

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022321AL\
 Data File : FC052130.D
 Signal(s) : FID1A.CH
 Acq On : 23 Feb 2021 21:32
 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: autoint1.e
 Quant Time: Feb 24 02:27:10 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 021521.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 16 09:35:39 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)	11.702	2560574	21.096 ug/ml
Spiked Amount 50.000		Recovery =	42.19%
12) S 1-chlorooctadecane (S...	13.132	2037693	20.753 ug/ml
Spiked Amount 50.000		Recovery =	41.51%
Target Compounds			
1) T n-Nonane (C9)	3.451	2319557	21.951 ug/ml
2) T n-Decane (C10)	4.521	2358109	22.129 ug/ml
3) T A~Naphthalene (C11.7)	6.115	2661372	22.253 ug/ml
4) T n-Dodecane (C12)	6.540	2414740	22.331 ug/ml
5) T A~2-methylnaphthalene...	7.173	2720562	22.296 ug/ml
6) T n-Tetradecane (C14)	8.335	2430796	22.383 ug/ml
7) T n-Hexadecane (C16)	9.936	2392516	22.169 ug/ml
8) T n-Octadecane (C18)	11.377	2461887	21.776 ug/ml
10) T n-Eicosane (C20)	12.687	2436958	21.219 ug/ml
11) T n-Heneicosane (C21)	13.297	2402651	20.848 ug/ml
13) T n-Docosane (C22)	13.884	2356108	20.327 ug/ml
14) T n-Tetracosane (C24)	14.986	2330242	19.900 ug/ml
15) T n-Hexacosane (C26)	16.008	2240427	19.163 ug/ml
16) T n-Octacosane (C28)	16.957	2154650	18.321 ug/ml
17) T n-Tricontane (C30)	17.846	2084930	17.639 ug/ml
18) T n-Dotriacontane (C32)	18.678	2013418	17.169 ug/ml
19) T n-Tetratriacontane (C34)	19.461	1935234	16.709 ug/ml
20) T n-Hexatriacontane (C36)	20.203	1912070	17.185 ug/ml
21) T n-Octatriacontane (C38)	20.959	1748657	17.074 ug/ml
22) T n-Tetracontane (C40)	21.912	1787965	17.345 ug/ml

