

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111620AL\
 Data File : FC050827.D
 Signal(s) : FID1A.CH
 Acq On : 17 Nov 2020 5:01
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 17 06:23:43 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 110220.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 03 02:36:40 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)	11.611	2202350	17.930 ug/ml
Spiked Amount 50.000		Recovery =	35.86%
12) S 1-chlorooctadecane (S...	13.045	1705953	17.669 ug/ml
Spiked Amount 50.000		Recovery =	35.34%
Target Compounds			
1) T n-Nonane (C9)	3.358	2142210	20.133 ug/ml
2) T n-Decane (C10)	4.429	2151729	20.232 ug/ml
3) T A~Naphthalene (C11.7)	6.023	2299593	19.969 ug/ml
4) T n-Dodecane (C12)	6.450	2192356	20.220 ug/ml
5) T A~2-methylnaphthalene...	7.081	2258680	19.687 ug/ml
6) T n-Tetradecane (C14)	8.247	2175160	20.167 ug/ml
7) T n-Hexadecane (C16)	9.848	2110178	19.823 ug/ml
8) T n-Octadecane (C18)	11.290	2151655	19.128 ug/ml
10) T n-Eicosane (C20)	12.599	2093479	18.342 ug/ml
11) T n-Heneicosane (C21)	13.211	2049495	17.965 ug/ml
13) T n-Docosane (C22)	13.797	2003116	17.552 ug/ml
14) T n-Tetracosane (C24)	14.900	1931668	16.915 ug/ml
15) T n-Hexacosane (C26)	15.919	1877121	16.556 ug/ml
16) T n-Octacosane (C28)	16.868	1850848	16.311 ug/ml
17) T n-Tricontane (C30)	17.755	1855319	16.687 ug/ml
18) T n-Dotriacontane (C32)	18.587	1788116	17.333 ug/ml
19) T n-Tetratriacontane (C34)	19.370	1545188	16.058 ug/ml
20) T n-Hexatriacontane (C36)	20.108	1798733	20.021 ug/ml
21) T n-Octatriacontane (C38)	20.852	1337483	16.086 ug/ml
22) T n-Tetracontane (C40)	21.777	1504960	17.984 ug/ml

