

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121018AL\
 Data File : FC038086.D
 Signal(s) : FID1A.CH
 Acq On : 10 Dec 2018 15:48
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Dec 11 09:41:44 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 121018.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 10 17:11:09 2018
 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)	11.285	2489823	19.099 ug/ml
Spiked Amount 50.000		Recovery =	38.20%
12) S 1-chlorooctadecane (S...	12.728	1925907	19.102 ug/ml
Spiked Amount 50.000		Recovery =	38.20%
Target Compounds			
1) T n-Nonane (C9)	3.124	1996993	19.202 ug/ml
2) T n-Decane (C10)	4.180	2009316	19.185 ug/ml
3) T A~Naphthalene (C11.7)	5.740	2263045	19.265 ug/ml
4) T n-Dodecane (C12)	6.184	2068556	19.160 ug/ml
5) T A~2-methylnaphthalene...	6.788	2236521	19.034 ug/ml
6) T n-Tetradecane (C14)	7.965	2131377	19.083 ug/ml
7) T n-Hexadecane (C16)	9.555	2187193	18.959 ug/ml
8) T n-Octadecane (C18)	10.988	2261442	18.708 ug/ml
10) T n-Eicosane (C20)	12.290	2274591	18.937 ug/ml
11) T n-Heneicosane (C21)	12.899	2230383	19.221 ug/ml
13) T n-Docosane (C22)	13.482	2234258	19.332 ug/ml
14) T n-Tetracosane (C24)	14.580	2242920	19.535 ug/ml
15) T n-Hexacosane (C26)	15.595	2209017	19.637 ug/ml
16) T n-Octacosane (C28)	16.542	2228706	19.828 ug/ml
17) T n-Tricontane (C30)	17.426	2209098	20.128 ug/ml
18) T n-Dotriacontane (C32)	18.253	2079110	20.299 ug/ml
19) T n-Tetratriacontane (C34)	19.033	1791074	20.324 ug/ml
20) T n-Hexatriacontane (C36)	19.768	1588842	20.281 ug/ml
21) T n-Octatriacontane (C38)	20.468	1553199	20.072 ug/ml
22) T n-Tetracontane (C40)	21.275	1734427	19.848 ug/ml

