

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060920AL\
 Data File : FC047789.D
 Signal(s) : FID1A.CH
 Acq On : 09 Jun 2020 21:40
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 10 04:27:13 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 060920.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 10 04:24:57 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)	11.730	2490929	20.765 ug/ml
Spiked Amount 50.000		Recovery =	41.53%
12) S 1-chlorooctadecane (S...	13.143	2045002	20.881 ug/ml
Spiked Amount 50.000		Recovery =	41.76%
Target Compounds			
1) T n-Nonane (C9)	3.542	2103348	21.019 ug/ml
2) T n-Decane (C10)	4.604	2104556	20.946 ug/ml
3) T A-Naphthalene (C11.7)	6.204	2112902	20.941 ug/ml
4) T n-Dodecane (C12)	6.603	2198758	21.004 ug/ml
5) T A~2-methylnaphthalene...	7.250	2101481	20.303 ug/ml
6) T n-Tetradecane (C14)	8.380	2197824	20.941 ug/ml
7) T n-Hexadecane (C16)	9.966	2191563	20.976 ug/ml
8) T n-Octadecane (C18)	11.398	2309101	20.773 ug/ml
10) T n-Eicosane (C20)	12.697	2363670	20.770 ug/ml
11) T n-Heneicosane (C21)	13.305	2369926	20.710 ug/ml
13) T n-Docosane (C22)	13.886	2373104	20.688 ug/ml
14) T n-Tetracosane (C24)	14.982	2374495	20.663 ug/ml
15) T n-Hexacosane (C26)	15.996	2357868	20.643 ug/ml
16) T n-Octacosane (C28)	16.941	2335050	20.545 ug/ml
17) T n-Tricontane (C30)	17.821	2248179	20.513 ug/ml
18) T n-Dotriacontane (C32)	18.649	2030991	20.487 ug/ml
19) T n-Tetratriacontane (C34)	19.427	1878565	20.512 ug/ml
20) T n-Hexatriacontane (C36)	20.162	1783840	20.801 ug/ml
21) T n-Octatriacontane (C38)	20.913	1640201	20.596 ug/ml
22) T n-Tetracontane (C40)	21.857	1664168	21.048 ug/ml

(f)=RT Delta > 1/2 Window

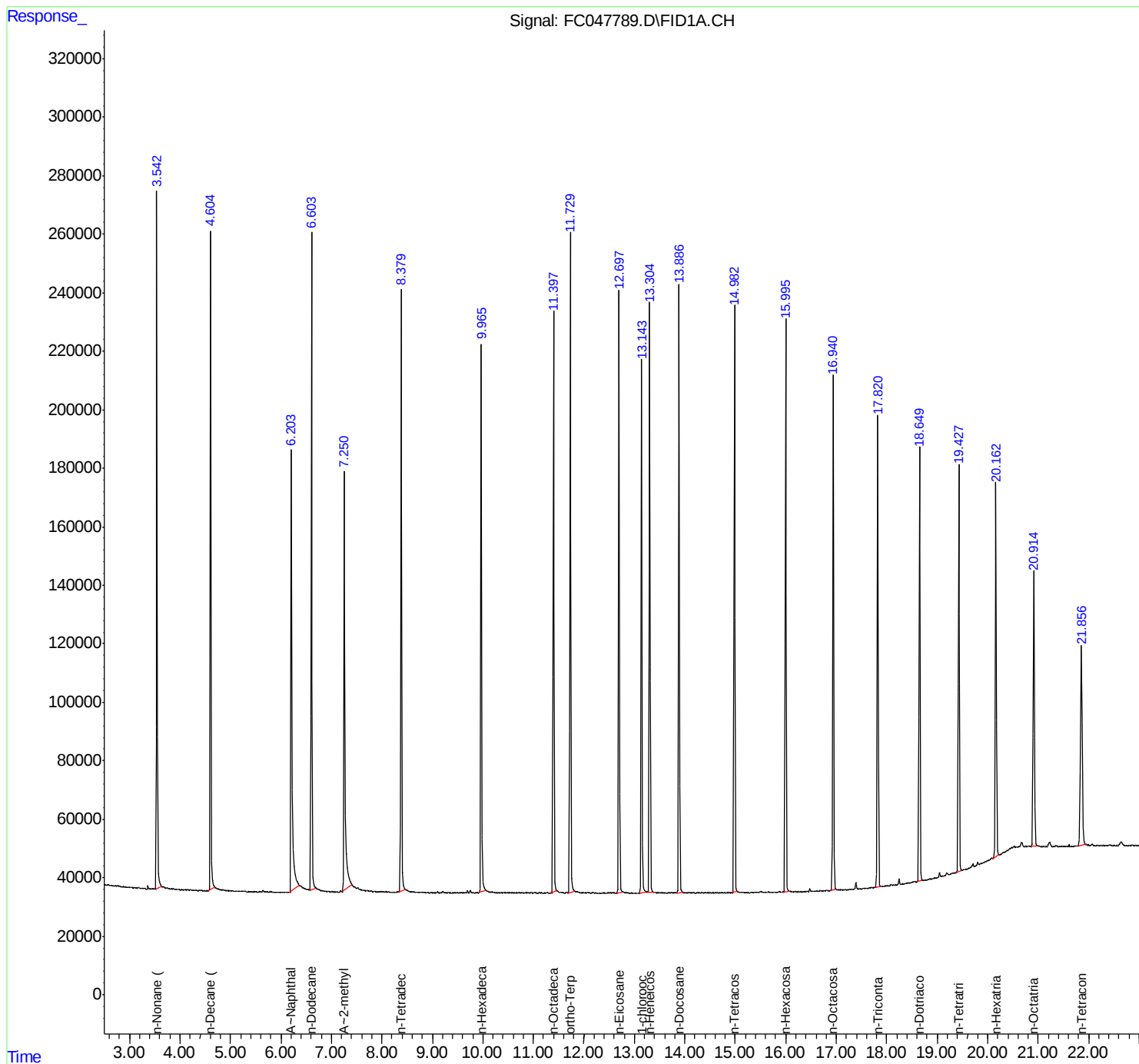
(m)=manual int.