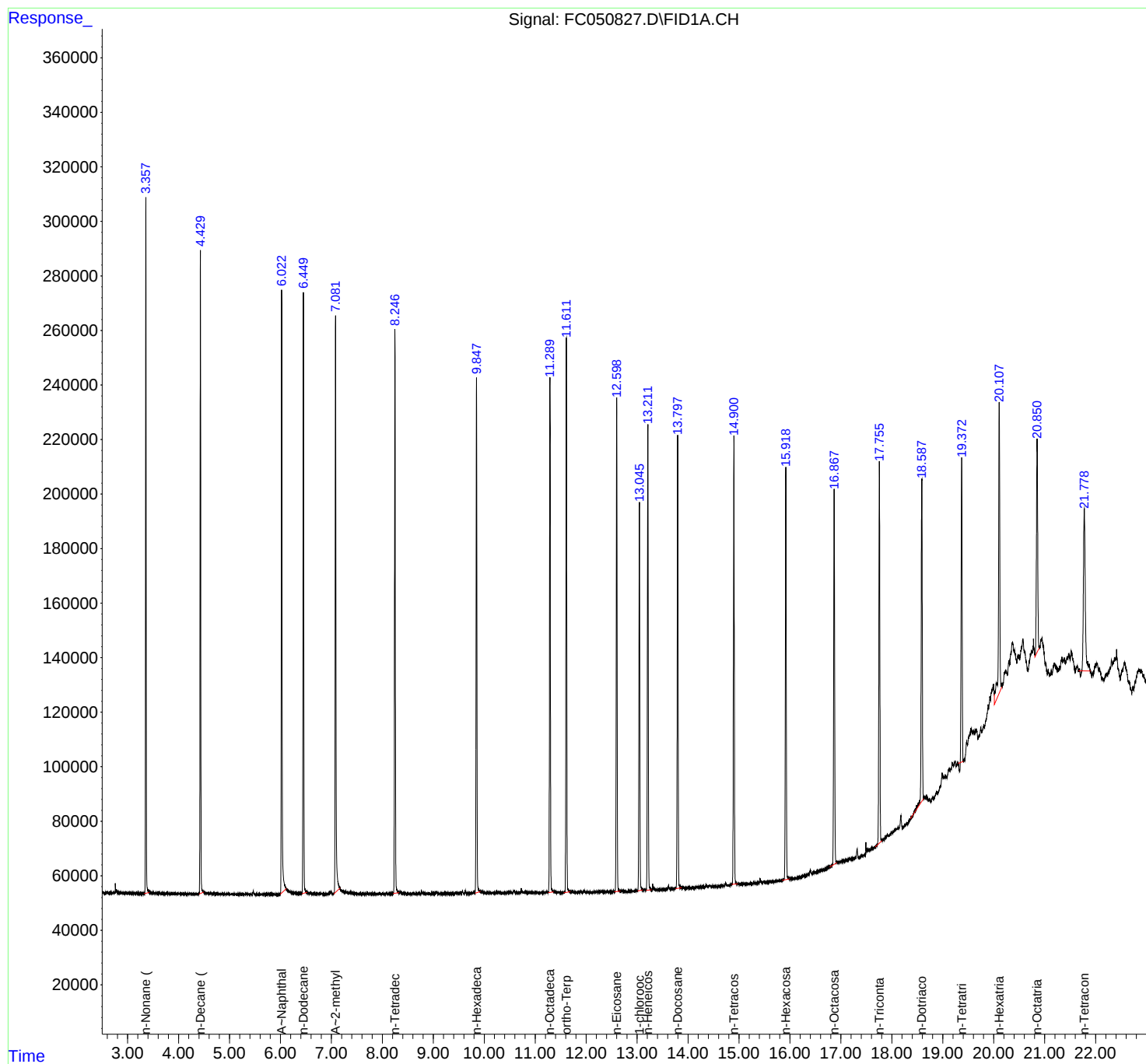
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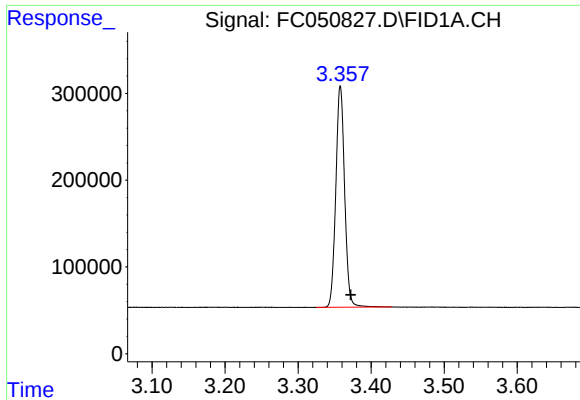
(m)=manual int.

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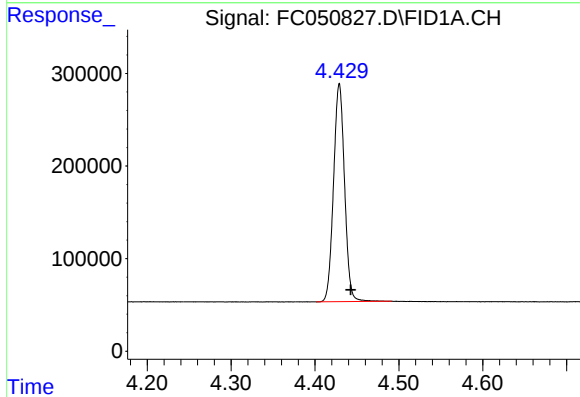
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





