

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061620AL\
 Data File : FC047882.D
 Signal(s) : FID1A.CH
 Acq On : 17 Jun 2020 1:48
 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 02:14:01 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)	11.727	2268731	18.913 ug/ml
Spiked Amount 50.000		Recovery =	37.83%
12) S 1-chlorooctadecane (S...	13.140	1831057	18.697 ug/ml
Spiked Amount 50.000		Recovery =	37.39%
Target Compounds			
1) T n-Nonane (C9)	3.540	2079273	20.778 ug/ml
2) T n-Decane (C10)	4.602	2100770	20.908 ug/ml
3) T A~Naphthalene (C11.7)	6.201	2071173	20.527 ug/ml
4) T n-Dodecane (C12)	6.602	2174354	20.771 ug/ml
5) T A~2-methylnaphthalene...	7.248	2082014	20.115 ug/ml
6) T n-Tetradecane (C14)	8.378	2164972	20.628 ug/ml
7) T n-Hexadecane (C16)	9.965	2120732	20.298 ug/ml
8) T n-Octadecane (C18)	11.394	2189481	19.697 ug/ml
10) T n-Eicosane (C20)	12.694	2174161	19.105 ug/ml
11) T n-Heneicosane (C21)	13.302	2144712	18.742 ug/ml
13) T n-Docosane (C22)	13.884	2108069	18.378 ug/ml
14) T n-Tetracosane (C24)	14.979	2030547	17.670 ug/ml
15) T n-Hexacosane (C26)	15.993	1941785	17.000 ug/ml
16) T n-Octacosane (C28)	16.937	1888241	16.613 ug/ml
17) T n-Tricontane (C30)	17.820	1826904	16.669 ug/ml
18) T n-Dotriacontane (C32)	18.646	1699283	17.141 ug/ml
19) T n-Tetratriacontane (C34)	19.425	1607125	17.548 ug/ml
20) T n-Hexatriacontane (C36)	20.160	1554498	18.127 ug/ml
21) T n-Octatriacontane (C38)	20.910	1504959	18.898 ug/ml
22) T n-Tetracontane (C40)	21.851	1534241	19.405 ug/ml

(f)=RT Delta > 1/2 Window

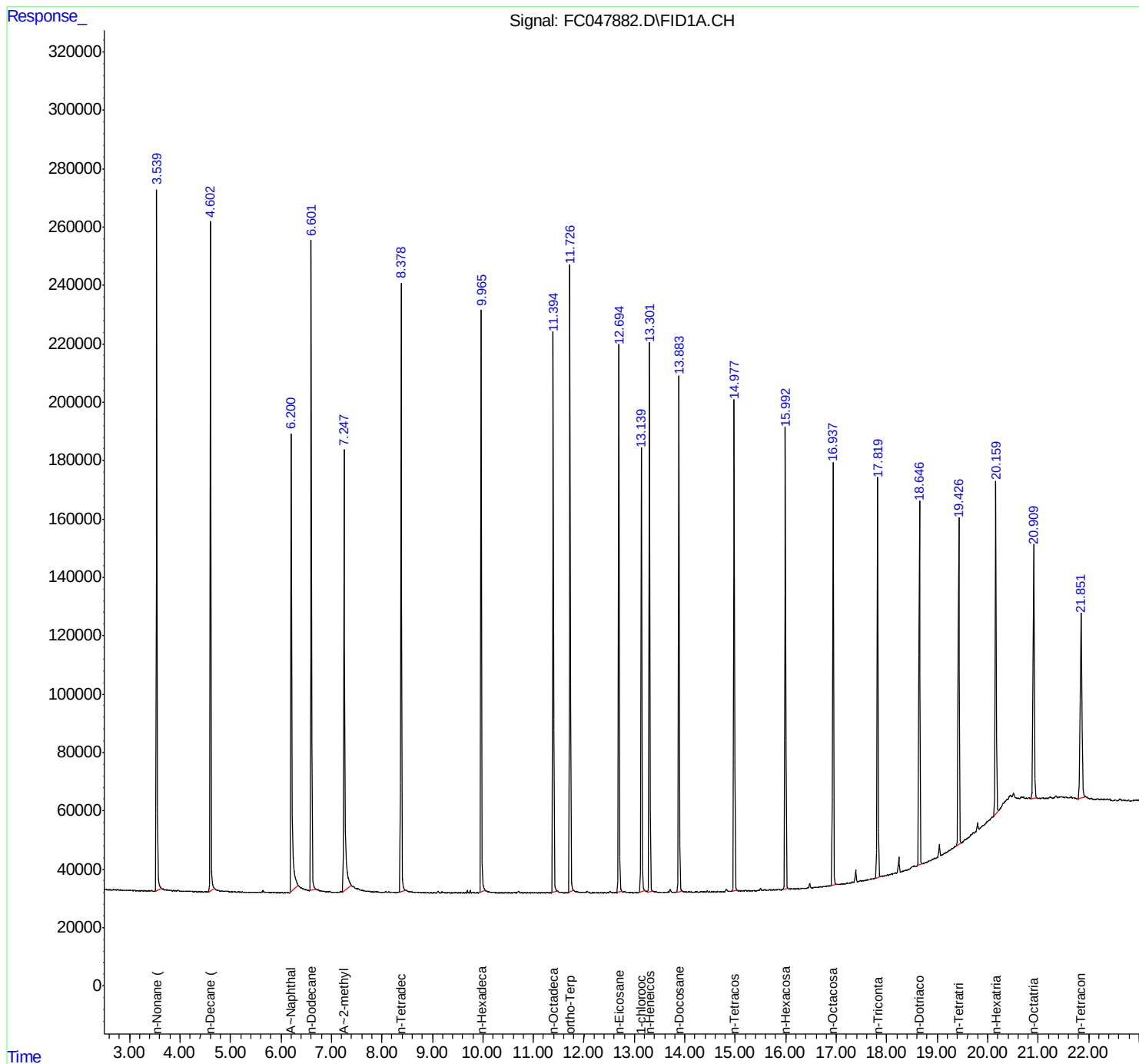
(m)=manual int.

