

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042320AL\
 Data File : FC047069.D
 Signal(s) : FID1A.CH
 Acq On : 24 Apr 2020 7:12
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 24 07:40:03 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 042320.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 23 16:30:34 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)	11.756	2310213	20.761 ug/ml
Spiked Amount 50.000		Recovery =	41.52%
12) S 1-chlorooctadecane (S...	13.170	1847279	20.685 ug/ml
Spiked Amount 50.000		Recovery =	41.37%
Target Compounds			
1) T n-Nonane (C9)	3.551	2008994	20.809 ug/ml
2) T n-Decane (C10)	4.617	2014992	20.889 ug/ml
3) T A-Naphthalene (C11.7)	6.217	2099872	20.845 ug/ml
4) T n-Dodecane (C12)	6.621	2062500	20.977 ug/ml
5) T A~2-methylnaphthalene...	7.266	2104488	21.098 ug/ml
6) T n-Tetradecane (C14)	8.401	2080942	21.071 ug/ml
7) T n-Hexadecane (C16)	9.991	2115834	20.986 ug/ml
8) T n-Octadecane (C18)	11.422	2156684	20.891 ug/ml
10) T n-Eicosane (C20)	12.724	2178914	20.765 ug/ml
11) T n-Heneicosane (C21)	13.332	2201811	20.700 ug/ml
13) T n-Docosane (C22)	13.915	2188848	20.570 ug/ml
14) T n-Tetracosane (C24)	15.012	2210154	20.551 ug/ml
15) T n-Hexacosane (C26)	16.027	2184101	20.244 ug/ml
16) T n-Octacosane (C28)	16.972	2131368	19.941 ug/ml
17) T n-Tricontane (C30)	17.855	1962311	19.610 ug/ml
18) T n-Dotriacontane (C32)	18.681	1461391	19.178 ug/ml
19) T n-Tetratriacontane (C34)	19.460	1068137	19.009 ug/ml
20) T n-Hexatriacontane (C36)	20.196	993822	19.860 ug/ml
21) T n-Octatriacontane (C38)	20.956	920409	20.298 ug/ml
22) T n-Tetracontane (C40)	21.912	877853	18.714 ug/ml

(f)=RT Delta > 1/2 Window

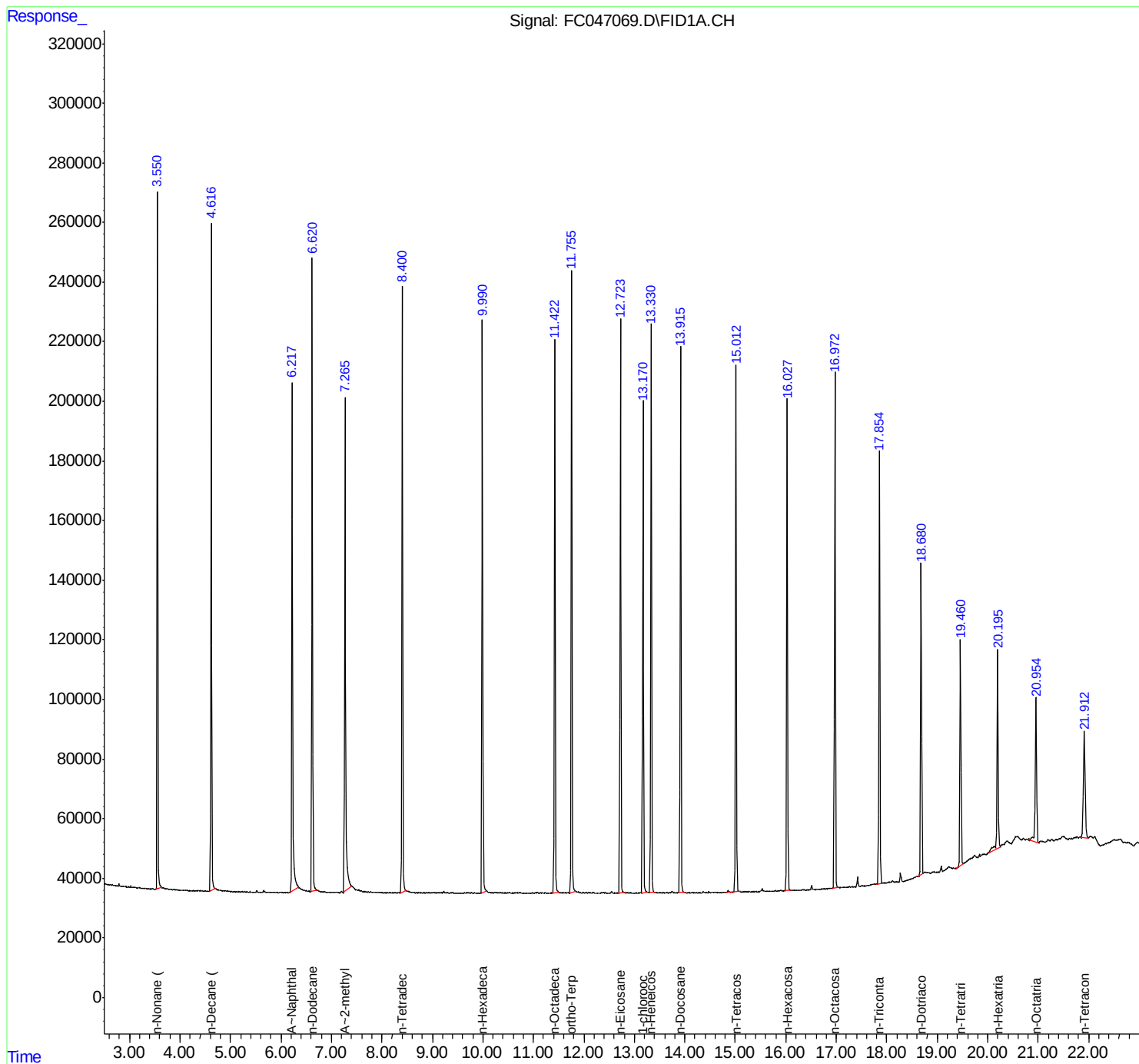
(m)=manual int.

