

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122319AL\
 Data File : FC045038.D
 Signal(s) : FID1A.CH
 Acq On : 24 Dec 2019 2:55
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 24 07:52:35 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 122319.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 24 03:02:13 2019
 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)	11.760	2333659	20.576 ug/ml
Spiked Amount 50.000		Recovery =	41.15%
12) S 1-chlorooctadecane (S...	13.182	1832425	20.551 ug/ml
Spiked Amount 50.000		Recovery =	41.10%
Target Compounds			
1) T n-Nonane (C9)	3.512	2071629	20.573 ug/ml
2) T n-Decane (C10)	4.584	2078282	20.601 ug/ml
3) T A~Naphthalene (C11.7)	6.185	2311271	20.626 ug/ml
4) T n-Dodecane (C12)	6.602	2092714	20.560 ug/ml
5) T A~2-methylnaphthalene...	7.239	2321450	20.596 ug/ml
6) T n-Tetradecane (C14)	8.393	2099164	20.595 ug/ml
7) T n-Hexadecane (C16)	9.991	2117727	20.569 ug/ml
8) T n-Octadecane (C18)	11.429	2133486	20.515 ug/ml
10) T n-Eicosane (C20)	12.736	2148712	20.538 ug/ml
11) T n-Heneicosane (C21)	13.346	2169783	20.516 ug/ml
13) T n-Docosane (C22)	13.932	2169485	20.519 ug/ml
14) T n-Tetracosane (C24)	15.033	2195319	20.547 ug/ml
15) T n-Hexacosane (C26)	16.052	2191867	20.552 ug/ml
16) T n-Octacosane (C28)	17.000	2174038	20.586 ug/ml
17) T n-Tricontane (C30)	17.884	2097378	20.575 ug/ml
18) T n-Dotriacontane (C32)	18.713	1778732	20.561 ug/ml
19) T n-Tetratriacontane (C34)	19.497	1514762	20.677 ug/ml
20) T n-Hexatriacontane (C36)	20.233	1363114	20.742 ug/ml
21) T n-Octatriacontane (C38)	21.005	1218992	20.640 ug/ml
22) T n-Tetracontane (C40)	21.975	1218574	20.604 ug/ml