(f)=RT Delta > 1/2 Window

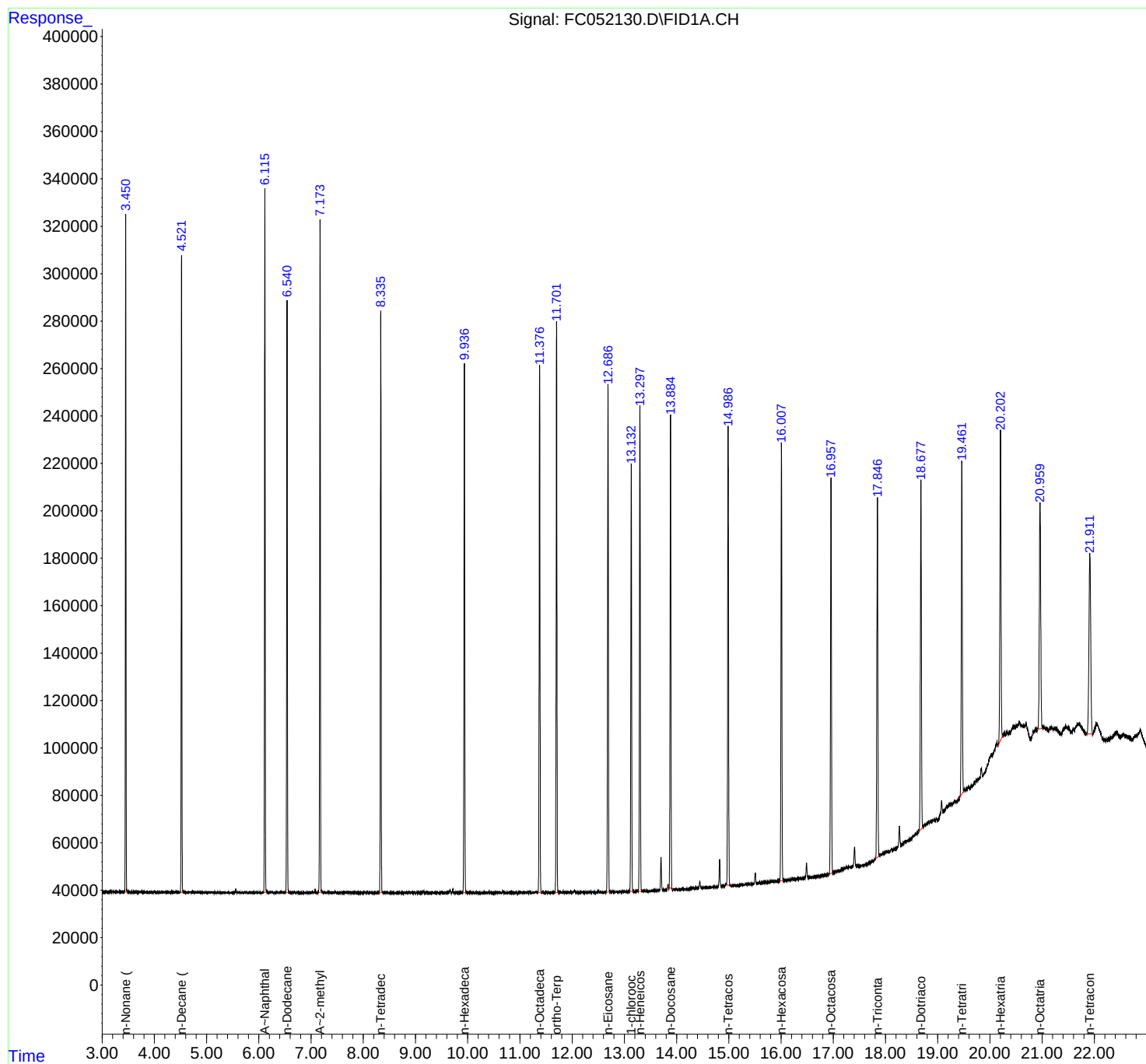
(m)=manual int.

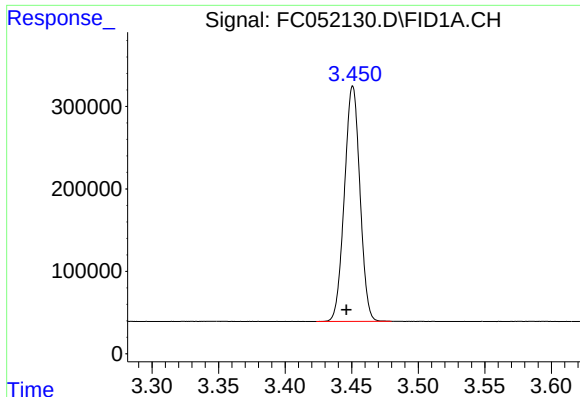
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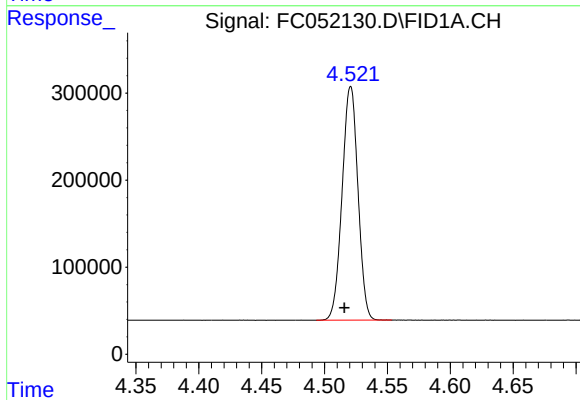




