

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061620AL\
 Data File : FC047862.D
 Signal(s) : FID1A.CH
 Acq On : 16 Jun 2020 10:26
 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 17 00:58:44 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic 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)	11.728	2273937	18.956 ug/ml
Spiked Amount 50.000		Recovery =	37.91%
12) S 1-chlorooctadecane (S...	13.141	1837939	18.767 ug/ml
Spiked Amount 50.000		Recovery =	37.53%
Target Compounds			
1) T n-Nonane (C9)	3.540	2075129	20.737 ug/ml
2) T n-Decane (C10)	4.602	2098071	20.881 ug/ml
3) T A-Naphthalene (C11.7)	6.201	2087941	20.694 ug/ml
4) T n-Dodecane (C12)	6.602	2162297	20.656 ug/ml
5) T A~2-methylnaphthalene...	7.248	2108961	20.375 ug/ml
6) T n-Tetradecane (C14)	8.379	2152994	20.514 ug/ml
7) T n-Hexadecane (C16)	9.966	2116482	20.257 ug/ml
8) T n-Octadecane (C18)	11.396	2184386	19.651 ug/ml
10) T n-Eicosane (C20)	12.695	2168217	19.052 ug/ml
11) T n-Heneicosane (C21)	13.302	2148114	18.772 ug/ml
13) T n-Docosane (C22)	13.884	2116811	18.454 ug/ml
14) T n-Tetracosane (C24)	14.981	2048319	17.825 ug/ml
15) T n-Hexacosane (C26)	15.994	1956580	17.129 ug/ml
16) T n-Octacosane (C28)	16.939	1891529	16.642 ug/ml
17) T n-Tricontane (C30)	17.820	1811697	16.531 ug/ml
18) T n-Dotriacontane (C32)	18.646	1673156	16.878 ug/ml
19) T n-Tetratriacontane (C34)	19.427	1571519	17.159 ug/ml
20) T n-Hexatriacontane (C36)	20.161	1538806	17.944 ug/ml
21) T n-Octatriacontane (C38)	20.912	1468734	18.443 ug/ml
22) T n-Tetracontane (C40)	21.852	1548735	19.588 ug/ml

(f)=RT Delta > 1/2 Window

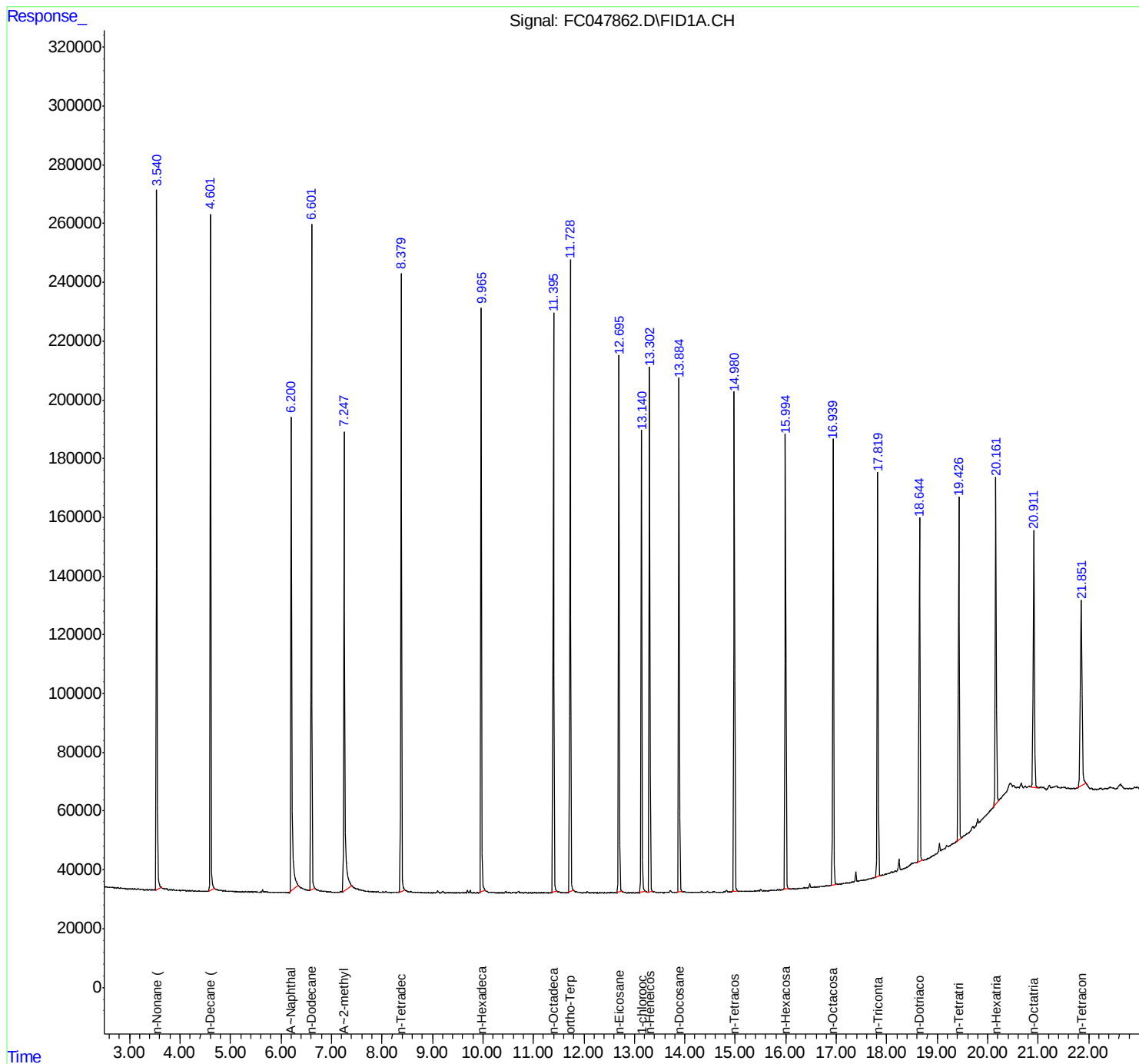
(m)=manual int.

