

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031720AL\
 Data File : FC046387.D
 Signal(s) : FID1A.CH
 Acq On : 18 Mar 2020 3:22
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 18 04:58:09 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)	11.754	2279703	19.984 ug/ml
Spiked Amount 50.000		Recovery =	39.97%
12) S 1-chlorooctadecane (S...	13.171	1764423	19.668 ug/ml
Spiked Amount 50.000		Recovery =	39.34%
Target Compounds			
1) T n-Nonane (C9)	3.537	2212028	21.944 ug/ml
2) T n-Decane (C10)	4.606	2265631	22.463 ug/ml
3) T A~Naphthalene (C11.7)	6.205	2346438	21.132 ug/ml
4) T n-Dodecane (C12)	6.615	2285623	22.404 ug/ml
5) T A~2-methylnaphthalene...	7.256	2340877	21.044 ug/ml
6) T n-Tetradecane (C14)	8.398	2249061	21.970 ug/ml
7) T n-Hexadecane (C16)	9.989	2221253	21.454 ug/ml
8) T n-Octadecane (C18)	11.422	2193977	20.871 ug/ml
10) T n-Eicosane (C20)	12.725	2147008	20.310 ug/ml
11) T n-Heneicosane (C21)	13.335	2130756	19.977 ug/ml
13) T n-Docosane (C22)	13.918	2117049	19.924 ug/ml
14) T n-Tetracosane (C24)	15.014	2092134	19.548 ug/ml
15) T n-Hexacosane (C26)	16.031	2101557	19.773 ug/ml
16) T n-Octacosane (C28)	16.976	2090680	19.969 ug/ml
17) T n-Tricontane (C30)	17.859	2029677	20.141 ug/ml
18) T n-Dotriacontane (C32)	18.686	1744209	20.380 ug/ml
19) T n-Tetratriacontane (C34)	19.466	1498657	20.649 ug/ml
20) T n-Hexatriacontane (C36)	20.201	1408189	20.822 ug/ml
21) T n-Octatriacontane (C38)	20.962	1359143	22.487 ug/ml
22) T n-Tetracontane (C40)	21.918	1431804	22.774 ug/ml

