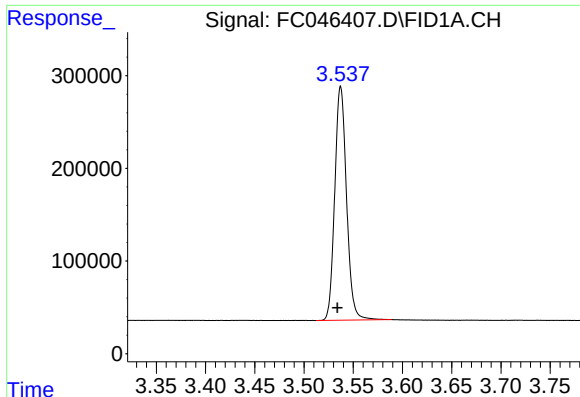
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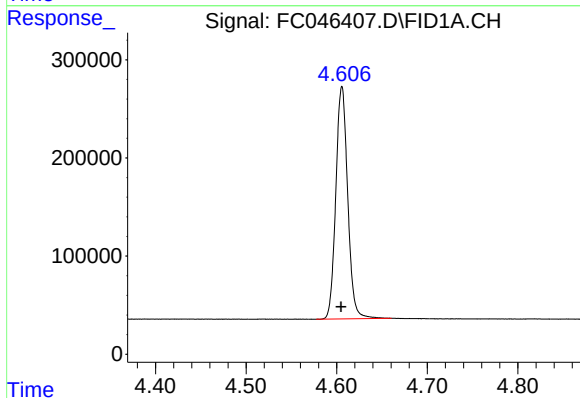




#1 n-Nonane (C9)

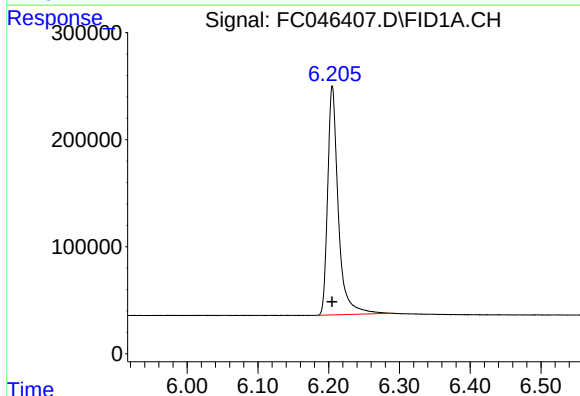
R.T.: 3.537 min
Delta R.T.: 0.003 min
Response: 2100833
Conc: 20.84 ug/ml

Instrument :
FID_C
ClientSampleId :



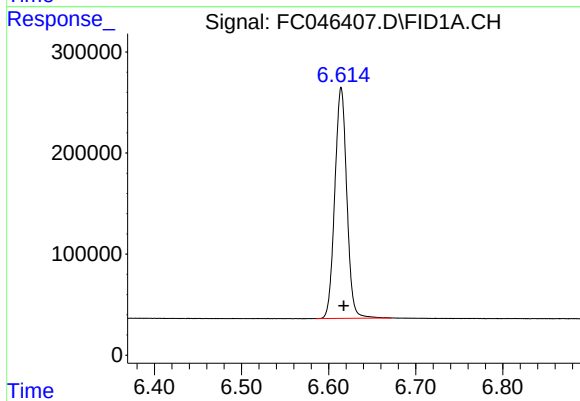
#2 n-Decane (C10)

R.T.: 4.606 min
Delta R.T.: 0.001 min
Response: 2159095
Conc: 21.41 ug/ml



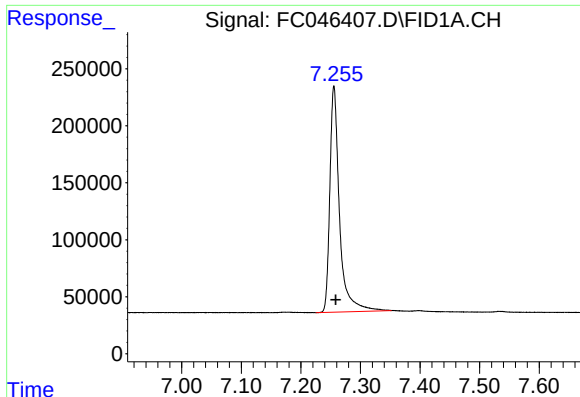
#3 A~Naphthalene (C11.7)

