

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012020AL\
 Data File : FC045406.D
 Signal(s) : FID1A.CH
 Acq On : 20 Jan 2020 20:13
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Jan 21 00:43:56 2020
 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)	11.764	2209035	19.477 ug/ml
Spiked Amount 50.000		Recovery =	38.95%
12) S 1-chlorooctadecane (S...	13.187	1710958	19.188 ug/ml
Spiked Amount 50.000		Recovery =	38.38%
Target Compounds			
1) T n-Nonane (C9)	3.517	2149217	21.344 ug/ml
2) T n-Decane (C10)	4.591	2157608	21.388 ug/ml
3) T A~Naphthalene (C11.7)	6.194	2378660	21.227 ug/ml
4) T n-Dodecane (C12)	6.608	2182370	21.441 ug/ml
5) T A~2-methylnaphthalene...	7.249	2374182	21.064 ug/ml
6) T n-Tetradecane (C14)	8.398	2181588	21.404 ug/ml
7) T n-Hexadecane (C16)	9.995	2171543	21.092 ug/ml
8) T n-Octadecane (C18)	11.432	2140019	20.578 ug/ml
10) T n-Eicosane (C20)	12.739	2080234	19.883 ug/ml
11) T n-Heneicosane (C21)	13.350	2054828	19.429 ug/ml
13) T n-Docosane (C22)	13.935	2006459	18.977 ug/ml
14) T n-Tetracosane (C24)	15.035	1936879	18.128 ug/ml
15) T n-Hexacosane (C26)	16.053	1860140	17.441 ug/ml
16) T n-Octacosane (C28)	17.001	1805788	17.099 ug/ml
17) T n-Tricontane (C30)	17.887	1730741	16.978 ug/ml
18) T n-Dotriacontane (C32)	18.716	1492912	17.257 ug/ml
19) T n-Tetratriacontane (C34)	19.496	1284680	17.537 ug/ml
20) T n-Hexatriacontane (C36)	20.233	1176783	17.907 ug/ml
21) T n-Octatriacontane (C38)	21.002	1111586	18.821 ug/ml
22) T n-Tetracontane (C40)	21.974	1130294	19.112 ug/ml