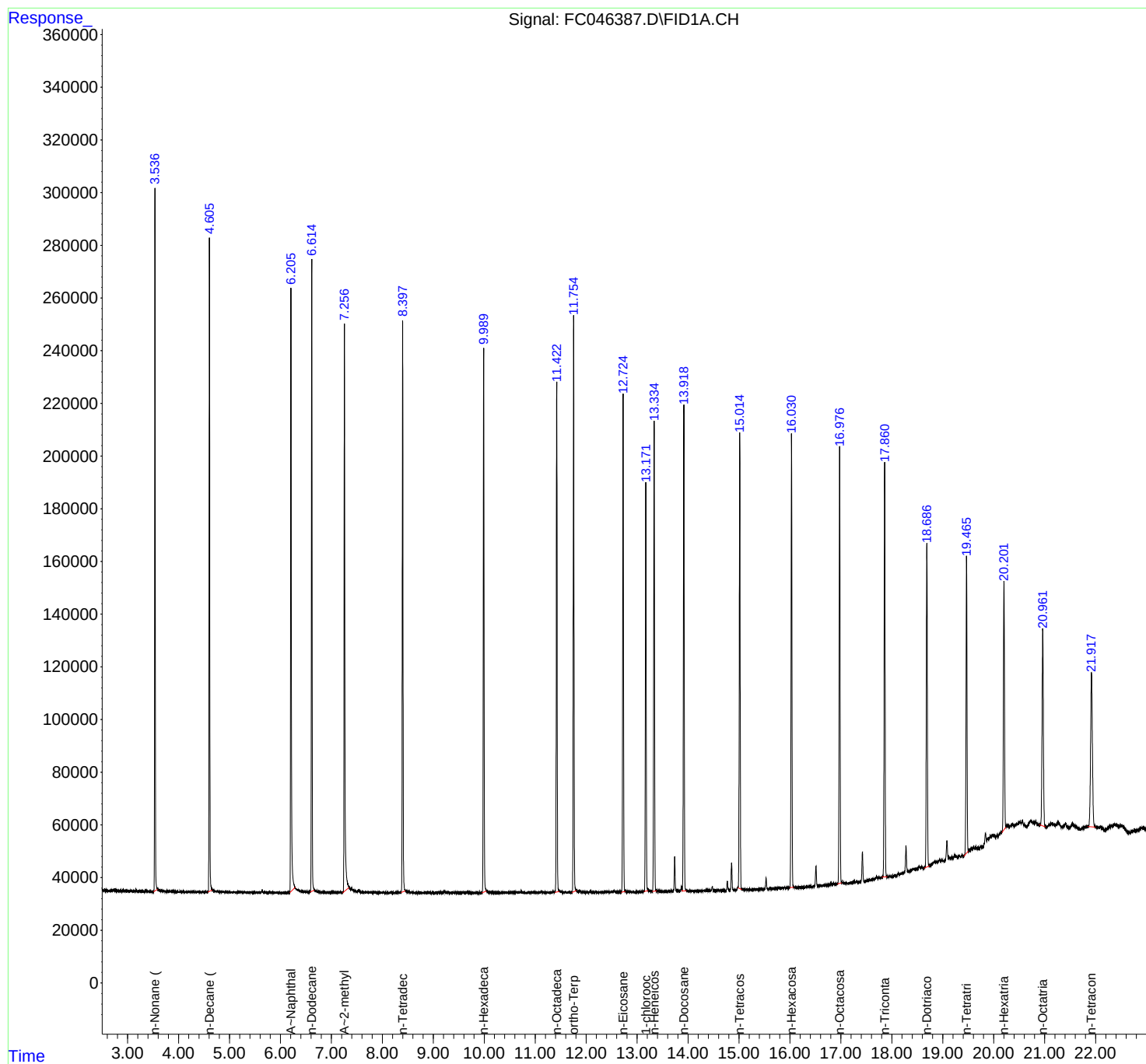
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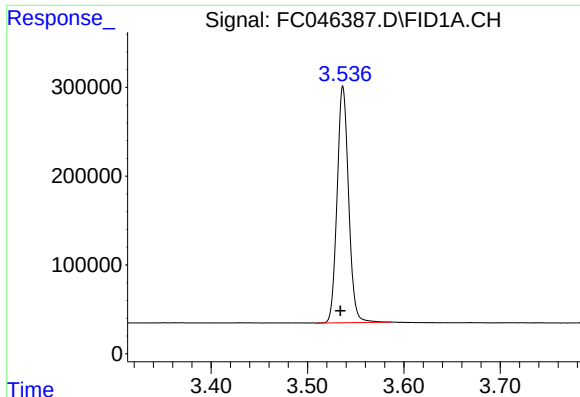
(m)=manual int.

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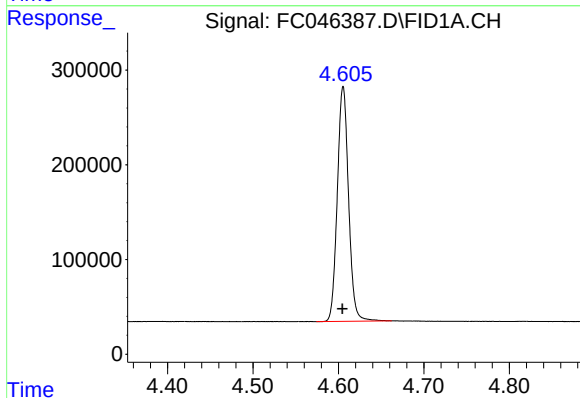
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