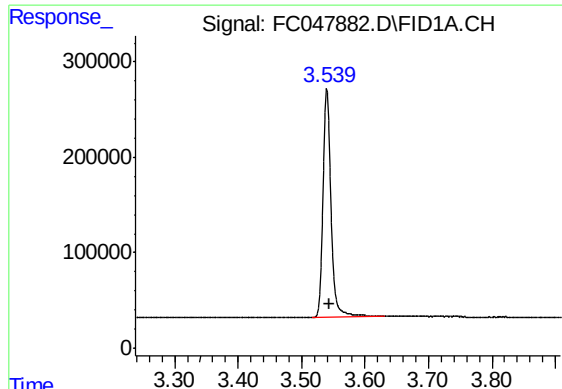
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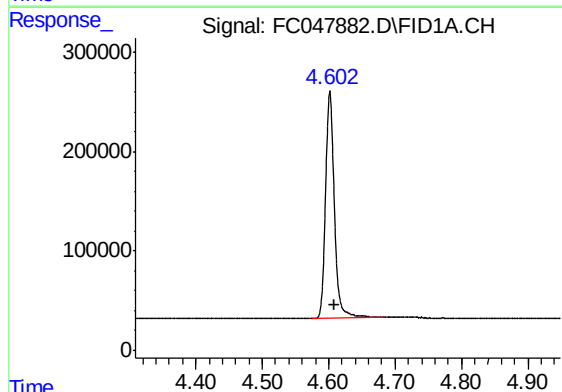




#1 n-Nonane (C9)

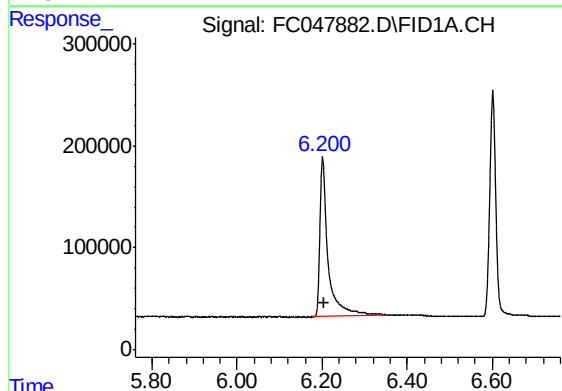
R.T.: 3.540 min
Delta R.T.: -0.004 min
Response: 2079273
Conc: 20.78 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



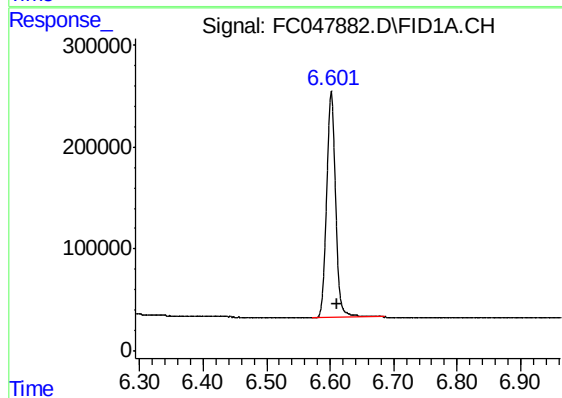
#2 n-Decane (C10)

