

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062620AL\
 Data File : FC048102.D
 Signal(s) : FID1A.CH
 Acq On : 26 Jun 2020 12:20
 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: Jun 27 01:06:51 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 060920.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 10 08:39:57 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)	11.720	2189736	18.254 ug/ml
Spiked Amount 50.000		Recovery =	36.51%
12) S 1-chlorooctadecane (S...	13.134	1763769	18.010 ug/ml
Spiked Amount 50.000		Recovery =	36.02%
Target Compounds			
1) T n-Nonane (C9)	3.535	1993743	19.923 ug/ml
2) T n-Decane (C10)	4.597	2017327	20.078 ug/ml
3) T A-Naphthalene (C11.7)	6.197	1985399	19.677 ug/ml
4) T n-Dodecane (C12)	6.595	2107416	20.131 ug/ml
5) T A~2-methylnaphthalene...	7.244	2018343	19.500 ug/ml
6) T n-Tetradecane (C14)	8.372	2114365	20.145 ug/ml
7) T n-Hexadecane (C16)	9.959	2073930	19.850 ug/ml
8) T n-Octadecane (C18)	11.389	2138445	19.238 ug/ml
10) T n-Eicosane (C20)	12.688	2112193	18.560 ug/ml
11) T n-Heneicosane (C21)	13.294	2079090	18.169 ug/ml
13) T n-Docosane (C22)	13.876	2030712	17.703 ug/ml
14) T n-Tetracosane (C24)	14.972	1945947	16.934 ug/ml
15) T n-Hexacosane (C26)	15.987	1856151	16.250 ug/ml
16) T n-Octacosane (C28)	16.929	1815249	15.971 ug/ml
17) T n-Tricontane (C30)	17.811	1763023	16.086 ug/ml
18) T n-Dotriacontane (C32)	18.637	1634120	16.484 ug/ml
19) T n-Tetratriacontane (C34)	19.417	1562567	17.061 ug/ml
20) T n-Hexatriacontane (C36)	20.151	1531104	17.854 ug/ml
21) T n-Octatriacontane (C38)	20.902	1499766	18.833 ug/ml
22) T n-Tetracontane (C40)	21.839	1513998	19.148 ug/ml

(f)=RT Delta > 1/2 Window

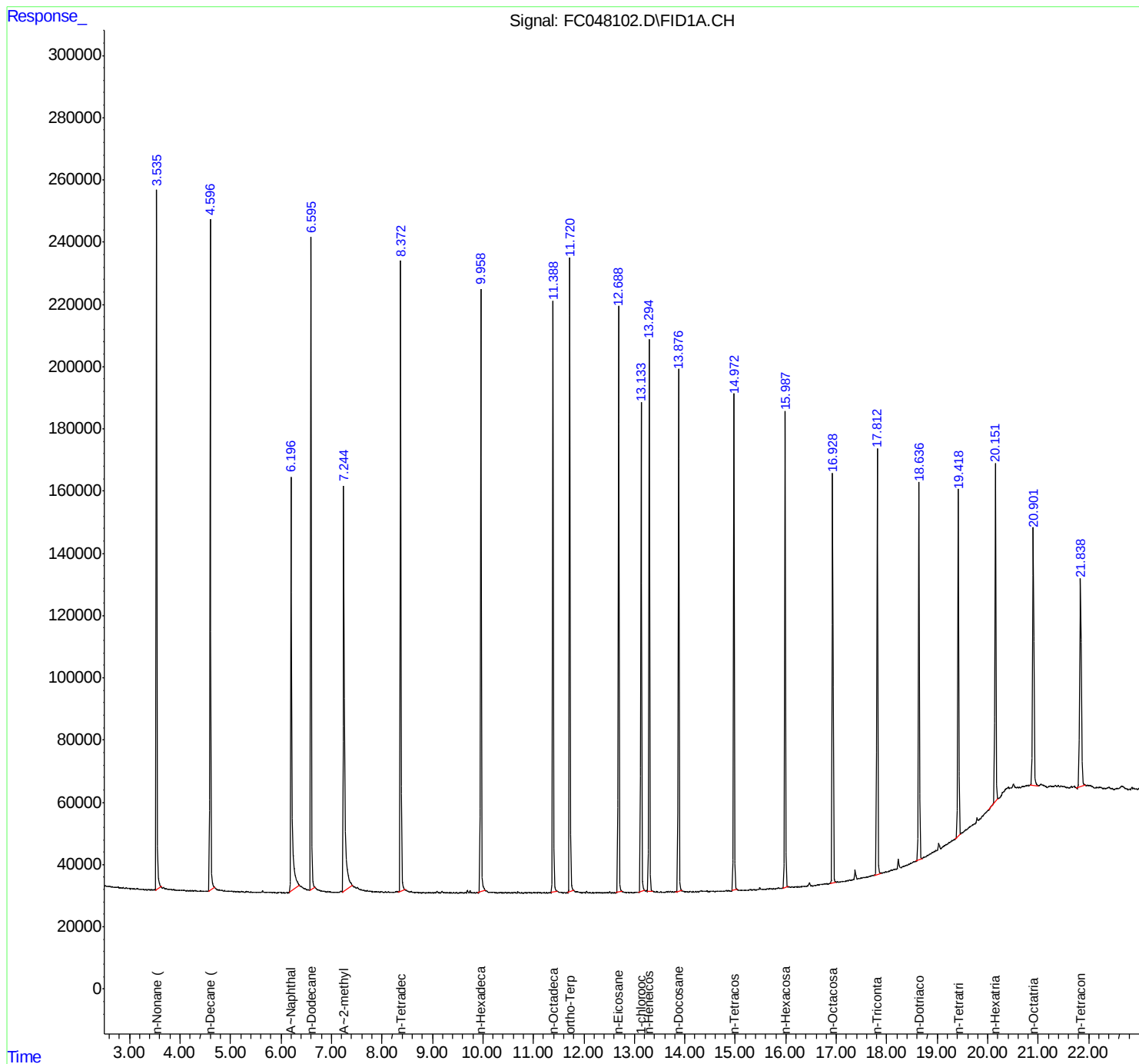
(m)=manual int.

