

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100219AL\
 Data File : FC043729.D
 Signal(s) : FID1A.CH
 Acq On : 02 Oct 2019 8:54
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 02 13:24:02 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 092519.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 26 10:57:53 2019
 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)	11.581	2952458	19.452 ug/ml
Spiked Amount 50.000		Recovery =	38.90%
12) S 1-chlorooctadecane (S...	13.002	2269391	19.141 ug/ml
Spiked Amount 50.000		Recovery =	38.28%
Target Compounds			
1) T n-Nonane (C9)	3.431	2493810	20.626 ug/ml
2) T n-Decane (C10)	4.484	2528386	20.889 ug/ml
3) T A~Naphthalene (C11.7)	6.062	2472209	20.998 ug/ml
4) T n-Dodecane (C12)	6.475	2662470	21.050 ug/ml
5) T A~2-methylnaphthalene...	7.107	2535666	21.042 ug/ml
6) T n-Tetradecane (C14)	8.249	2694546	20.933 ug/ml
7) T n-Hexadecane (C16)	9.833	2736049	20.779 ug/ml
8) T n-Octadecane (C18)	11.262	2757497	20.217 ug/ml
10) T n-Eicosane (C20)	12.559	2743289	19.655 ug/ml
11) T n-Heneicosane (C21)	13.167	2740798	19.286 ug/ml
13) T n-Docosane (C22)	13.749	2688572	18.922 ug/ml
14) T n-Tetracosane (C24)	14.844	2618720	18.241 ug/ml
15) T n-Hexacosane (C26)	15.857	2520492	17.626 ug/ml
16) T n-Octacosane (C28)	16.800	2397050	16.910 ug/ml
17) T n-Tricontane (C30)	17.681	2311853	16.484 ug/ml
18) T n-Dotriacontane (C32)	18.508	2174217	16.368 ug/ml
19) T n-Tetratriacontane (C34)	19.287	2087820	16.710 ug/ml
20) T n-Hexatriacontane (C36)	20.024	1846076	15.972 ug/ml
21) T n-Octatriacontane (C38)	20.747	1907648	17.924 ug/ml
22) T n-Tetracontane (C40)	21.631	1954590	18.694 ug/ml