R.T.: 6.205 min
Delta R.T.: 0.000 min
Response: 2237755
Conc: 20.15 ug/ml



#4 n-Dodecane (C12)

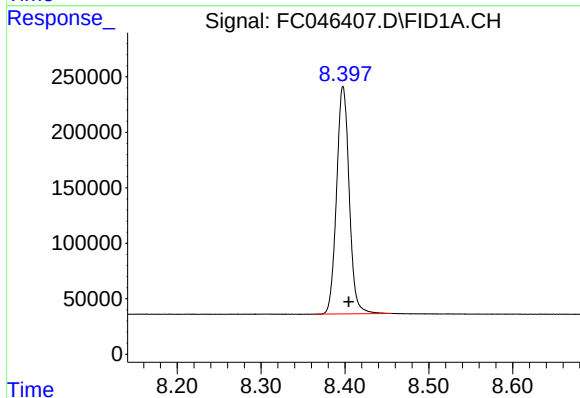
R.T.: 6.614 min
Delta R.T.: -0.003 min
Response: 2189072
Conc: 21.46 ug/ml



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

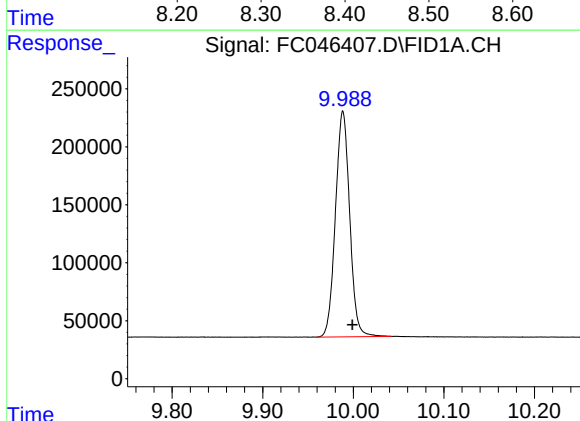
R.T.: 7.256 min
Delta R.T.: -0.003 min
Response: 2241161
Conc: 20.15 ug/ml

Instrument :
FID_C
ClientSampleId :



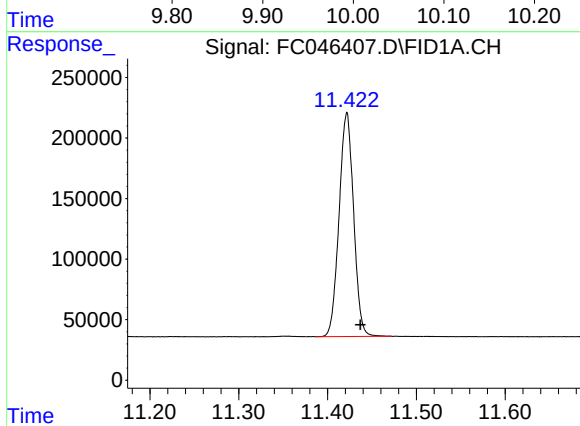
#6 n-Tetradecane (C14)

R.T.: 8.398 min
Delta R.T.: -0.007 min
Response: 2150858
Conc: 21.01 ug/ml



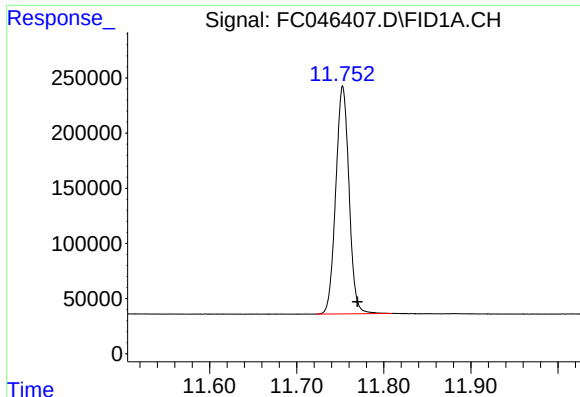
#7 n-Hexadecane (C16)

R.T.: 9.989 min
Delta R.T.: -0.010 min
Response: 2126577
Conc: 20.54 ug/ml



#8 n-Octadecane (C18)