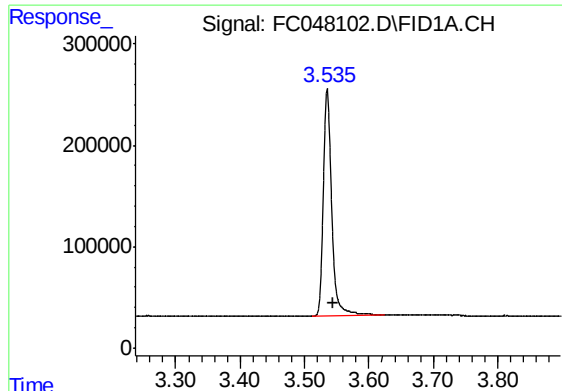
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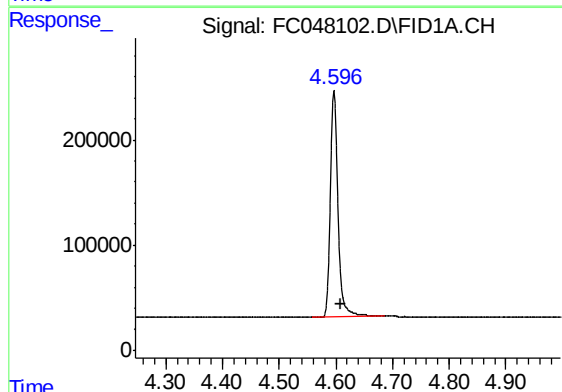




#1 n-Nonane (C9)

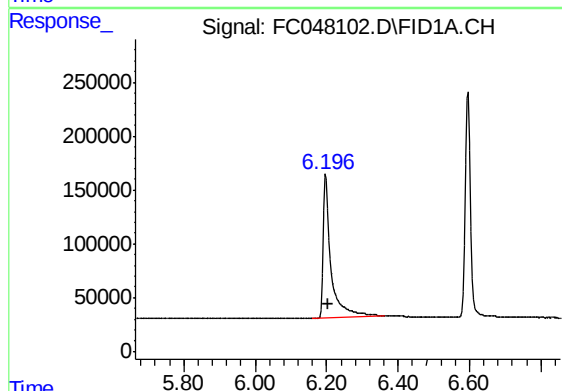
R.T.: 3.535 min
Delta R.T.: -0.009 min
Response: 1993743
Conc: 19.92 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



