

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101920AL\
 Data File : FC050202.D
 Signal(s) : FID1A.CH
 Acq On : 19 Oct 2020 10:46
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 20 01:44:17 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 100620.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 07 04:53:04 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)	11.635	2210592	19.721 ug/ml
Spiked Amount 50.000		Recovery =	39.44%
12) S 1-chlorooctadecane (S...	13.070	1701860	19.646 ug/ml
Spiked Amount 50.000		Recovery =	39.29%
Target Compounds			
1) T n-Nonane (C9)	3.376	2118837	21.381 ug/ml
2) T n-Decane (C10)	4.448	2135592	21.450 ug/ml
3) T A~Naphthalene (C11.7)	6.044	2306909	20.930 ug/ml
4) T n-Dodecane (C12)	6.471	2148809	21.296 ug/ml
5) T A~2-methylnaphthalene...	7.103	2318983	20.834 ug/ml
6) T n-Tetradecane (C14)	8.268	2111750	21.079 ug/ml
7) T n-Hexadecane (C16)	9.870	2053856	20.840 ug/ml
8) T n-Octadecane (C18)	11.314	2107128	20.403 ug/ml
10) T n-Eicosane (C20)	12.623	2082962	20.018 ug/ml
11) T n-Heneicosane (C21)	13.235	2052109	19.748 ug/ml
13) T n-Docosane (C22)	13.820	2054414	19.791 ug/ml
14) T n-Tetracosane (C24)	14.924	2060247	19.835 ug/ml
15) T n-Hexacosane (C26)	15.944	2027987	19.680 ug/ml
16) T n-Octacosane (C28)	16.893	2030791	19.622 ug/ml
17) T n-Tricontane (C30)	17.780	2007110	19.668 ug/ml
18) T n-Dotriacontane (C32)	18.611	1890964	19.684 ug/ml
19) T n-Tetratriacontane (C34)	19.392	1786785	19.480 ug/ml
20) T n-Hexatriacontane (C36)	20.132	1945211	21.961 ug/ml
21) T n-Octatriacontane (C38)	20.879	1811170	21.965 ug/ml
22) T n-Tetracontane (C40)	21.815	1826133	21.838 ug/ml