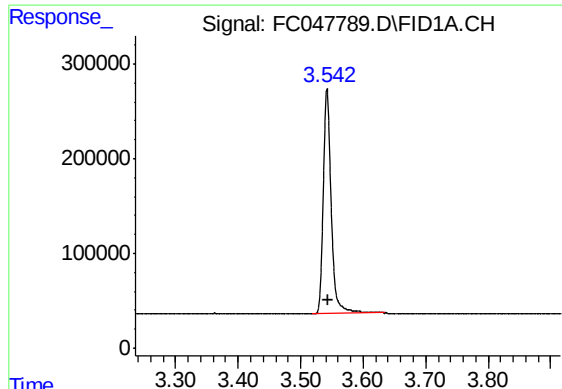
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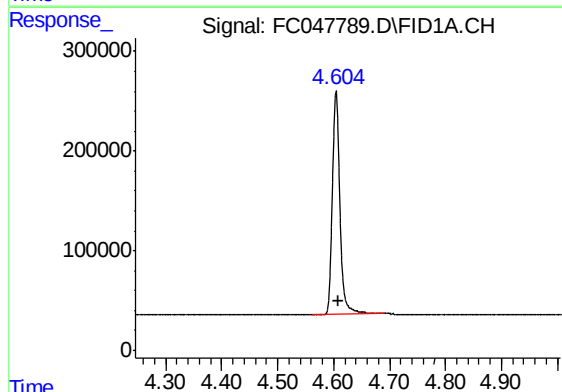




#1 n-Nonane (C9)

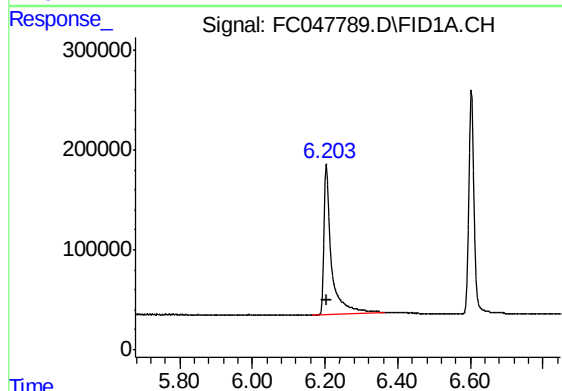
R.T.: 3.542 min
Delta R.T.: -0.002 min
Response: 2103348
Conc: 21.02 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