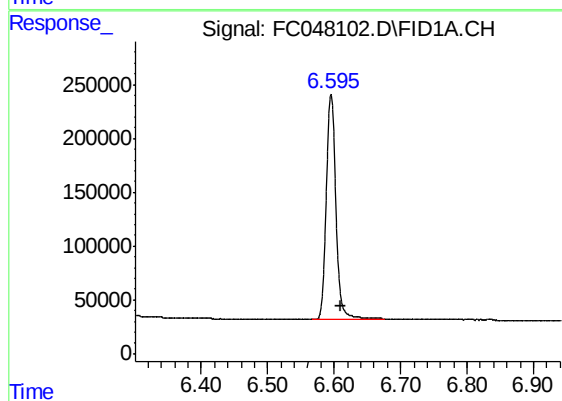
#2 n-Decane (C10)

R.T.: 4.597 min
Delta R.T.: -0.011 min
Response: 2017327
Conc: 20.08 ug/ml



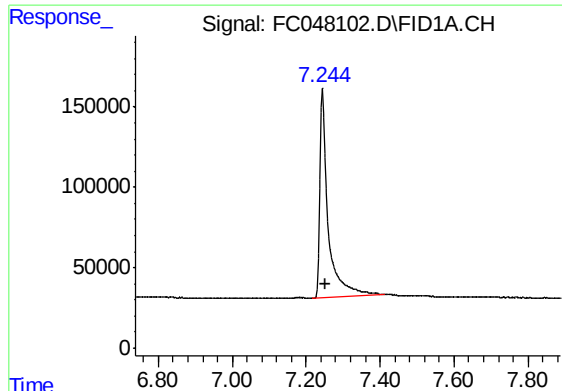
#3 A~Naphthalene (C11.7)

R.T.: 6.197 min
Delta R.T.: -0.007 min
Response: 1985399
Conc: 19.68 ug/ml



#4 n-Dodecane (C12)

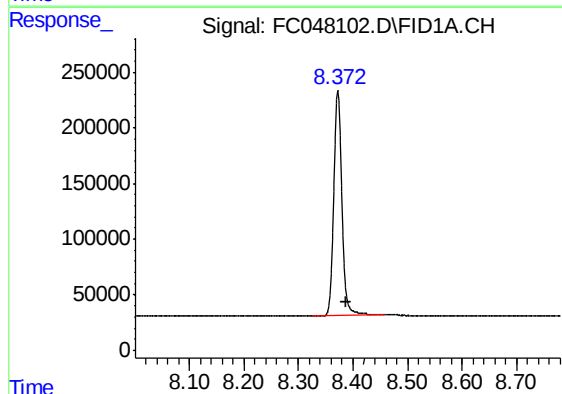
R.T.: 6.595 min
Delta R.T.: -0.015 min
Response: 2107416
Conc: 20.13 ug/ml



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

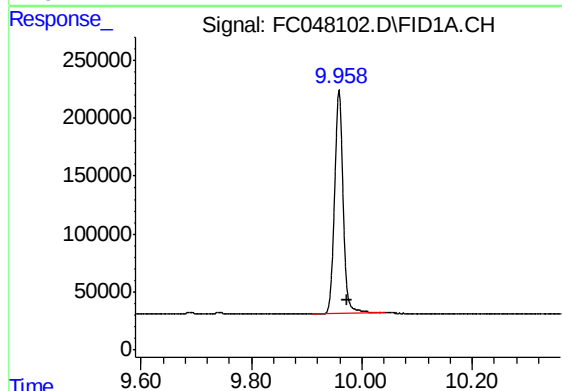
R.T.: 7.244 min
Delta R.T.: -0.009 min
Response: 2018343
Conc: 19.50 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



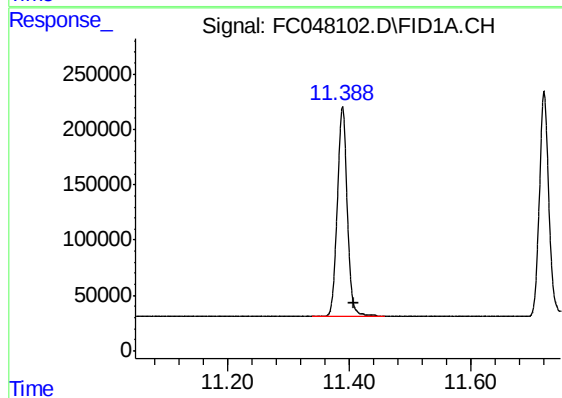
#6 n-Tetradecane (C14)