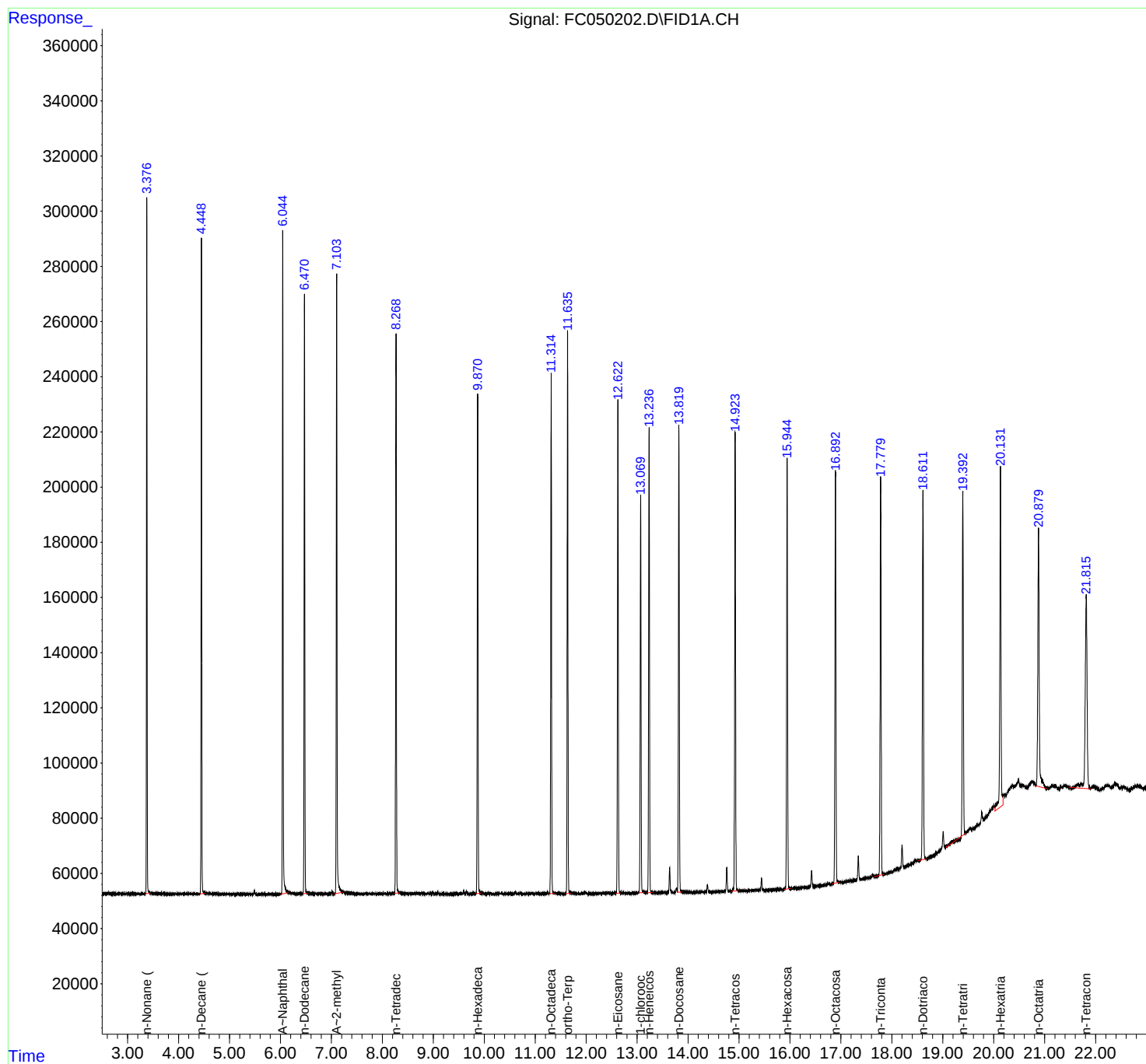
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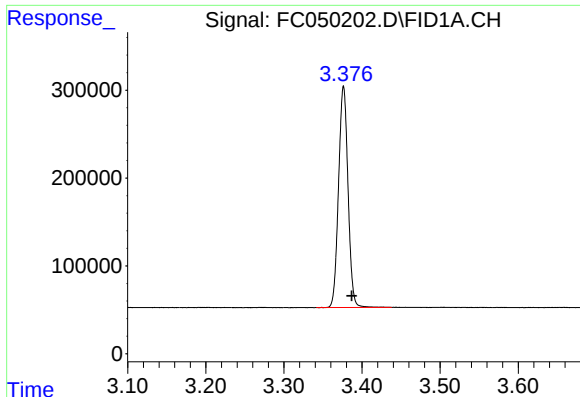
(m)=manual int.