(f)=RT Delta > 1/2 Window

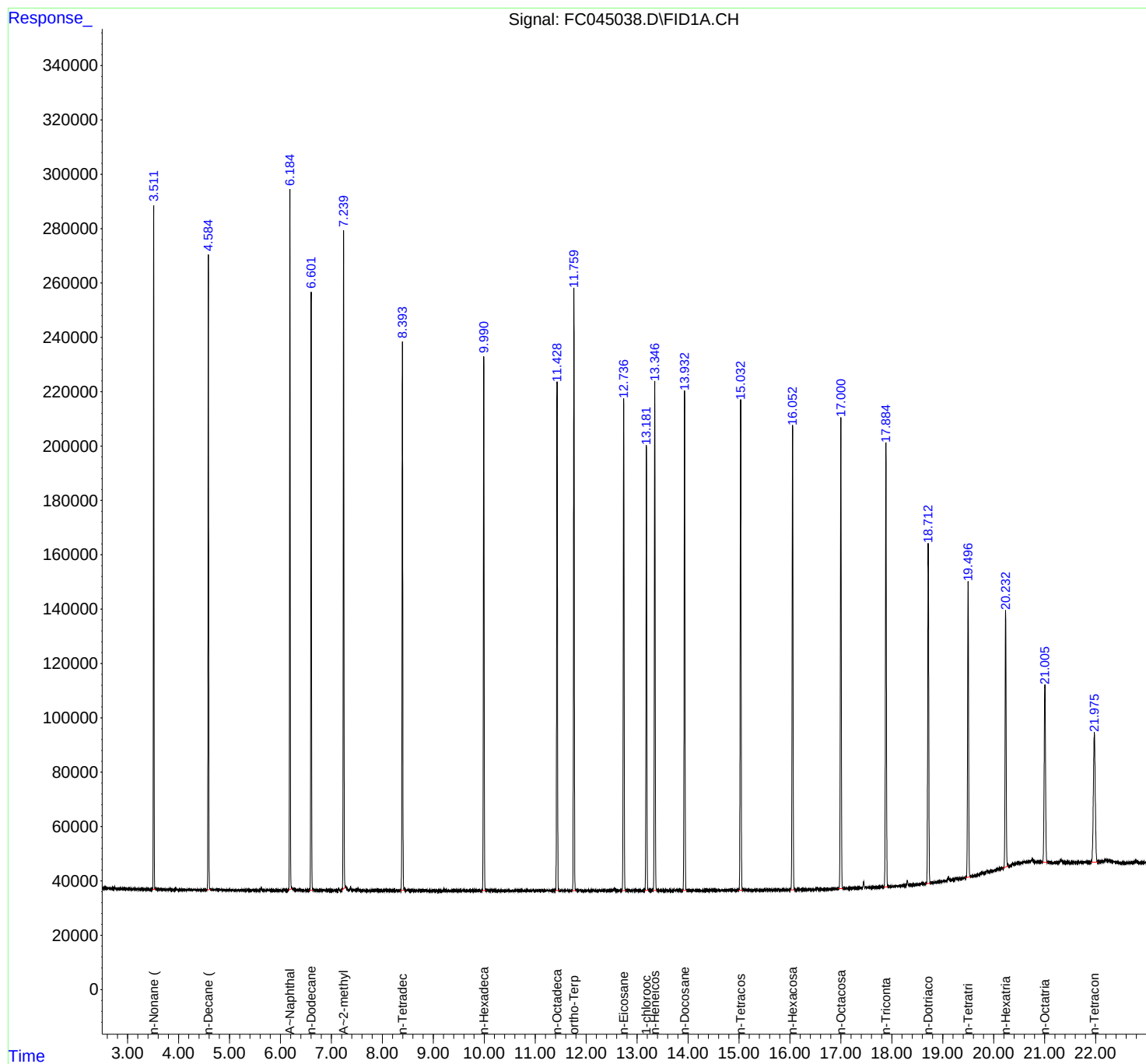
(m)=manual int.

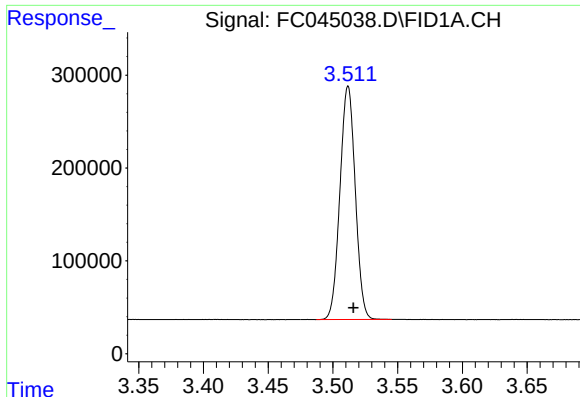
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122319AL\
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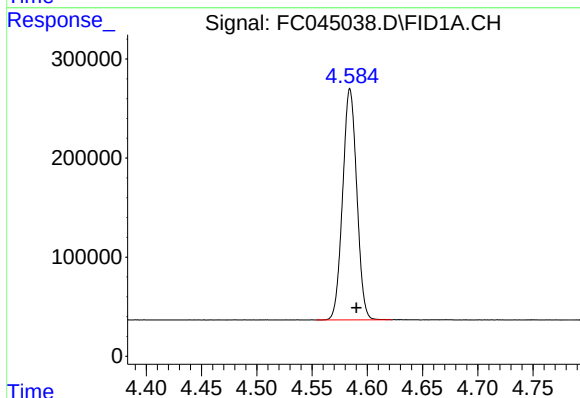




