

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022520AL\
 Data File : FC045952.D
 Signal(s) : FID1A.CH
 Acq On : 25 Feb 2020 9:36
 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: sample.E
 Quant Time: Feb 26 00:54:42 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 022120.M
 Quant Title : GC Extractables
 QLast Update : Sat Feb 22 03:16:45 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)	11.762	2337138	20.487 ug/ml
Spiked Amount 50.000		Recovery =	40.97%
12) S 1-chlorooctadecane (S...	13.181	1824644	20.339 ug/ml
Spiked Amount 50.000		Recovery =	40.68%
Target Compounds			
1) T n-Nonane (C9)	3.532	2068593	20.521 ug/ml
2) T n-Decane (C10)	4.602	2091832	20.740 ug/ml
3) T A~Naphthalene (C11.7)	6.202	2300230	20.716 ug/ml
4) T n-Dodecane (C12)	6.614	2129883	20.877 ug/ml
5) T A~2-methylnaphthalene...	7.254	2334873	20.990 ug/ml
6) T n-Tetradecane (C14)	8.401	2133851	20.845 ug/ml
7) T n-Hexadecane (C16)	9.994	2148046	20.747 ug/ml
8) T n-Octadecane (C18)	11.430	2164118	20.587 ug/ml
10) T n-Eicosane (C20)	12.735	2162557	20.457 ug/ml
11) T n-Heneicosane (C21)	13.345	2170055	20.346 ug/ml
13) T n-Docosane (C22)	13.928	2153032	20.262 ug/ml
14) T n-Tetracosane (C24)	15.025	2146560	20.056 ug/ml
15) T n-Hexacosane (C26)	16.042	2101079	19.768 ug/ml
16) T n-Octacosane (C28)	16.988	2038684	19.472 ug/ml
17) T n-Tricontane (C30)	17.871	1938096	19.232 ug/ml
18) T n-Dotriacontane (C32)	18.700	1626106	19.000 ug/ml
19) T n-Tetratriacontane (C34)	19.481	1364158	18.796 ug/ml
20) T n-Hexatriacontane (C36)	20.216	1262698	18.671 ug/ml
21) T n-Octatriacontane (C38)	20.981	1127105	18.648 ug/ml
22) T n-Tetracontane (C40)	21.945	1247396	19.841 ug/ml