#1 n-Nonane (C9)

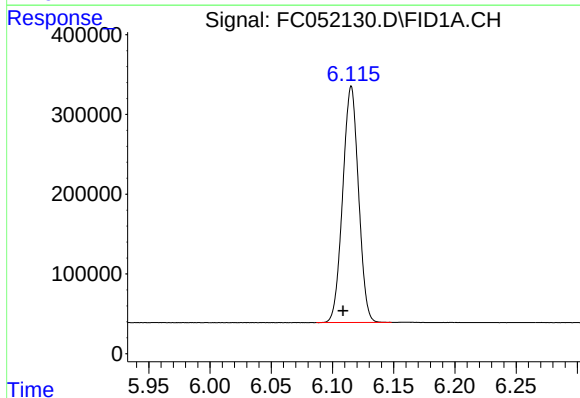
R.T.: 3.451 min
Delta R.T.: 0.005 min
Response: 2319557
Conc: 21.95 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



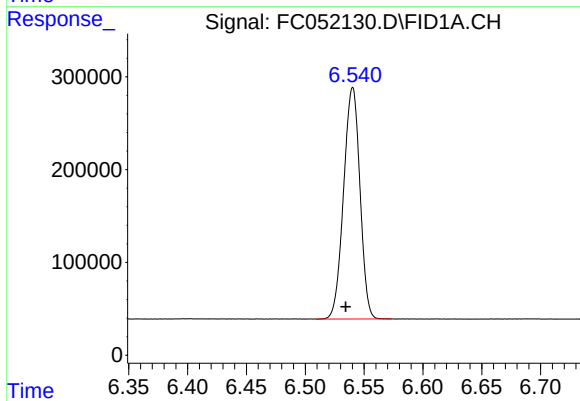
#2 n-Decane (C10)

R.T.: 4.521 min
Delta R.T.: 0.005 min
Response: 2358109
Conc: 22.13 ug/ml



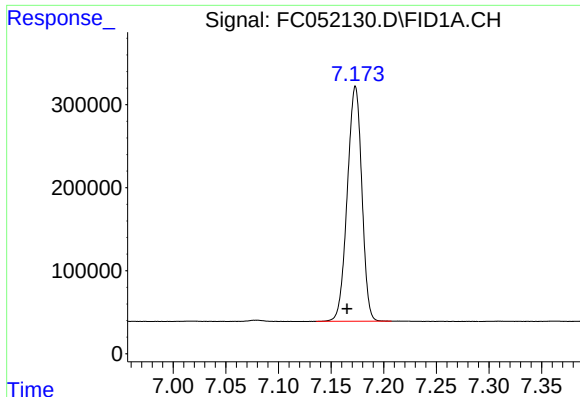
#3 A~Naphthalene (C11.7)

R.T.: 6.115 min
Delta R.T.: 0.007 min
Response: 2661372
Conc: 22.25 ug/ml



#4 n-Dodecane (C12)

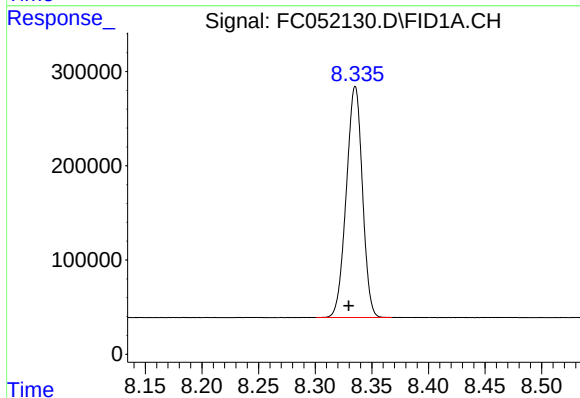
R.T.: 6.540 min
Delta R.T.: 0.006 min
Response: 2414740
Conc: 22.33 ug/ml