(f)=RT Delta > 1/2 Window

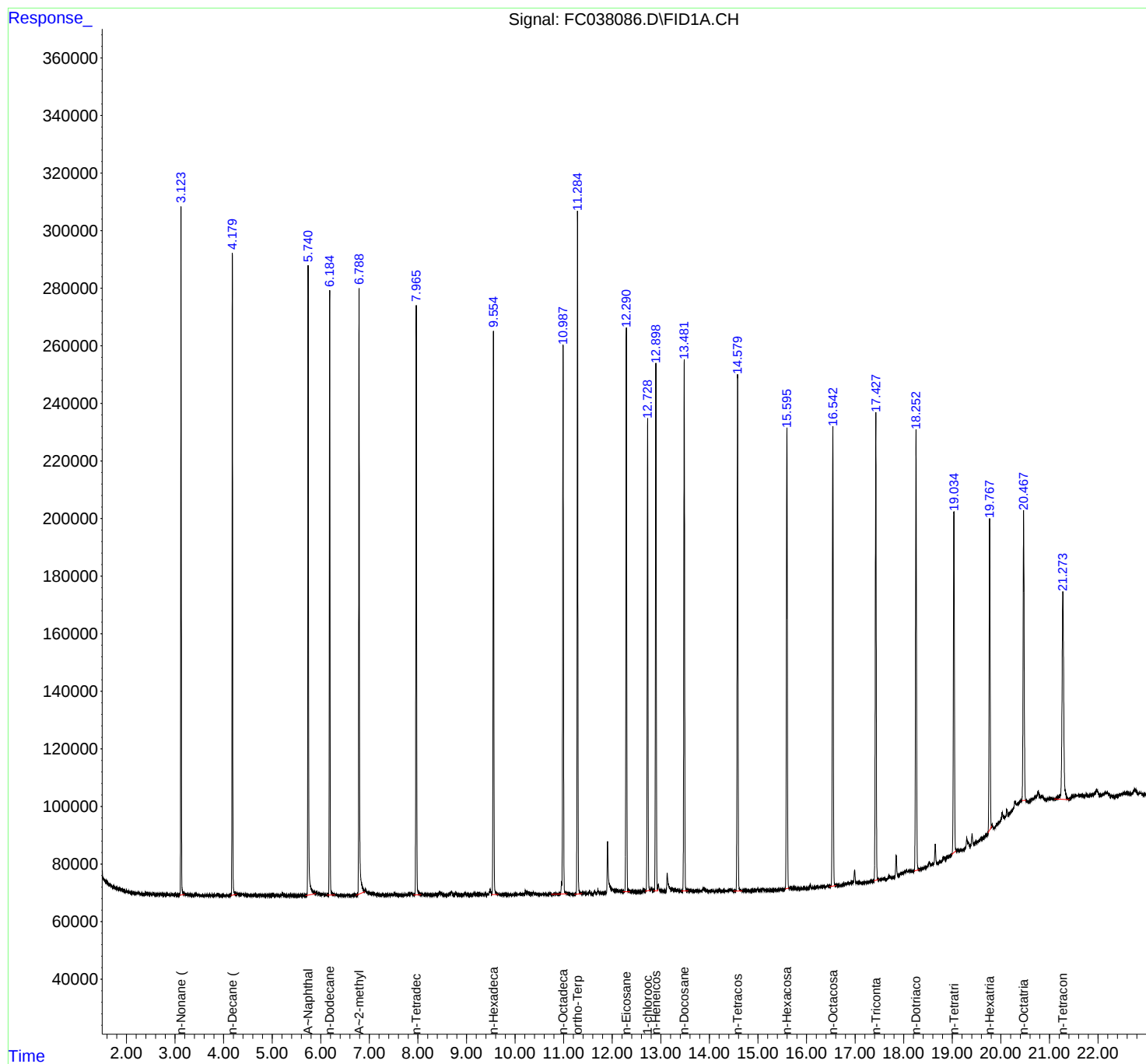
(m)=manual int.

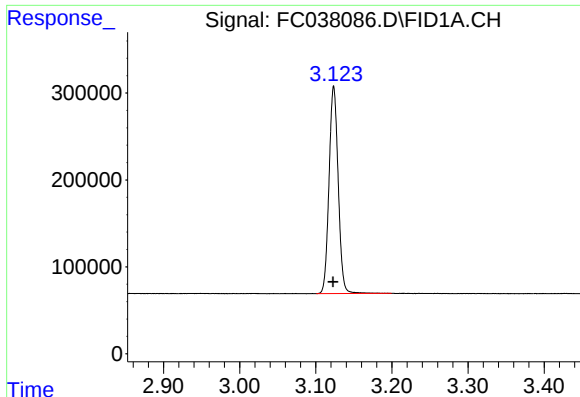
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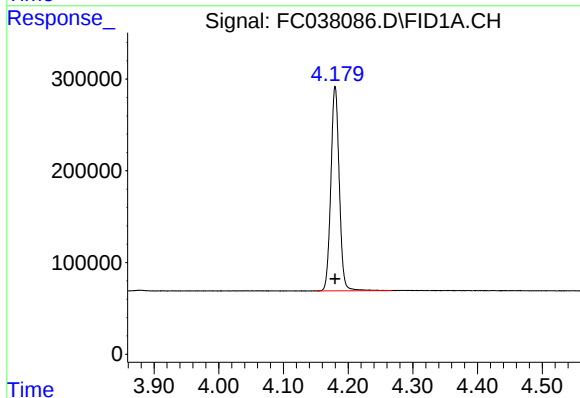