#1 n-Nonane (C9)

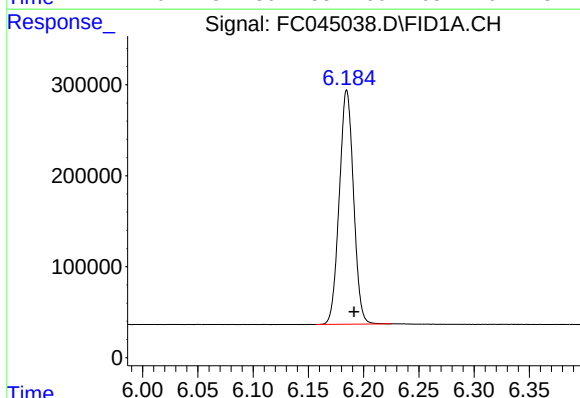
R.T.: 3.512 min
Delta R.T.: -0.004 min
Response: 2071629
Conc: 20.57 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



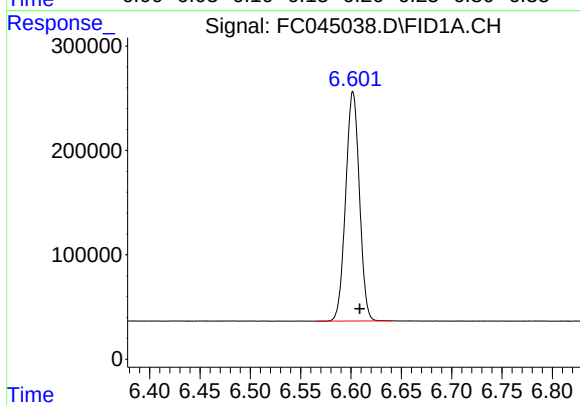
#2 n-Decane (C10)

R.T.: 4.584 min
Delta R.T.: -0.006 min
Response: 2078282
Conc: 20.60 ug/ml



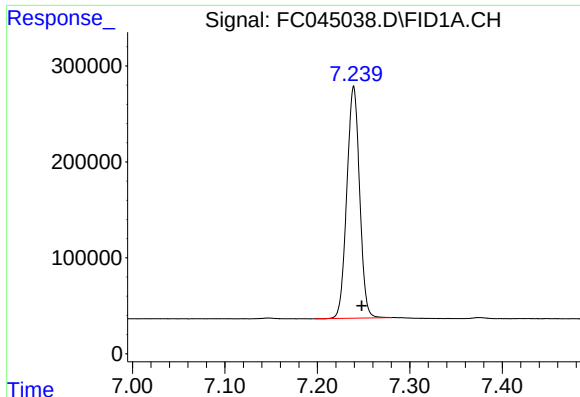
#3 A~Naphthalene (C11.7)

R.T.: 6.185 min
Delta R.T.: -0.007 min
Response: 2311271
Conc: 20.63 ug/ml



#4 n-Dodecane (C12)

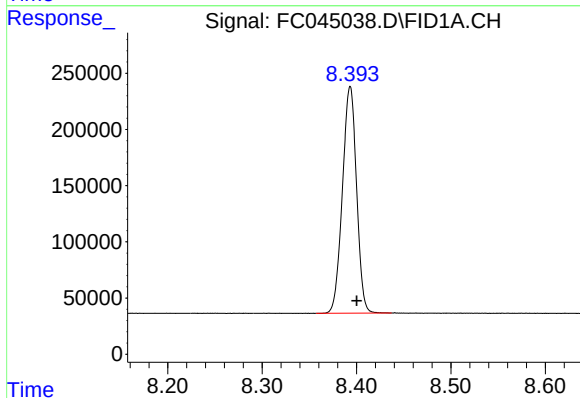
R.T.: 6.602 min
Delta R.T.: -0.007 min
Response: 2092714
Conc: 20.56 ug/ml