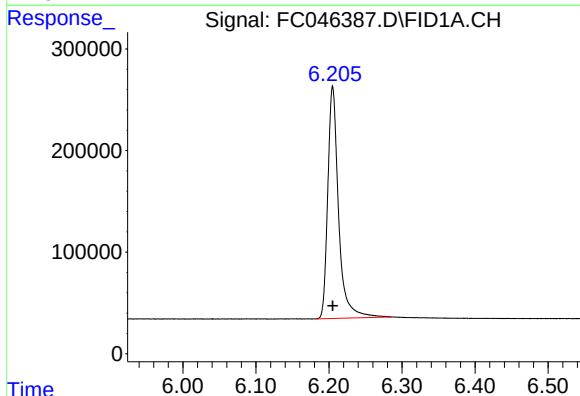
#1 n-Nonane (C9)

R.T.: 3.537 min
Delta R.T.: 0.003 min
Response: 2212028
Conc: 21.94 ug/ml



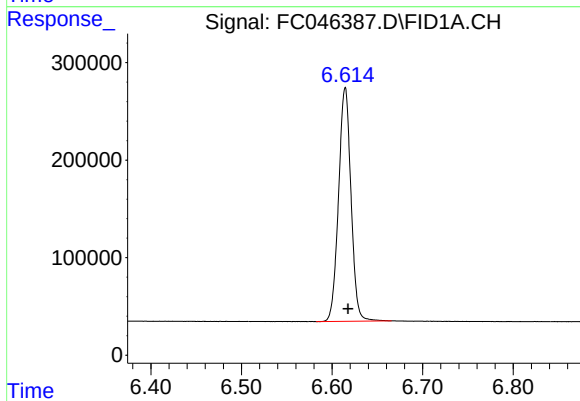
#2 n-Decane (C10)

R.T.: 4.606 min
Delta R.T.: 0.000 min
Response: 2265631
Conc: 22.46 ug/ml



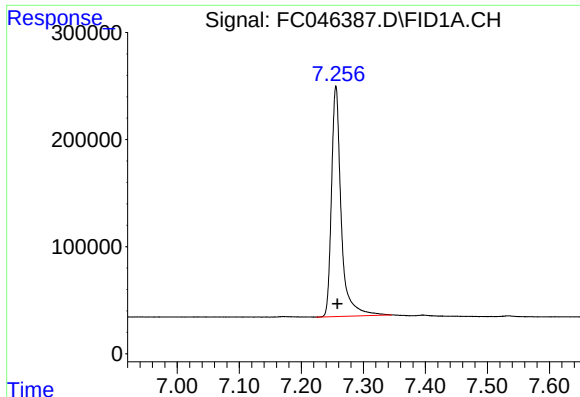
#3 A~Naphthalene (C11.7)

R.T.: 6.205 min
Delta R.T.: 0.000 min
Response: 2346438
Conc: 21.13 ug/ml



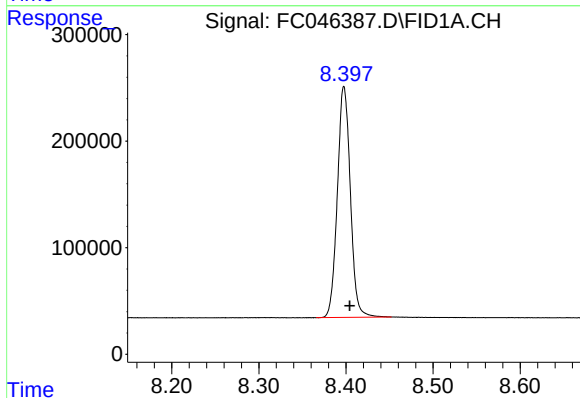
#4 n-Dodecane (C12)