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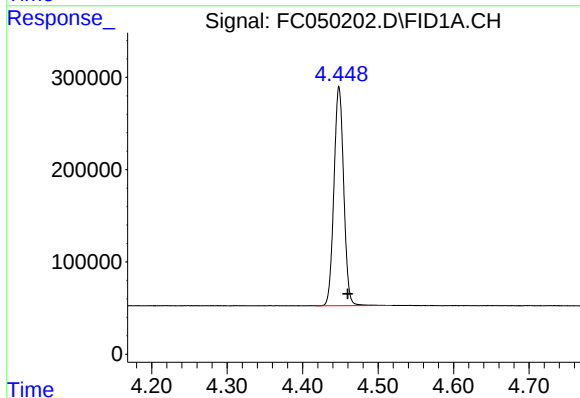
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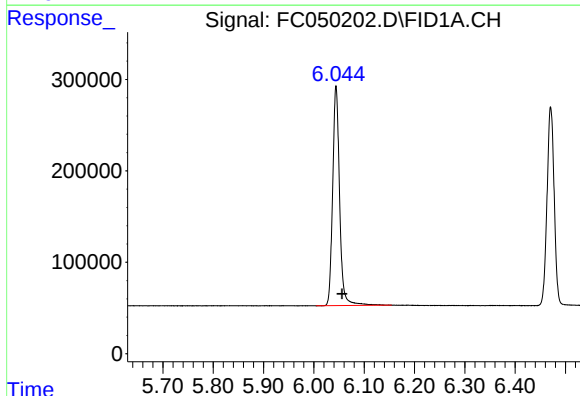
#1 n-Nonane (C9)

R.T.: 3.376 min
Delta R.T.: -0.011 min
Response: 2118837
Conc: 21.38 ug/ml



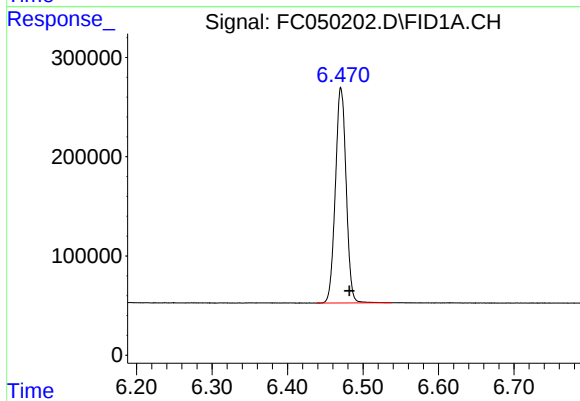
#2 n-Decane (C10)

R.T.: 4.448 min
Delta R.T.: -0.011 min
Response: 2135592
Conc: 21.45 ug/ml



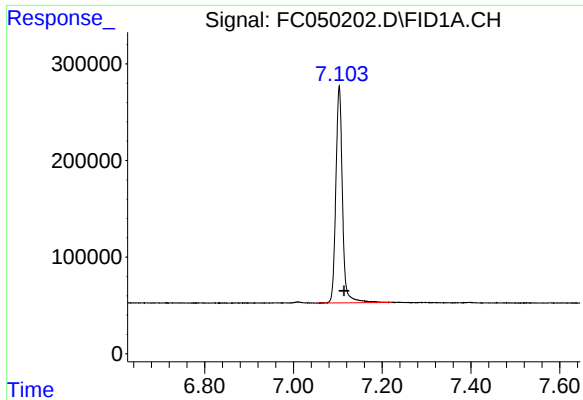
#3 A~Naphthalene (C11.7)

R.T.: 6.044 min
Delta R.T.: -0.012 min
Response: 2306909
Conc: 20.93 ug/ml



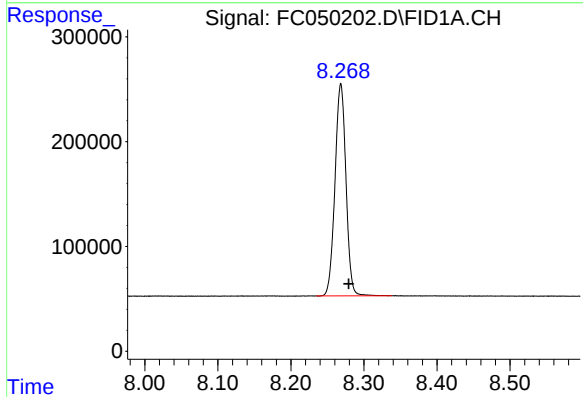
#4 n-Dodecane (C12)