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

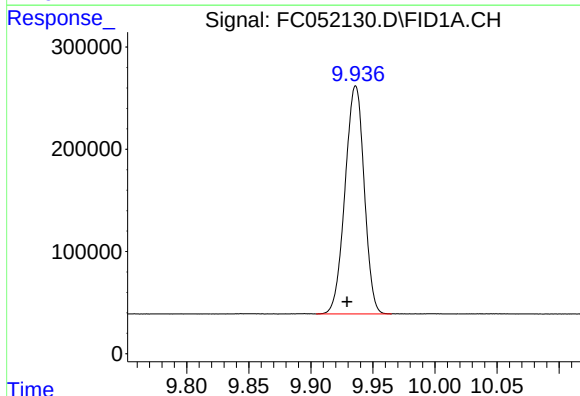
R.T.: 7.173 min
Delta R.T.: 0.008 min
Response: 2720562
Conc: 22.30 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



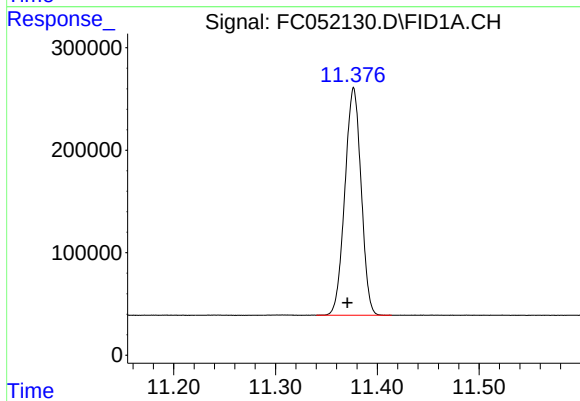
#6 n-Tetradecane (C14)

R.T.: 8.335 min
Delta R.T.: 0.006 min
Response: 2430796
Conc: 22.38 ug/ml



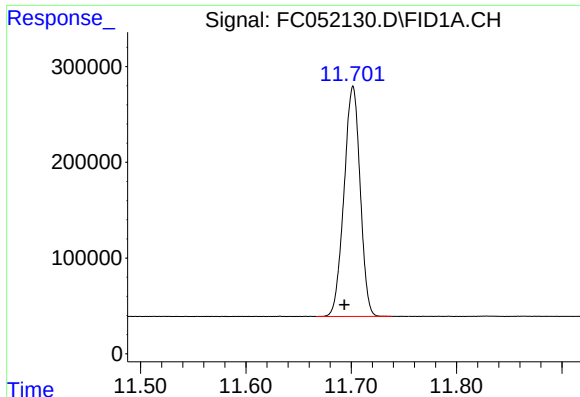
#7 n-Hexadecane (C16)

R.T.: 9.936 min
Delta R.T.: 0.007 min
Response: 2392516
Conc: 22.17 ug/ml



#8 n-Octadecane (C18)

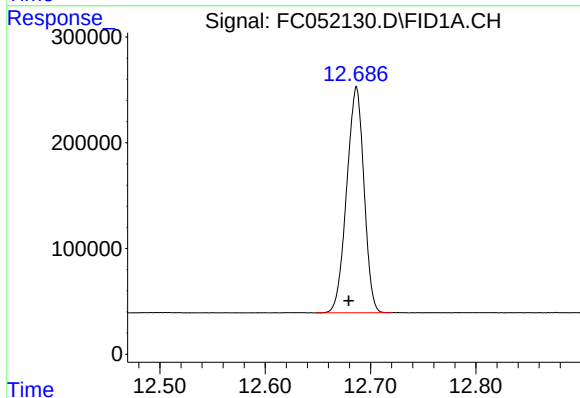
R.T.: 11.377 min
Delta R.T.: 0.006 min
Response: 2461887
Conc: 21.78 ug/ml



#9 ortho-Terphenyl (SURR)