R.T.: 6.615 min
Delta R.T.: -0.003 min
Response: 2285623
Conc: 22.40 ug/ml



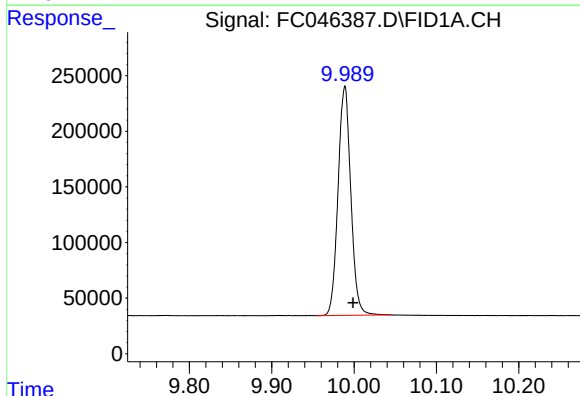
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.256 min
Delta R.T.: -0.003 min
Response: 2340877
Conc: 21.04 ug/ml



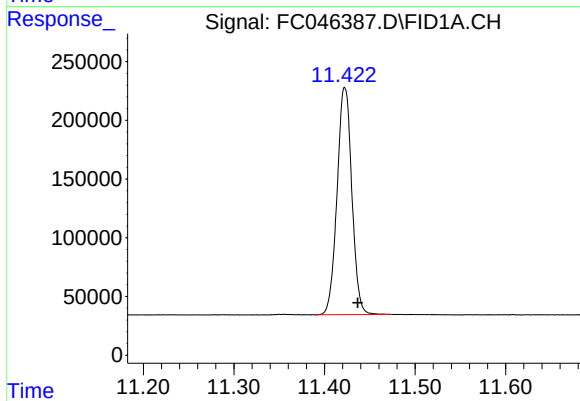
#6 n-Tetradecane (C14)

R.T.: 8.398 min
Delta R.T.: -0.007 min
Response: 2249061
Conc: 21.97 ug/ml



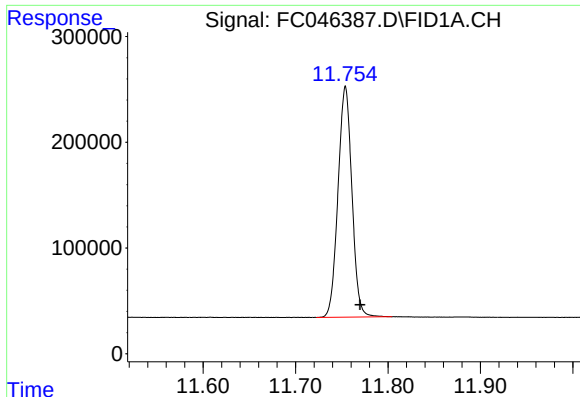
#7 n-Hexadecane (C16)

R.T.: 9.989 min
Delta R.T.: -0.010 min
Response: 2221253
Conc: 21.45 ug/ml



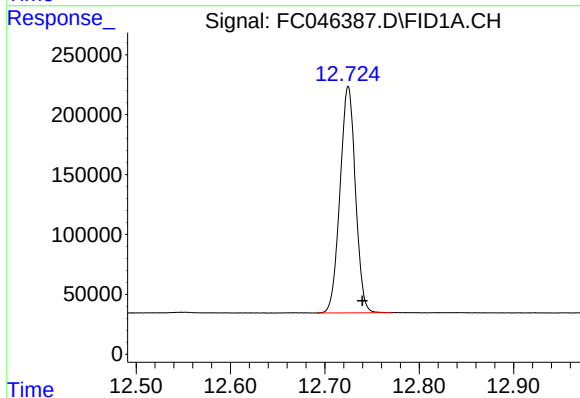
#8 n-Octadecane (C18)