(f)=RT Delta > 1/2 Window

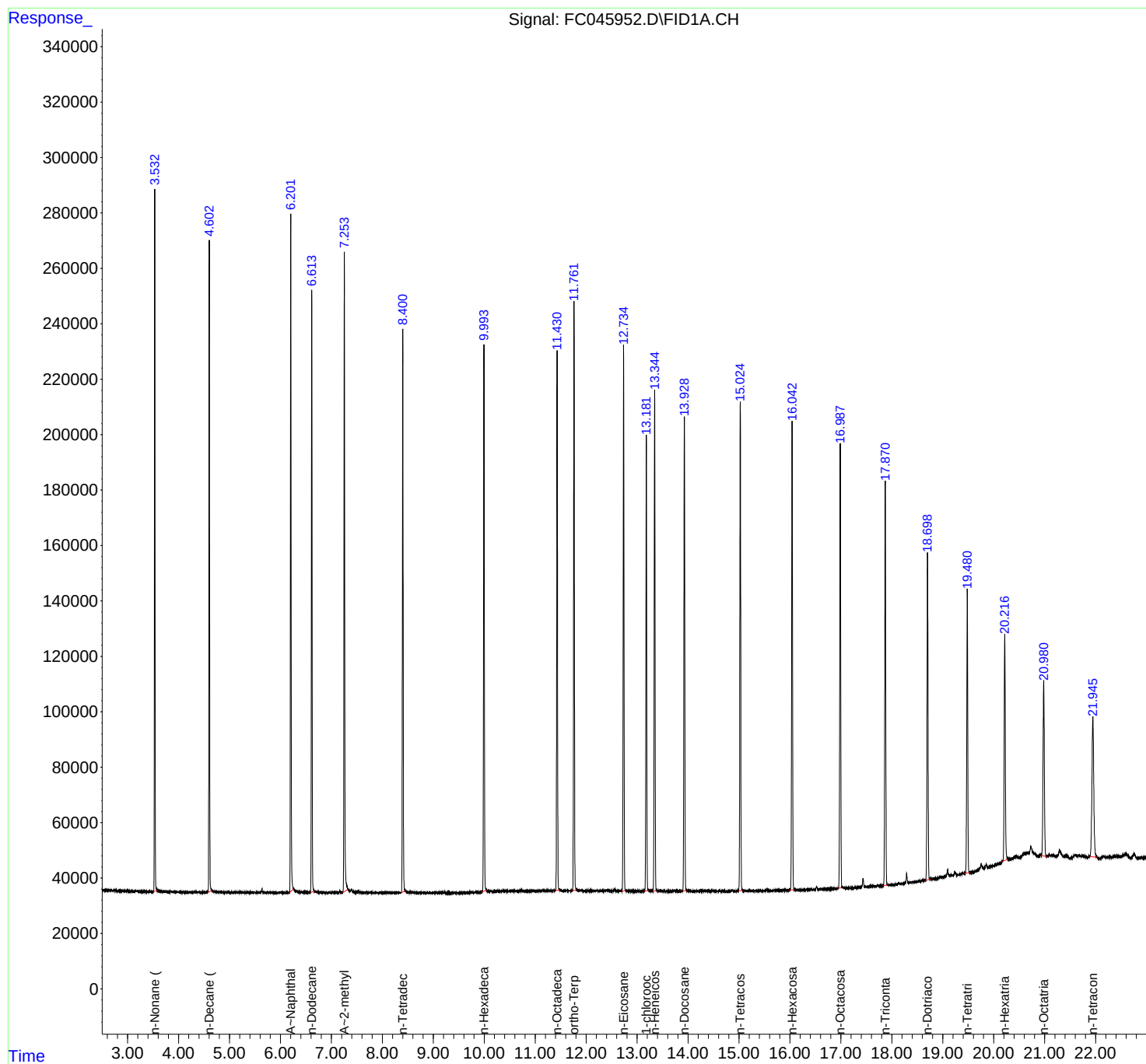
(m)=manual int.

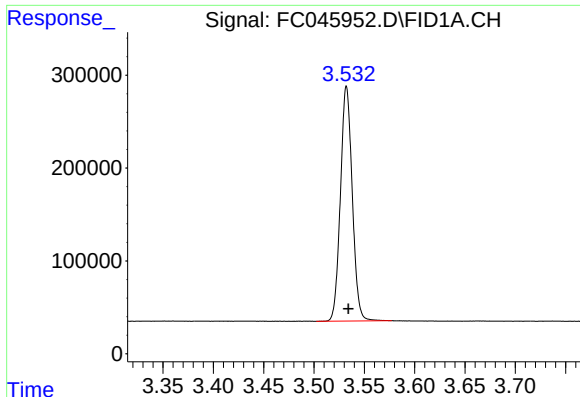
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022520AL\
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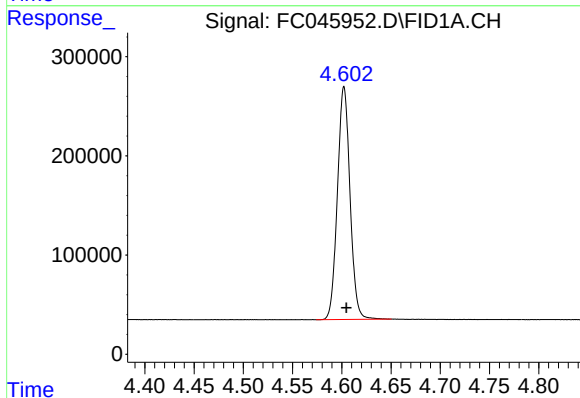




