

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102020AL\
 Data File : FC050238.D
 Signal(s) : FID1A.CH
 Acq On : 20 Oct 2020 22:59
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 21 01:45:09 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)	11.631	2223070	19.833 ug/ml
Spiked Amount 50.000		Recovery =	39.67%
12) S 1-chlorooctadecane (S...	13.065	1714589	19.793 ug/ml
Spiked Amount 50.000		Recovery =	39.59%
Target Compounds			
1) T n-Nonane (C9)	3.376	2102727	21.219 ug/ml
2) T n-Decane (C10)	4.447	2111884	21.212 ug/ml
3) T A~Naphthalene (C11.7)	6.042	2309607	20.955 ug/ml
4) T n-Dodecane (C12)	6.469	2131456	21.124 ug/ml
5) T A~2-methylnaphthalene...	7.100	2325460	20.893 ug/ml
6) T n-Tetradecane (C14)	8.266	2120165	21.163 ug/ml
7) T n-Hexadecane (C16)	9.867	2072262	21.026 ug/ml
8) T n-Octadecane (C18)	11.310	2135322	20.676 ug/ml
10) T n-Eicosane (C20)	12.619	2100309	20.185 ug/ml
11) T n-Heneicosane (C21)	13.231	2070329	19.923 ug/ml
13) T n-Docosane (C22)	13.817	2042201	19.673 ug/ml
14) T n-Tetracosane (C24)	14.919	1982966	19.091 ug/ml
15) T n-Hexacosane (C26)	15.939	1914863	18.582 ug/ml
16) T n-Octacosane (C28)	16.889	1877786	18.144 ug/ml
17) T n-Tricontane (C30)	17.775	1829133	17.924 ug/ml
18) T n-Dotriacontane (C32)	18.607	1722481	17.930 ug/ml
19) T n-Tetratriacontane (C34)	19.387	1709096	18.633 ug/ml
20) T n-Hexatriacontane (C36)	20.126	2637281	29.774 ug/ml
21) T n-Octatriacontane (C38)	20.873	2128580	25.814 ug/ml
22) T n-Tetracontane (C40)	21.806	1588850	19.001 ug/ml