R.T.: 8.372 min
Delta R.T.: -0.015 min
Response: 2114365
Conc: 20.15 ug/ml



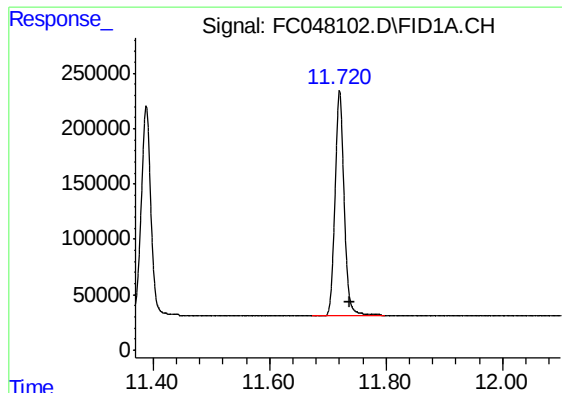
#7 n-Hexadecane (C16)

R.T.: 9.959 min
Delta R.T.: -0.016 min
Response: 2073930
Conc: 19.85 ug/ml



#8 n-Octadecane (C18)

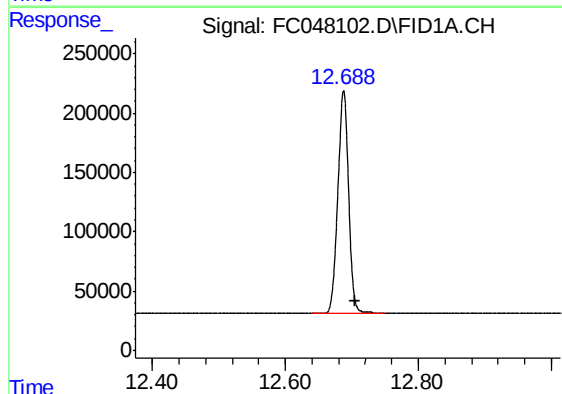
R.T.: 11.389 min
Delta R.T.: -0.017 min
Response: 2138445
Conc: 19.24 ug/ml



#9 ortho-Terphenyl (SURR)

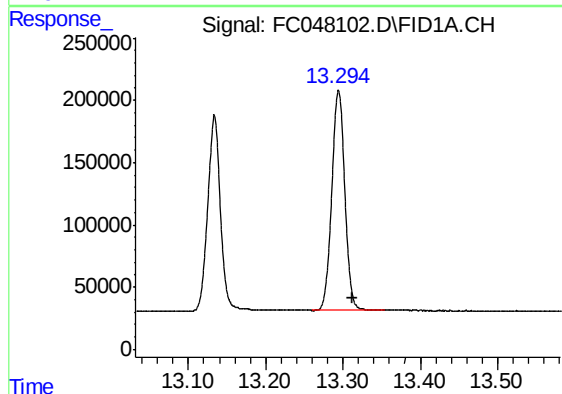
R.T.: 11.720 min
Delta R.T.: -0.018 min
Response: 2189736
Conc: 18.25 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



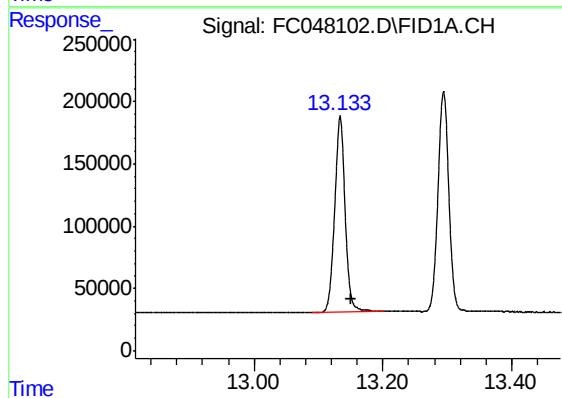
#10 n-Eicosane (C20)

R.T.: 12.688 min
Delta R.T.: -0.017 min
Response: 2112193
Conc: 18.56 ug/ml



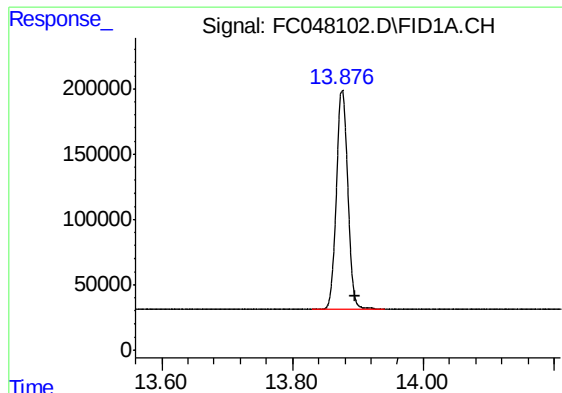
#11 n-Heneicosane (C21)