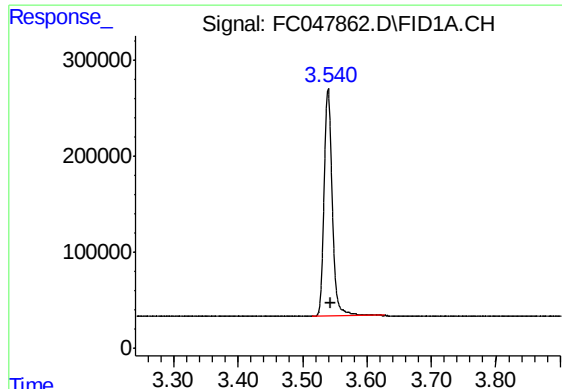
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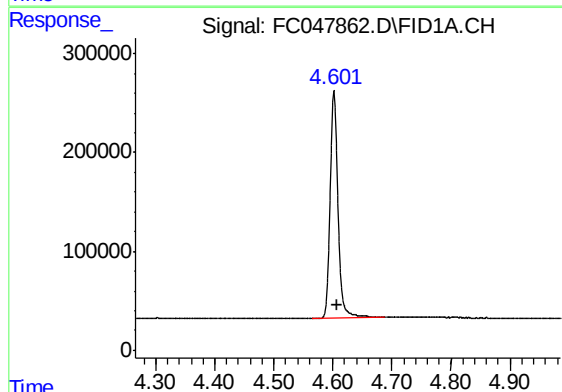




#1 n-Nonane (C9)

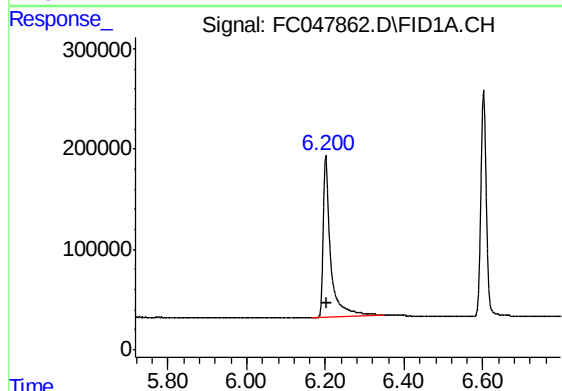
R.T.: 3.540 min
Delta R.T.: -0.004 min
Response: 2075129
Conc: 20.74 ug/ml