(f)=RT Delta > 1/2 Window

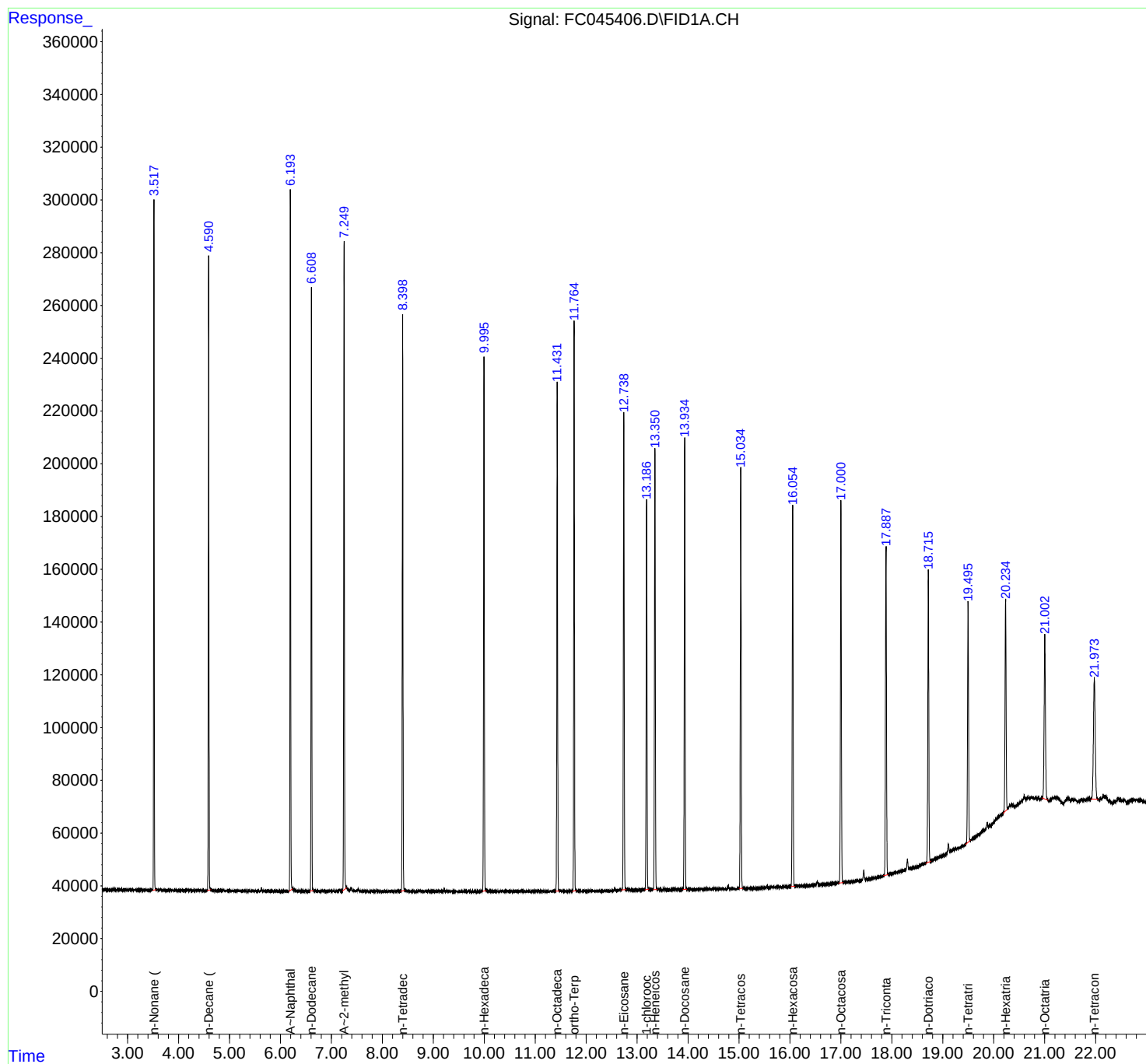
(m)=manual int.

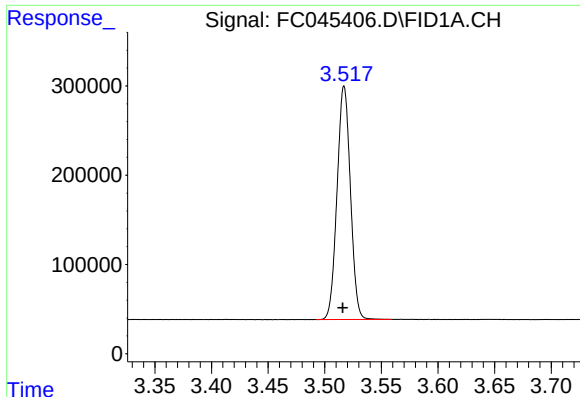
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012020AL\
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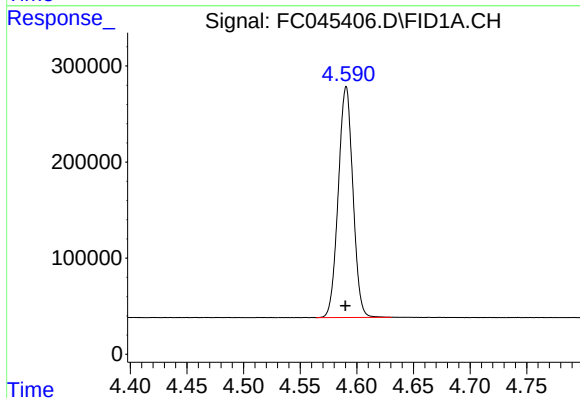