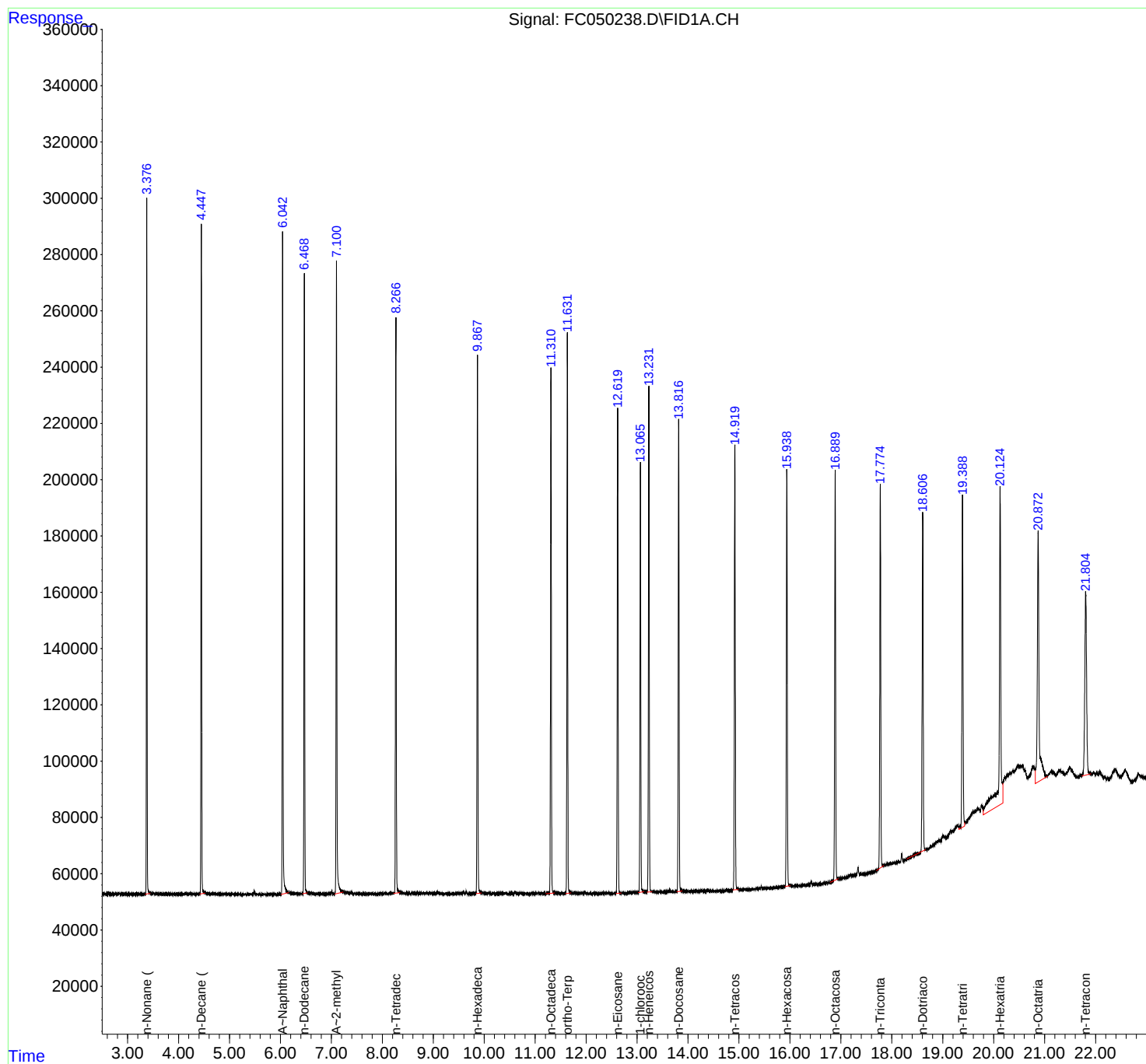
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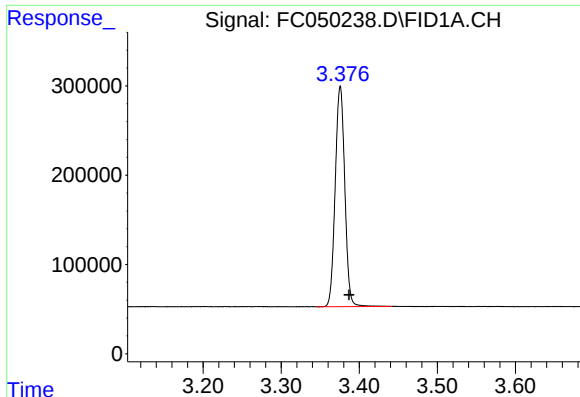
(m)=manual int.

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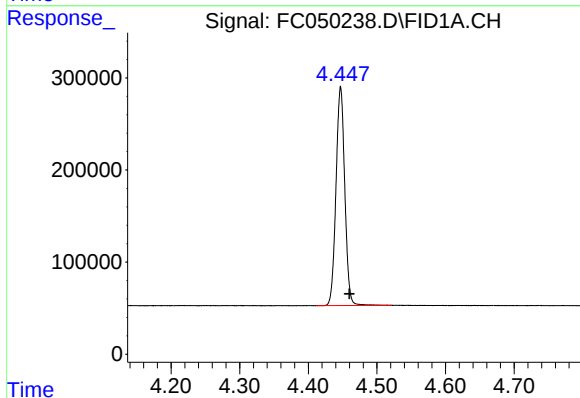
Volume Inj. : 1 ul
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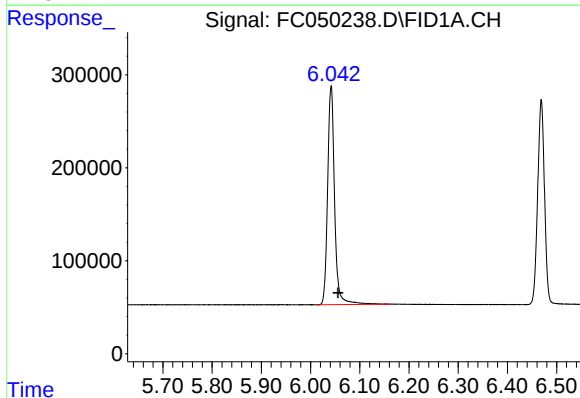
#1 n-Nonane (C9)