#1 n-Nonane (C9)

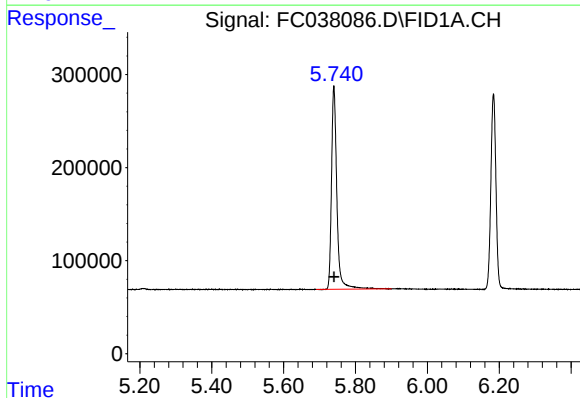
R.T.: 3.124 min
Delta R.T.: 0.000 min
Response: 1996993
Conc: 19.20 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD ICV



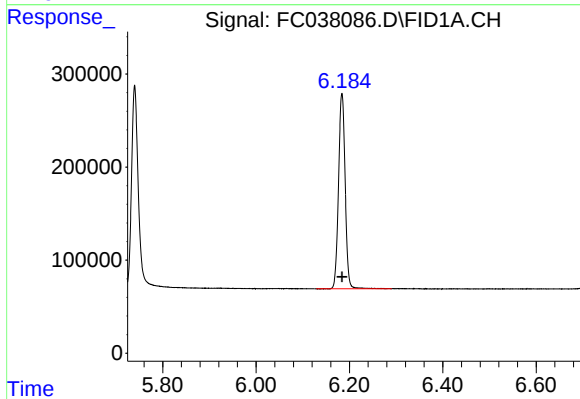
#2 n-Decane (C10)

R.T.: 4.180 min
Delta R.T.: 0.000 min
Response: 2009316
Conc: 19.19 ug/ml



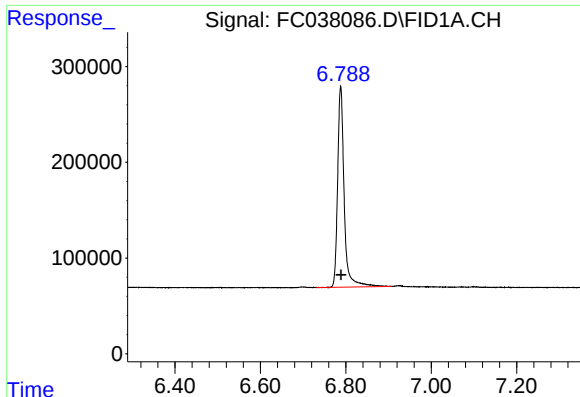
#3 A~Naphthalene (C11.7)

R.T.: 5.740 min
Delta R.T.: 0.000 min
Response: 2263045
Conc: 19.27 ug/ml



#4 n-Dodecane (C12)

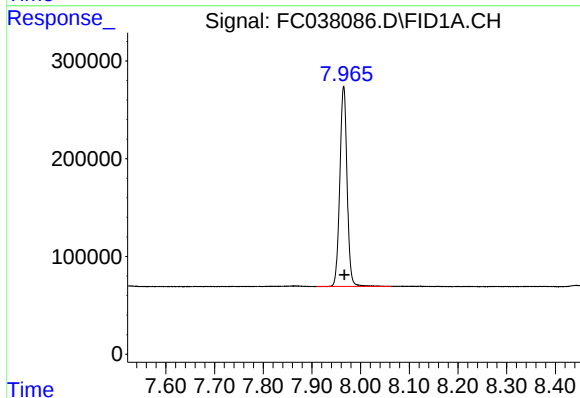
R.T.: 6.184 min
Delta R.T.: 0.000 min
Response: 2068556
Conc: 19.16 ug/ml