R.T.: 6.471 min
Delta R.T.: -0.011 min
Response: 2148809
Conc: 21.30 ug/ml



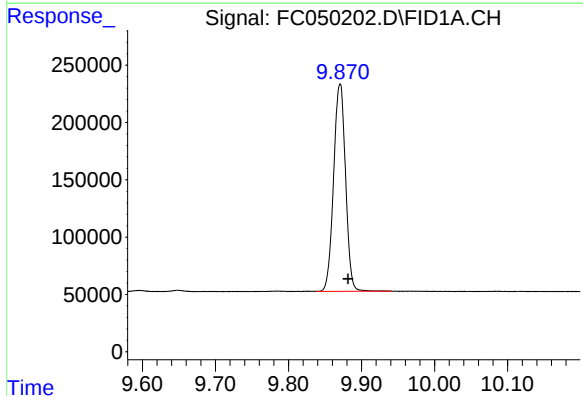
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.103 min
Delta R.T.: -0.011 min
Response: 2318983
Conc: 20.83 ug/ml



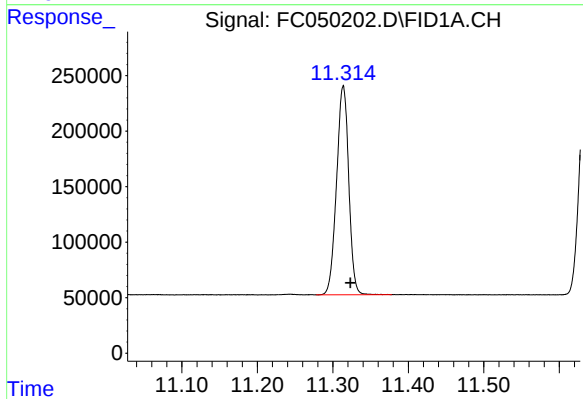
#6 n-Tetradecane (C14)

R.T.: 8.268 min
Delta R.T.: -0.011 min
Response: 2111750
Conc: 21.08 ug/ml



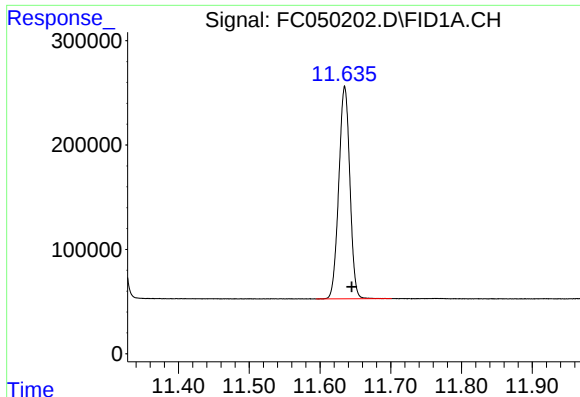
#7 n-Hexadecane (C16)

R.T.: 9.870 min
Delta R.T.: -0.011 min
Response: 2053856
Conc: 20.84 ug/ml



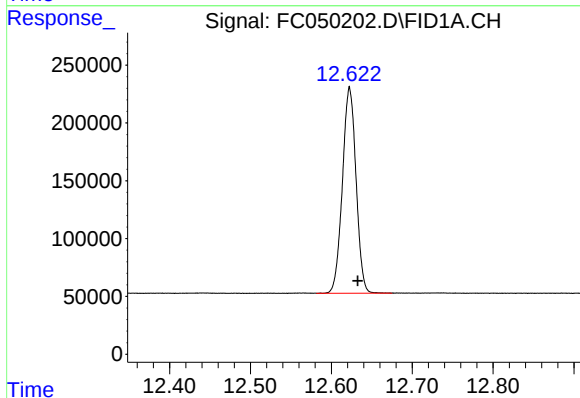
#8 n-Octadecane (C18)