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20 PPM ALIPHATIC HC STD



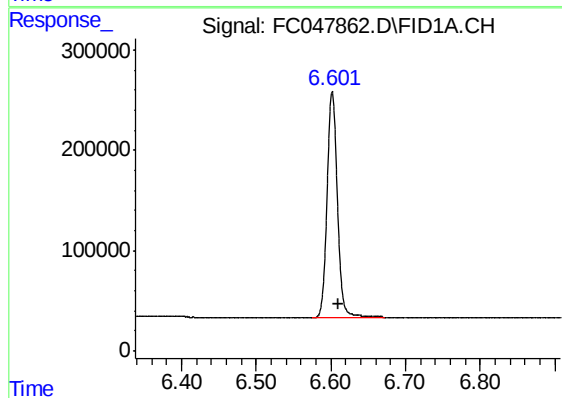
#2 n-Decane (C10)

R.T.: 4.602 min
Delta R.T.: -0.006 min
Response: 2098071
Conc: 20.88 ug/ml



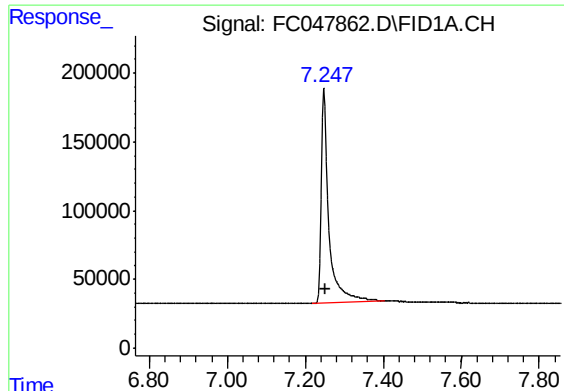
#3 A~Naphthalene (C11.7)

R.T.: 6.201 min
Delta R.T.: -0.003 min
Response: 2087941
Conc: 20.69 ug/ml



#4 n-Dodecane (C12)

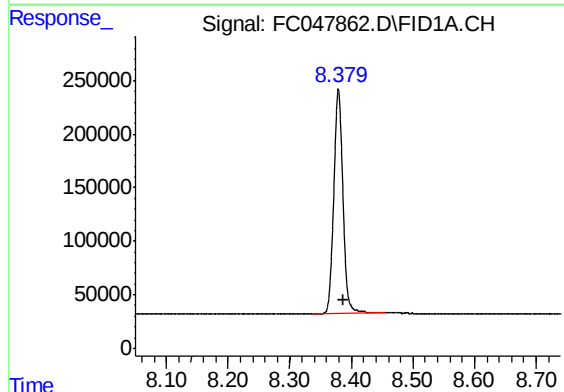
R.T.: 6.602 min
Delta R.T.: -0.008 min
Response: 2162297
Conc: 20.66 ug/ml



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

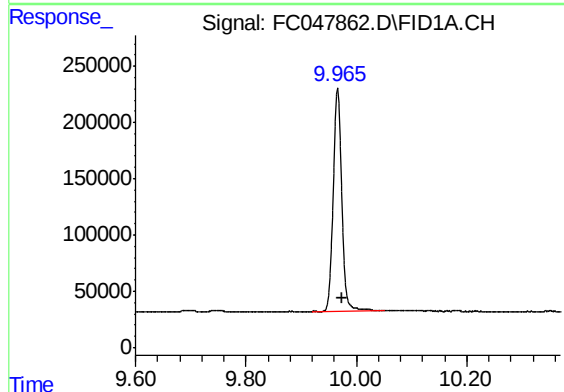
R.T.: 7.248 min
Delta R.T.: -0.005 min
Response: 2108961
Conc: 20.38 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



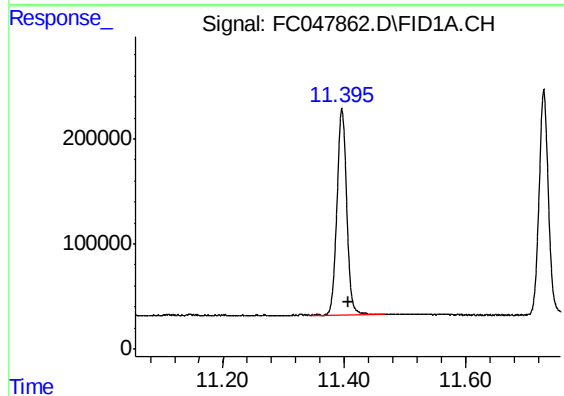
#6 n-Tetradecane (C14)

