

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032720AL\
 Data File : FC046556.D
 Signal(s) : FID1A.CH
 Acq On : 28 Mar 2020 10:02
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Mar 30 00:31:43 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 032320.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 24 12:45:07 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)	11.756	2299074	21.032 ug/ml
Spiked Amount 50.000		Recovery =	42.06%
12) S 1-chlorooctadecane (S...	13.172	1799792	20.885 ug/ml
Spiked Amount 50.000		Recovery =	41.77%
Target Compounds			
1) T n-Nonane (C9)	3.539	2097379	21.839 ug/ml
2) T n-Decane (C10)	4.608	2153515	22.422 ug/ml
3) T A~Naphthalene (C11.7)	6.207	2231326	22.269 ug/ml
4) T n-Dodecane (C12)	6.616	2186181	22.397 ug/ml
5) T A~2-methylnaphthalene...	7.257	2257990	22.334 ug/ml
6) T n-Tetradecane (C14)	8.399	2184212	22.182 ug/ml
7) T n-Hexadecane (C16)	9.990	2181848	21.855 ug/ml
8) T n-Octadecane (C18)	11.424	2187641	21.554 ug/ml
10) T n-Eicosane (C20)	12.727	2166734	21.194 ug/ml
11) T n-Heneicosane (C21)	13.335	2158235	20.932 ug/ml
13) T n-Docosane (C22)	13.918	2135830	20.806 ug/ml
14) T n-Tetracosane (C24)	15.016	2133658	20.670 ug/ml
15) T n-Hexacosane (C26)	16.031	2113813	20.602 ug/ml
16) T n-Octacosane (C28)	16.977	2061286	20.253 ug/ml
17) T n-Tricontane (C30)	17.860	1966863	20.075 ug/ml
18) T n-Dotriacontane (C32)	18.688	1676336	19.995 ug/ml
19) T n-Tetratriacontane (C34)	19.466	1421629	19.842 ug/mlm
20) T n-Hexatriacontane (C36)	20.201	1331887	19.012 ug/mlm
21) T n-Octatriacontane (C38)	20.967	1335909	21.170 ug/mlm
22) T n-Tetracontane (C40)	21.916	1356343	19.601 ug/mlm