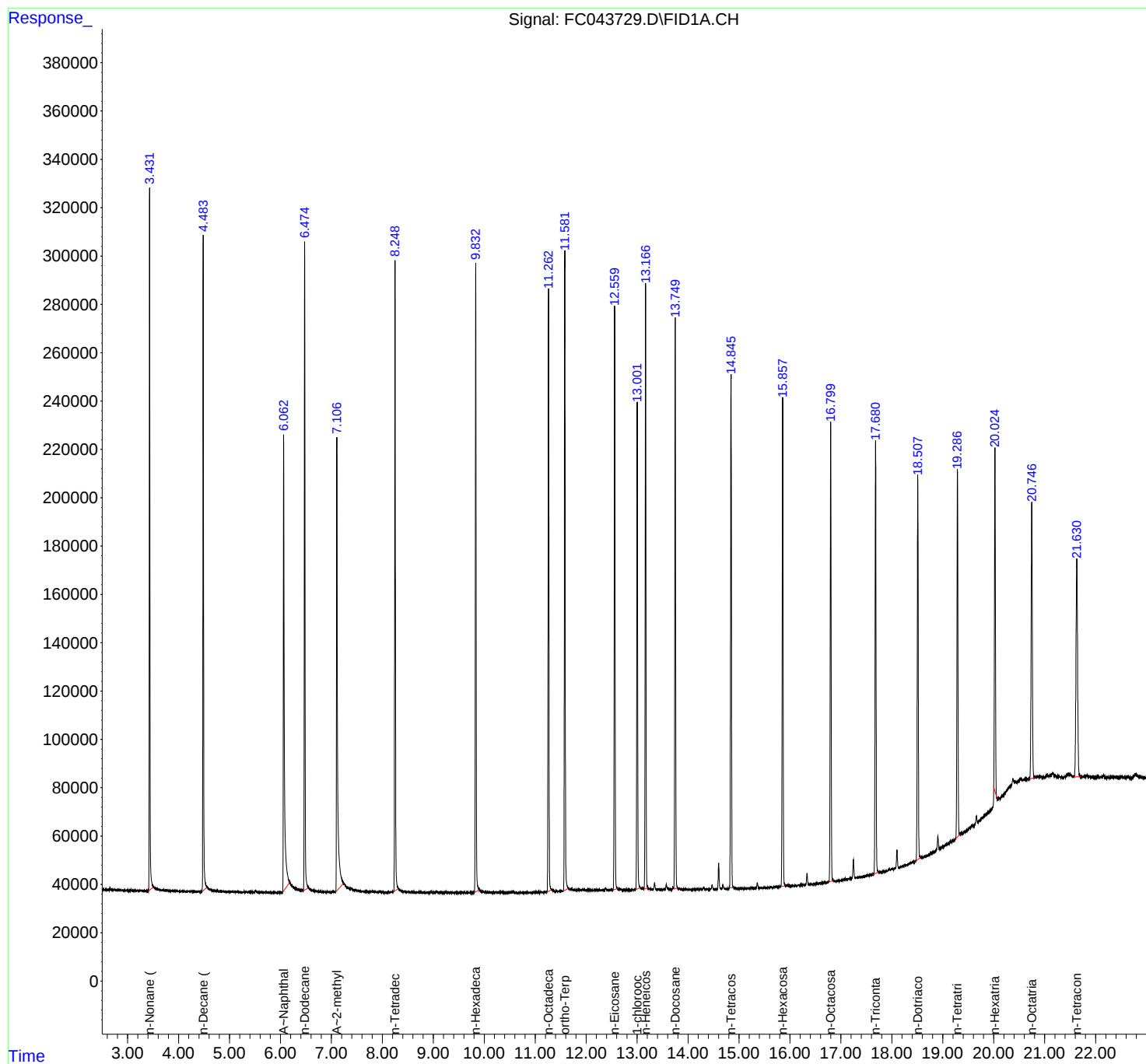
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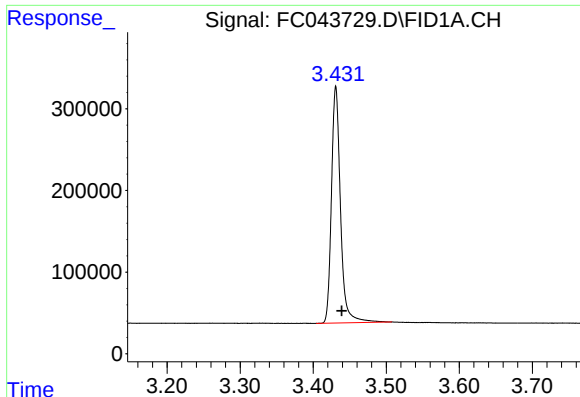
(m)=manual int.