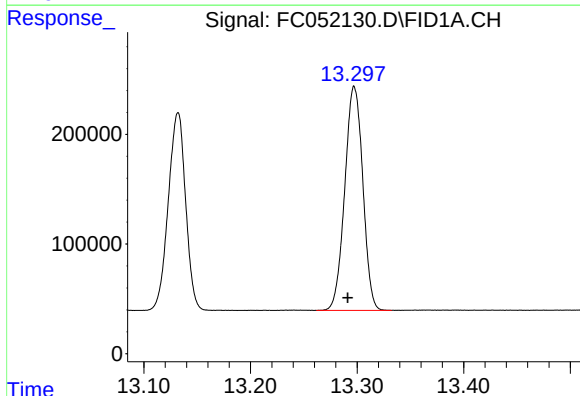
R.T.: 11.702 min
Delta R.T.: 0.008 min
Response: 2560574
Conc: 21.10 ug/ml

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20 PPM ALIPHATIC HC STD



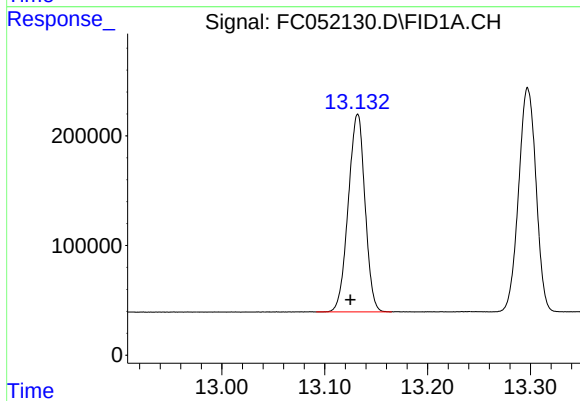
#10 n-Eicosane (C20)

R.T.: 12.687 min
Delta R.T.: 0.008 min
Response: 2436958
Conc: 21.22 ug/ml



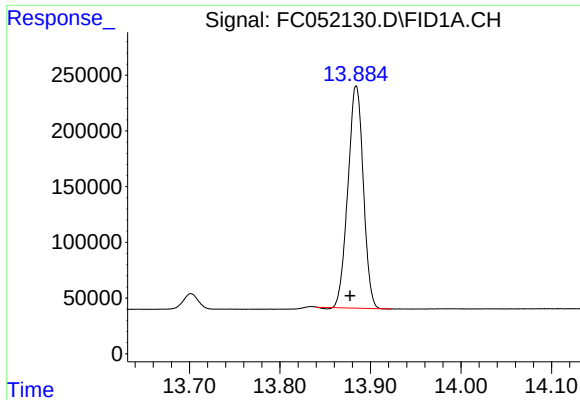
#11 n-Heneicosane (C21)

R.T.: 13.297 min
Delta R.T.: 0.006 min
Response: 2402651
Conc: 20.85 ug/ml



#12 1-chlorooctadecane (SURR)

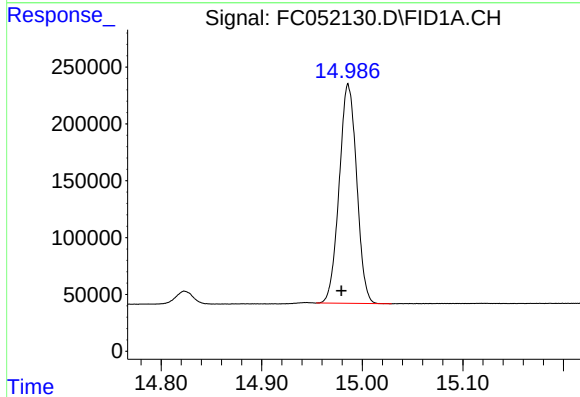
R.T.: 13.132 min
Delta R.T.: 0.007 min
Response: 2037693
Conc: 20.75 ug/ml



#13 n-Docosane (C22)