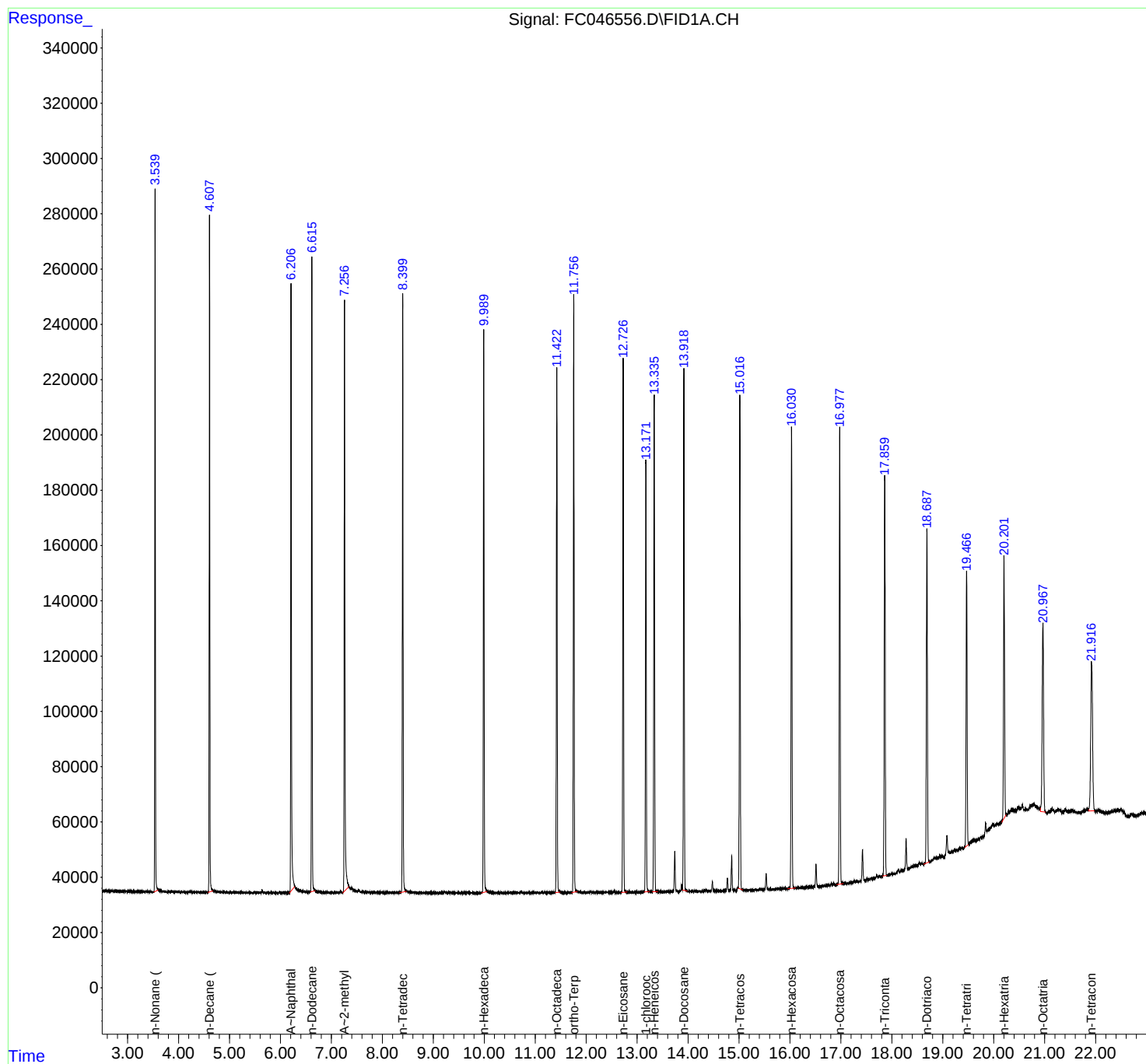
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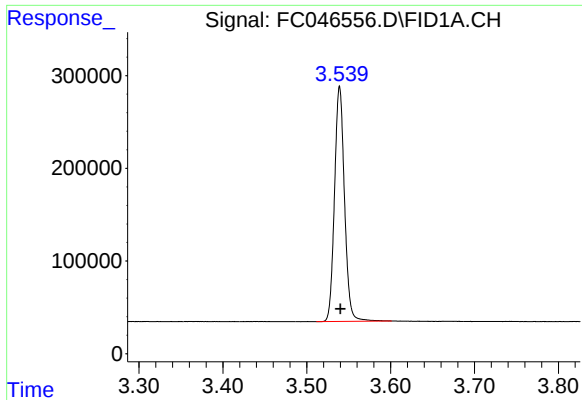
(m)=manual int.

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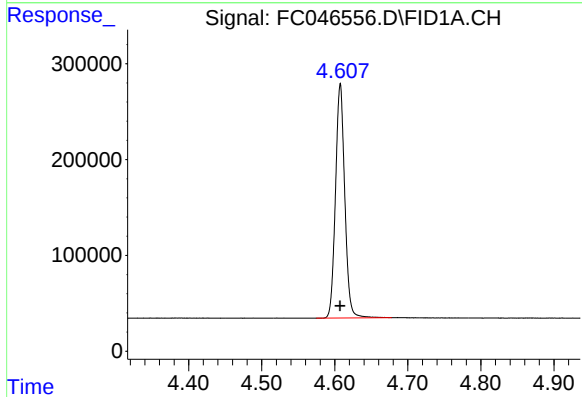
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