#1 n-Nonane (C9)

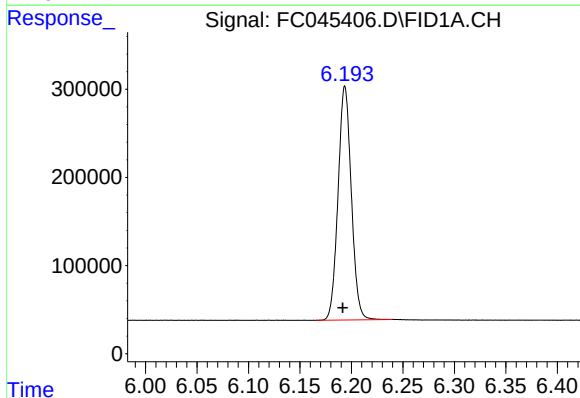
R.T.: 3.517 min
Delta R.T.: 0.001 min
Response: 2149217
Conc: 21.34 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



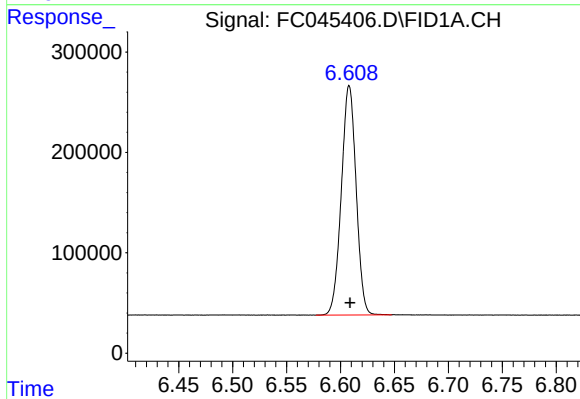
#2 n-Decane (C10)

R.T.: 4.591 min
Delta R.T.: 0.000 min
Response: 2157608
Conc: 21.39 ug/ml



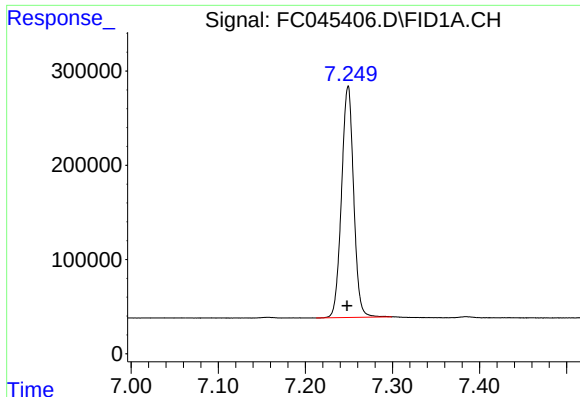
#3 A~Naphthalene (C11.7)

R.T.: 6.194 min
Delta R.T.: 0.002 min
Response: 2378660
Conc: 21.23 ug/ml



#4 n-Dodecane (C12)

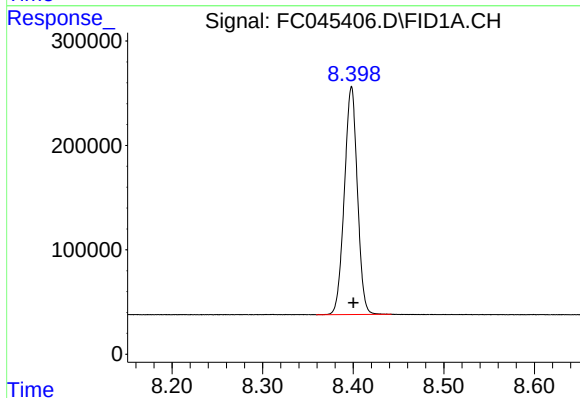
R.T.: 6.608 min
Delta R.T.: 0.000 min
Response: 2182370
Conc: 21.44 ug/ml