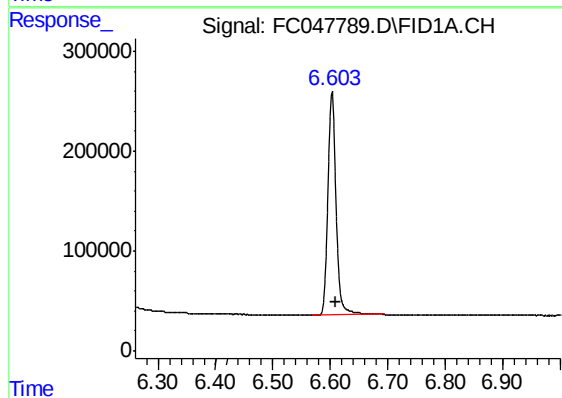
#2 n-Decane (C10)

R.T.: 4.604 min
Delta R.T.: -0.004 min
Response: 2104556
Conc: 20.95 ug/ml



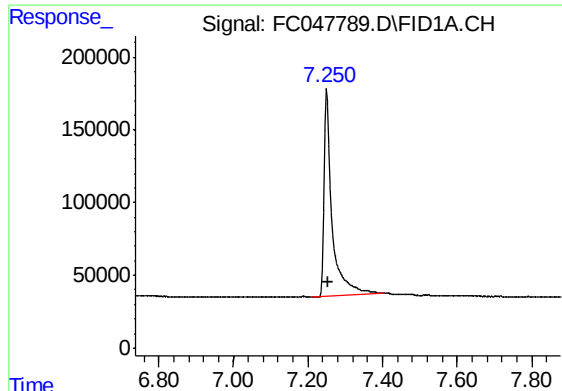
#3 A~Naphthalene (C11.7)

R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 2112902
Conc: 20.94 ug/ml



#4 n-Dodecane (C12)

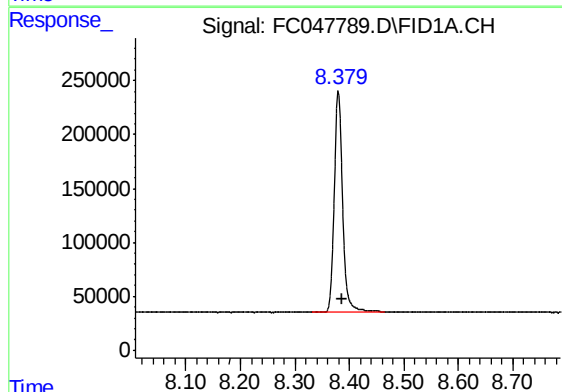
R.T.: 6.603 min
Delta R.T.: -0.007 min
Response: 2198758
Conc: 21.00 ug/ml



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

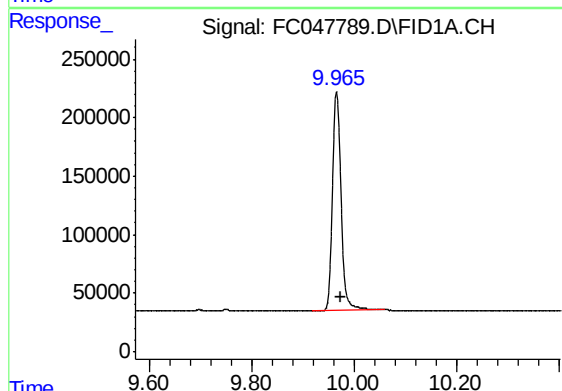
R.T.: 7.250 min
Delta R.T.: -0.002 min
Response: 2101481
Conc: 20.30 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



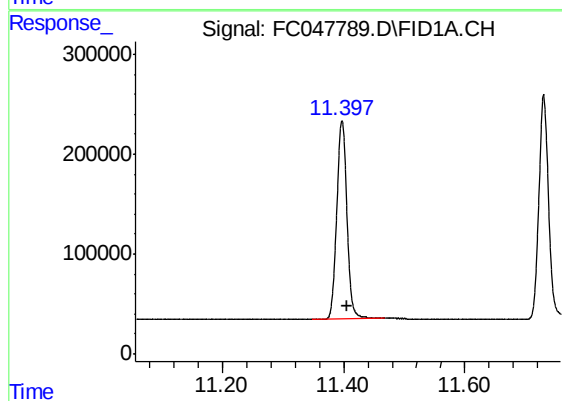
#6 n-Tetradecane (C14)