R.T.: 11.422 min
Delta R.T.: -0.014 min
Response: 2193977
Conc: 20.87 ug/ml



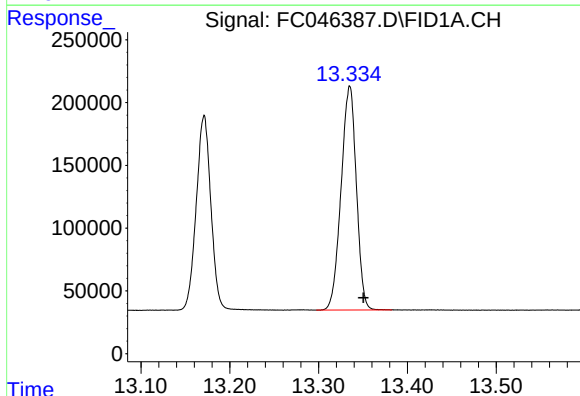
#9 ortho-Terphenyl (SURR)

R.T.: 11.754 min
Delta R.T.: -0.016 min
Response: 2279703
Conc: 19.98 ug/ml



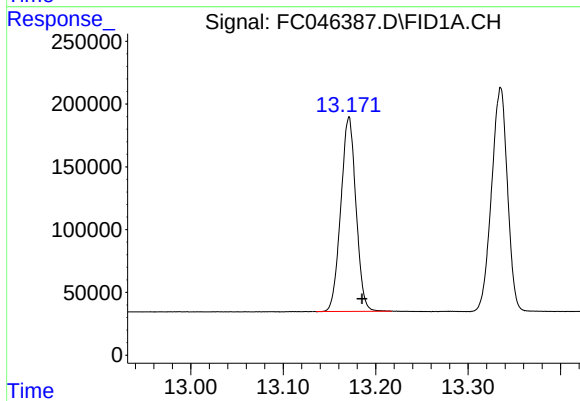
#10 n-Eicosane (C20)

R.T.: 12.725 min
Delta R.T.: -0.015 min
Response: 2147008
Conc: 20.31 ug/ml



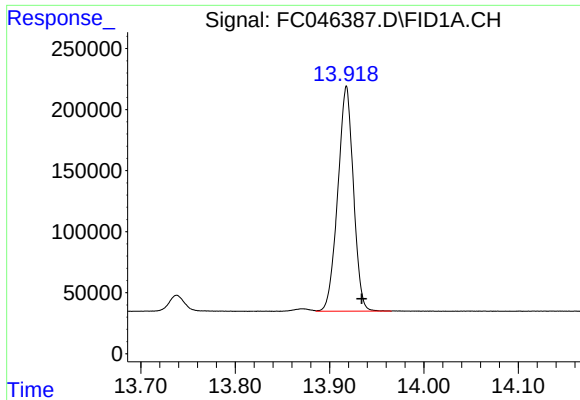
#11 n-Heneicosane (C21)

R.T.: 13.335 min
Delta R.T.: -0.015 min
Response: 2130756
Conc: 19.98 ug/ml



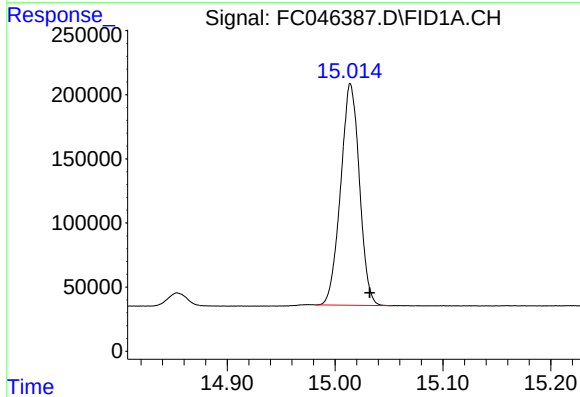
#12 1-chlorooctadecane (SURR)