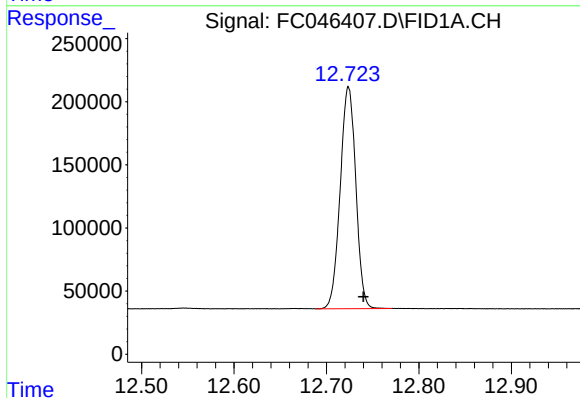
R.T.: 11.422 min
Delta R.T.: -0.015 min
Response: 2102364
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

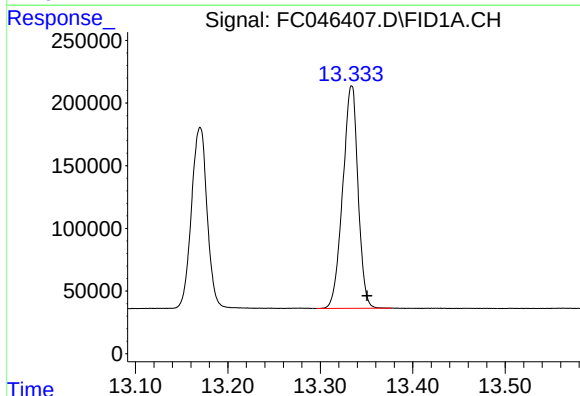
R.T.: 11.753 min
Delta R.T.: -0.017 min
Response: 2184398
Conc: 19.15 ug/ml

Instrument :
FID_C
ClientSampleId :



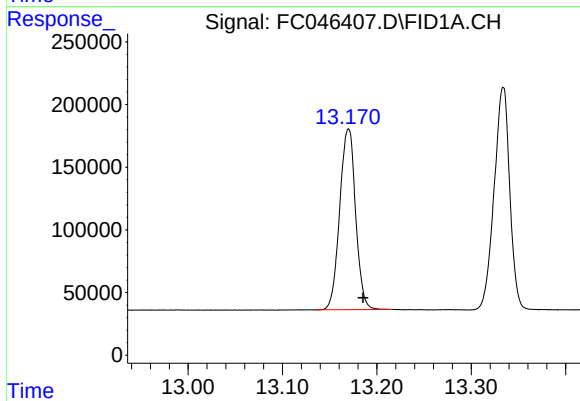
#10 n-Eicosane (C20)

R.T.: 12.724 min
Delta R.T.: -0.016 min
Response: 2059436
Conc: 19.48 ug/ml



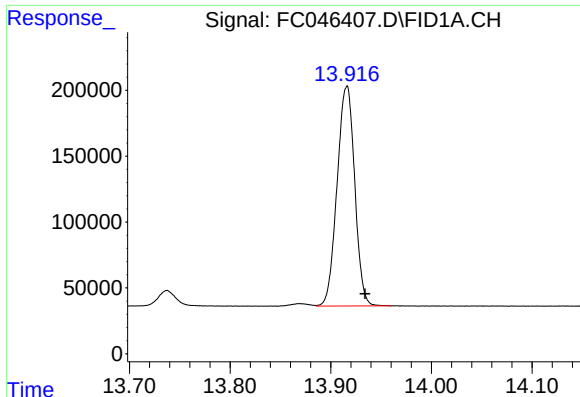
#11 n-Heneicosane (C21)

R.T.: 13.334 min
Delta R.T.: -0.017 min
Response: 2042992
Conc: 19.15 ug/ml



#12 1-chlorooctadecane (SURR)