R.T.: 8.380 min
Delta R.T.: -0.008 min
Response: 2197824
Conc: 20.94 ug/ml



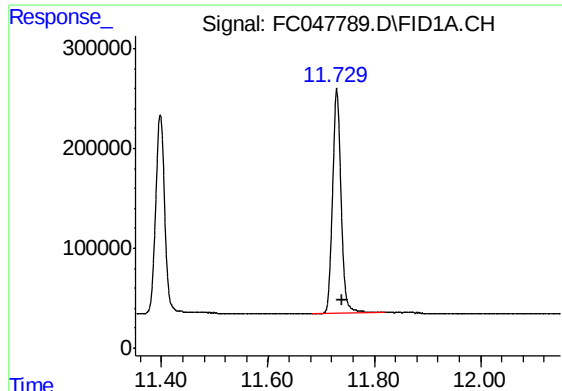
#7 n-Hexadecane (C16)

R.T.: 9.966 min
Delta R.T.: -0.009 min
Response: 2191563
Conc: 20.98 ug/ml



#8 n-Octadecane (C18)

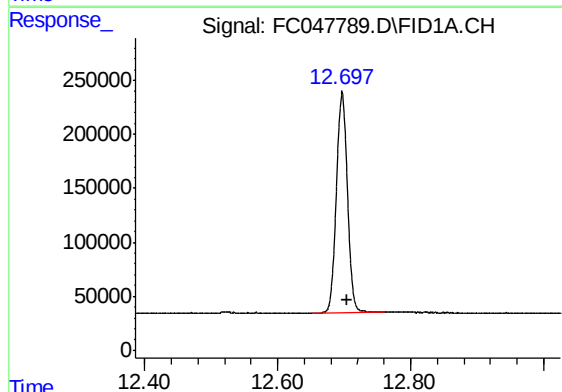
R.T.: 11.398 min
Delta R.T.: -0.008 min
Response: 2309101
Conc: 20.77 ug/ml



#9 ortho-Terphenyl (SURR)

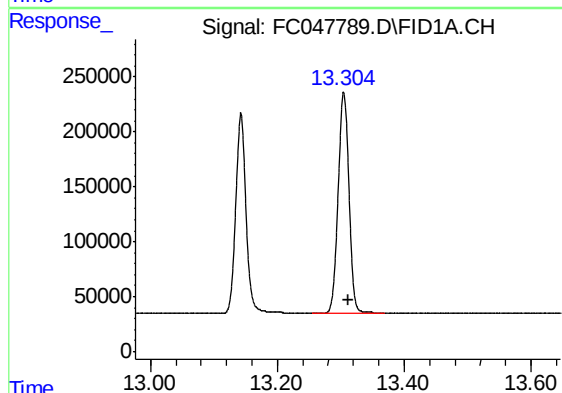
R.T.: 11.730 min
Delta R.T.: -0.009 min
Response: 2490929
Conc: 20.77 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



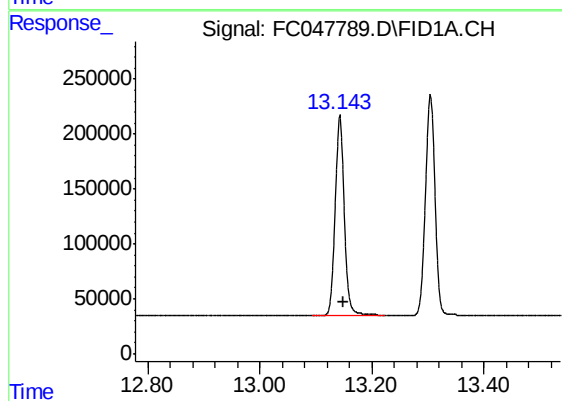
#10 n-Eicosane (C20)

R.T.: 12.697 min
Delta R.T.: -0.008 min
Response: 2363670
Conc: 20.77 ug/ml



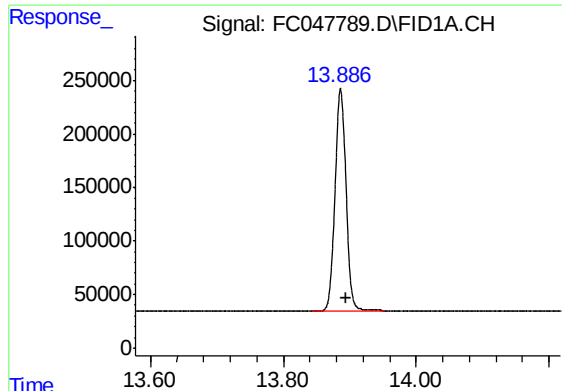
#11 n-Heneicosane (C21)