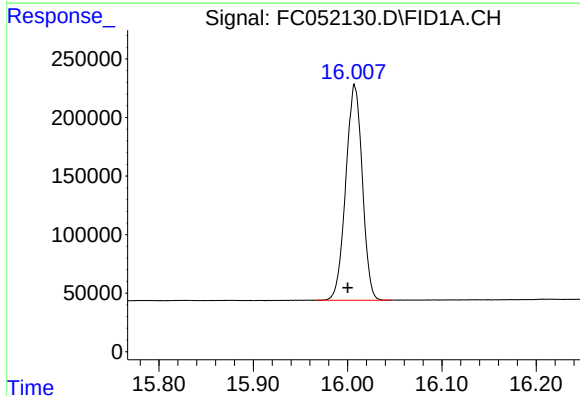
R.T.: 13.884 min
Delta R.T.: 0.007 min
Response: 2356108
Conc: 20.33 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



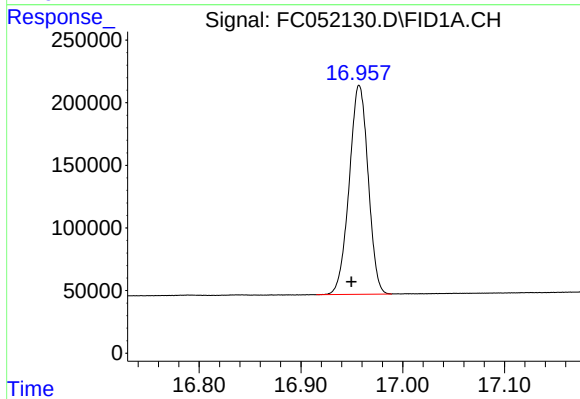
#14 n-Tetracosane (C24)

R.T.: 14.986 min
Delta R.T.: 0.007 min
Response: 2330242
Conc: 19.90 ug/ml



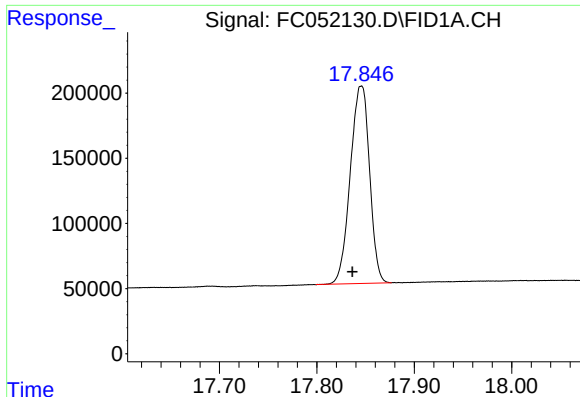
#15 n-Hexacosane (C26)

R.T.: 16.008 min
Delta R.T.: 0.007 min
Response: 2240427
Conc: 19.16 ug/ml



#16 n-Octacosane (C28)

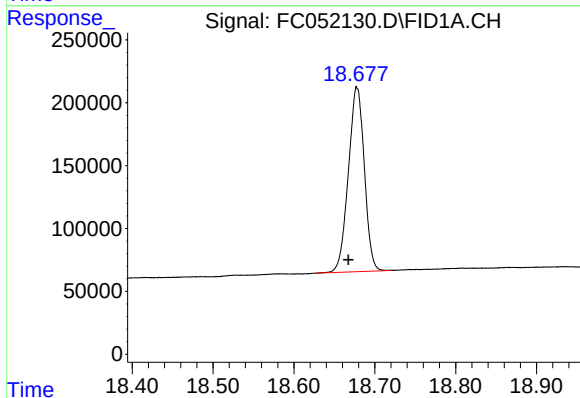
R.T.: 16.957 min
Delta R.T.: 0.008 min
Response: 2154650
Conc: 18.32 ug/ml



#17 n-Tricontane (C30)