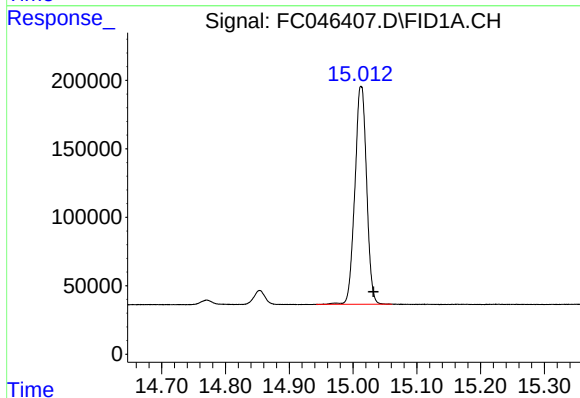
R.T.: 13.170 min
Delta R.T.: -0.015 min
Response: 1690569
Conc: 18.84 ug/ml



#13 n-Docosane (C22)

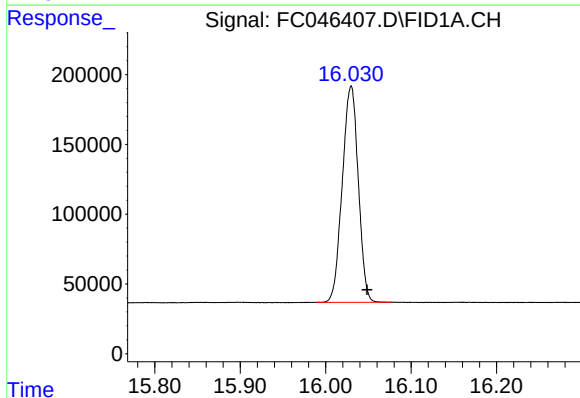
R.T.: 13.916 min
Delta R.T.: -0.018 min
Response: 2029559
Conc: 19.10 ug/ml

Instrument :
FID_C
ClientSampleId :



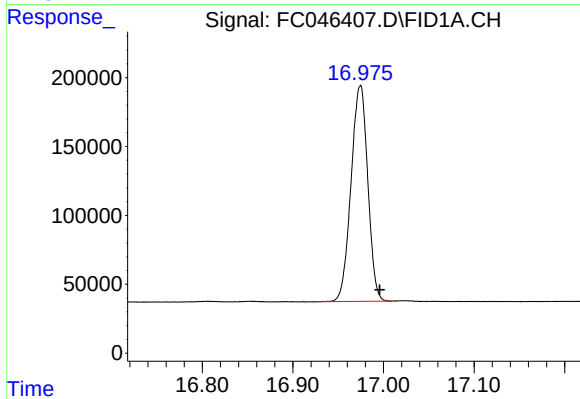
#14 n-Tetracosane (C24)

R.T.: 15.013 min
Delta R.T.: -0.020 min
Response: 2032155
Conc: 18.99 ug/ml



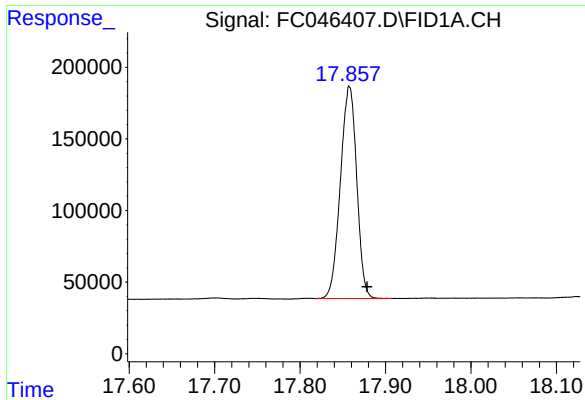
#15 n-Hexacosane (C26)

R.T.: 16.030 min
Delta R.T.: -0.019 min
Response: 2015818
Conc: 18.97 ug/ml



#16 n-Octacosane (C28)

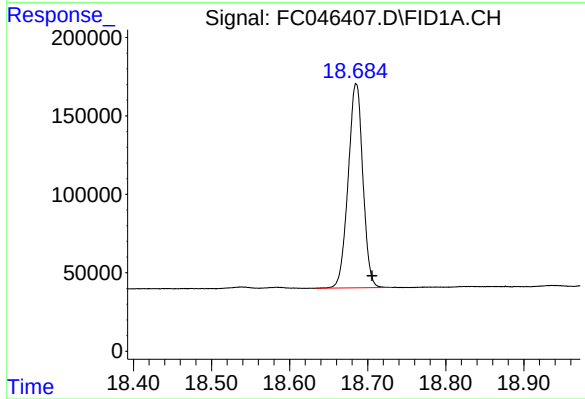
R.T.: 16.975 min
Delta R.T.: -0.021 min
Response: 2011302
Conc: 19.21 ug/ml