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

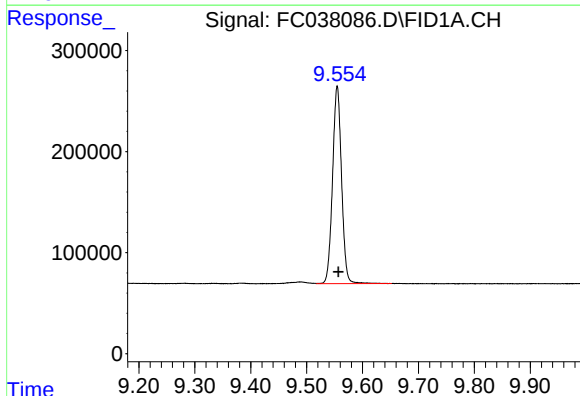
R.T.: 6.788 min
Delta R.T.: 0.000 min
Response: 2236521
Conc: 19.03 ug/ml

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20 PPM ALIPHATIC HC STD ICV



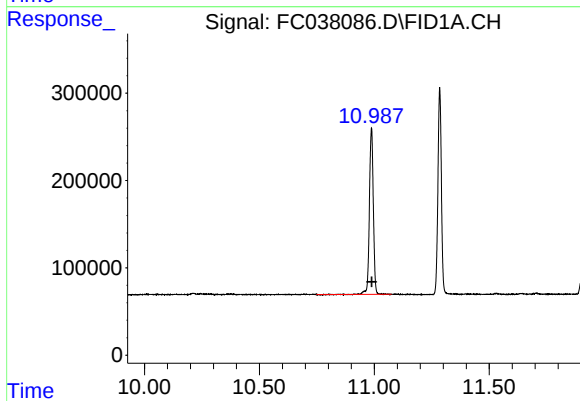
#6 n-Tetradecane (C14)

R.T.: 7.965 min
Delta R.T.: -0.001 min
Response: 2131377
Conc: 19.08 ug/ml



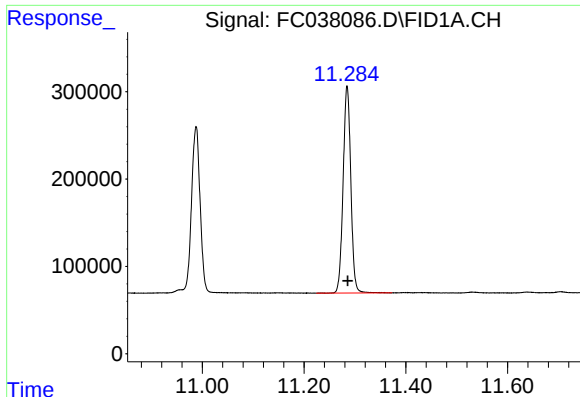
#7 n-Hexadecane (C16)

R.T.: 9.555 min
Delta R.T.: -0.002 min
Response: 2187193
Conc: 18.96 ug/ml



#8 n-Octadecane (C18)

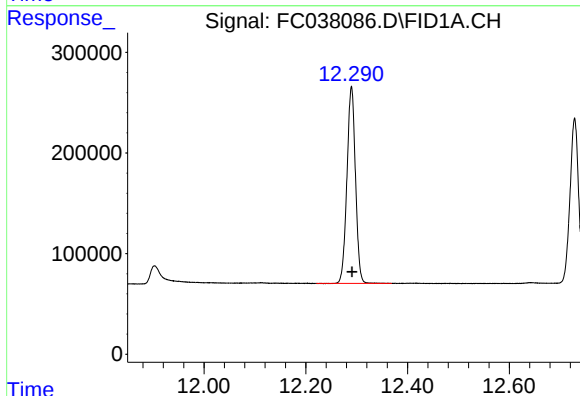
R.T.: 10.988 min
Delta R.T.: -0.001 min
Response: 2261442
Conc: 18.71 ug/ml



#9 ortho-Terphenyl (SURR)