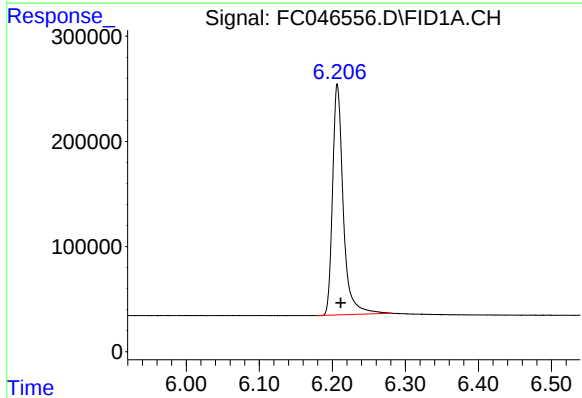
#1 n-Nonane (C9)

R.T.: 3.539 min
Delta R.T.: 0.000 min
Response: 2097379
Conc: 21.84 ug/ml



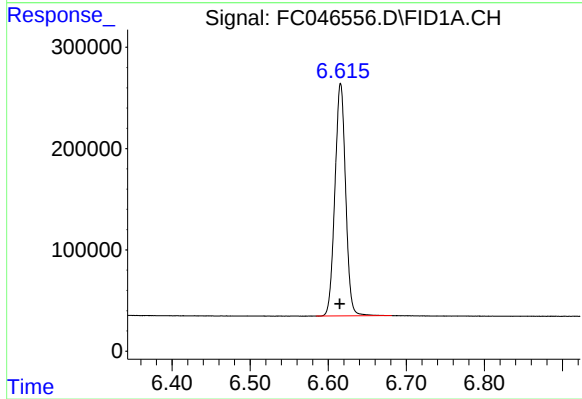
#2 n-Decane (C10)

R.T.: 4.608 min
Delta R.T.: 0.000 min
Response: 2153515
Conc: 22.42 ug/ml



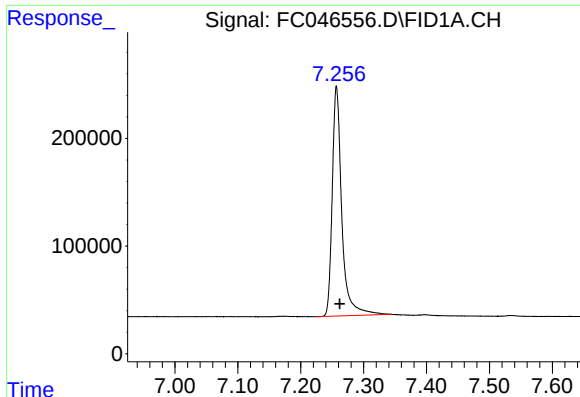
#3 A~Naphthalene (C11.7)

R.T.: 6.207 min
Delta R.T.: -0.004 min
Response: 2231326
Conc: 22.27 ug/ml



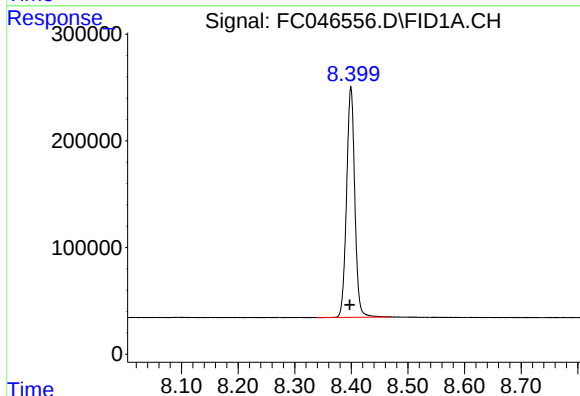
#4 n-Dodecane (C12)