R.T.: 13.171 min
Delta R.T.: -0.014 min
Response: 1764423
Conc: 19.67 ug/ml



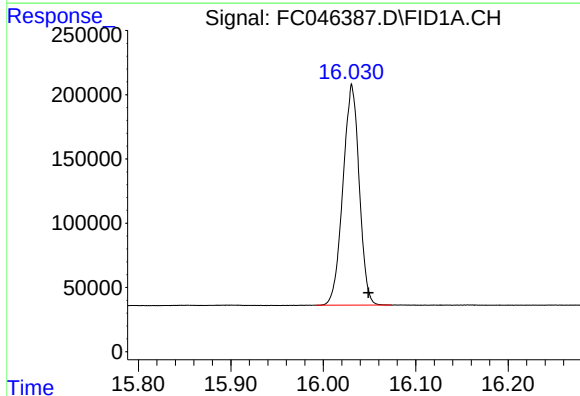
#13 n-Docosane (C22)

R.T.: 13.918 min
Delta R.T.: -0.016 min
Response: 2117049
Conc: 19.92 ug/ml



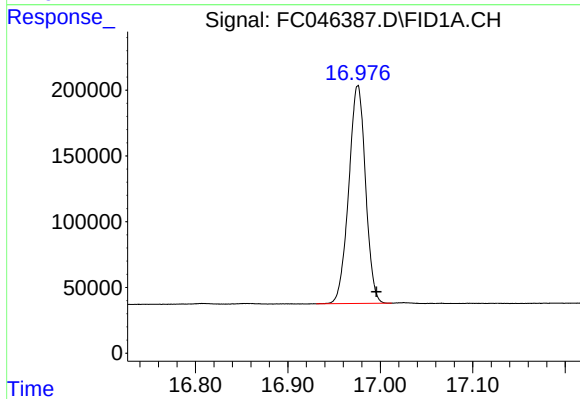
#14 n-Tetracosane (C24)

R.T.: 15.014 min
Delta R.T.: -0.018 min
Response: 2092134
Conc: 19.55 ug/ml



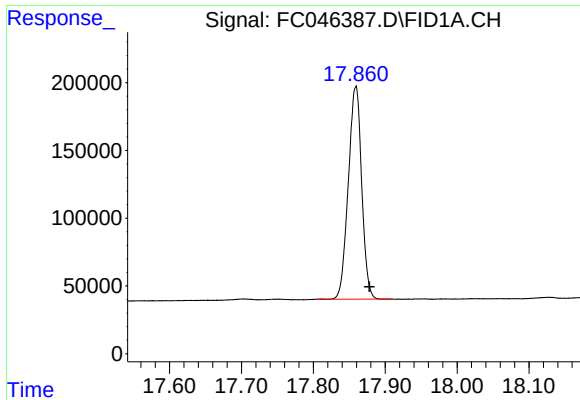
#15 n-Hexacosane (C26)

R.T.: 16.031 min
Delta R.T.: -0.018 min
Response: 2101557
Conc: 19.77 ug/ml



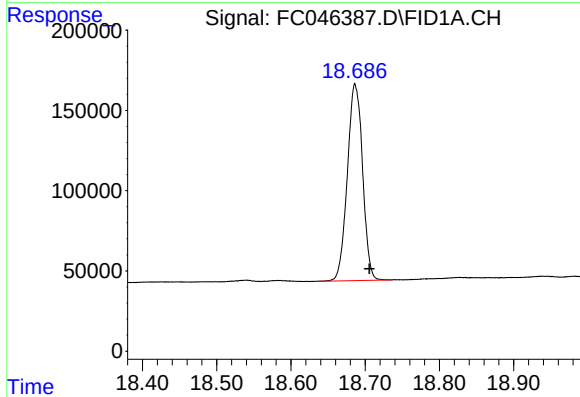
#16 n-Octacosane (C28)