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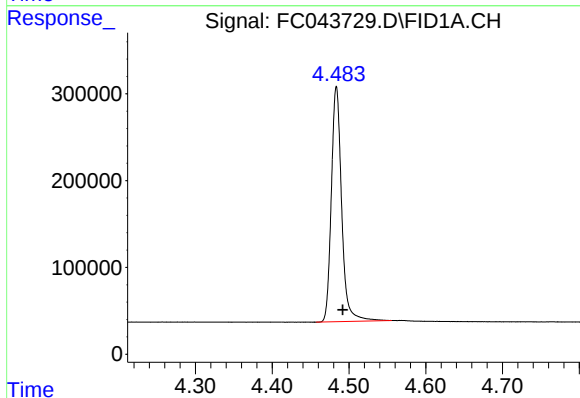
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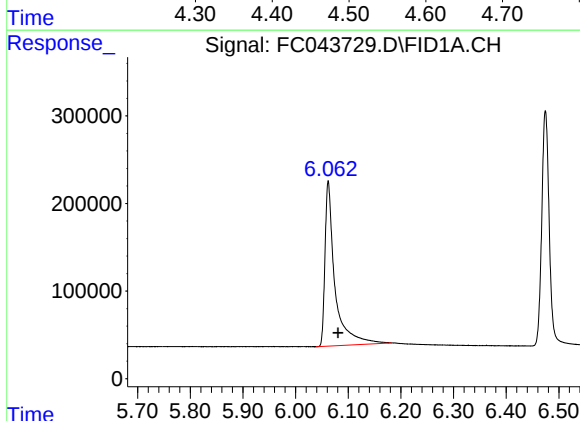
#1 n-Nonane (C9)

R.T.: 3.431 min
Delta R.T.: -0.008 min
Response: 2493810
Conc: 20.63 ug/ml



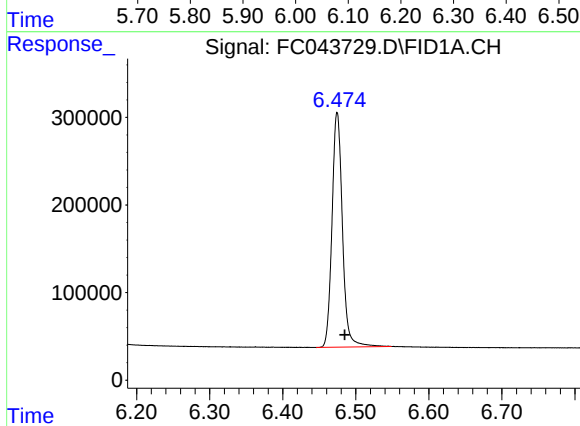
#2 n-Decane (C10)

R.T.: 4.484 min
Delta R.T.: -0.008 min
Response: 2528386
Conc: 20.89 ug/ml



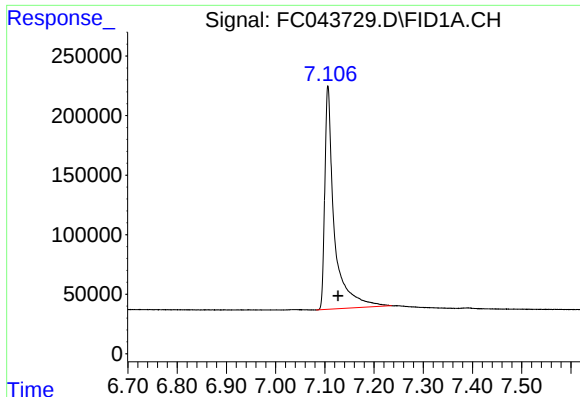
#3 A~Naphthalene (C11.7)

R.T.: 6.062 min
Delta R.T.: -0.018 min
Response: 2472209
Conc: 21.00 ug/ml



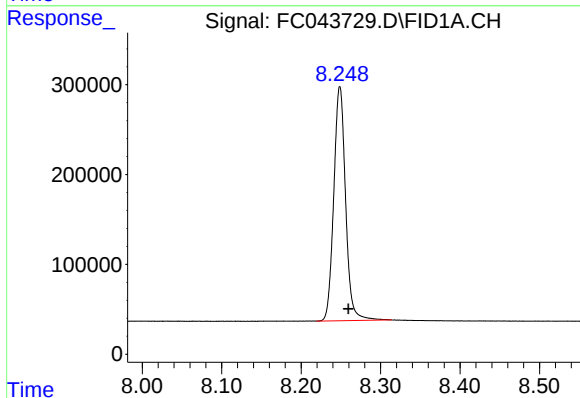
#4 n-Dodecane (C12)