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

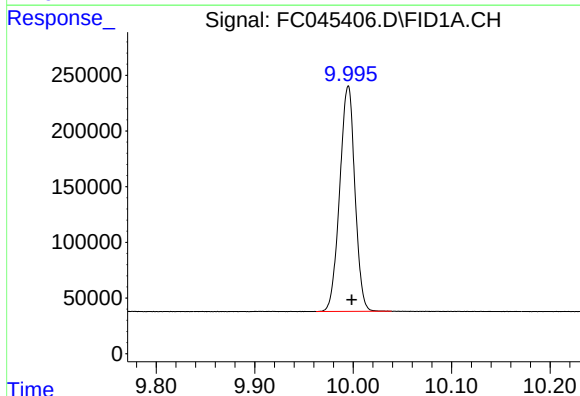
R.T.: 7.249 min
Delta R.T.: 0.001 min
Response: 2374182
Conc: 21.06 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



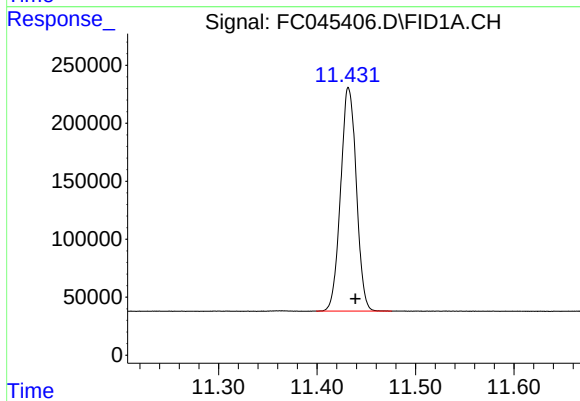
#6 n-Tetradecane (C14)

R.T.: 8.398 min
Delta R.T.: -0.002 min
Response: 2181588
Conc: 21.40 ug/ml



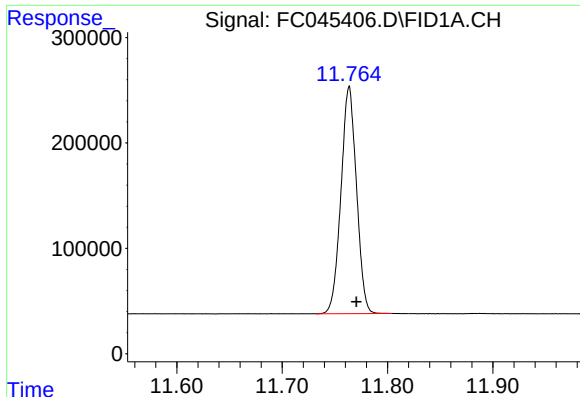
#7 n-Hexadecane (C16)

R.T.: 9.995 min
Delta R.T.: -0.003 min
Response: 2171543
Conc: 21.09 ug/ml



#8 n-Octadecane (C18)

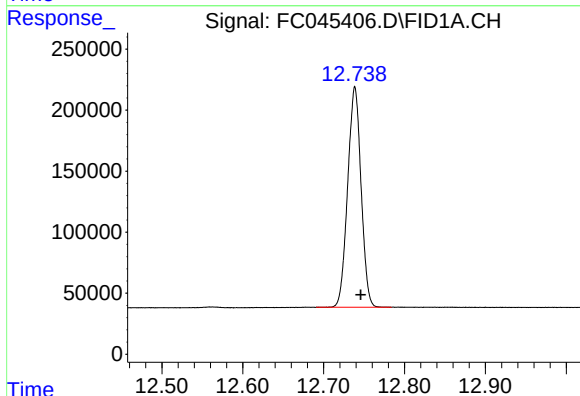
R.T.: 11.432 min
Delta R.T.: -0.007 min
Response: 2140019
Conc: 20.58 ug/ml



#9 ortho-Terphenyl (SURR)