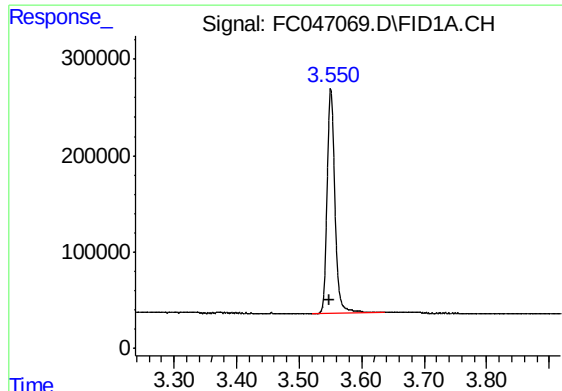
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042320AL\
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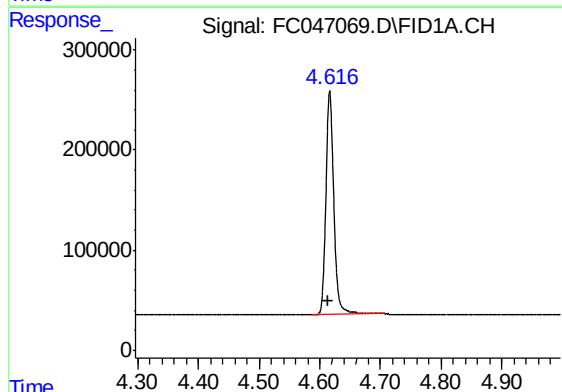




#1 n-Nonane (C9)

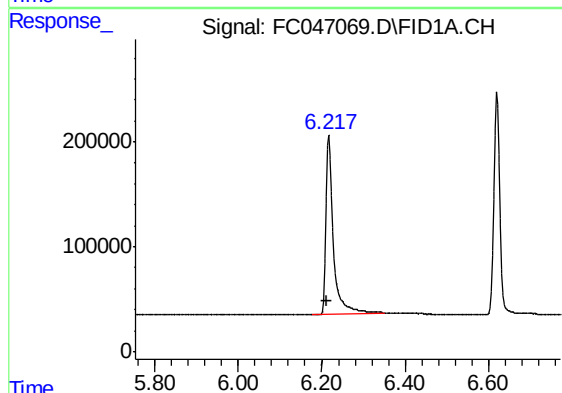
R.T.: 3.551 min
Delta R.T.: 0.002 min
Response: 2008994
Conc: 20.81 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