#17 n-Tricontane (C30)

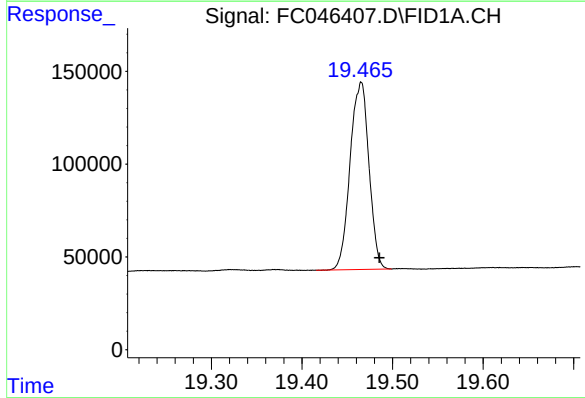
R.T.: 17.858 min
Delta R.T.: -0.020 min
Response: 1968590
Conc: 19.54 ug/ml

Instrument :
FID_C
ClientSampleId :



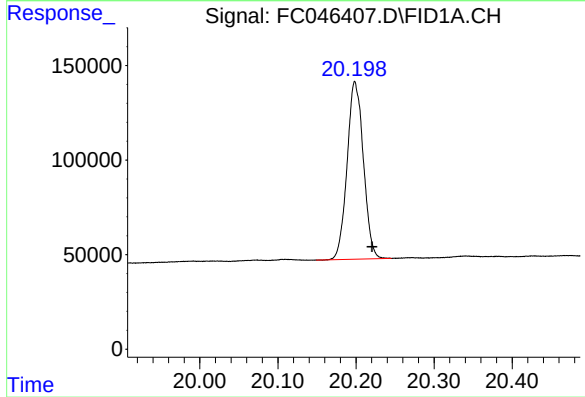
#18 n-Dotriacontane (C32)

R.T.: 18.685 min
Delta R.T.: -0.020 min
Response: 1701702
Conc: 19.88 ug/ml



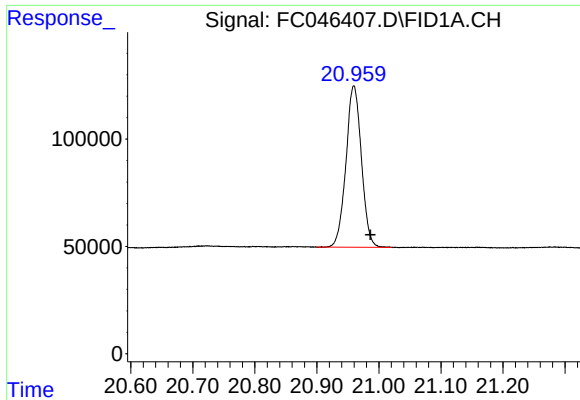
#19 n-Tetratriacontane (C34)

R.T.: 19.465 min
Delta R.T.: -0.020 min
Response: 1458020
Conc: 20.09 ug/ml



#20 n-Hexatriacontane (C36)

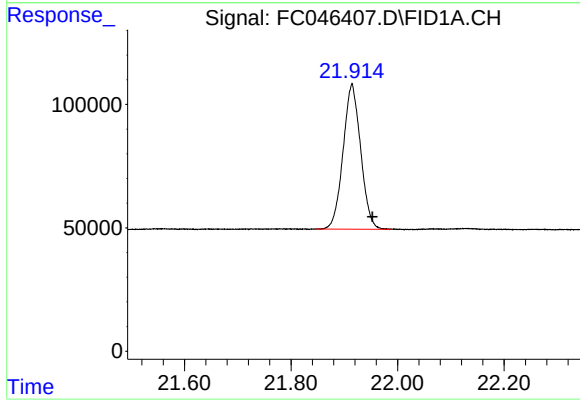
R.T.: 20.199 min
Delta R.T.: -0.022 min
Response: 1361997
Conc: 20.14 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.960 min
Delta R.T.: -0.027 min
Response: 1300820
Conc: 21.52 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.915 min
Delta R.T.: -0.038 min
Response: 1344404
Conc: 21.38 ug/ml