R.T.: 3.376 min
Delta R.T.: -0.011 min
Response: 2102727
Conc: 21.22 ug/ml



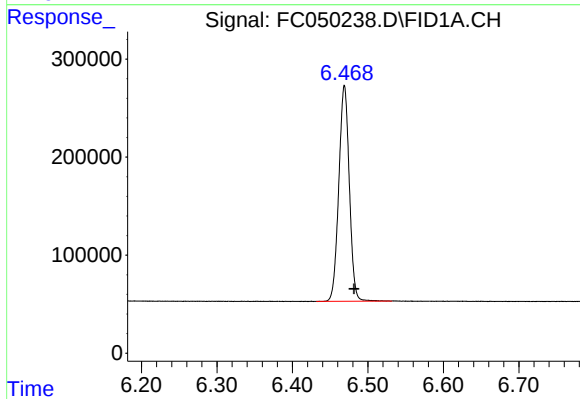
#2 n-Decane (C10)

R.T.: 4.447 min
Delta R.T.: -0.013 min
Response: 2111884
Conc: 21.21 ug/ml



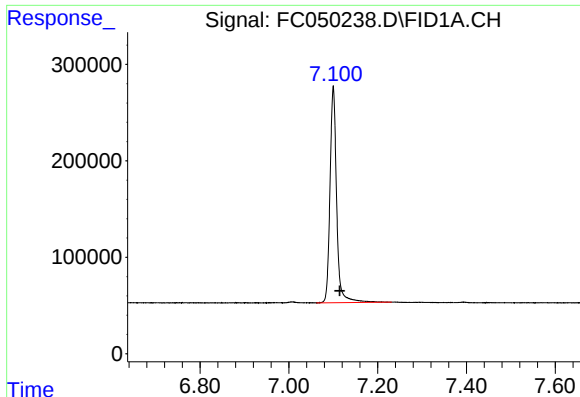
#3 A~Naphthalene (C11.7)

R.T.: 6.042 min
Delta R.T.: -0.014 min
Response: 2309607
Conc: 20.95 ug/ml



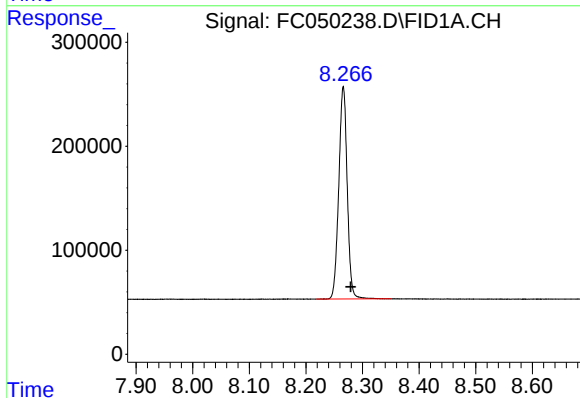
#4 n-Dodecane (C12)