R.T.: 13.294 min
Delta R.T.: -0.018 min
Response: 2079090
Conc: 18.17 ug/ml



#12 1-chlorooctadecane (SURR)

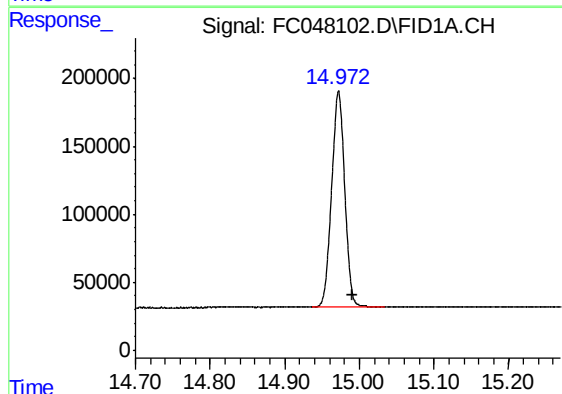
R.T.: 13.134 min
Delta R.T.: -0.016 min
Response: 1763769
Conc: 18.01 ug/ml



#13 n-Docosane (C22)

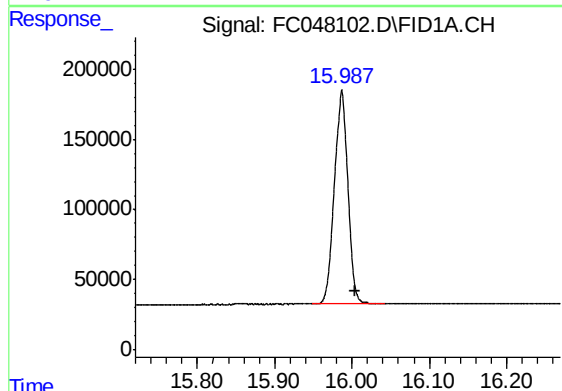
R.T.: 13.876 min
Delta R.T.: -0.019 min
Response: 2030712
Conc: 17.70 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



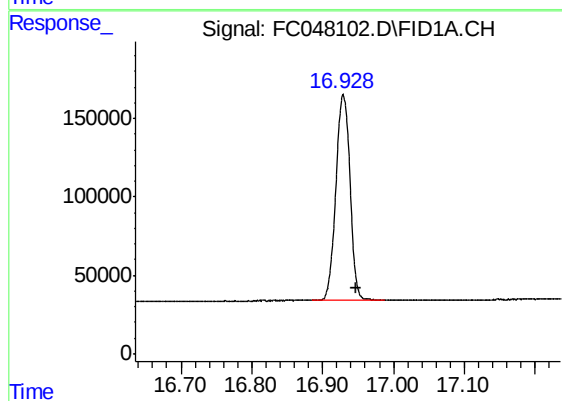
#14 n-Tetracosane (C24)

R.T.: 14.972 min
Delta R.T.: -0.018 min
Response: 1945947
Conc: 16.93 ug/ml



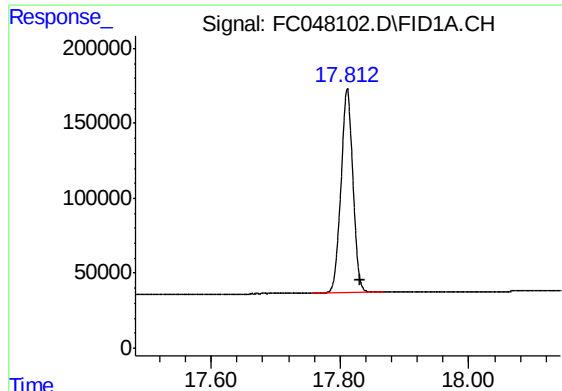
#15 n-Hexacosane (C26)

R.T.: 15.987 min
Delta R.T.: -0.017 min
Response: 1856151
Conc: 16.25 ug/ml



#16 n-Octacosane (C28)

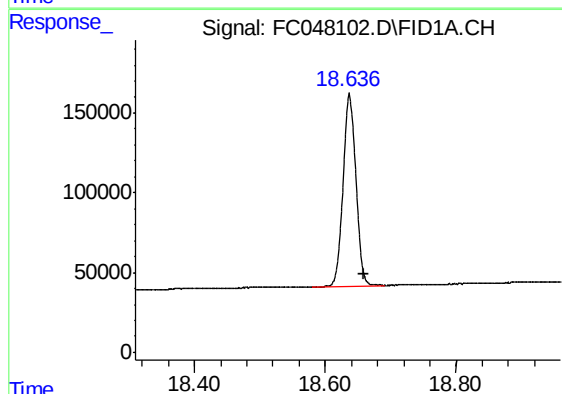
R.T.: 16.929 min
Delta R.T.: -0.019 min
Response: 1815249
Conc: 15.97 ug/ml