R.T.: 6.475 min
Delta R.T.: -0.010 min
Response: 2662470
Conc: 21.05 ug/ml



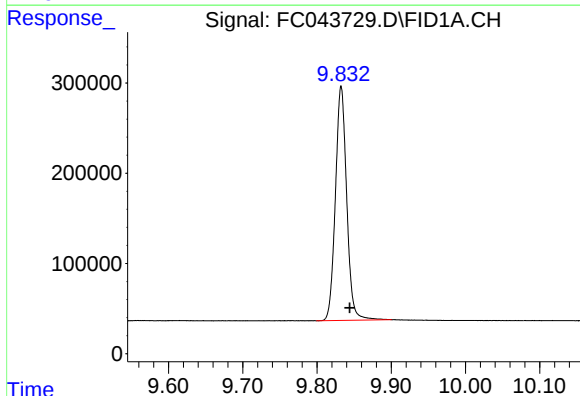
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.107 min
Delta R.T.: -0.021 min
Response: 2535666
Conc: 21.04 ug/ml



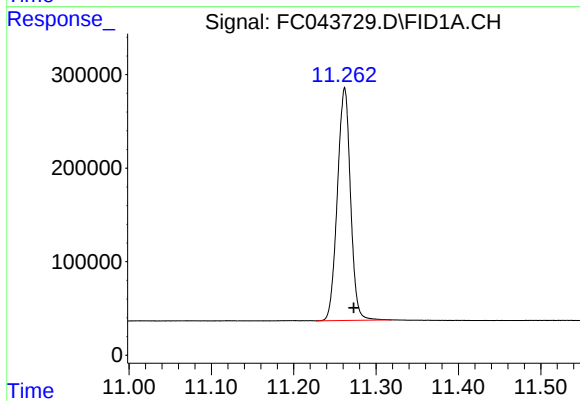
#6 n-Tetradecane (C14)

R.T.: 8.249 min
Delta R.T.: -0.011 min
Response: 2694546
Conc: 20.93 ug/ml



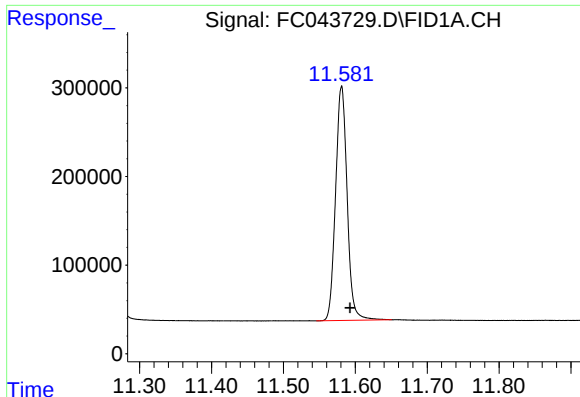
#7 n-Hexadecane (C16)

R.T.: 9.833 min
Delta R.T.: -0.011 min
Response: 2736049
Conc: 20.78 ug/ml



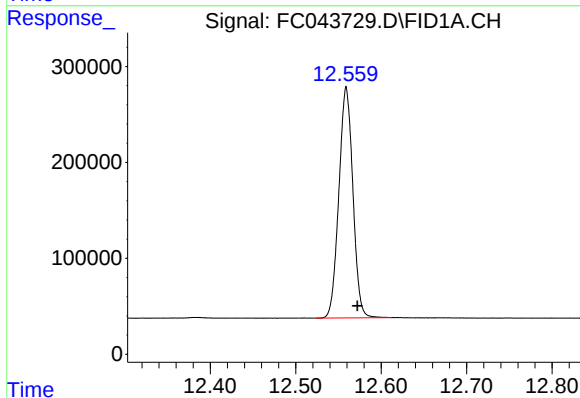
#8 n-Octadecane (C18)