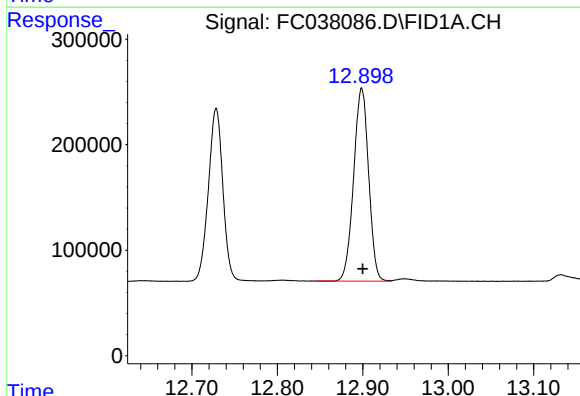
R.T.: 11.285 min
Delta R.T.: -0.001 min
Response: 2489823
Conc: 19.10 ug/ml

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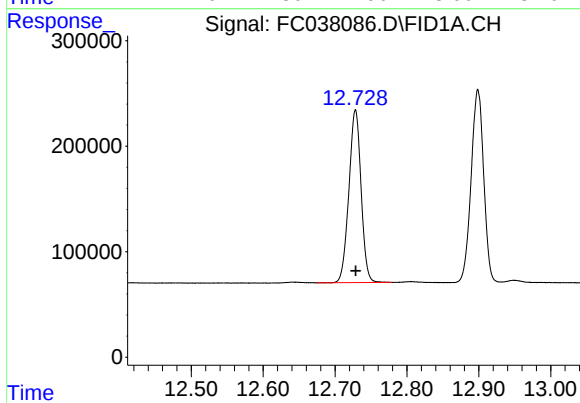
#10 n-Eicosane (C20)

R.T.: 12.290 min
Delta R.T.: -0.001 min
Response: 2274591
Conc: 18.94 ug/ml



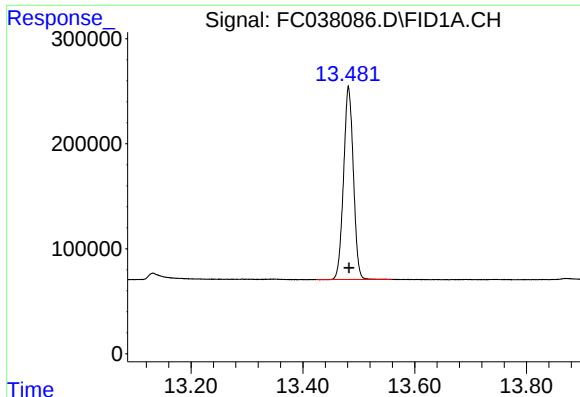
#11 n-Heneicosane (C21)

R.T.: 12.899 min
Delta R.T.: -0.001 min
Response: 2230383
Conc: 19.22 ug/ml



#12 1-chlorooctadecane (SURR)

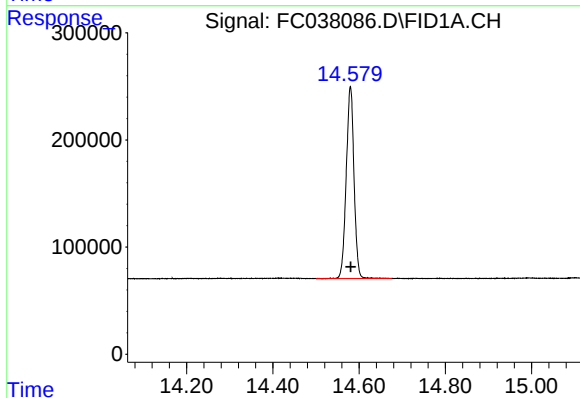
R.T.: 12.728 min
Delta R.T.: 0.000 min
Response: 1925907
Conc: 19.10 ug/ml



#13 n-Docosane (C22)