R.T.: 4.602 min
Delta R.T.: -0.006 min
Response: 2100770
Conc: 20.91 ug/ml



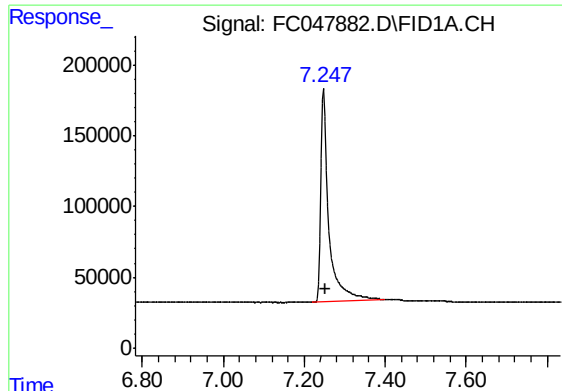
#3 A~Naphthalene (C11.7)

R.T.: 6.201 min
Delta R.T.: -0.003 min
Response: 2071173
Conc: 20.53 ug/ml



#4 n-Dodecane (C12)

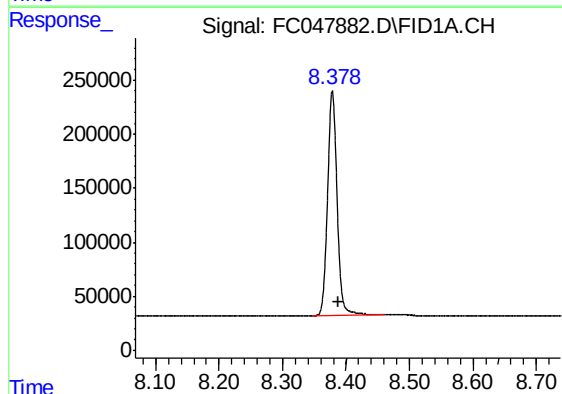
R.T.: 6.602 min
Delta R.T.: -0.008 min
Response: 2174354
Conc: 20.77 ug/ml



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

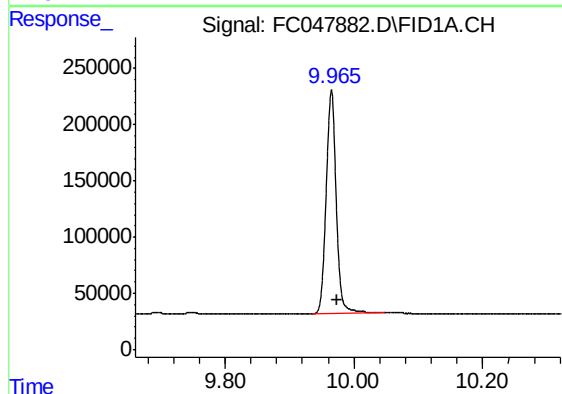
R.T.: 7.248 min
Delta R.T.: -0.005 min
Response: 2082014
Conc: 20.11 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



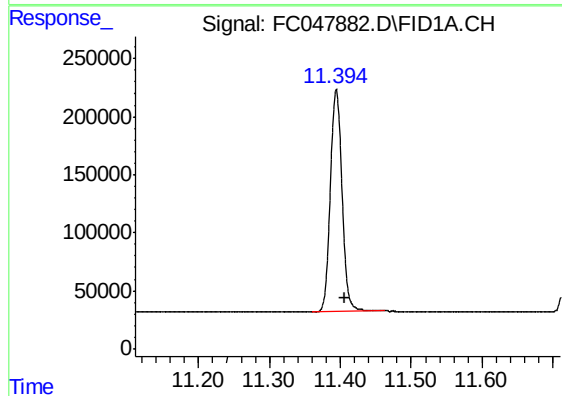
#6 n-Tetradecane (C14)