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

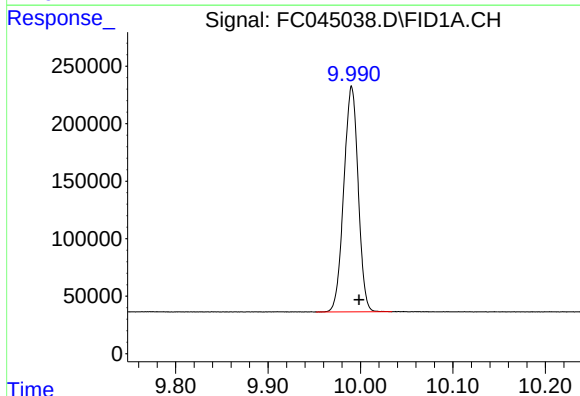
R.T.: 7.239 min
Delta R.T.: -0.009 min
Response: 2321450
Conc: 20.60 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



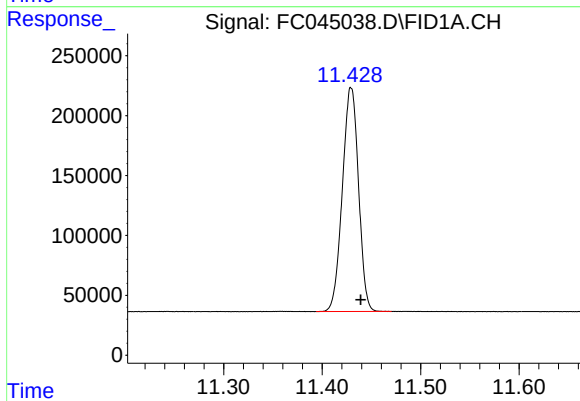
#6 n-Tetradecane (C14)

R.T.: 8.393 min
Delta R.T.: -0.007 min
Response: 2099164
Conc: 20.60 ug/ml



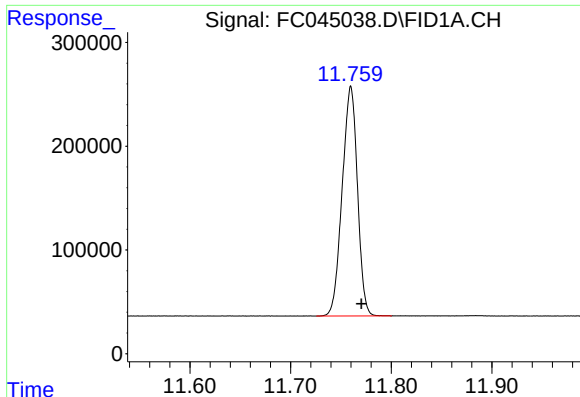
#7 n-Hexadecane (C16)

R.T.: 9.991 min
Delta R.T.: -0.008 min
Response: 2117727
Conc: 20.57 ug/ml



#8 n-Octadecane (C18)

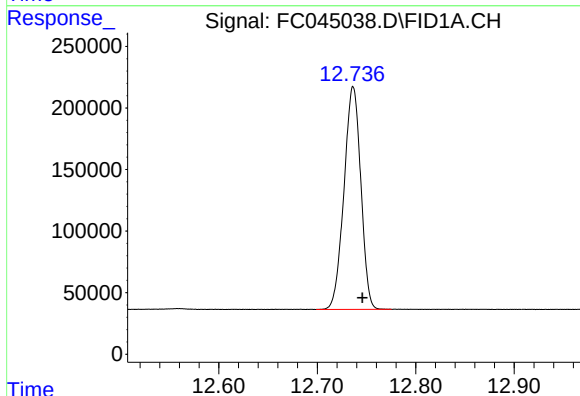
R.T.: 11.429 min
Delta R.T.: -0.010 min
Response: 2133486
Conc: 20.51 ug/ml



#9 ortho-Terphenyl (SURR)