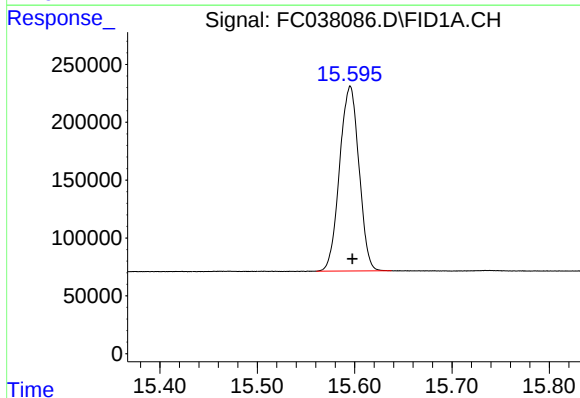
R.T.: 13.482 min
Delta R.T.: -0.001 min
Response: 2234258
Conc: 19.33 ug/ml

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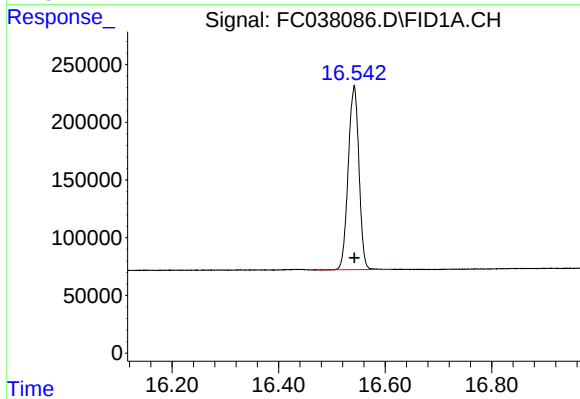
#14 n-Tetracosane (C24)

R.T.: 14.580 min
Delta R.T.: 0.000 min
Response: 2242920
Conc: 19.54 ug/ml



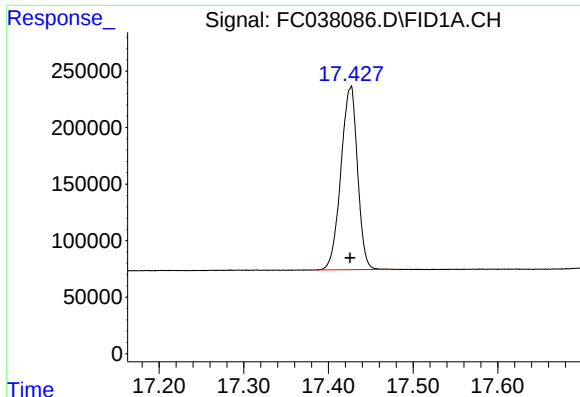
#15 n-Hexacosane (C26)

R.T.: 15.595 min
Delta R.T.: -0.002 min
Response: 2209017
Conc: 19.64 ug/ml



#16 n-Octacosane (C28)

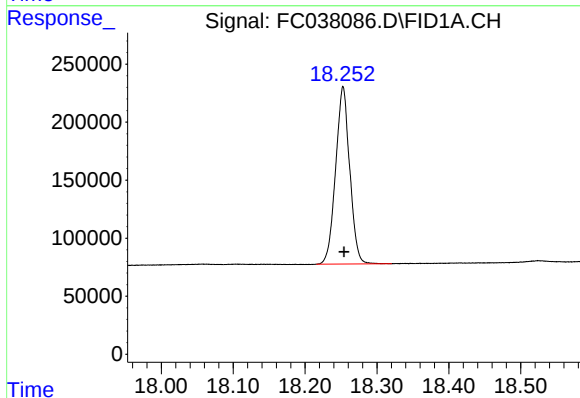
R.T.: 16.542 min
Delta R.T.: 0.000 min
Response: 2228706
Conc: 19.83 ug/ml



#17 n-Tricontane (C30)