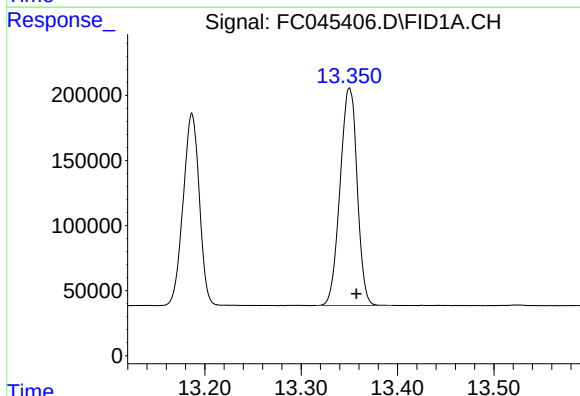
R.T.: 11.764 min
Delta R.T.: -0.007 min
Response: 2209035
Conc: 19.48 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



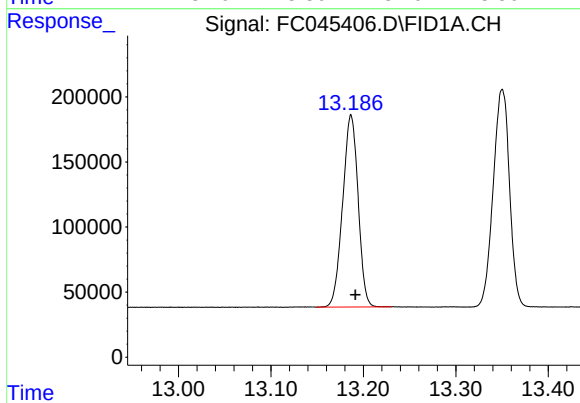
#10 n-Eicosane (C20)

R.T.: 12.739 min
Delta R.T.: -0.007 min
Response: 2080234
Conc: 19.88 ug/ml



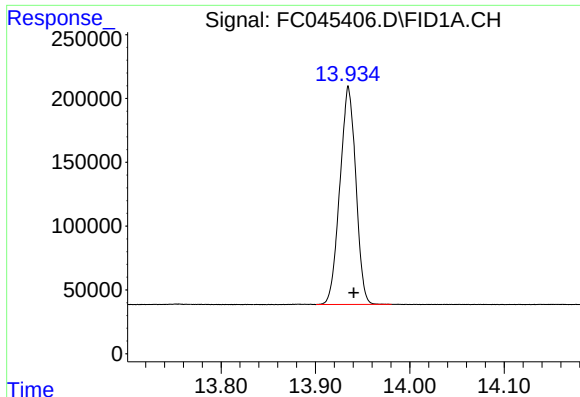
#11 n-Heneicosane (C21)

R.T.: 13.350 min
Delta R.T.: -0.007 min
Response: 2054828
Conc: 19.43 ug/ml



#12 1-chlorooctadecane (SURR)

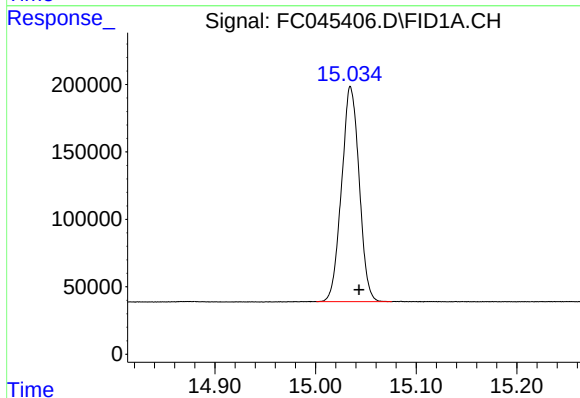
R.T.: 13.187 min
Delta R.T.: -0.005 min
Response: 1710958
Conc: 19.19 ug/ml



#13 n-Docosane (C22)