R.T.: 11.314 min
Delta R.T.: -0.010 min
Response: 2107128
Conc: 20.40 ug/ml



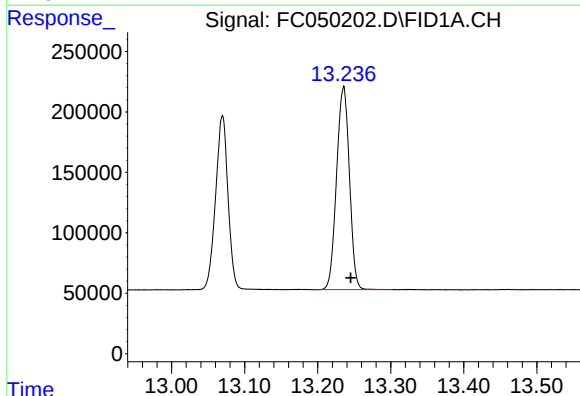
#9 ortho-Terphenyl (SURR)

R.T.: 11.635 min
Delta R.T.: -0.010 min
Response: 2210592
Conc: 19.72 ug/ml



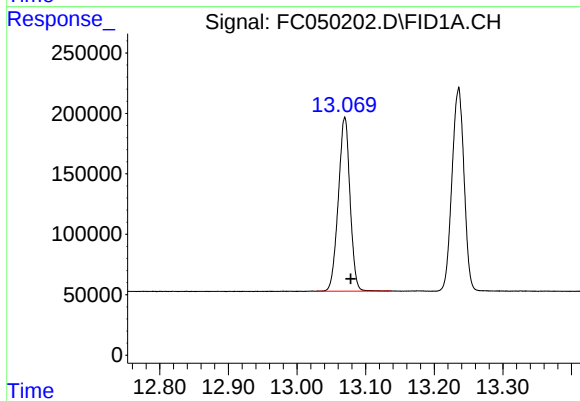
#10 n-Eicosane (C20)

R.T.: 12.623 min
Delta R.T.: -0.010 min
Response: 2082962
Conc: 20.02 ug/ml



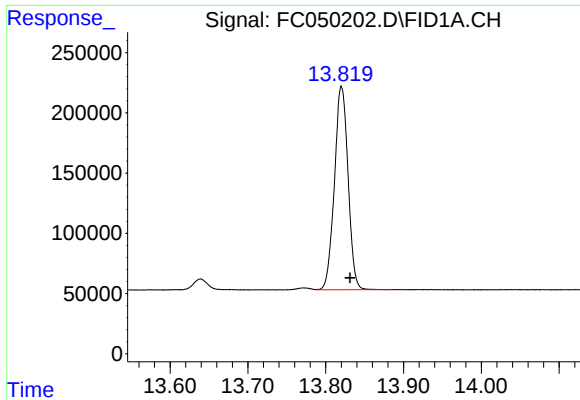
#11 n-Heneicosane (C21)

R.T.: 13.235 min
Delta R.T.: -0.010 min
Response: 2052109
Conc: 19.75 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.070 min
Delta R.T.: -0.009 min
Response: 1701860
Conc: 19.65 ug/ml



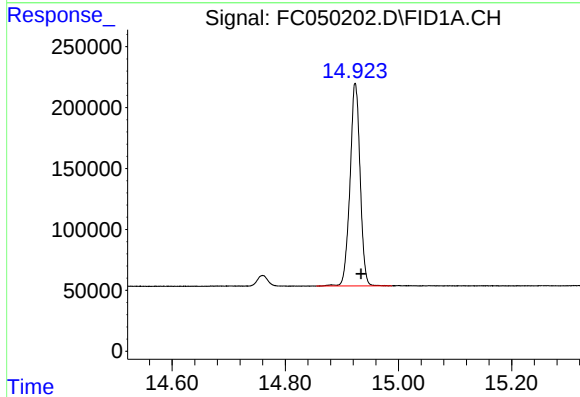
#13 n-Docosane (C22)