R.T.: 8.379 min
Delta R.T.: -0.008 min
Response: 2152994
Conc: 20.51 ug/ml



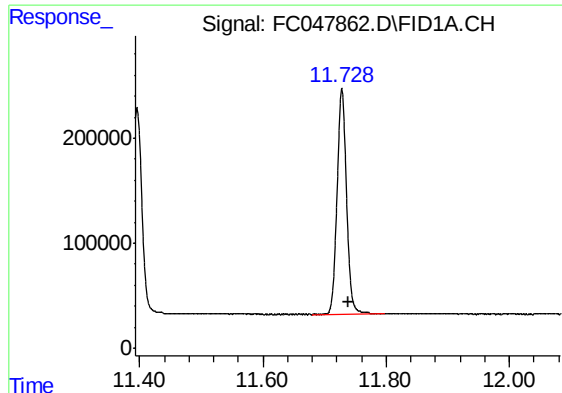
#7 n-Hexadecane (C16)

R.T.: 9.966 min
Delta R.T.: -0.009 min
Response: 2116482
Conc: 20.26 ug/ml



#8 n-Octadecane (C18)

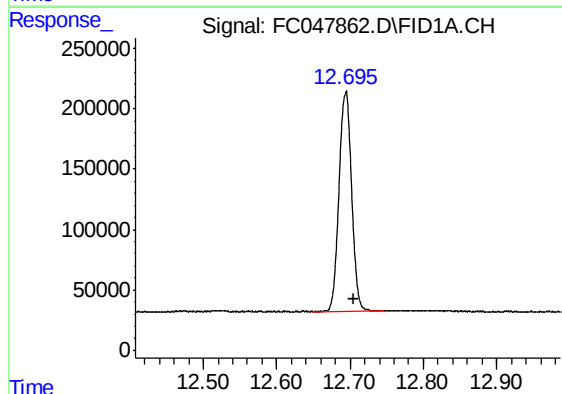
R.T.: 11.396 min
Delta R.T.: -0.010 min
Response: 2184386
Conc: 19.65 ug/ml



#9 ortho-Terphenyl (SURR)

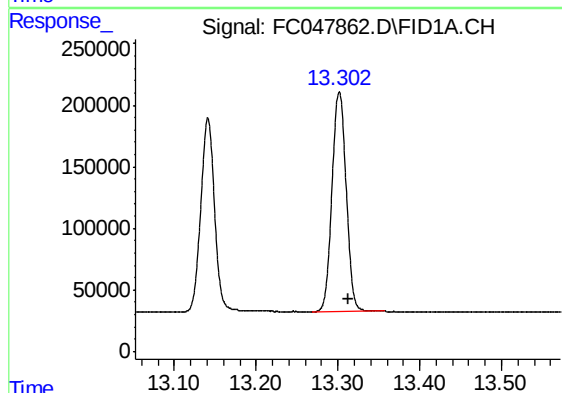
R.T.: 11.728 min
Delta R.T.: -0.011 min
Response: 2273937
Conc: 18.96 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



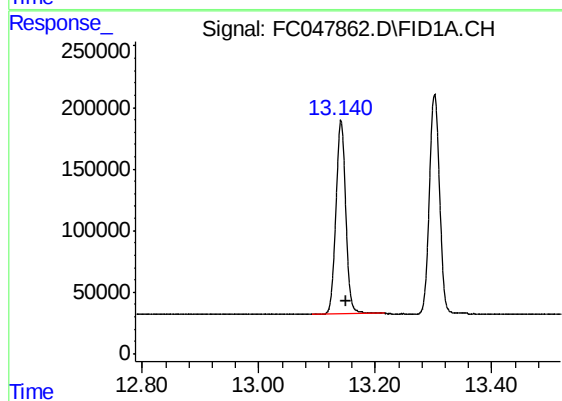
#10 n-Eicosane (C20)

R.T.: 12.695 min
Delta R.T.: -0.010 min
Response: 2168217
Conc: 19.05 ug/ml



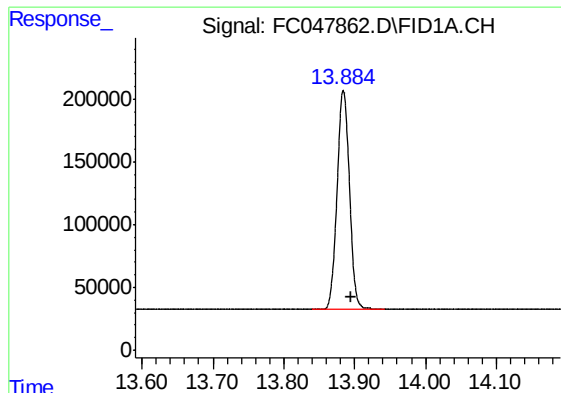
#11 n-Heneicosane (C21)