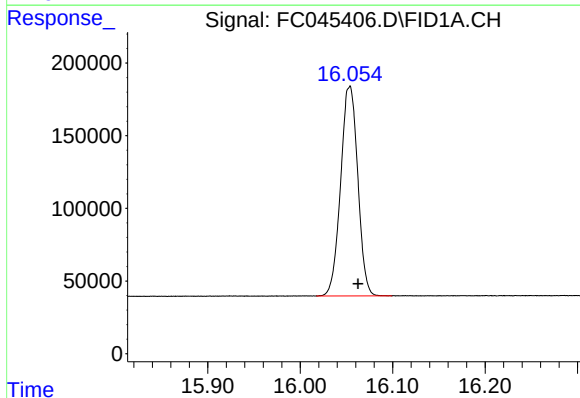
R.T.: 13.935 min
Delta R.T.: -0.006 min
Response: 2006459
Conc: 18.98 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



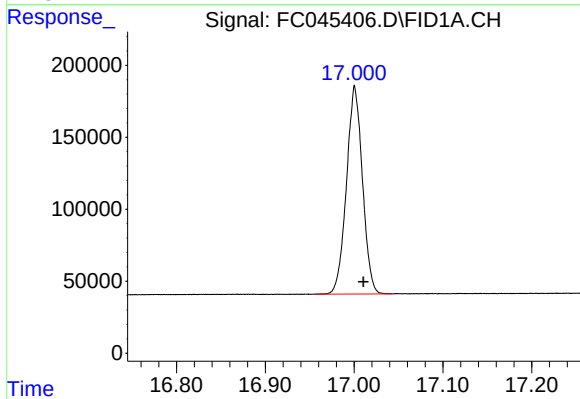
#14 n-Tetracosane (C24)

R.T.: 15.035 min
Delta R.T.: -0.008 min
Response: 1936879
Conc: 18.13 ug/ml



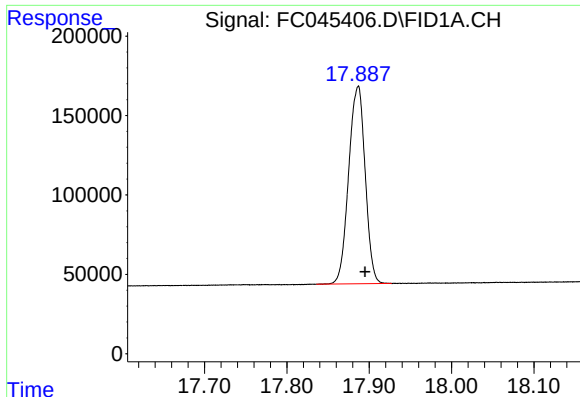
#15 n-Hexacosane (C26)

R.T.: 16.053 min
Delta R.T.: -0.009 min
Response: 1860140
Conc: 17.44 ug/ml



#16 n-Octacosane (C28)

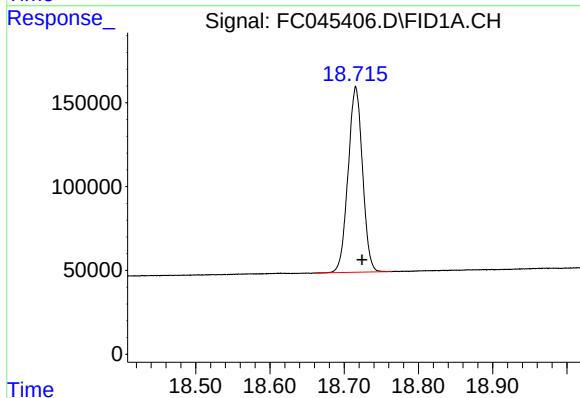
R.T.: 17.001 min
Delta R.T.: -0.010 min
Response: 1805788
Conc: 17.10 ug/ml



#17 n-Tricontane (C30)