#1 n-Nonane (C9)

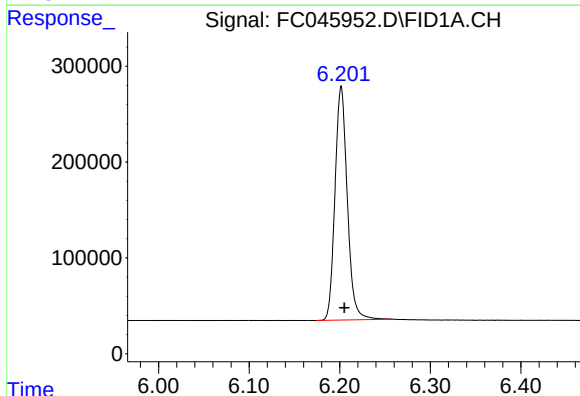
R.T.: 3.532 min
Delta R.T.: -0.002 min
Response: 2068593
Conc: 20.52 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



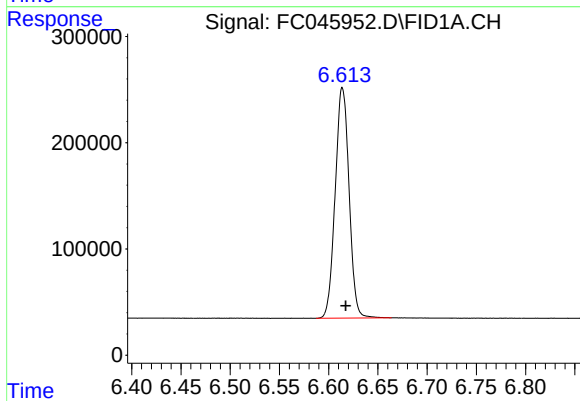
#2 n-Decane (C10)

R.T.: 4.602 min
Delta R.T.: -0.002 min
Response: 2091832
Conc: 20.74 ug/ml



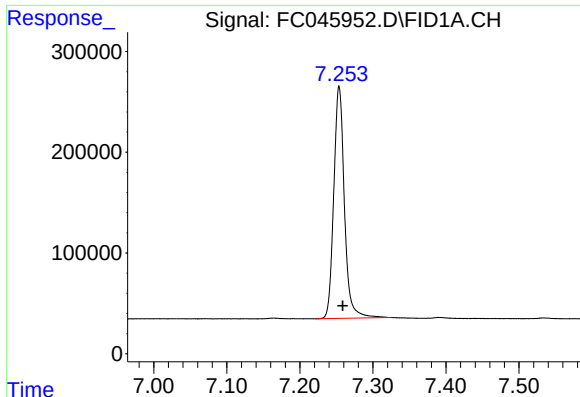
#3 A~Naphthalene (C11.7)

R.T.: 6.202 min
Delta R.T.: -0.003 min
Response: 2300230
Conc: 20.72 ug/ml



#4 n-Dodecane (C12)

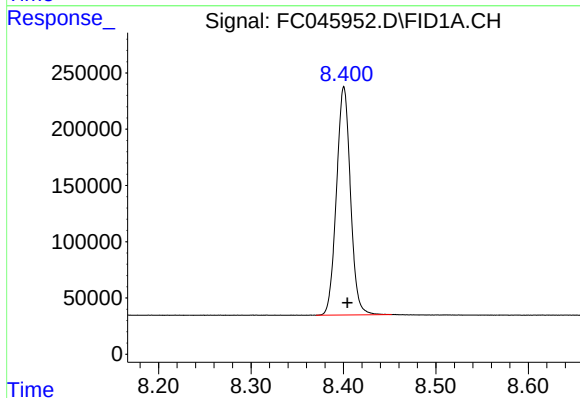
R.T.: 6.614 min
Delta R.T.: -0.003 min
Response: 2129883
Conc: 20.88 ug/ml