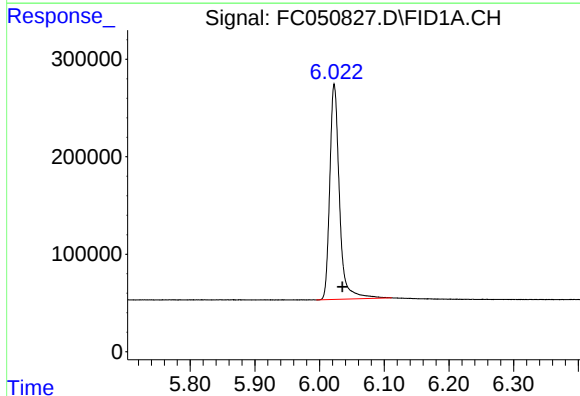
#1 n-Nonane (C9)

R.T.: 3.358 min
Delta R.T.: -0.014 min
Response: 2142210
Conc: 20.13 ug/ml



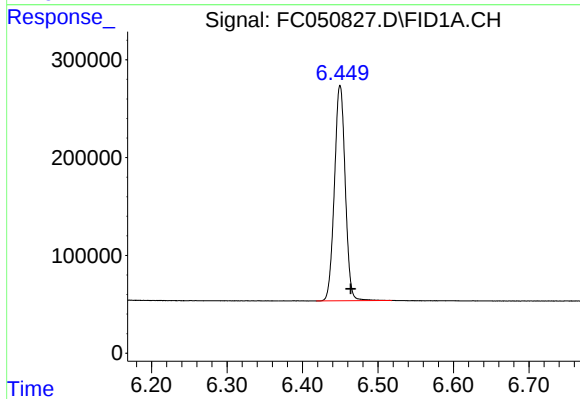
#2 n-Decane (C10)

R.T.: 4.429 min
Delta R.T.: -0.014 min
Response: 2151729
Conc: 20.23 ug/ml



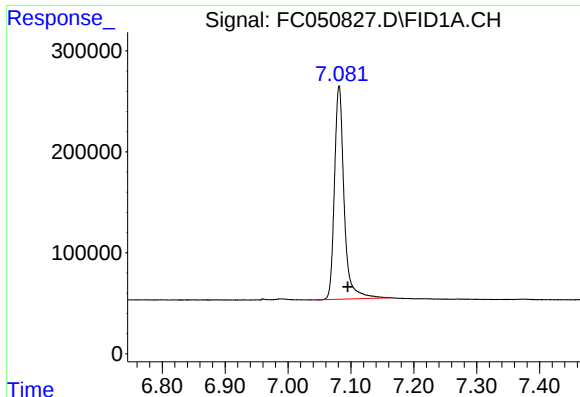
#3 A~Naphthalene (C11.7)

R.T.: 6.023 min
Delta R.T.: -0.012 min
Response: 2299593
Conc: 19.97 ug/ml



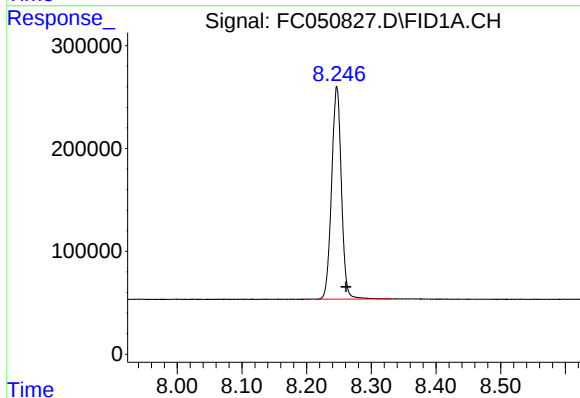
#4 n-Dodecane (C12)