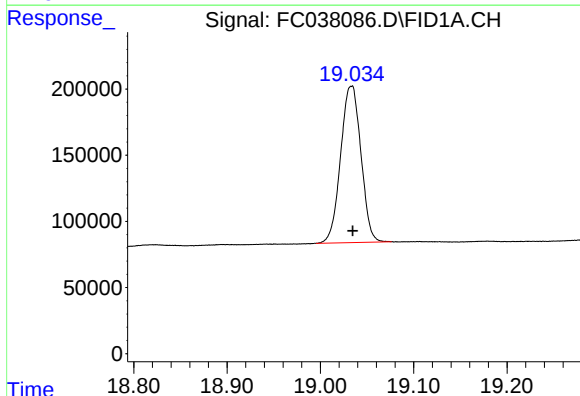
R.T.: 17.426 min
Delta R.T.: 0.000 min
Response: 2209098
Conc: 20.13 ug/ml

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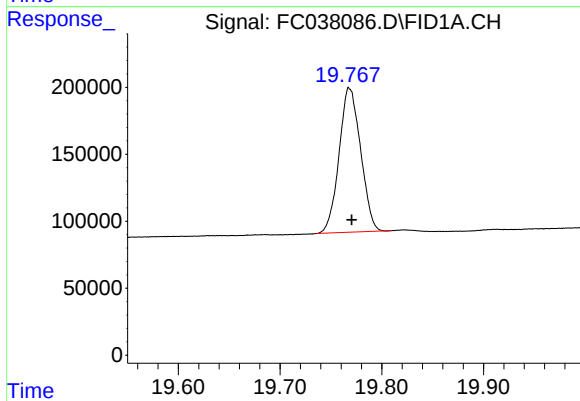
#18 n-Dotriacontane (C32)

R.T.: 18.253 min
Delta R.T.: -0.001 min
Response: 2079110
Conc: 20.30 ug/ml



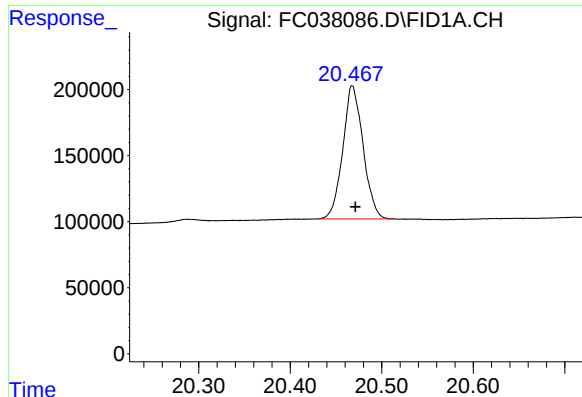
#19 n-Tetratriacontane (C34)

R.T.: 19.033 min
Delta R.T.: -0.002 min
Response: 1791074
Conc: 20.32 ug/ml



#20 n-Hexatriacontane (C36)

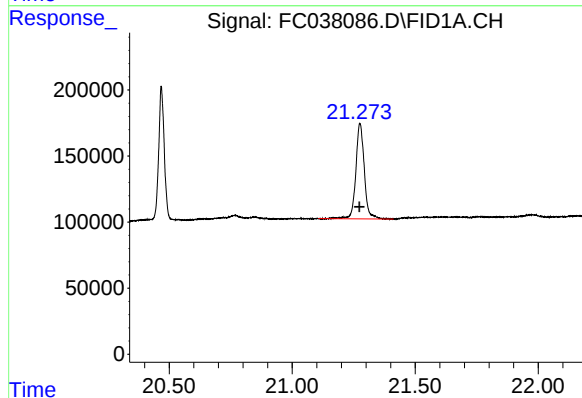
R.T.: 19.768 min
Delta R.T.: -0.002 min
Response: 1588842
Conc: 20.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.468 min
Delta R.T.: -0.003 min
Response: 1553199
Conc: 20.07 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.275 min
Delta R.T.: 0.001 min
Response: 1734427
Conc: 19.85 ug/ml