R.T.: 13.305 min
Delta R.T.: -0.008 min
Response: 2369926
Conc: 20.71 ug/ml



#12 1-chlorooctadecane (SURR)

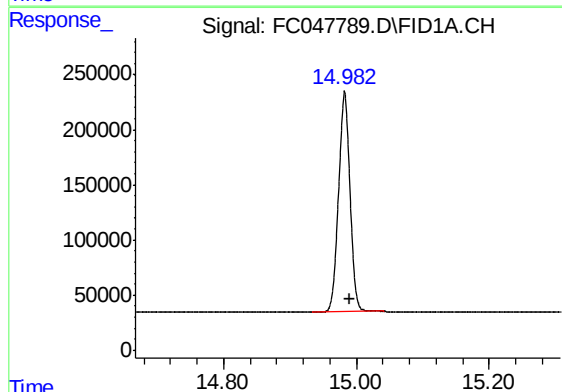
R.T.: 13.143 min
Delta R.T.: -0.007 min
Response: 2045002
Conc: 20.88 ug/ml



#13 n-Docosane (C22)

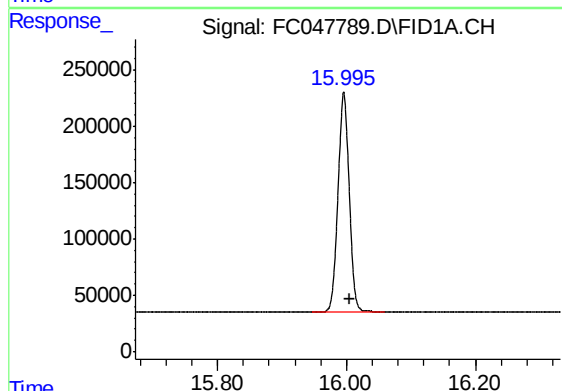
R.T.: 13.886 min
Delta R.T.: -0.009 min
Response: 2373104
Conc: 20.69 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



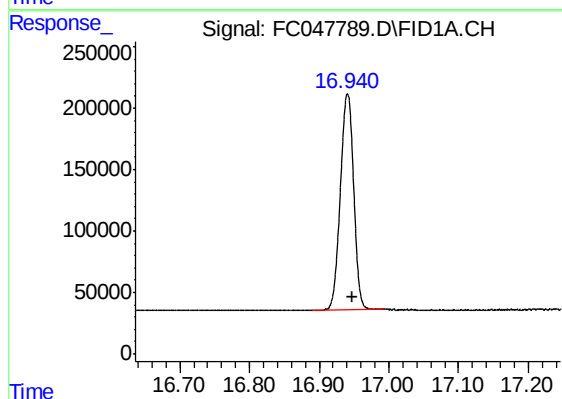
#14 n-Tetracosane (C24)

R.T.: 14.982 min
Delta R.T.: -0.008 min
Response: 2374495
Conc: 20.66 ug/ml



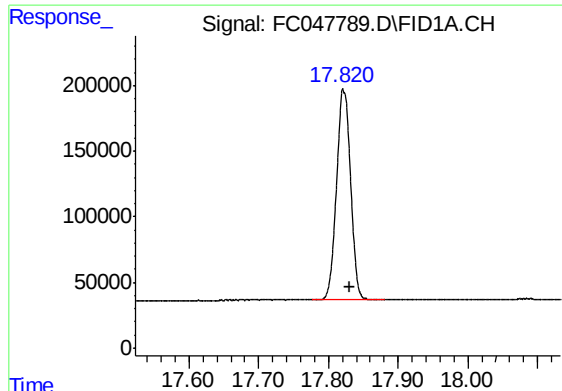
#15 n-Hexacosane (C26)

R.T.: 15.996 min
Delta R.T.: -0.008 min
Response: 2357868
Conc: 20.64 ug/ml



#16 n-Octacosane (C28)

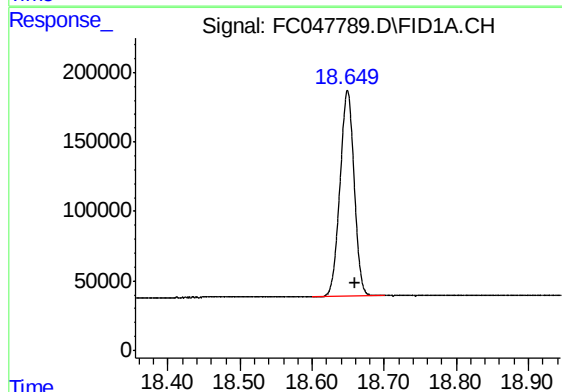
R.T.: 16.941 min
Delta R.T.: -0.008 min
Response: 2335050
Conc: 20.54 ug/ml