R.T.: 6.616 min
Delta R.T.: 0.001 min
Response: 2186181
Conc: 22.40 ug/ml



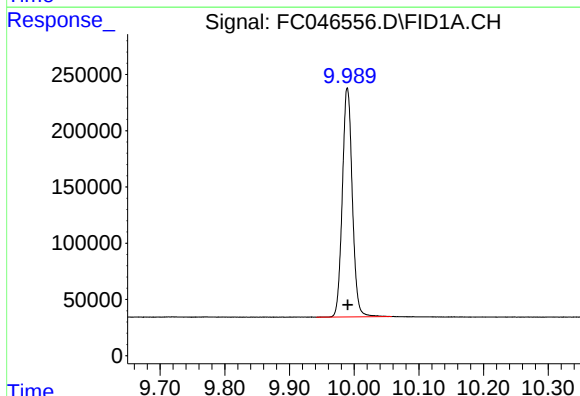
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.257 min
Delta R.T.: -0.005 min
Response: 2257990
Conc: 22.33 ug/ml



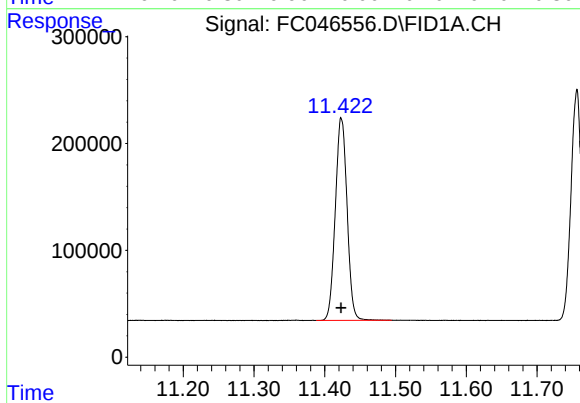
#6 n-Tetradecane (C14)

R.T.: 8.399 min
Delta R.T.: 0.002 min
Response: 2184212
Conc: 22.18 ug/ml



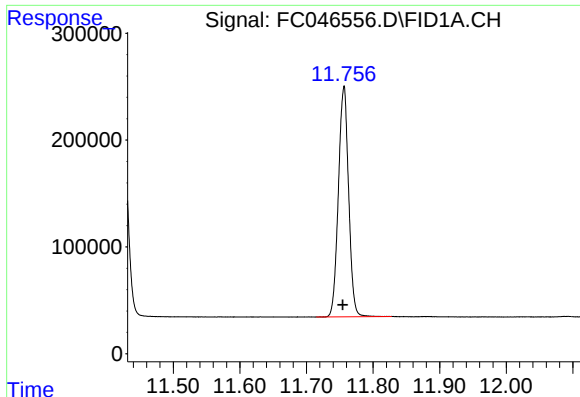
#7 n-Hexadecane (C16)

R.T.: 9.990 min
Delta R.T.: 0.000 min
Response: 2181848
Conc: 21.85 ug/ml



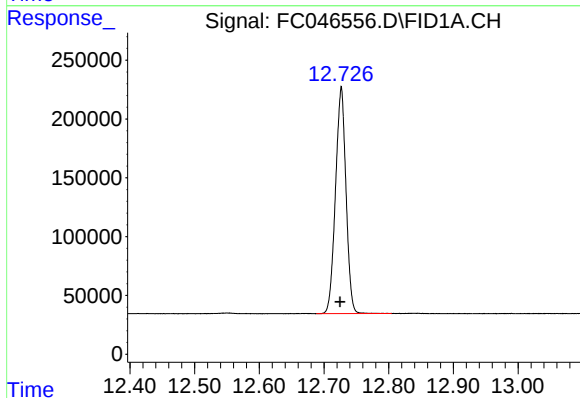
#8 n-Octadecane (C18)