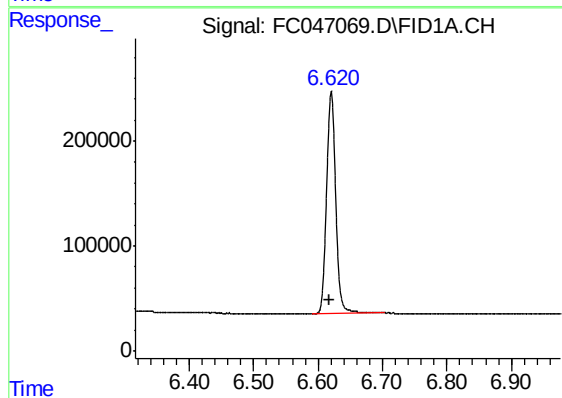
#2 n-Decane (C10)

R.T.: 4.617 min
Delta R.T.: 0.002 min
Response: 2014992
Conc: 20.89 ug/ml



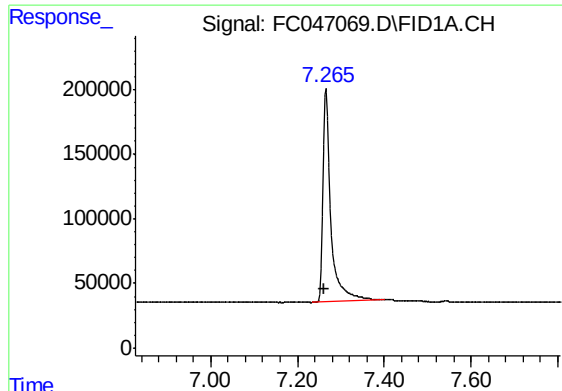
#3 A~Naphthalene (C11.7)

R.T.: 6.217 min
Delta R.T.: 0.004 min
Response: 2099872
Conc: 20.84 ug/ml



#4 n-Dodecane (C12)

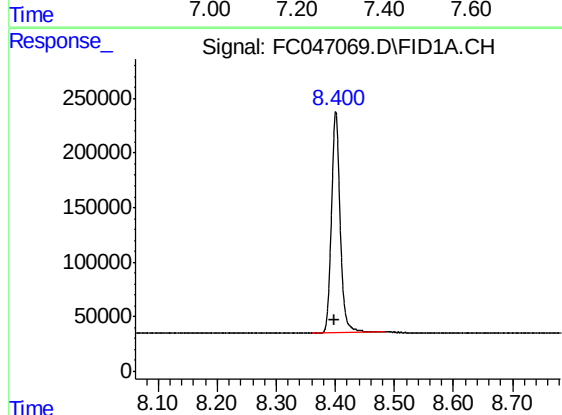
R.T.: 6.621 min
Delta R.T.: 0.003 min
Response: 2062500
Conc: 20.98 ug/ml



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

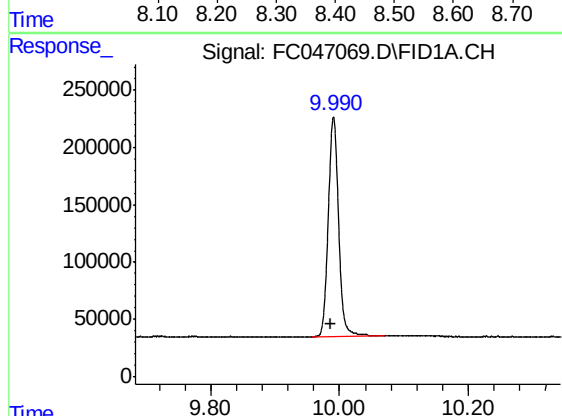
R.T.: 7.266 min
Delta R.T.: 0.003 min
Response: 2104488
Conc: 21.10 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



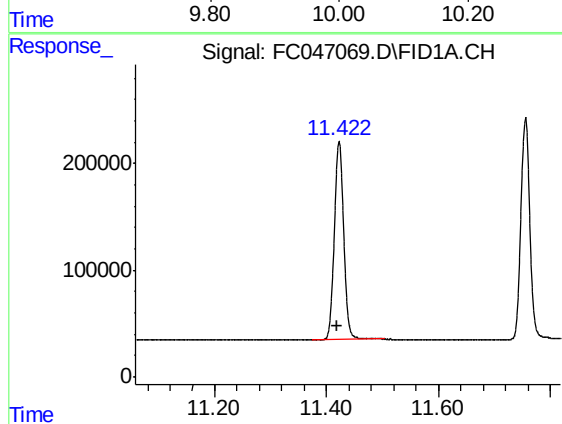
#6 n-Tetradecane (C14)