R.T.: 6.469 min
Delta R.T.: -0.013 min
Response: 2131456
Conc: 21.12 ug/ml



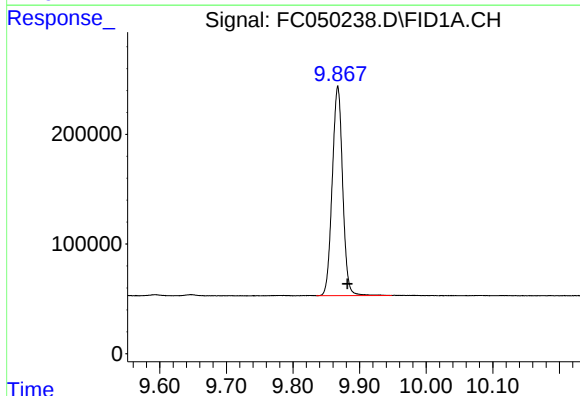
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.100 min
Delta R.T.: -0.014 min
Response: 2325460
Conc: 20.89 ug/ml



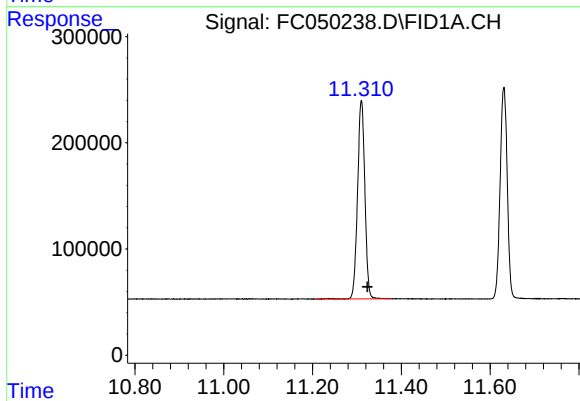
#6 n-Tetradecane (C14)

R.T.: 8.266 min
Delta R.T.: -0.013 min
Response: 2120165
Conc: 21.16 ug/ml



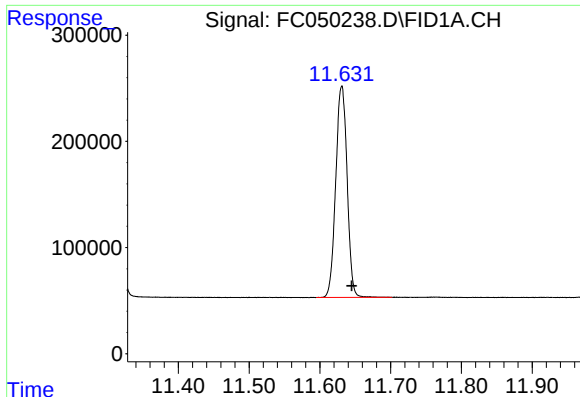
#7 n-Hexadecane (C16)

R.T.: 9.867 min
Delta R.T.: -0.014 min
Response: 2072262
Conc: 21.03 ug/ml



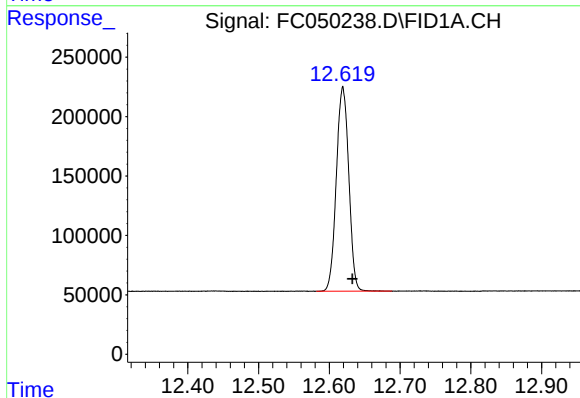
#8 n-Octadecane (C18)