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

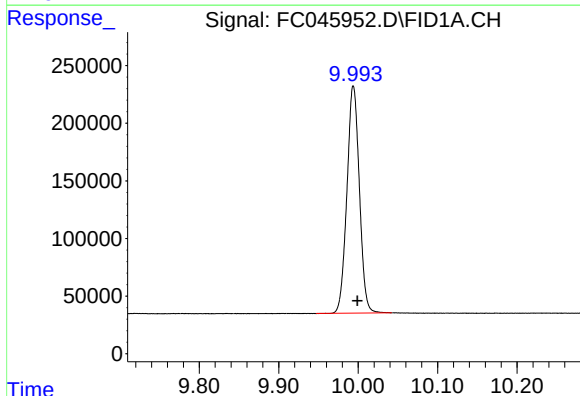
R.T.: 7.254 min
Delta R.T.: -0.005 min
Response: 2334873
Conc: 20.99 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



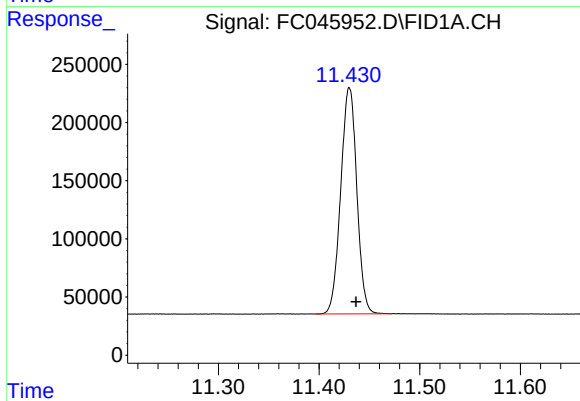
#6 n-Tetradecane (C14)

R.T.: 8.401 min
Delta R.T.: -0.004 min
Response: 2133851
Conc: 20.84 ug/ml



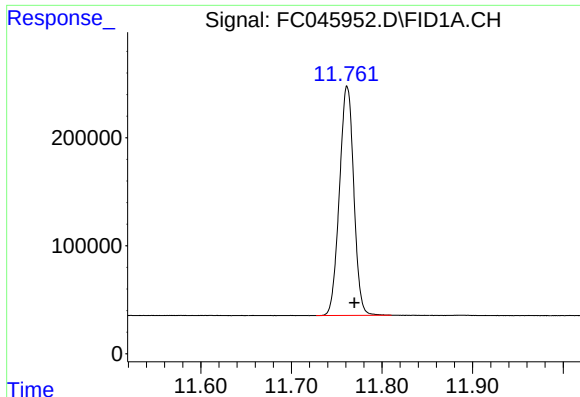
#7 n-Hexadecane (C16)

R.T.: 9.994 min
Delta R.T.: -0.005 min
Response: 2148046
Conc: 20.75 ug/ml



#8 n-Octadecane (C18)

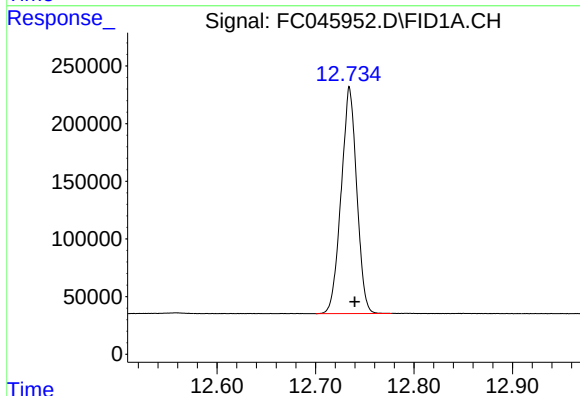
R.T.: 11.430 min
Delta R.T.: -0.007 min
Response: 2164118
Conc: 20.59 ug/ml



#9 ortho-Terphenyl (SURR)