#17 n-Tricontane (C30)

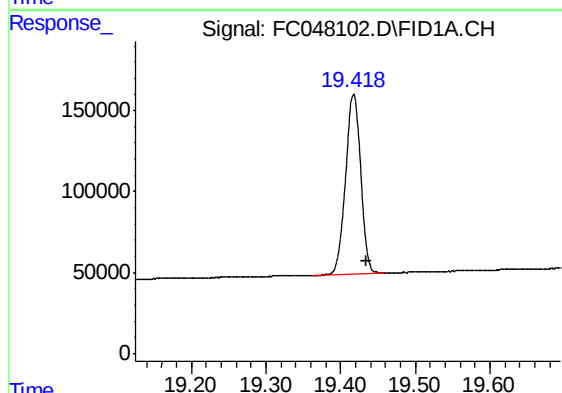
R.T.: 17.811 min
Delta R.T.: -0.019 min
Response: 1763023
Conc: 16.09 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



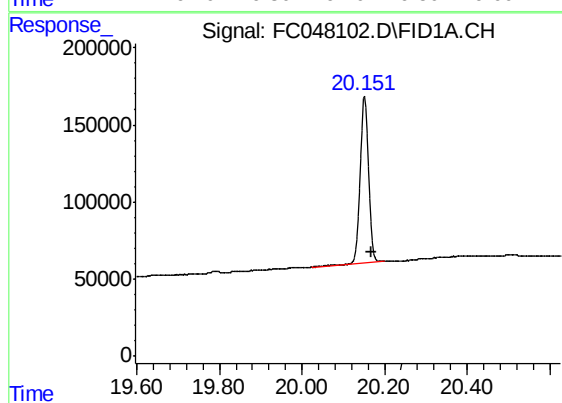
#18 n-Dotriacontane (C32)

R.T.: 18.637 min
Delta R.T.: -0.022 min
Response: 1634120
Conc: 16.48 ug/ml



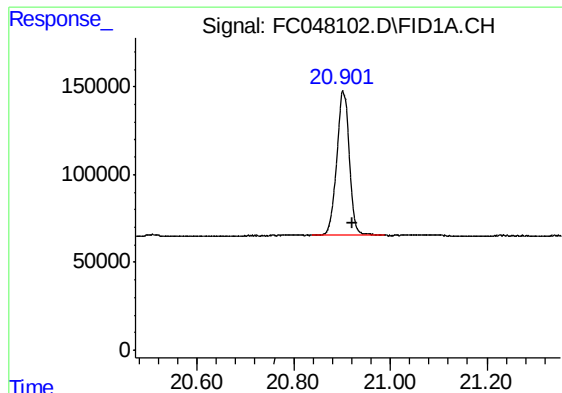
#19 n-Tetratriacontane (C34)

R.T.: 19.417 min
Delta R.T.: -0.018 min
Response: 1562567
Conc: 17.06 ug/ml



#20 n-Hexatriacontane (C36)

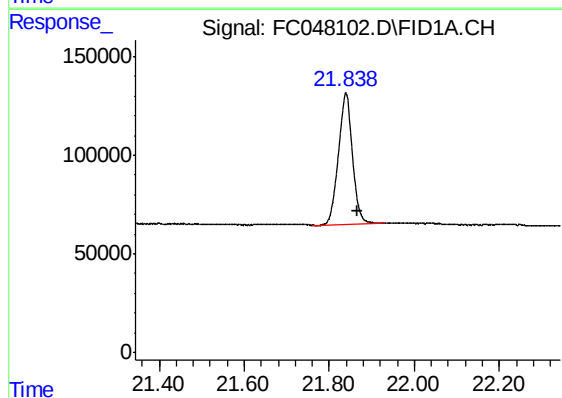
R.T.: 20.151 min
Delta R.T.: -0.016 min
Response: 1531104
Conc: 17.85 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.902 min
Delta R.T.: -0.021 min
Response: 1499766
Conc: 18.83 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.839 min
Delta R.T.: -0.029 min
Response: 1513998
Conc: 19.15 ug/ml