R.T.: 6.450 min
Delta R.T.: -0.014 min
Response: 2192356
Conc: 20.22 ug/ml



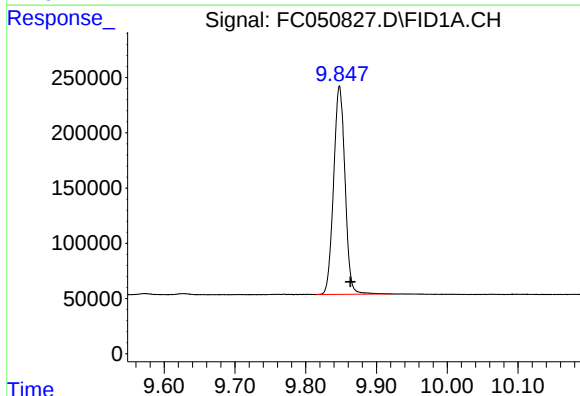
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.081 min
Delta R.T.: -0.014 min
Response: 2258680
Conc: 19.69 ug/ml



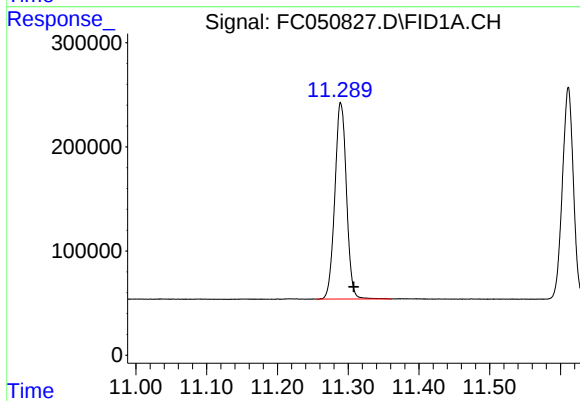
#6 n-Tetradecane (C14)

R.T.: 8.247 min
Delta R.T.: -0.014 min
Response: 2175160
Conc: 20.17 ug/ml



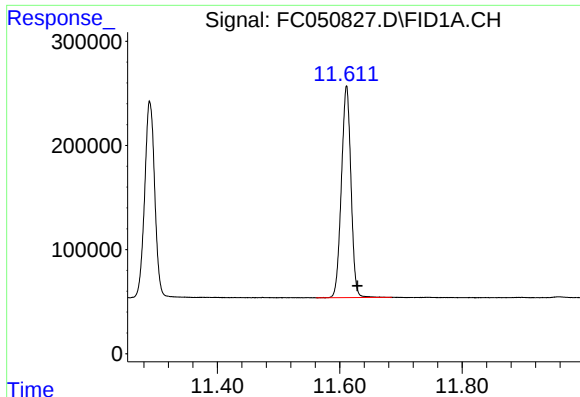
#7 n-Hexadecane (C16)

R.T.: 9.848 min
Delta R.T.: -0.015 min
Response: 2110178
Conc: 19.82 ug/ml



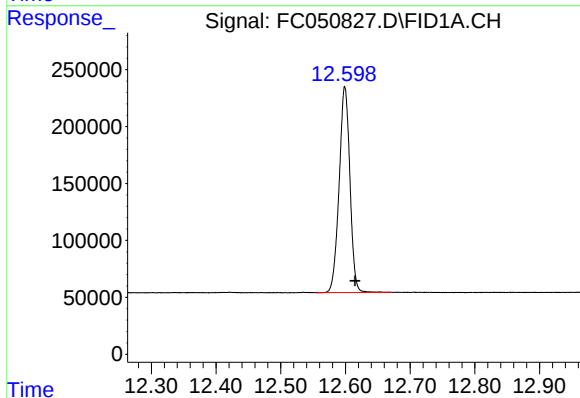
#8 n-Octadecane (C18)