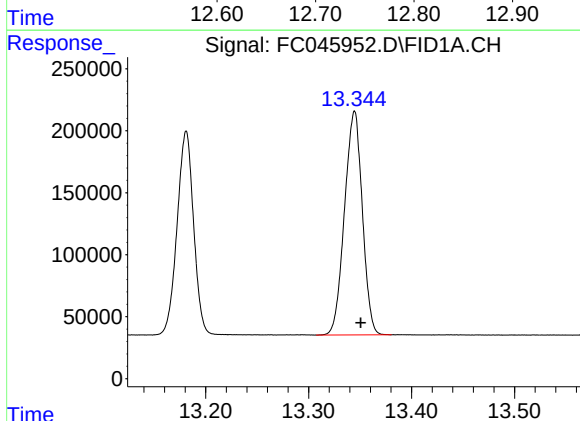
R.T.: 11.762 min
Delta R.T.: -0.008 min
Response: 2337138
Conc: 20.49 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



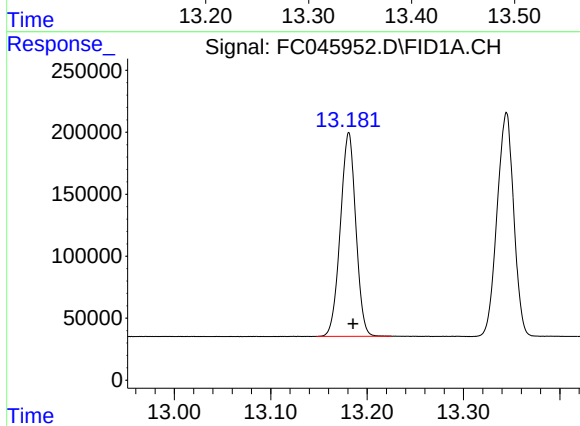
#10 n-Eicosane (C20)

R.T.: 12.735 min
Delta R.T.: -0.005 min
Response: 2162557
Conc: 20.46 ug/ml



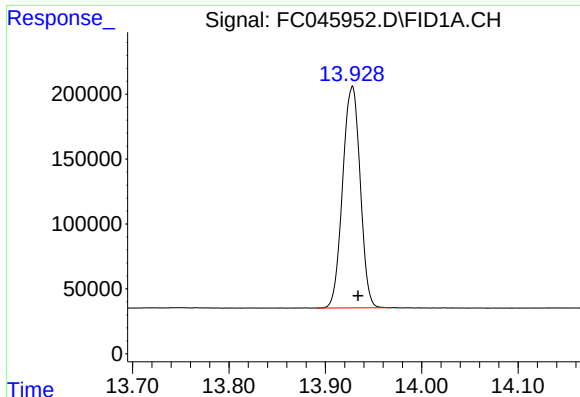
#11 n-Heneicosane (C21)

R.T.: 13.345 min
Delta R.T.: -0.006 min
Response: 2170055
Conc: 20.35 ug/ml



#12 1-chlorooctadecane (SURR)

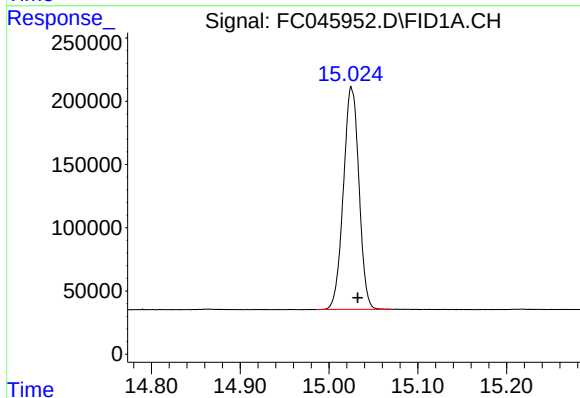
R.T.: 13.181 min
Delta R.T.: -0.004 min
Response: 1824644
Conc: 20.34 ug/ml



#13 n-Docosane (C22)