R.T.: 8.378 min
Delta R.T.: -0.009 min
Response: 2164972
Conc: 20.63 ug/ml



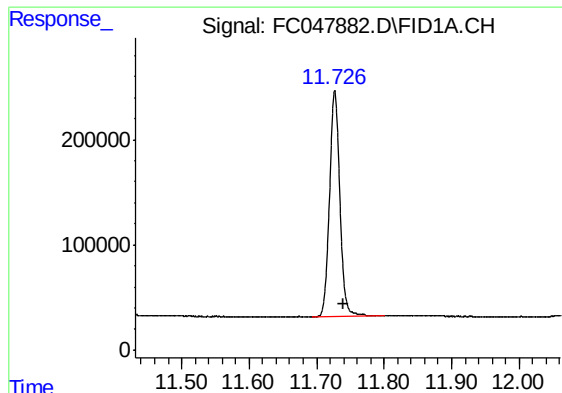
#7 n-Hexadecane (C16)

R.T.: 9.965 min
Delta R.T.: -0.009 min
Response: 2120732
Conc: 20.30 ug/ml



#8 n-Octadecane (C18)

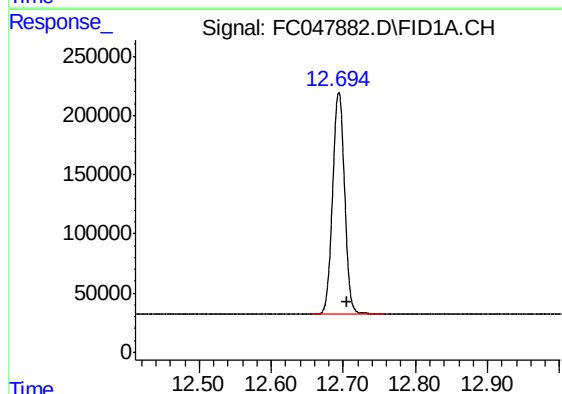
R.T.: 11.394 min
Delta R.T.: -0.012 min
Response: 2189481
Conc: 19.70 ug/ml



#9 ortho-Terphenyl (SURR)

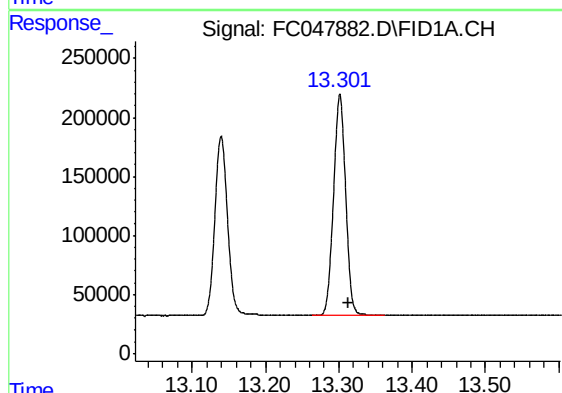
R.T.: 11.727 min
Delta R.T.: -0.012 min
Response: 2268731
Conc: 18.91 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



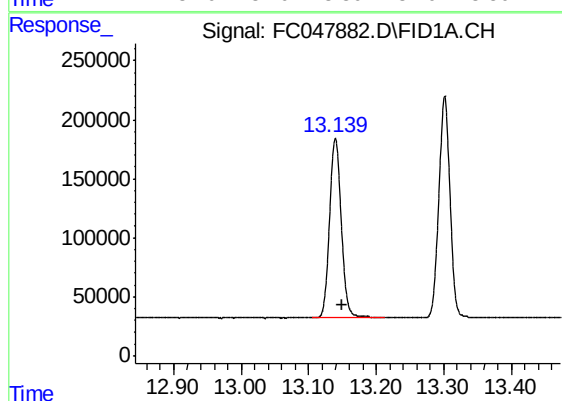
#10 n-Eicosane (C20)

R.T.: 12.694 min
Delta R.T.: -0.011 min
Response: 2174161
Conc: 19.10 ug/ml



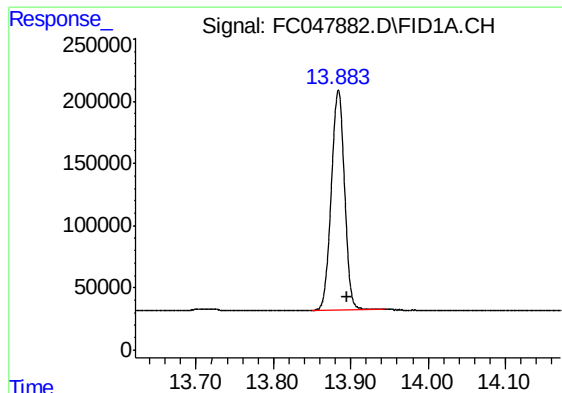
#11 n-Heneicosane (C21)