R.T.: 11.310 min
Delta R.T.: -0.013 min
Response: 2135322
Conc: 20.68 ug/ml



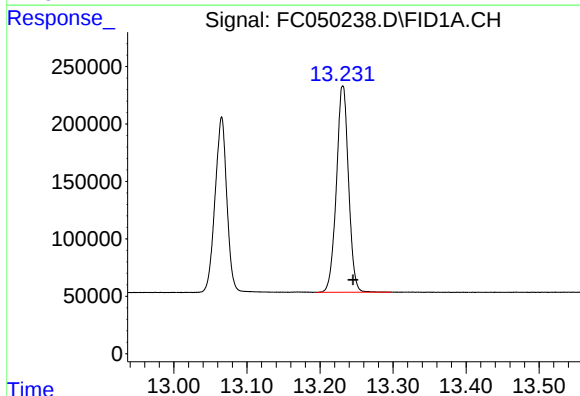
#9 ortho-Terphenyl (SURR)

R.T.: 11.631 min
Delta R.T.: -0.014 min
Response: 2223070
Conc: 19.83 ug/ml



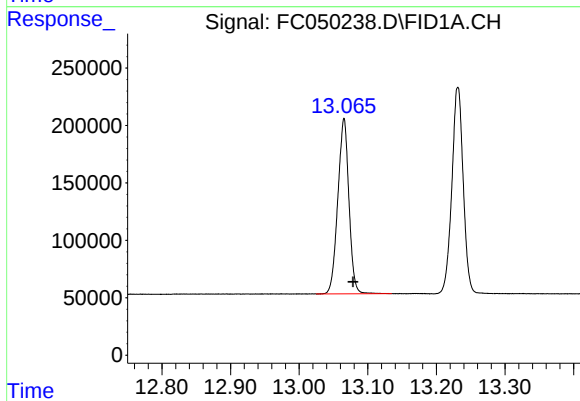
#10 n-Eicosane (C20)

R.T.: 12.619 min
Delta R.T.: -0.013 min
Response: 2100309
Conc: 20.18 ug/ml



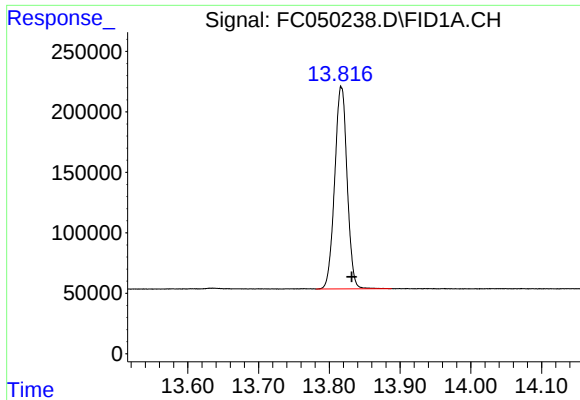
#11 n-Heneicosane (C21)

R.T.: 13.231 min
Delta R.T.: -0.014 min
Response: 2070329
Conc: 19.92 ug/ml



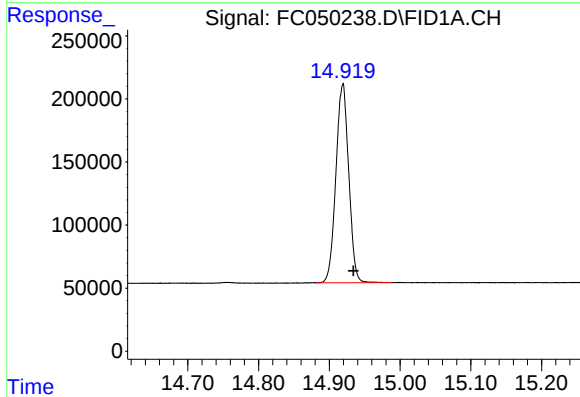
#12 1-chlorooctadecane (SURR)