#17 n-Tricontane (C30)

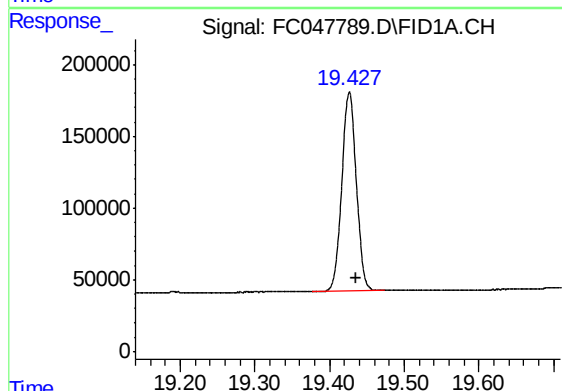
R.T.: 17.821 min
Delta R.T.: -0.010 min
Response: 2248179
Conc: 20.51 ug/ml

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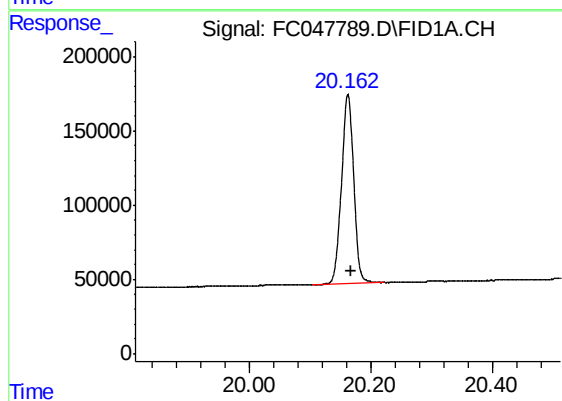
#18 n-Dotriacontane (C32)

R.T.: 18.649 min
Delta R.T.: -0.009 min
Response: 2030991
Conc: 20.49 ug/ml



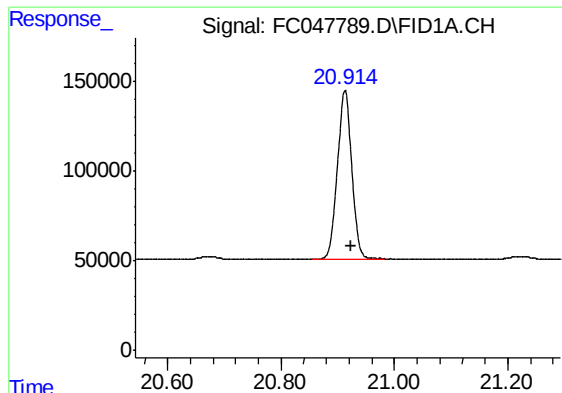
#19 n-Tetatriacontane (C34)

R.T.: 19.427 min
Delta R.T.: -0.009 min
Response: 1878565
Conc: 20.51 ug/ml



#20 n-Hexatriacontane (C36)

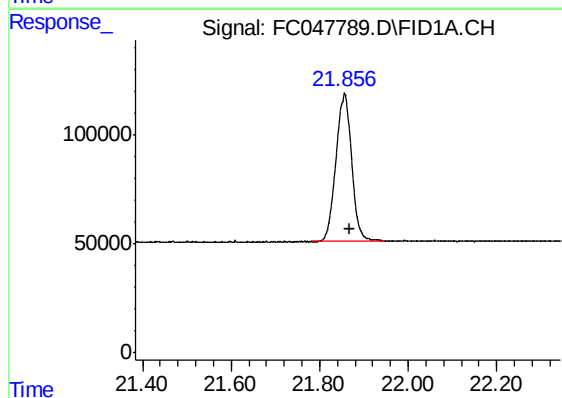
R.T.: 20.162 min
Delta R.T.: -0.005 min
Response: 1783840
Conc: 20.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.913 min
Delta R.T.: -0.010 min
Response: 1640201
Conc: 20.60 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.857 min
Delta R.T.: -0.011 min
Response: 1664168
Conc: 21.05 ug/ml