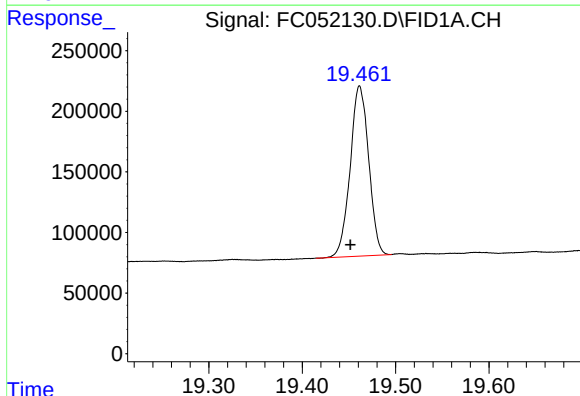
R.T.: 17.846 min
Delta R.T.: 0.009 min
Response: 2084930
Conc: 17.64 ug/ml

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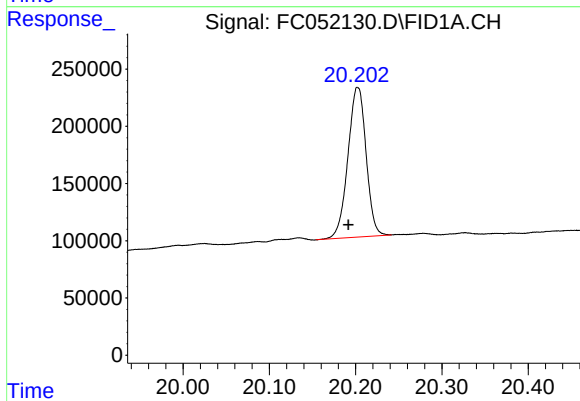
#18 n-Dotriacontane (C32)

R.T.: 18.678 min
Delta R.T.: 0.011 min
Response: 2013418
Conc: 17.17 ug/ml



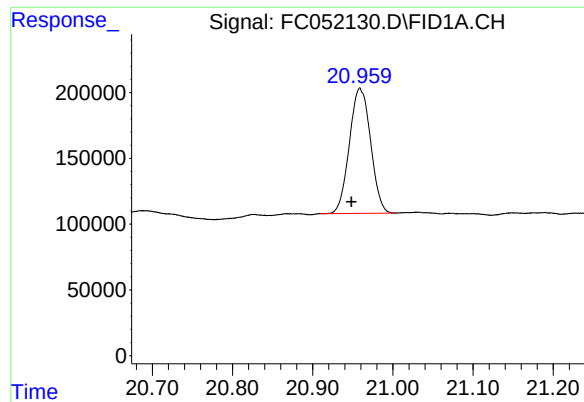
#19 n-Tetratriacontane (C34)

R.T.: 19.461 min
Delta R.T.: 0.010 min
Response: 1935234
Conc: 16.71 ug/ml



#20 n-Hexatriacontane (C36)

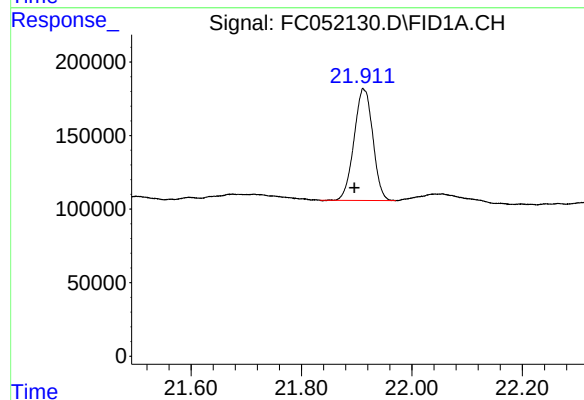
R.T.: 20.203 min
Delta R.T.: 0.011 min
Response: 1912070
Conc: 17.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.959 min
Delta R.T.: 0.011 min
Response: 1748657
Conc: 17.07 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.912 min
Delta R.T.: 0.016 min
Response: 1787965
Conc: 17.35 ug/ml