R.T.: 13.065 min
Delta R.T.: -0.013 min
Response: 1714589
Conc: 19.79 ug/ml



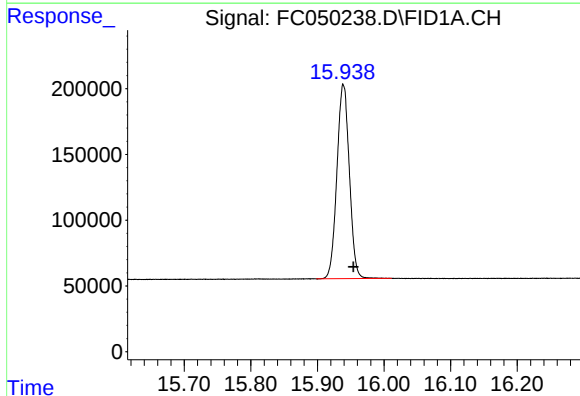
#13 n-Docosane (C22)

R.T.: 13.817 min
Delta R.T.: -0.015 min
Response: 2042201
Conc: 19.67 ug/ml



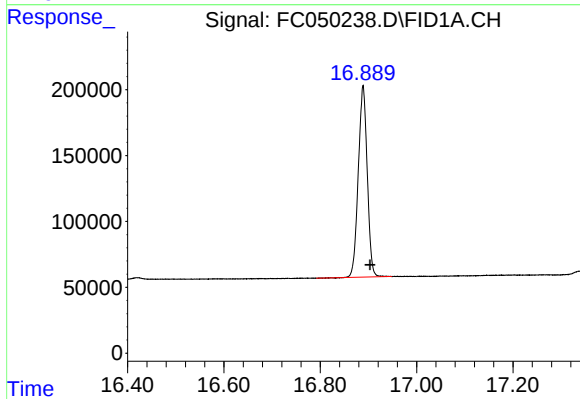
#14 n-Tetracosane (C24)

R.T.: 14.919 min
Delta R.T.: -0.016 min
Response: 1982966
Conc: 19.09 ug/ml



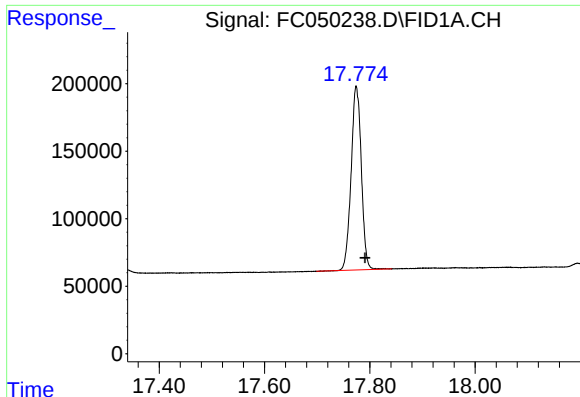
#15 n-Hexacosane (C26)

R.T.: 15.939 min
Delta R.T.: -0.015 min
Response: 1914863
Conc: 18.58 ug/ml



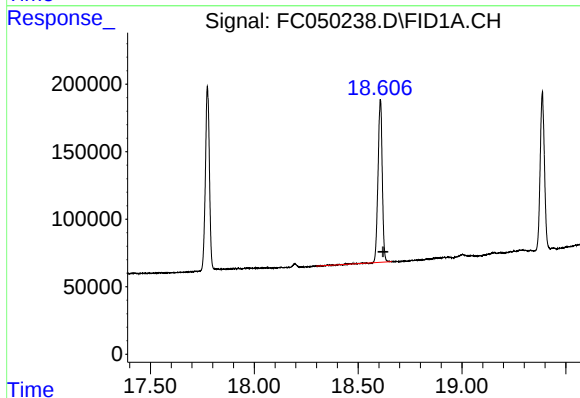
#16 n-Octacosane (C28)