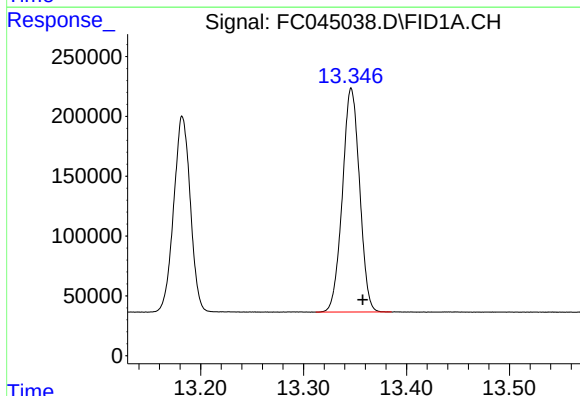
R.T.: 11.760 min
Delta R.T.: -0.011 min
Response: 2333659
Conc: 20.58 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



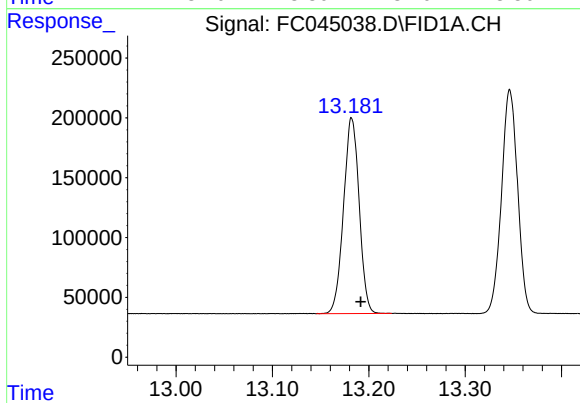
#10 n-Eicosane (C20)

R.T.: 12.736 min
Delta R.T.: -0.009 min
Response: 2148712
Conc: 20.54 ug/ml



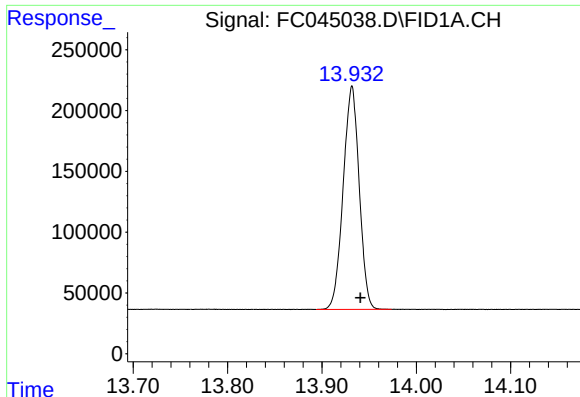
#11 n-Heneicosane (C21)

R.T.: 13.346 min
Delta R.T.: -0.011 min
Response: 2169783
Conc: 20.52 ug/ml



#12 1-chlorooctadecane (SURR)

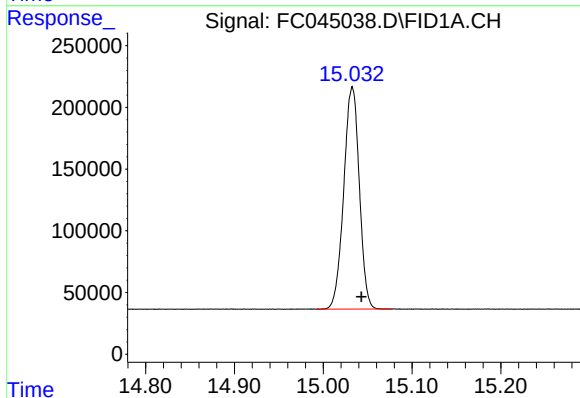
R.T.: 13.182 min
Delta R.T.: -0.009 min
Response: 1832425
Conc: 20.55 ug/ml



#13 n-Docosane (C22)