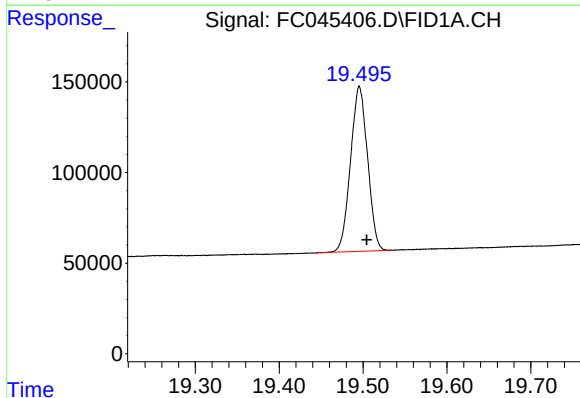
R.T.: 17.887 min
Delta R.T.: -0.008 min
Response: 1730741
Conc: 16.98 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



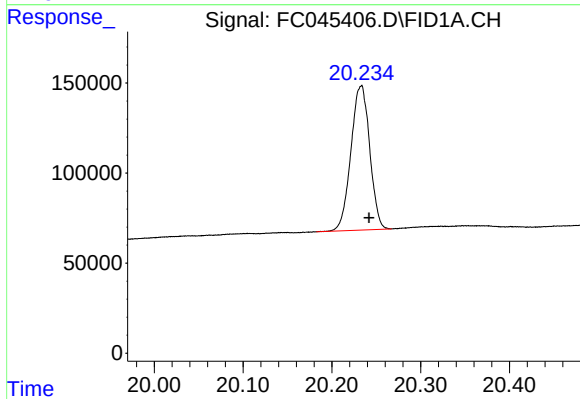
#18 n-Dotriacontane (C32)

R.T.: 18.716 min
Delta R.T.: -0.009 min
Response: 1492912
Conc: 17.26 ug/ml



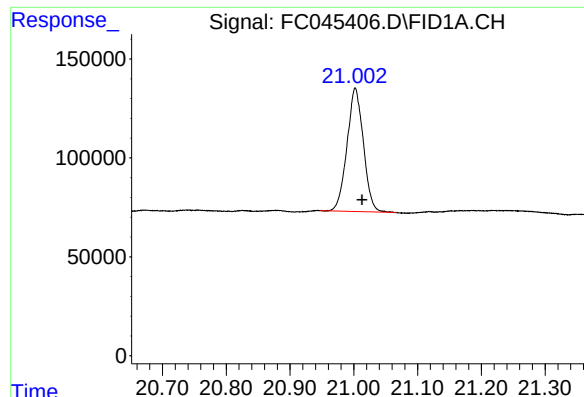
#19 n-Tetratriacontane (C34)

R.T.: 19.496 min
Delta R.T.: -0.009 min
Response: 1284680
Conc: 17.54 ug/ml



#20 n-Hexatriacontane (C36)

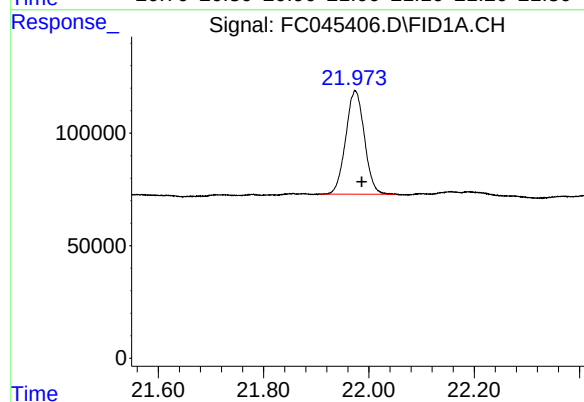
R.T.: 20.233 min
Delta R.T.: -0.009 min
Response: 1176783
Conc: 17.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.002 min
Delta R.T.: -0.011 min
Response: 1111586
Conc: 18.82 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.974 min
Delta R.T.: -0.012 min
Response: 1130294
Conc: 19.11 ug/ml