R.T.: 16.976 min
Delta R.T.: -0.020 min
Response: 2090680
Conc: 19.97 ug/ml



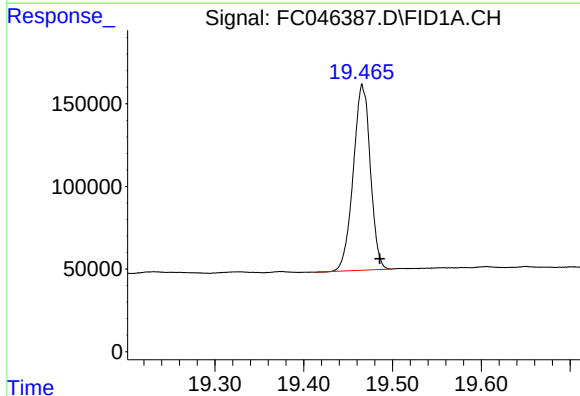
#17 n-Tricontane (C30)

R.T.: 17.859 min
Delta R.T.: -0.019 min
Response: 2029677
Conc: 20.14 ug/ml



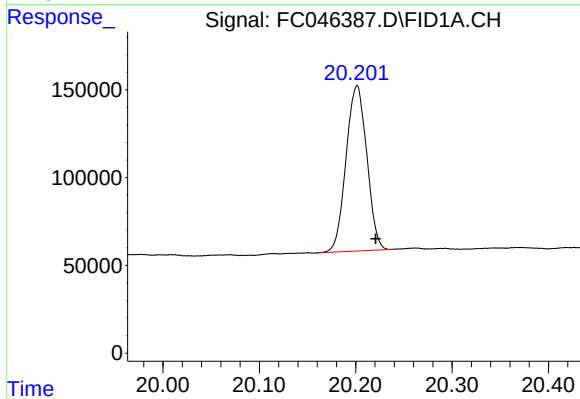
#18 n-Dotriacontane (C32)

R.T.: 18.686 min
Delta R.T.: -0.019 min
Response: 1744209
Conc: 20.38 ug/ml



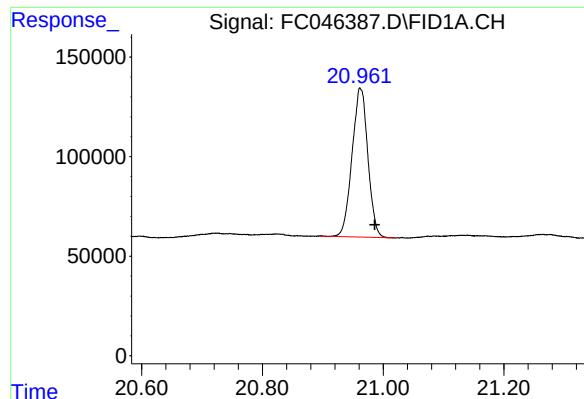
#19 n-Tetratriacontane (C34)

R.T.: 19.466 min
Delta R.T.: -0.019 min
Response: 1498657
Conc: 20.65 ug/ml



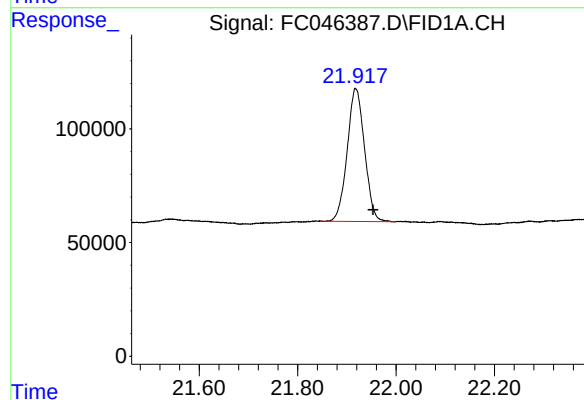
#20 n-Hexatriacontane (C36)

R.T.: 20.201 min
Delta R.T.: -0.019 min
Response: 1408189
Conc: 20.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.962 min
Delta R.T.: -0.024 min
Response: 1359143
Conc: 22.49 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.918 min
Delta R.T.: -0.035 min
Response: 1431804
Conc: 22.77 ug/ml