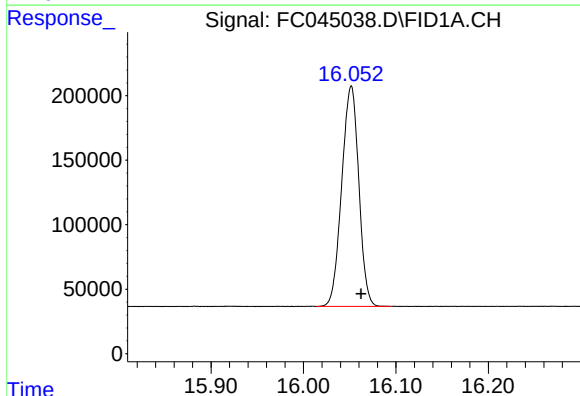
R.T.: 13.932 min
Delta R.T.: -0.009 min
Response: 2169485
Conc: 20.52 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



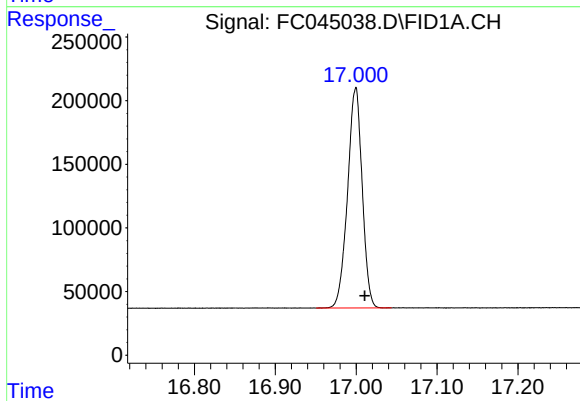
#14 n-Tetracosane (C24)

R.T.: 15.033 min
Delta R.T.: -0.010 min
Response: 2195319
Conc: 20.55 ug/ml



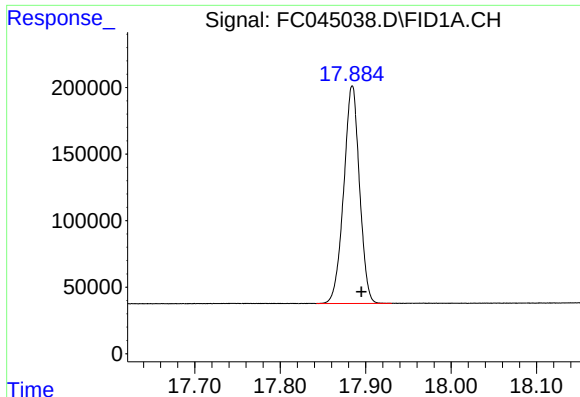
#15 n-Hexacosane (C26)

R.T.: 16.052 min
Delta R.T.: -0.011 min
Response: 2191867
Conc: 20.55 ug/ml



#16 n-Octacosane (C28)

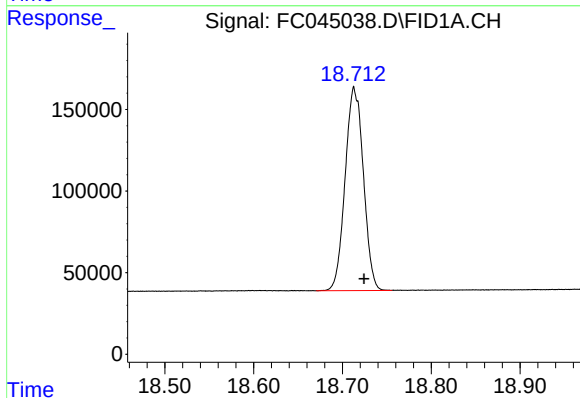
R.T.: 17.000 min
Delta R.T.: -0.011 min
Response: 2174038
Conc: 20.59 ug/ml



#17 n-Tricontane (C30)