R.T.: 11.262 min
Delta R.T.: -0.011 min
Response: 2757497
Conc: 20.22 ug/ml



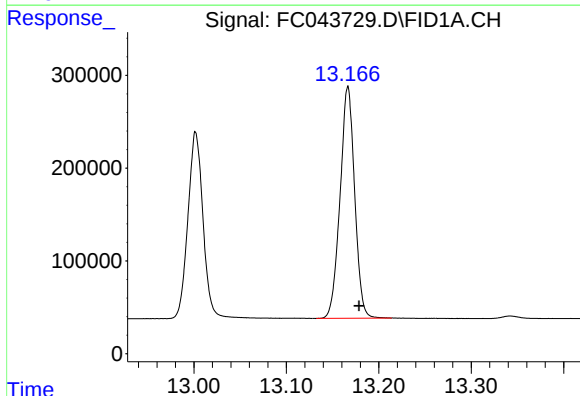
#9 ortho-Terphenyl (SURR)

R.T.: 11.581 min
Delta R.T.: -0.012 min
Response: 2952458
Conc: 19.45 ug/ml



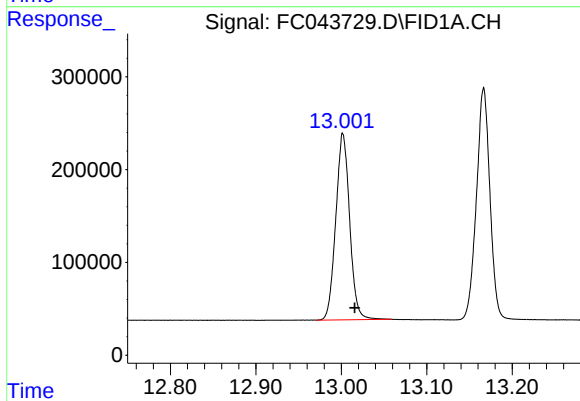
#10 n-Eicosane (C20)

R.T.: 12.559 min
Delta R.T.: -0.013 min
Response: 2743289
Conc: 19.65 ug/ml



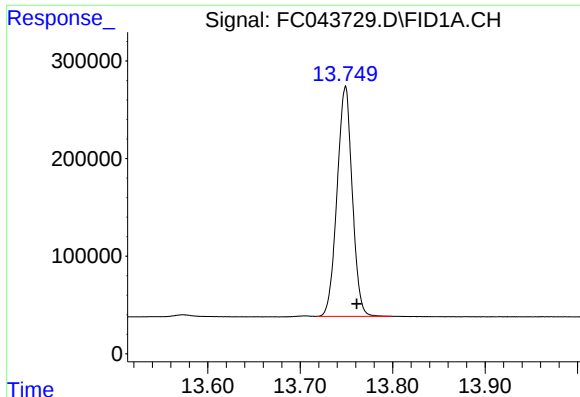
#11 n-Heneicosane (C21)

R.T.: 13.167 min
Delta R.T.: -0.012 min
Response: 2740798
Conc: 19.29 ug/ml



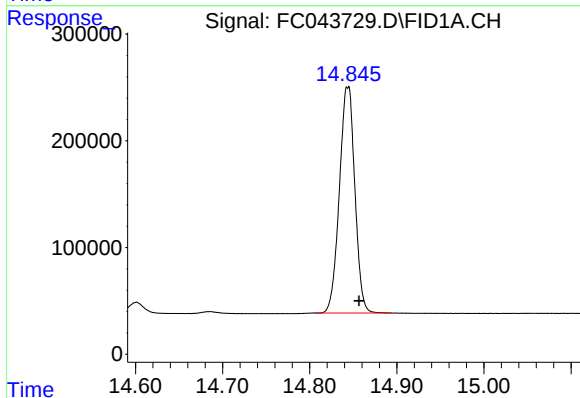
#12 1-chlorooctadecane (SURR)