R.T.: 11.424 min
Delta R.T.: 0.000 min
Response: 2187641
Conc: 21.55 ug/ml



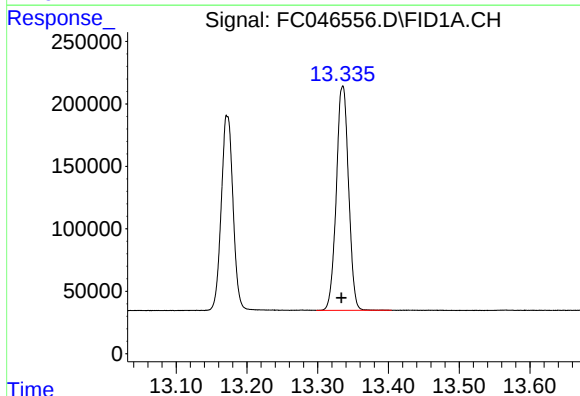
#9 ortho-Terphenyl (SURR)

R.T.: 11.756 min
Delta R.T.: 0.002 min
Response: 2299074
Conc: 21.03 ug/ml



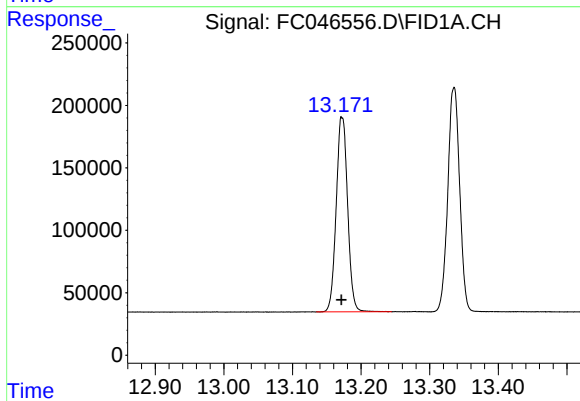
#10 n-Eicosane (C20)

R.T.: 12.727 min
Delta R.T.: 0.002 min
Response: 2166734
Conc: 21.19 ug/ml



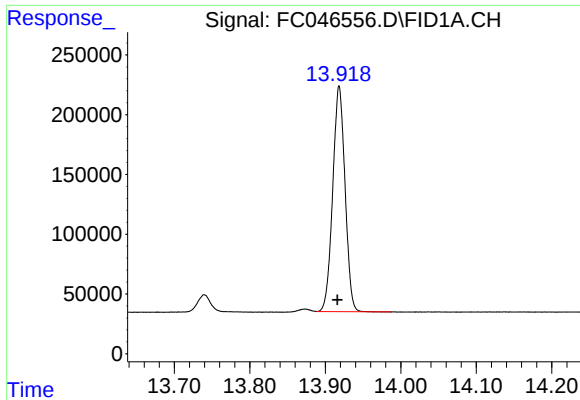
#11 n-Heneicosane (C21)

R.T.: 13.335 min
Delta R.T.: 0.002 min
Response: 2158235
Conc: 20.93 ug/ml



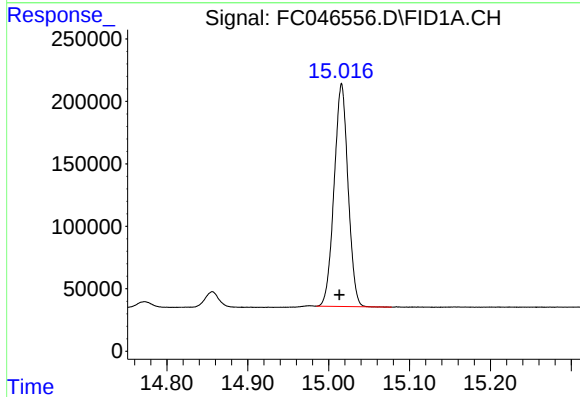
#12 1-chlorooctadecane (SURR)