R.T.: 11.290 min
Delta R.T.: -0.018 min
Response: 2151655
Conc: 19.13 ug/ml



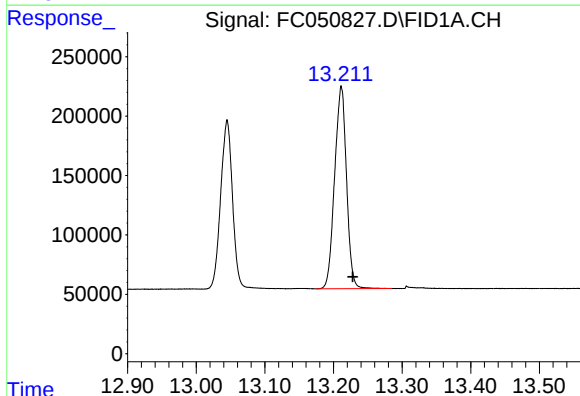
#9 ortho-Terphenyl (SURR)

R.T.: 11.611 min
Delta R.T.: -0.018 min
Response: 2202350
Conc: 17.93 ug/ml



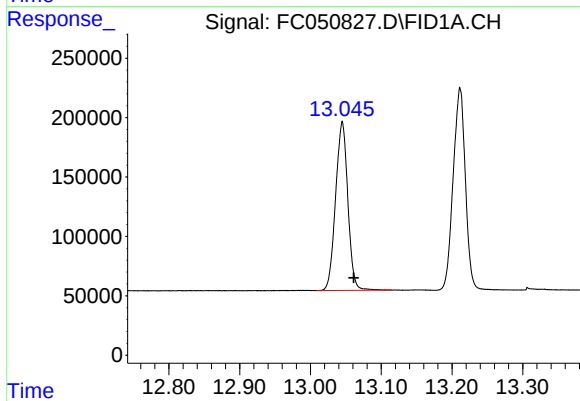
#10 n-Eicosane (C20)

R.T.: 12.599 min
Delta R.T.: -0.016 min
Response: 2093479
Conc: 18.34 ug/ml



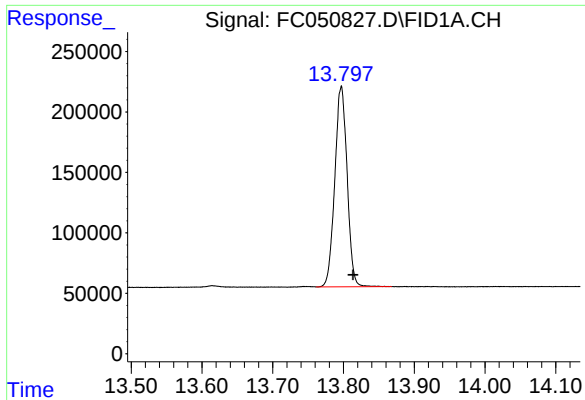
#11 n-Heneicosane (C21)

R.T.: 13.211 min
Delta R.T.: -0.017 min
Response: 2049495
Conc: 17.97 ug/ml



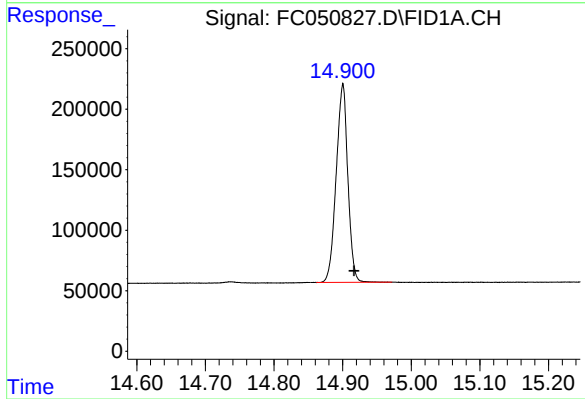
#12 1-chlorooctadecane (SURR)