R.T.: 13.302 min
Delta R.T.: -0.011 min
Response: 2148114
Conc: 18.77 ug/ml



#12 1-chlorooctadecane (SURR)

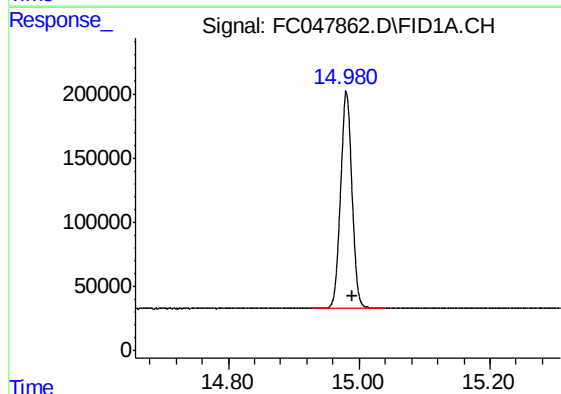
R.T.: 13.141 min
Delta R.T.: -0.009 min
Response: 1837939
Conc: 18.77 ug/ml



#13 n-Docosane (C22)

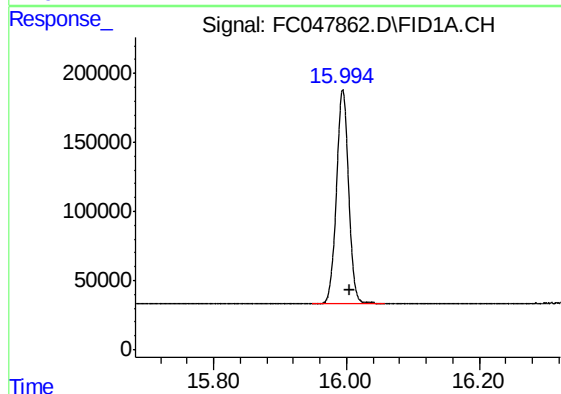
R.T.: 13.884 min
Delta R.T.: -0.011 min
Response: 2116811
Conc: 18.45 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



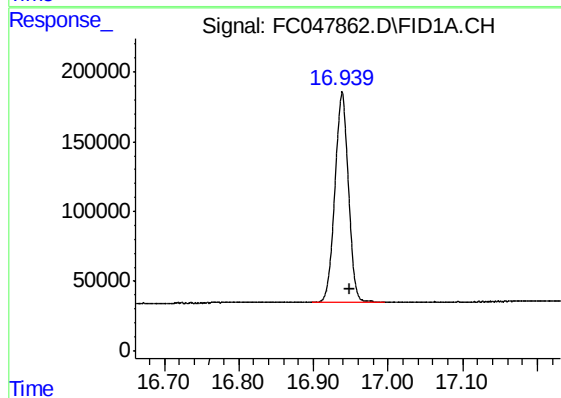
#14 n-Tetracosane (C24)

R.T.: 14.981 min
Delta R.T.: -0.010 min
Response: 2048319
Conc: 17.82 ug/ml



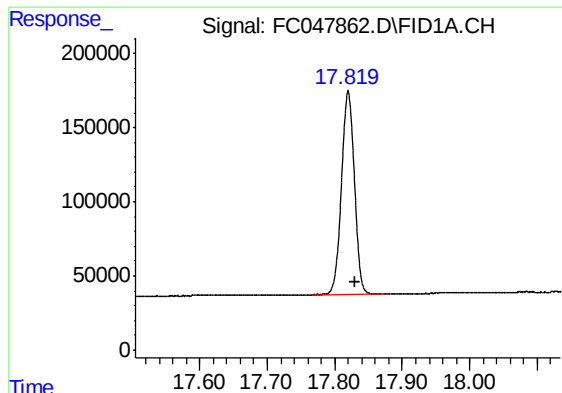
#15 n-Hexacosane (C26)

R.T.: 15.994 min
Delta R.T.: -0.010 min
Response: 1956580
Conc: 17.13 ug/ml



#16 n-Octacosane (C28)

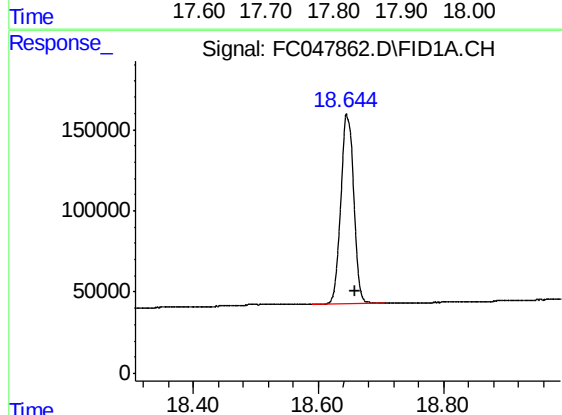
R.T.: 16.939 min
Delta R.T.: -0.010 min
Response: 1891529
Conc: 16.64 ug/ml