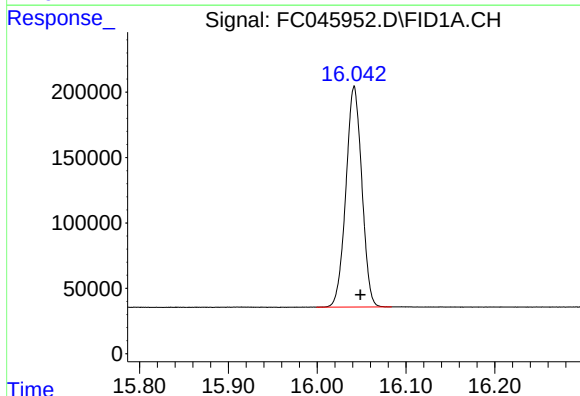
R.T.: 13.928 min
Delta R.T.: -0.006 min
Response: 2153032
Conc: 20.26 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



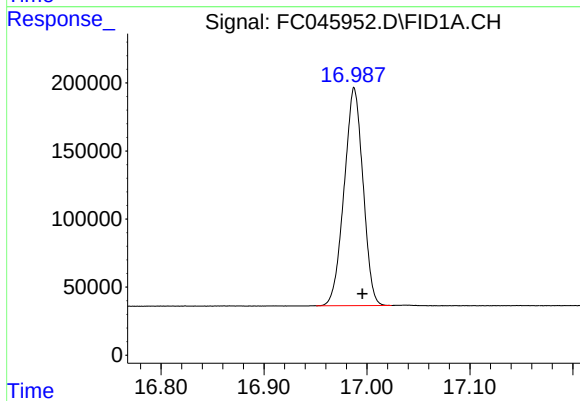
#14 n-Tetracosane (C24)

R.T.: 15.025 min
Delta R.T.: -0.007 min
Response: 2146560
Conc: 20.06 ug/ml



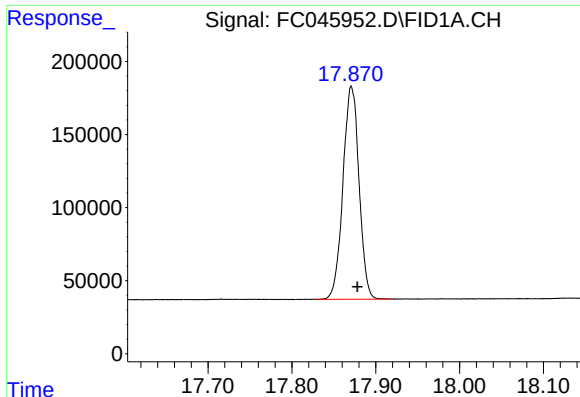
#15 n-Hexacosane (C26)

R.T.: 16.042 min
Delta R.T.: -0.007 min
Response: 2101079
Conc: 19.77 ug/ml



#16 n-Octacosane (C28)

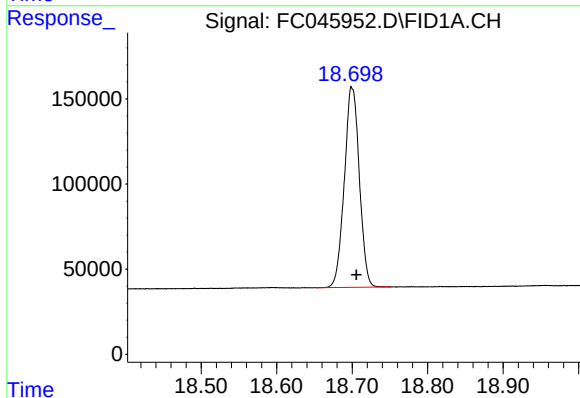
R.T.: 16.988 min
Delta R.T.: -0.008 min
Response: 2038684
Conc: 19.47 ug/ml



#17 n-Tricontane (C30)