R.T.: 13.045 min
Delta R.T.: -0.017 min
Response: 1705953
Conc: 17.67 ug/ml



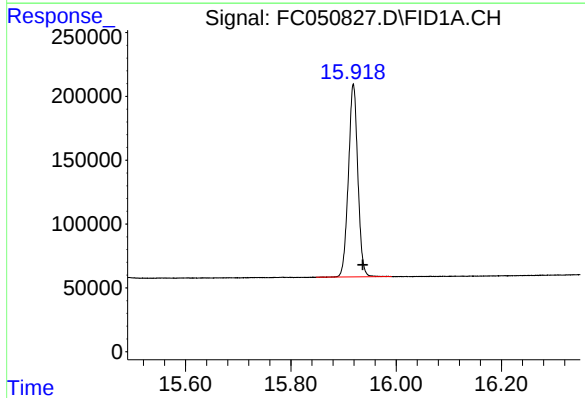
#13 n-Docosane (C22)

R.T.: 13.797 min
Delta R.T.: -0.017 min
Response: 2003116
Conc: 17.55 ug/ml



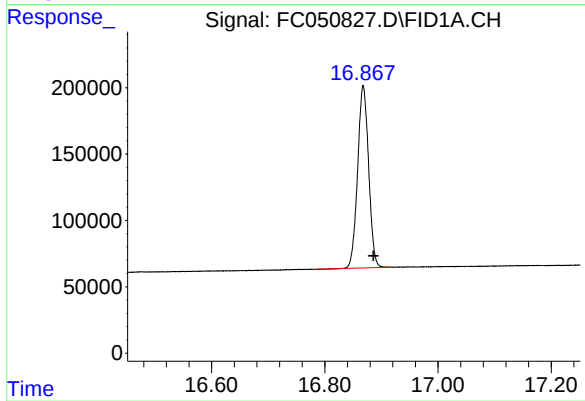
#14 n-Tetracosane (C24)

R.T.: 14.900 min
Delta R.T.: -0.017 min
Response: 1931668
Conc: 16.91 ug/ml



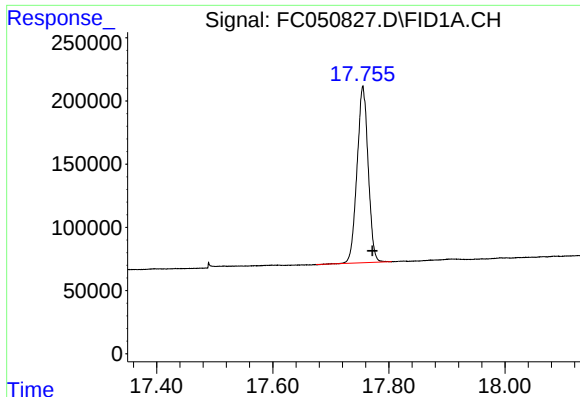
#15 n-Hexacosane (C26)

R.T.: 15.919 min
Delta R.T.: -0.018 min
Response: 1877121
Conc: 16.56 ug/ml



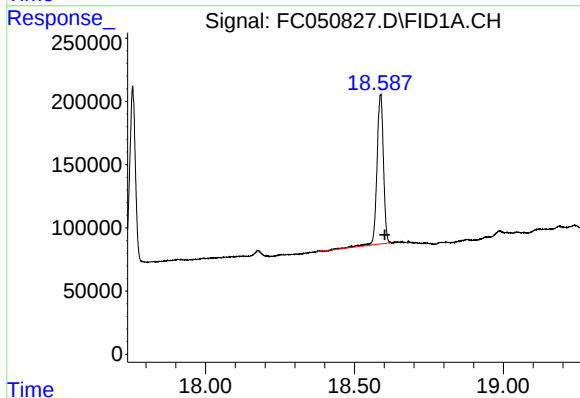
#16 n-Octacosane (C28)