R.T.: 13.302 min
Delta R.T.: -0.011 min
Response: 2144712
Conc: 18.74 ug/ml



#12 1-chlorooctadecane (SURR)

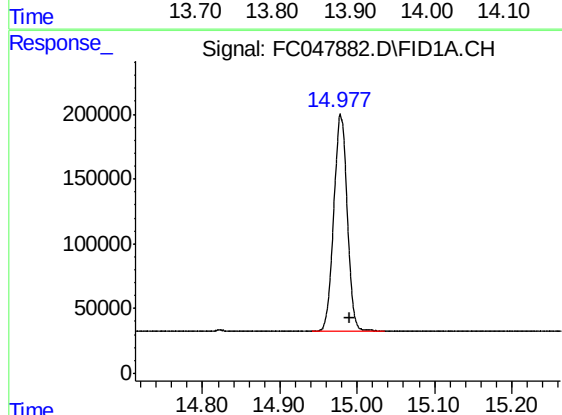
R.T.: 13.140 min
Delta R.T.: -0.010 min
Response: 1831057
Conc: 18.70 ug/ml



#13 n-Docosane (C22)

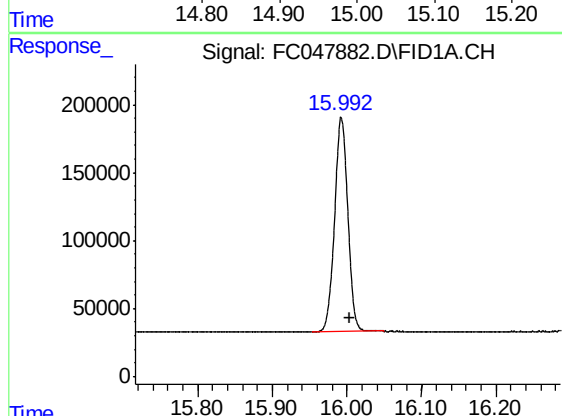
R.T.: 13.884 min
Delta R.T.: -0.011 min
Response: 2108069
Conc: 18.38 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



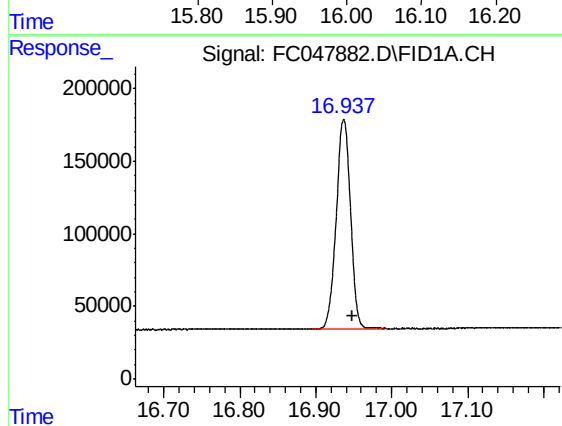
#14 n-Tetracosane (C24)

R.T.: 14.979 min
Delta R.T.: -0.012 min
Response: 2030547
Conc: 17.67 ug/ml



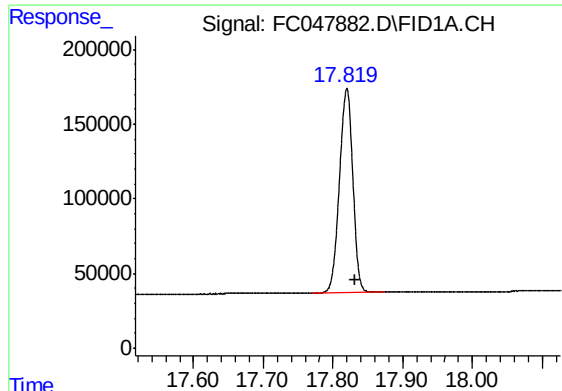
#15 n-Hexacosane (C26)

R.T.: 15.993 min
Delta R.T.: -0.012 min
Response: 1941785
Conc: 17.00 ug/ml



#16 n-Octacosane (C28)

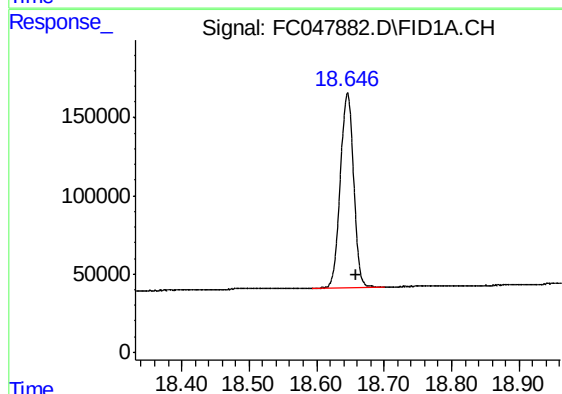
R.T.: 16.937 min
Delta R.T.: -0.011 min
Response: 1888241
Conc: 16.61 ug/ml