R.T.: 13.172 min
Delta R.T.: 0.001 min
Response: 1799792
Conc: 20.88 ug/ml



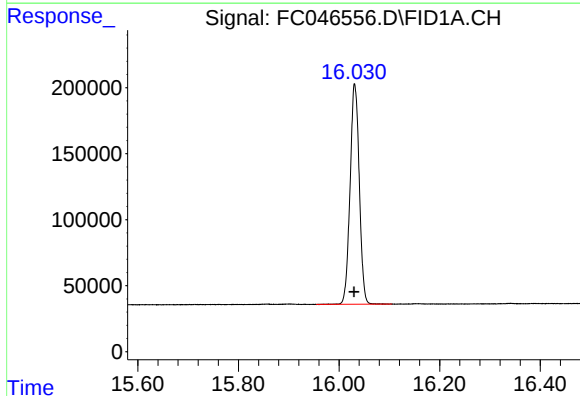
#13 n-Docosane (C22)

R.T.: 13.918 min
Delta R.T.: 0.002 min
Response: 2135830
Conc: 20.81 ug/ml



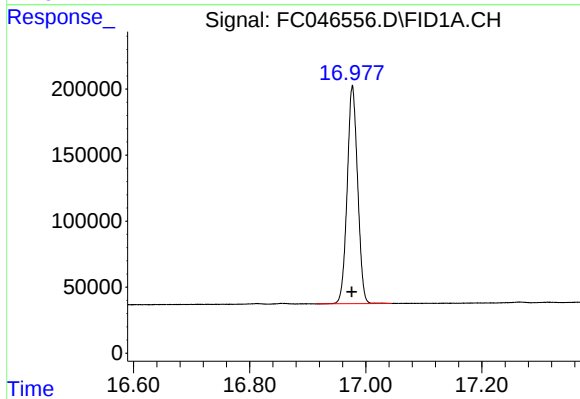
#14 n-Tetracosane (C24)

R.T.: 15.016 min
Delta R.T.: 0.003 min
Response: 2133658
Conc: 20.67 ug/ml



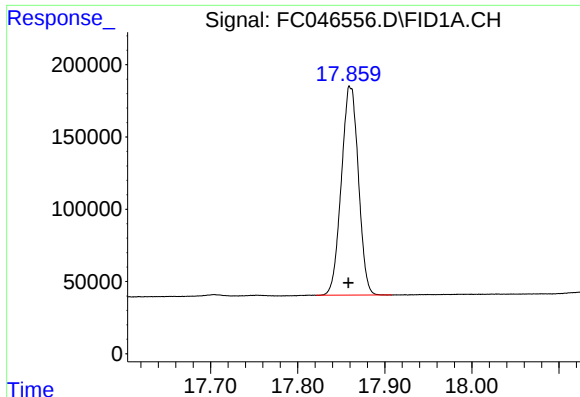
#15 n-Hexacosane (C26)

R.T.: 16.031 min
Delta R.T.: 0.002 min
Response: 2113813
Conc: 20.60 ug/ml



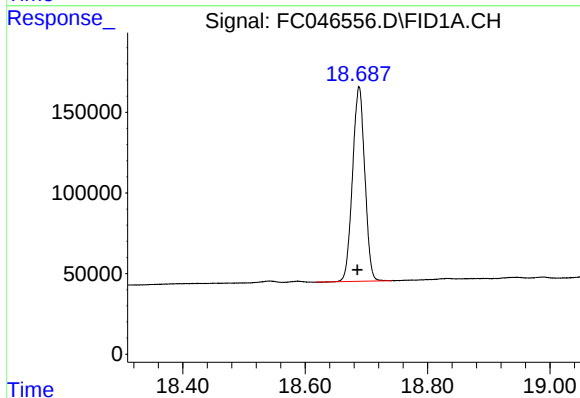
#16 n-Octacosane (C28)