R.T.: 16.889 min
Delta R.T.: -0.015 min
Response: 1877786
Conc: 18.14 ug/ml



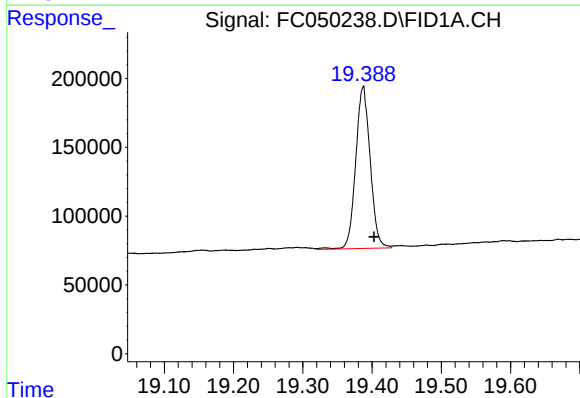
#17 n-Tricontane (C30)

R.T.: 17.775 min
Delta R.T.: -0.016 min
Response: 1829133
Conc: 17.92 ug/ml



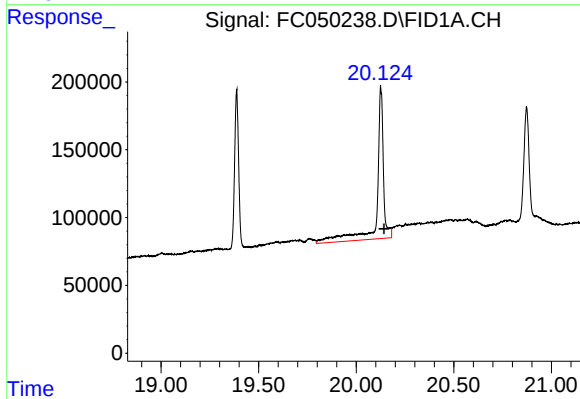
#18 n-Dotriacontane (C32)

R.T.: 18.607 min
Delta R.T.: -0.014 min
Response: 1722481
Conc: 17.93 ug/ml



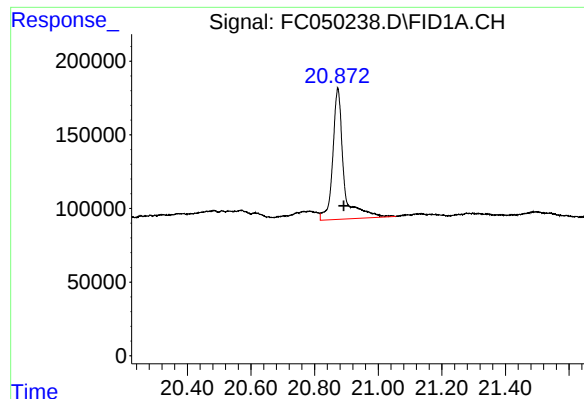
#19 n-Tetratriacontane (C34)

R.T.: 19.387 min
Delta R.T.: -0.016 min
Response: 1709096
Conc: 18.63 ug/ml



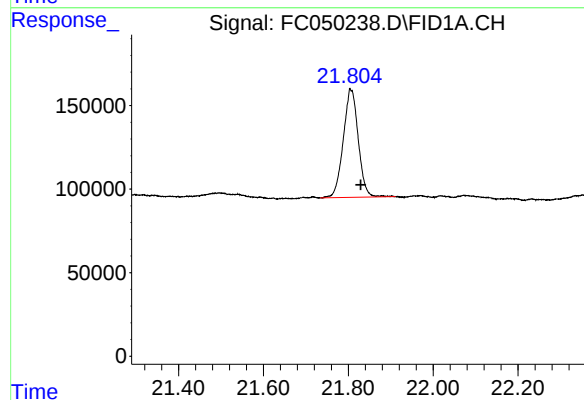
#20 n-Hexatriacontane (C36)

R.T.: 20.126 min
Delta R.T.: -0.016 min
Response: 2637281
Conc: 29.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.873 min
Delta R.T.: -0.018 min
Response: 2128580
Conc: 25.81 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.806 min
Delta R.T.: -0.023 min
Response: 1588850
Conc: 19.00 ug/ml