#17 n-Tricontane (C30)

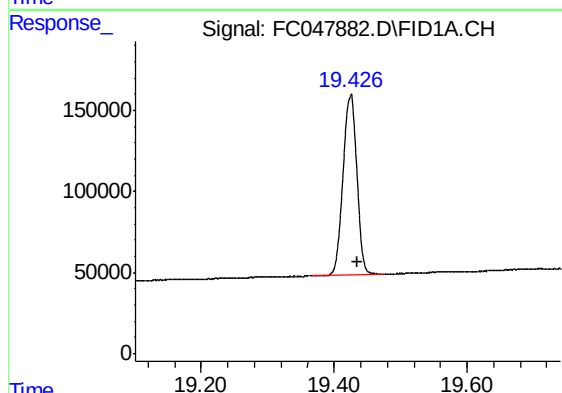
R.T.: 17.820 min
Delta R.T.: -0.011 min
Response: 1826904
Conc: 16.67 ug/ml

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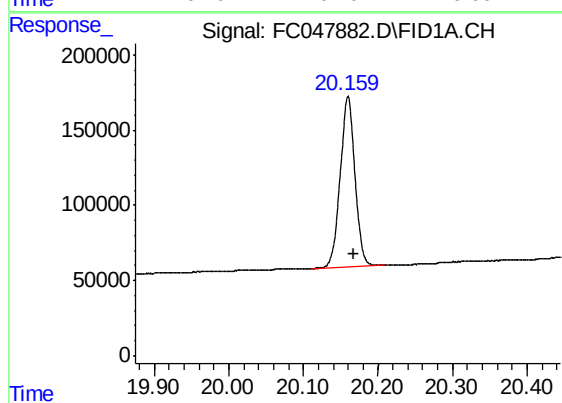
#18 n-Dotriacontane (C32)

R.T.: 18.646 min
Delta R.T.: -0.013 min
Response: 1699283
Conc: 17.14 ug/ml



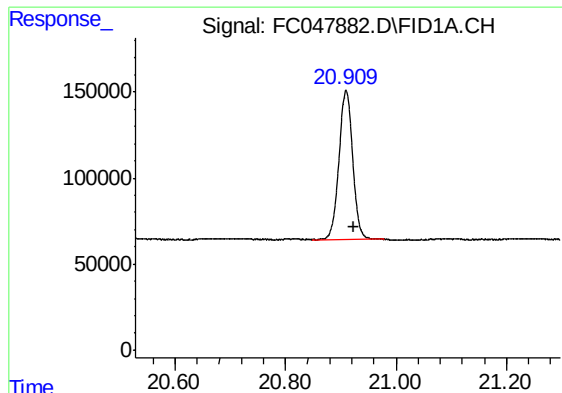
#19 n-Tetratriacontane (C34)

R.T.: 19.425 min
Delta R.T.: -0.010 min
Response: 1607125
Conc: 17.55 ug/ml



#20 n-Hexatriacontane (C36)

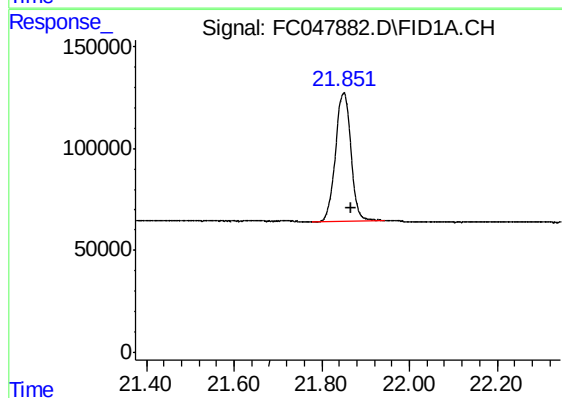
R.T.: 20.160 min
Delta R.T.: -0.007 min
Response: 1554498
Conc: 18.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.910 min
Delta R.T.: -0.013 min
Response: 1504959
Conc: 18.90 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.851 min
Delta R.T.: -0.017 min
Response: 1534241
Conc: 19.40 ug/ml