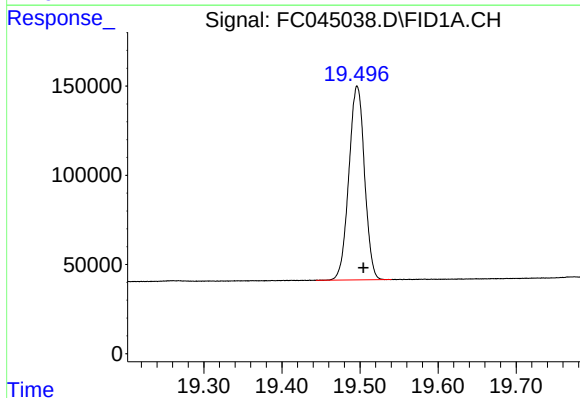
R.T.: 17.884 min
Delta R.T.: -0.011 min
Response: 2097378
Conc: 20.58 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



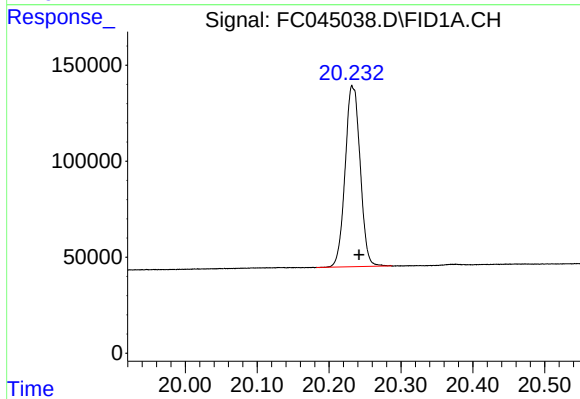
#18 n-Dotriacontane (C32)

R.T.: 18.713 min
Delta R.T.: -0.011 min
Response: 1778732
Conc: 20.56 ug/ml



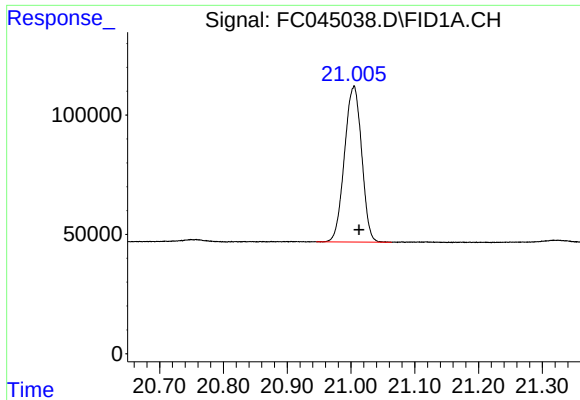
#19 n-Tetratriacontane (C34)

R.T.: 19.497 min
Delta R.T.: -0.008 min
Response: 1514762
Conc: 20.68 ug/ml



#20 n-Hexatriacontane (C36)

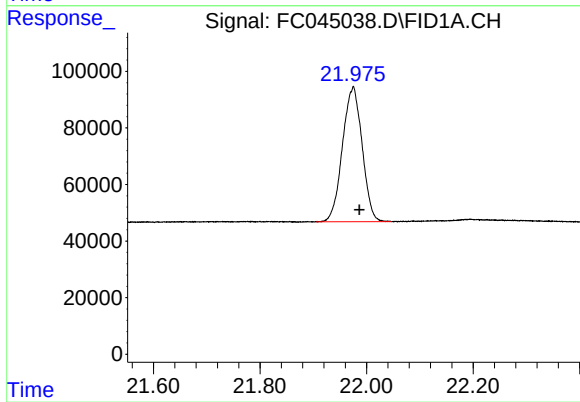
R.T.: 20.233 min
Delta R.T.: -0.009 min
Response: 1363114
Conc: 20.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.005 min
Delta R.T.: -0.008 min
Response: 1218992
Conc: 20.64 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.975 min
Delta R.T.: -0.011 min
Response: 1218574
Conc: 20.60 ug/ml