R.T.: 13.820 min

Delta R.T.: -0.011 min

Response: 2054414

Conc: 19.79 ug/ml



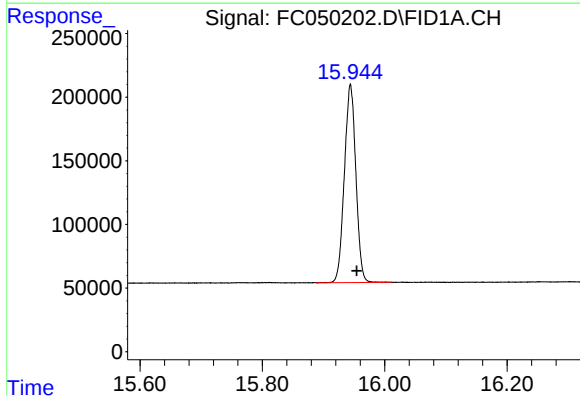
#14 n-Tetracosane (C24)

R.T.: 14.924 min

Delta R.T.: -0.010 min

Response: 2060247

Conc: 19.84 ug/ml



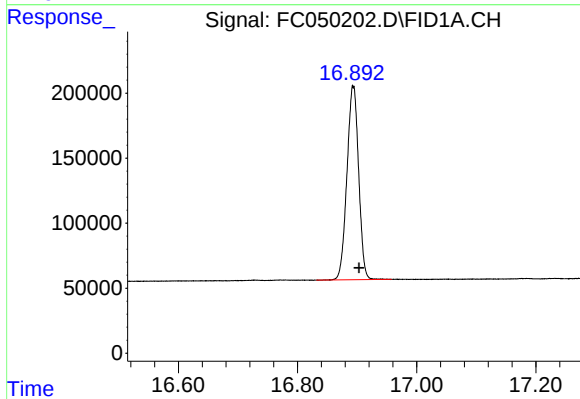
#15 n-Hexacosane (C26)

R.T.: 15.944 min

Delta R.T.: -0.010 min

Response: 2027987

Conc: 19.68 ug/ml



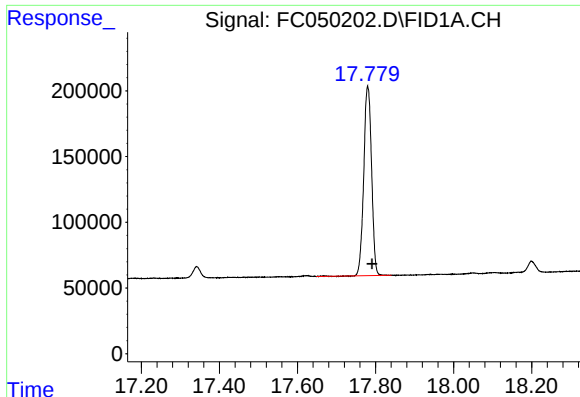
#16 n-Octacosane (C28)