#17 n-Tricontane (C30)

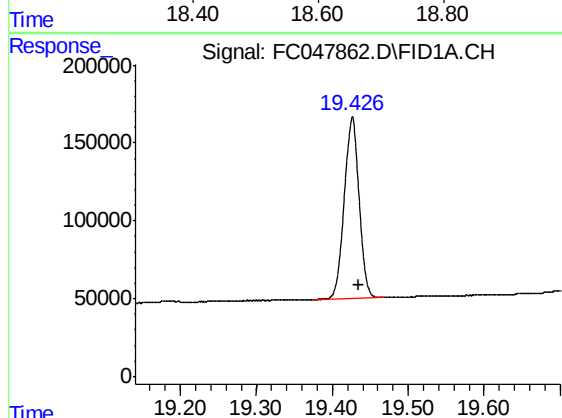
R.T.: 17.820 min
Delta R.T.: -0.011 min
Response: 1811697
Conc: 16.53 ug/ml

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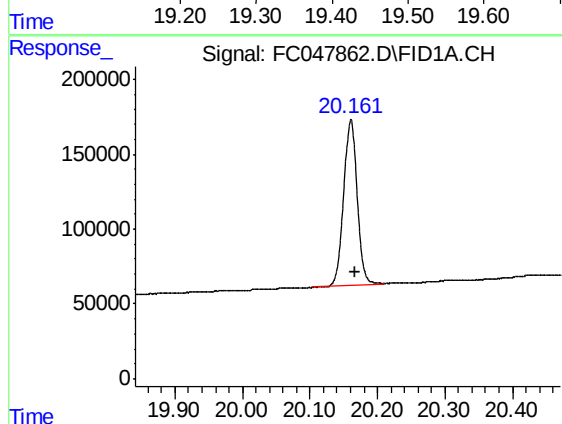
#18 n-Dotriacontane (C32)

R.T.: 18.646 min
Delta R.T.: -0.013 min
Response: 1673156
Conc: 16.88 ug/ml



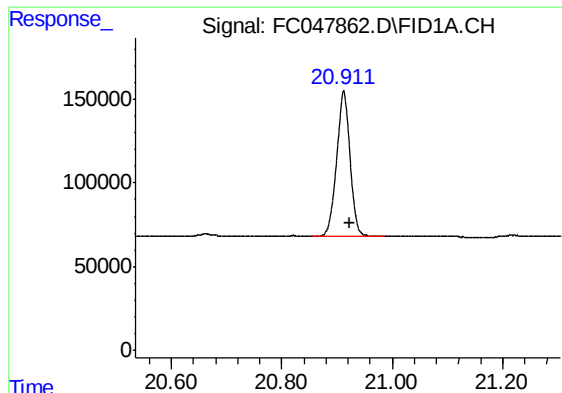
#19 n-Tetratriacontane (C34)

R.T.: 19.427 min
Delta R.T.: -0.009 min
Response: 1571519
Conc: 17.16 ug/ml



#20 n-Hexatriacontane (C36)

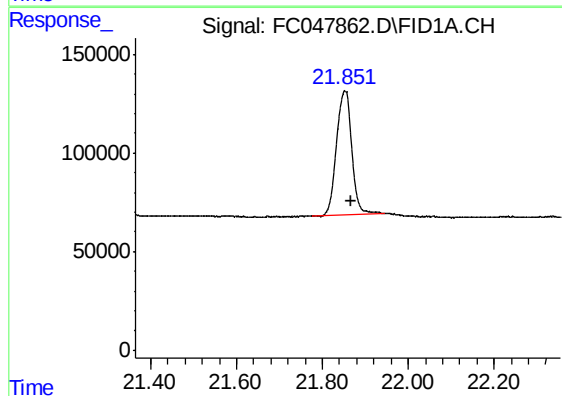
R.T.: 20.161 min
Delta R.T.: -0.006 min
Response: 1538806
Conc: 17.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.912 min
Delta R.T.: -0.011 min
Response: 1468734
Conc: 18.44 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.852 min
Delta R.T.: -0.016 min
Response: 1548735
Conc: 19.59 ug/ml