R.T.: 16.868 min
Delta R.T.: -0.018 min
Response: 1850848
Conc: 16.31 ug/ml



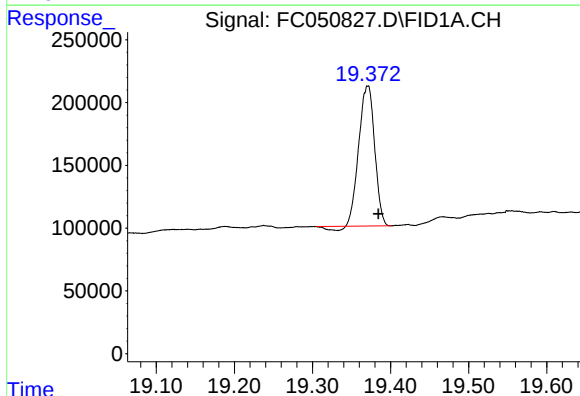
#17 n-Tricontane (C30)

R.T.: 17.755 min
Delta R.T.: -0.016 min
Response: 1855319
Conc: 16.69 ug/ml



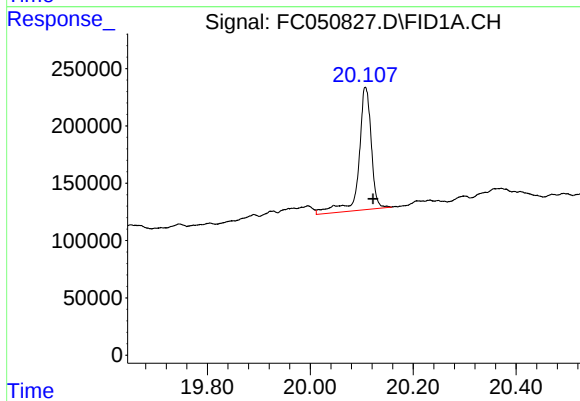
#18 n-Dotriacontane (C32)

R.T.: 18.587 min
Delta R.T.: -0.014 min
Response: 1788116
Conc: 17.33 ug/ml



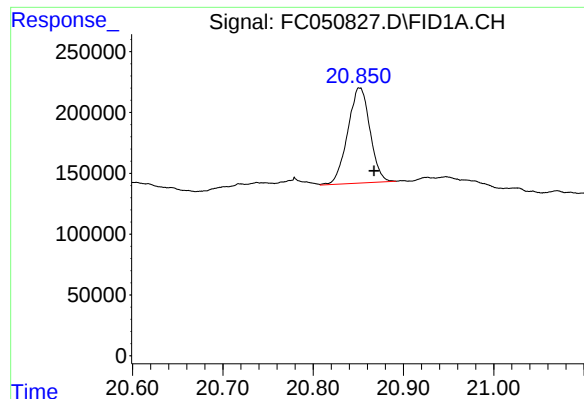
#19 n-Tetratriacontane (C34)

R.T.: 19.370 min
Delta R.T.: -0.014 min
Response: 1545188
Conc: 16.06 ug/ml



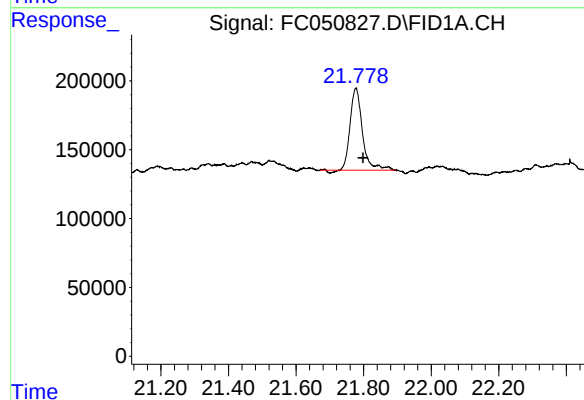
#20 n-Hexatriacontane (C36)

R.T.: 20.108 min
Delta R.T.: -0.014 min
Response: 1798733
Conc: 20.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.852 min
Delta R.T.: -0.016 min
Response: 1337483
Conc: 16.09 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.777 min
Delta R.T.: -0.022 min
Response: 1504960
Conc: 17.98 ug/ml