R.T.: 16.977 min
Delta R.T.: 0.002 min
Response: 2061286
Conc: 20.25 ug/ml



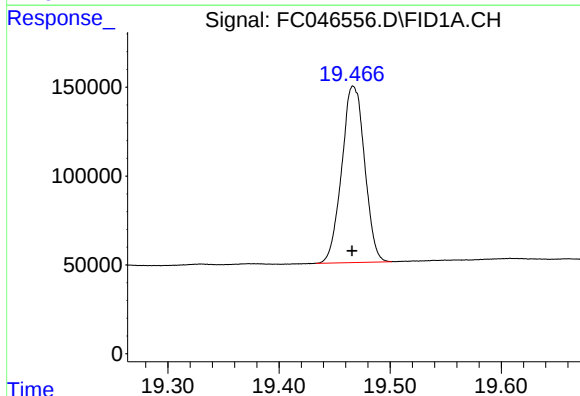
#17 n-Tricontane (C30)

R.T.: 17.860 min
Delta R.T.: 0.002 min
Response: 1966863
Conc: 20.08 ug/ml



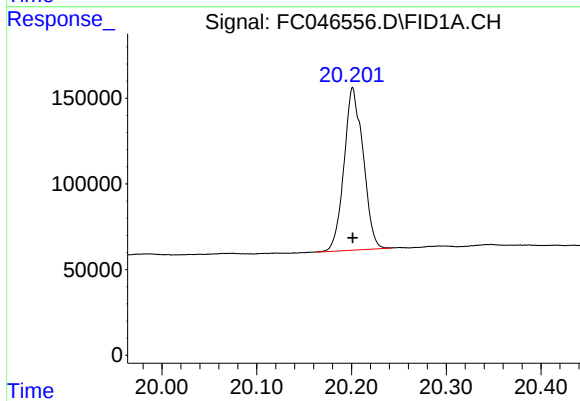
#18 n-Dotriacontane (C32)

R.T.: 18.688 min
Delta R.T.: 0.003 min
Response: 1676336
Conc: 19.99 ug/ml



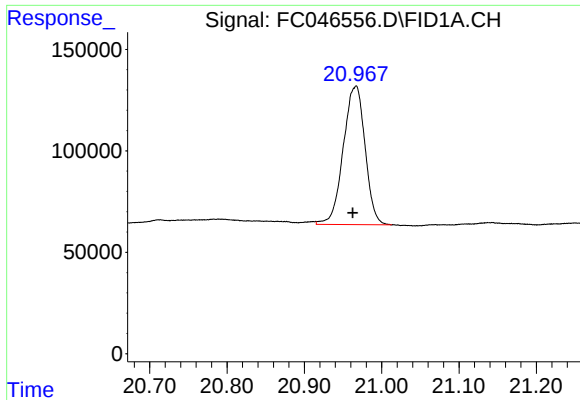
#19 n-Tetratriacontane (C34)

R.T.: 19.466 min
Delta R.T.: 0.000 min
Response: 1421629
Conc: 19.84 ug/ml m



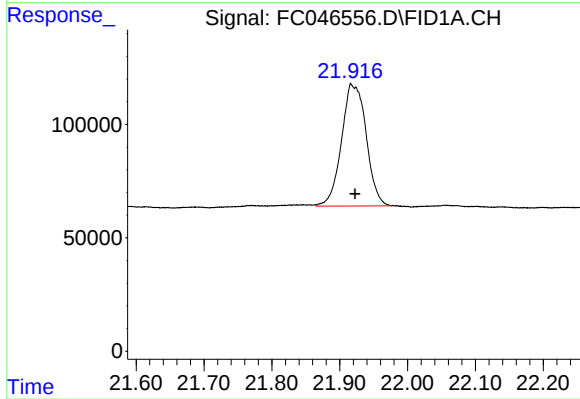
#20 n-Hexatriacontane (C36)

R.T.: 20.201 min
Delta R.T.: 0.000 min
Response: 1331887
Conc: 19.01 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.967 min
Delta R.T.: 0.005 min
Response: 1335909
Conc: 21.17 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.916 min
Delta R.T.: -0.007 min
Response: 1356343
Conc: 19.60 ug/ml m