R.T.: 8.401 min
Delta R.T.: 0.003 min
Response: 2080942
Conc: 21.07 ug/ml



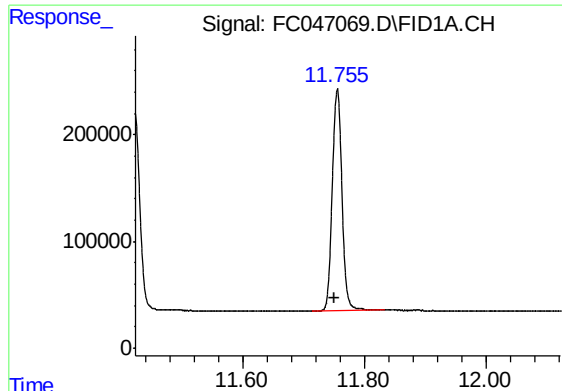
#7 n-Hexadecane (C16)

R.T.: 9.991 min
Delta R.T.: 0.004 min
Response: 2115834
Conc: 20.99 ug/ml



#8 n-Octadecane (C18)

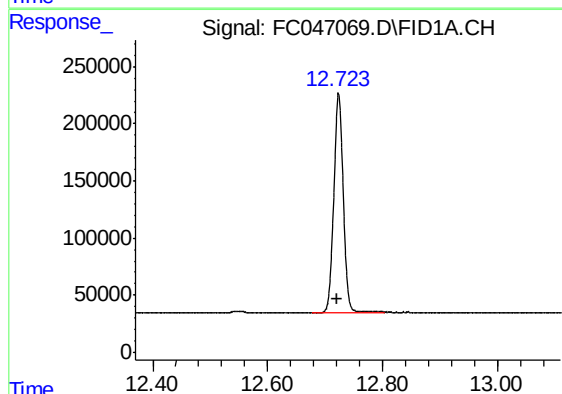
R.T.: 11.422 min
Delta R.T.: 0.004 min
Response: 2156684
Conc: 20.89 ug/ml



#9 ortho-Terphenyl (SURR)

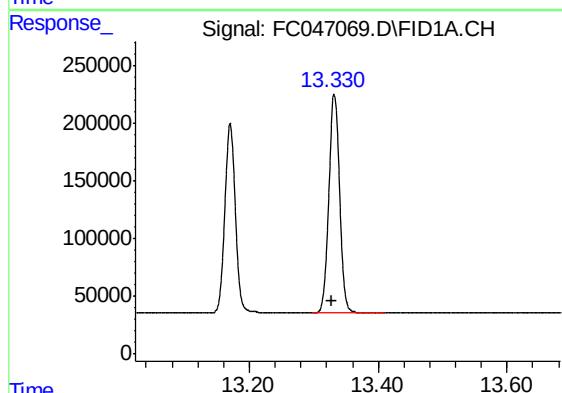
R.T.: 11.756 min
Delta R.T.: 0.004 min
Response: 2310213
Conc: 20.76 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



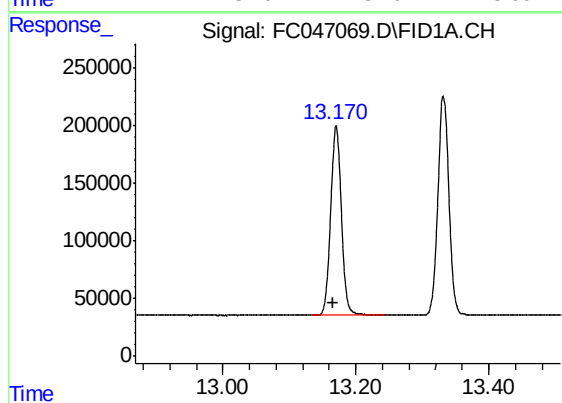
#10 n-Eicosane (C20)

R.T.: 12.724 min
Delta R.T.: 0.004 min
Response: 2178914
Conc: 20.77 ug/ml



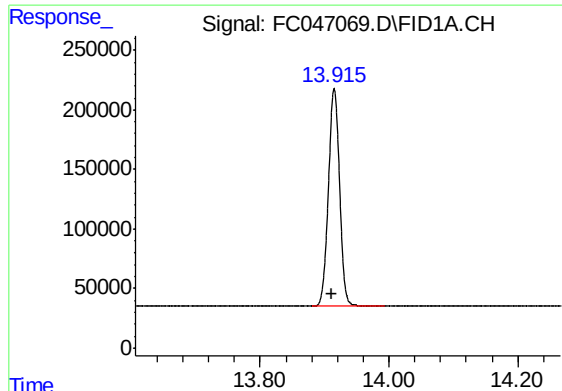
#11 n-Heneicosane (C21)