R.T.: 16.893 min

Delta R.T.: -0.010 min

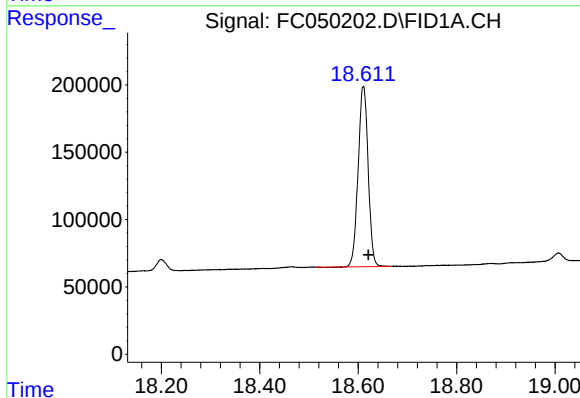
Response: 2030791

Conc: 19.62 ug/ml



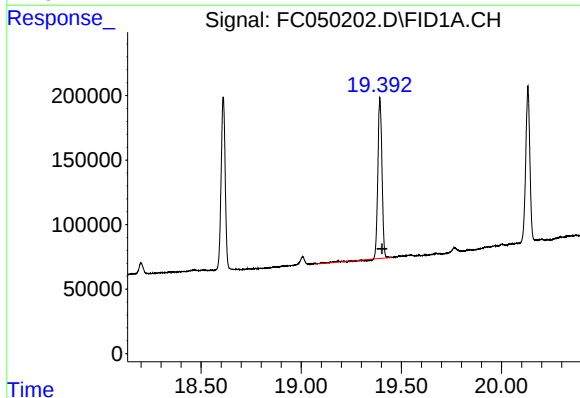
#17 n-Tricontane (C30)

R.T.: 17.780 min
Delta R.T.: -0.011 min
Response: 2007110
Conc: 19.67 ug/ml



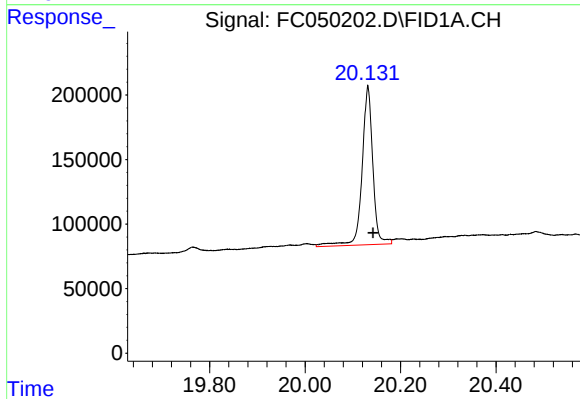
#18 n-Dotriacontane (C32)

R.T.: 18.611 min
Delta R.T.: -0.010 min
Response: 1890964
Conc: 19.68 ug/ml



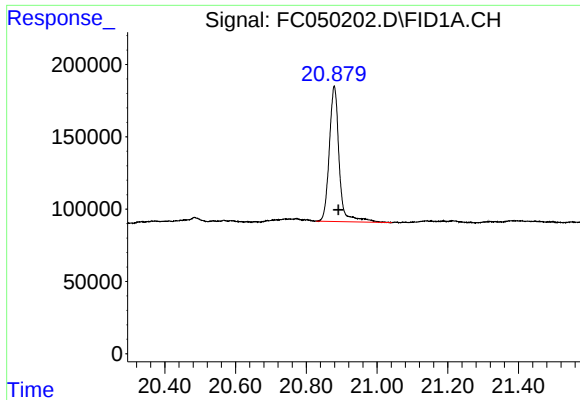
#19 n-Tetratriacontane (C34)

R.T.: 19.392 min
Delta R.T.: -0.011 min
Response: 1786785
Conc: 19.48 ug/ml



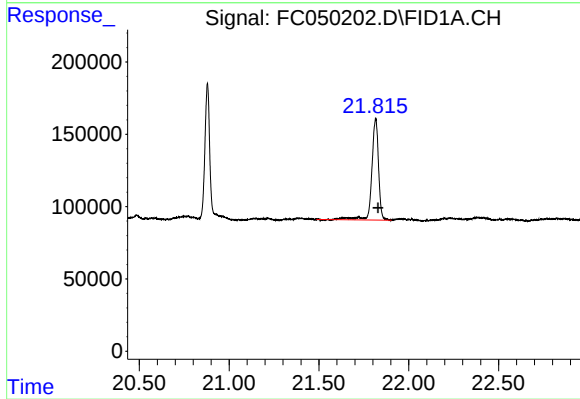
#20 n-Hexatriacontane (C36)

R.T.: 20.132 min
Delta R.T.: -0.011 min
Response: 1945211
Conc: 21.96 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.879 min
Delta R.T.: -0.012 min
Response: 1811170
Conc: 21.96 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.815 min
Delta R.T.: -0.014 min
Response: 1826133
Conc: 21.84 ug/ml