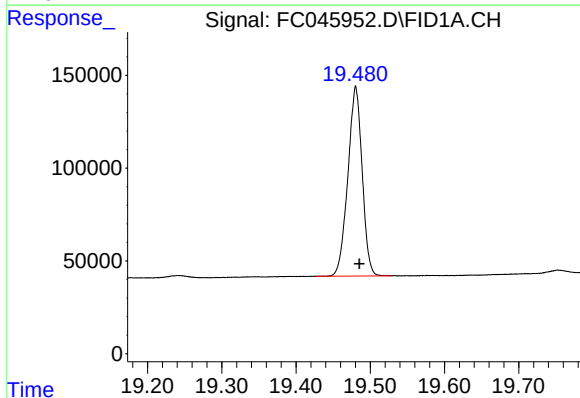
R.T.: 17.871 min
Delta R.T.: -0.007 min
Response: 1938096
Conc: 19.23 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



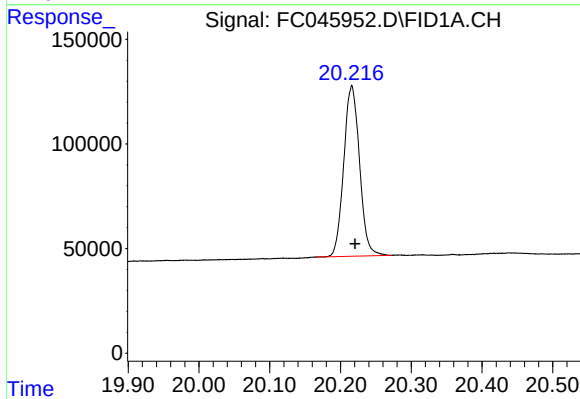
#18 n-Dotriacontane (C32)

R.T.: 18.700 min
Delta R.T.: -0.006 min
Response: 1626106
Conc: 19.00 ug/ml



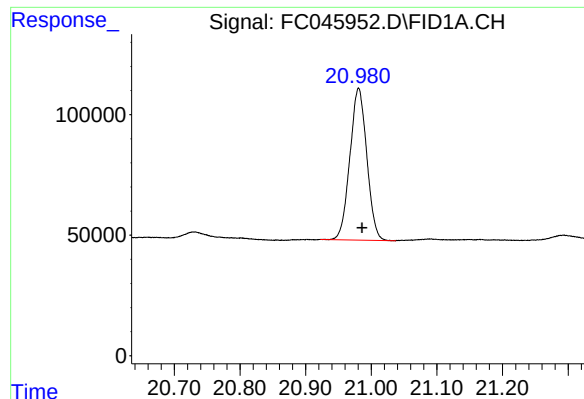
#19 n-Tetratriacontane (C34)

R.T.: 19.481 min
Delta R.T.: -0.005 min
Response: 1364158
Conc: 18.80 ug/ml



#20 n-Hexatriacontane (C36)

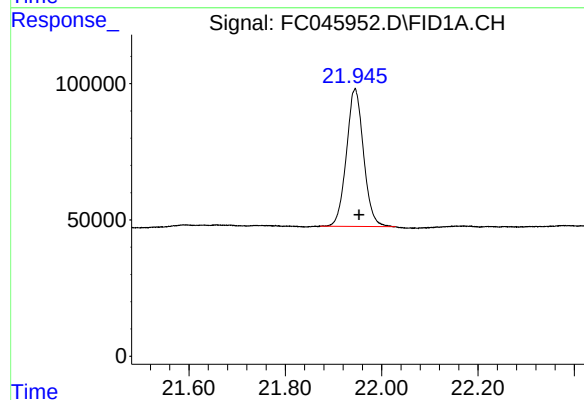
R.T.: 20.216 min
Delta R.T.: -0.005 min
Response: 1262698
Conc: 18.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.981 min
Delta R.T.: -0.005 min
Response: 1127105
Conc: 18.65 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.945 min
Delta R.T.: -0.008 min
Response: 1247396
Conc: 19.84 ug/ml