R.T.: 13.332 min
Delta R.T.: 0.004 min
Response: 2201811
Conc: 20.70 ug/ml



#12 1-chlorooctadecane (SURR)

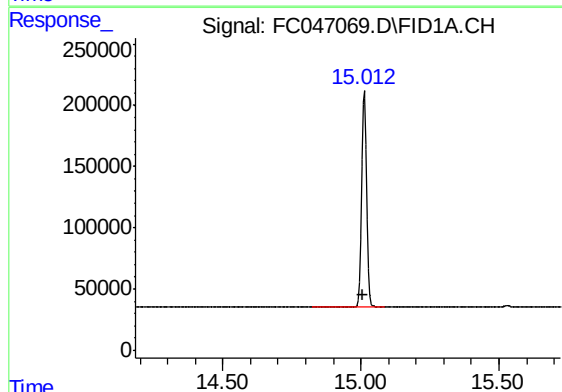
R.T.: 13.170 min
Delta R.T.: 0.004 min
Response: 1847279
Conc: 20.69 ug/ml



#13 n-Docosane (C22)

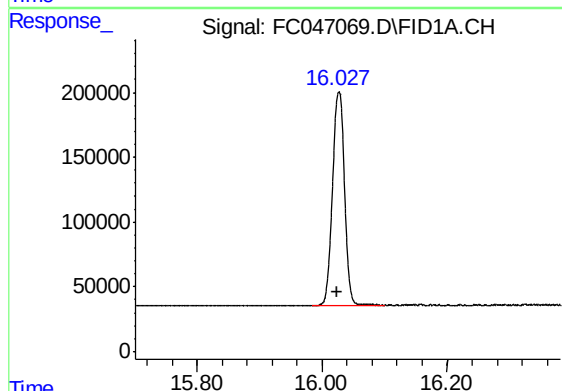
R.T.: 13.915 min
Delta R.T.: 0.004 min
Response: 2188848
Conc: 20.57 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



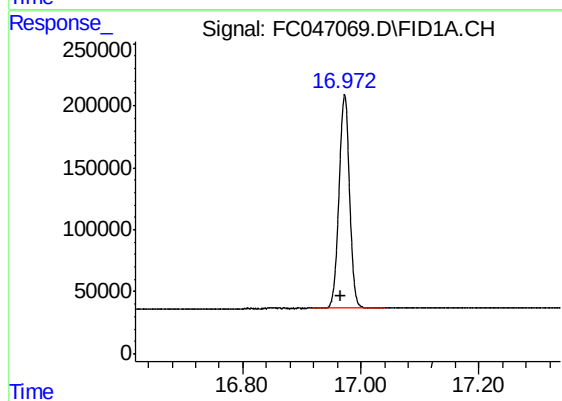
#14 n-Tetracosane (C24)

R.T.: 15.012 min
Delta R.T.: 0.004 min
Response: 2210154
Conc: 20.55 ug/ml



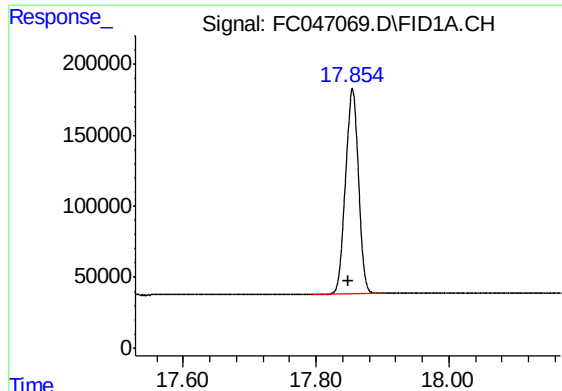
#15 n-Hexacosane (C26)

R.T.: 16.027 min
Delta R.T.: 0.004 min
Response: 2184101
Conc: 20.24 ug/ml



#16 n-Octacosane (C28)

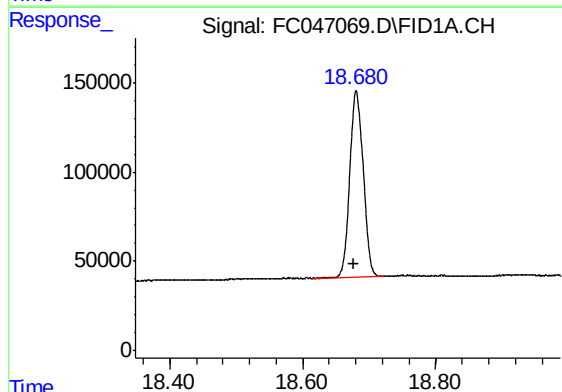
R.T.: 16.972 min
Delta R.T.: 0.006 min
Response: 2131368
Conc: 19.94 ug/ml



#17 n-Tricontane (C30)

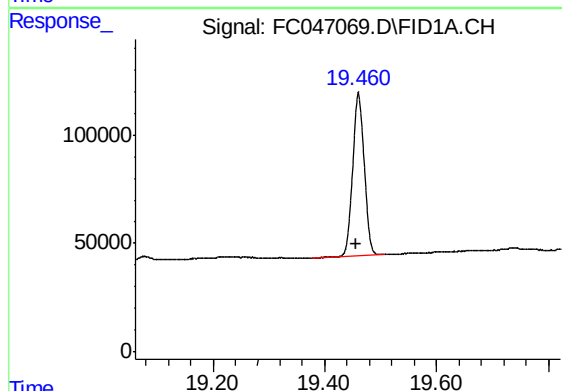
R.T.: 17.855 min
Delta R.T.: 0.005 min
Response: 1962311
Conc: 19.61 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



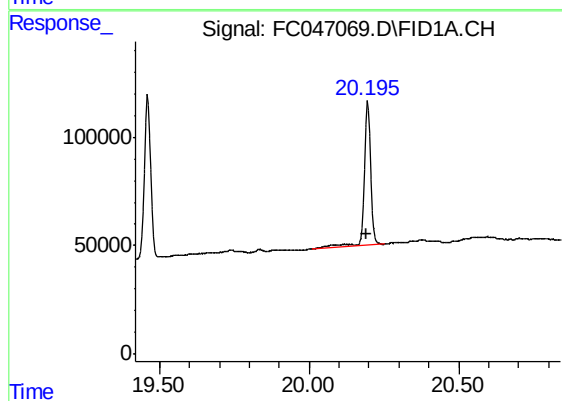
#18 n-Dotriacontane (C32)

R.T.: 18.681 min
Delta R.T.: 0.004 min
Response: 1461391
Conc: 19.18 ug/ml



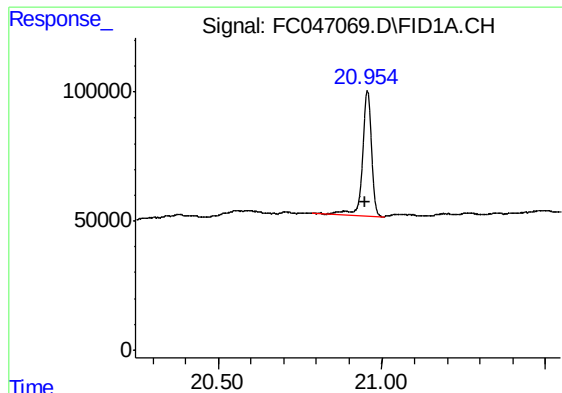
#19 n-Tetratriacontane (C34)

R.T.: 19.460 min
Delta R.T.: 0.004 min
Response: 1068137
Conc: 19.01 ug/ml



#20 n-Hexatriacontane (C36)

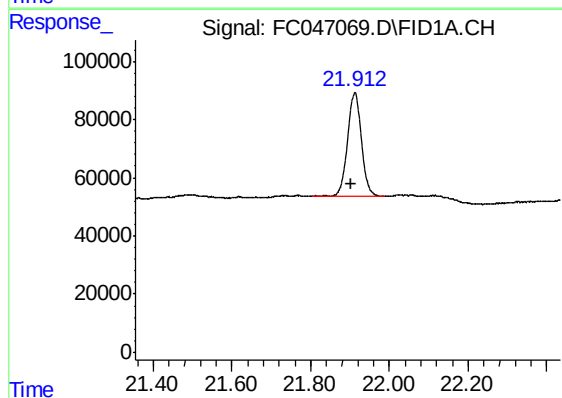
R.T.: 20.196 min
Delta R.T.: 0.004 min
Response: 993822
Conc: 19.86 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.956 min
Delta R.T.: 0.007 min
Response: 920409
Conc: 20.30 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.912 min
Delta R.T.: 0.011 min
Response: 877853
Conc: 18.71 ug/ml