R.T.: 13.002 min
Delta R.T.: -0.014 min
Response: 2269391
Conc: 19.14 ug/ml



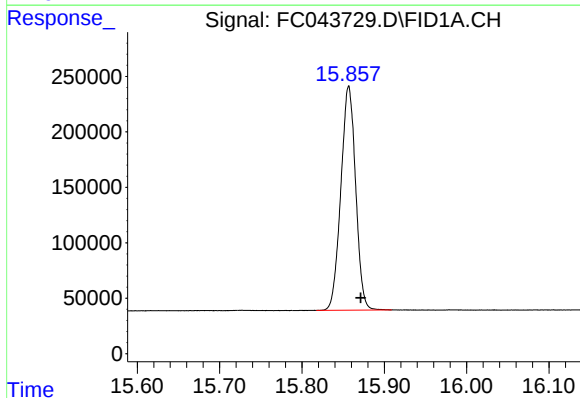
#13 n-Docosane (C22)

R.T.: 13.749 min
Delta R.T.: -0.012 min
Response: 2688572
Conc: 18.92 ug/ml



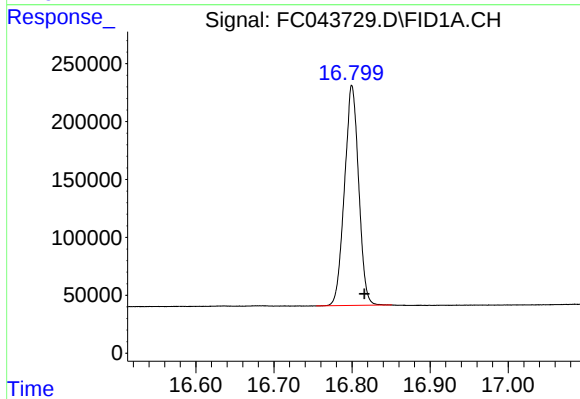
#14 n-Tetracosane (C24)

R.T.: 14.844 min
Delta R.T.: -0.013 min
Response: 2618720
Conc: 18.24 ug/ml



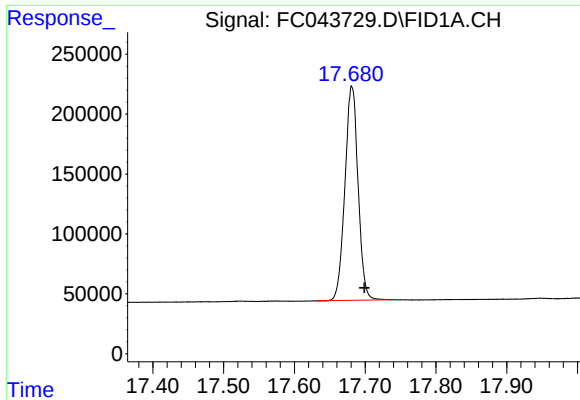
#15 n-Hexacosane (C26)

R.T.: 15.857 min
Delta R.T.: -0.015 min
Response: 2520492
Conc: 17.63 ug/ml



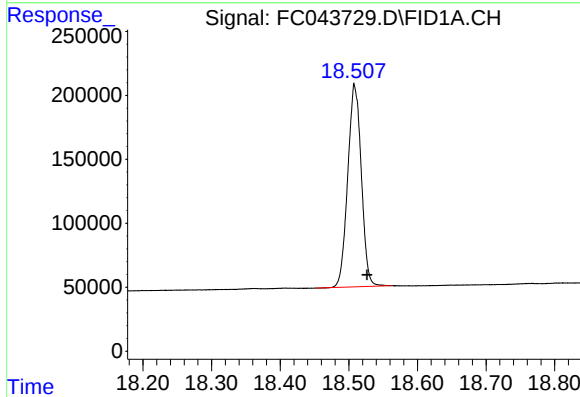
#16 n-Octacosane (C28)

R.T.: 16.800 min
Delta R.T.: -0.016 min
Response: 2397050
Conc: 16.91 ug/ml



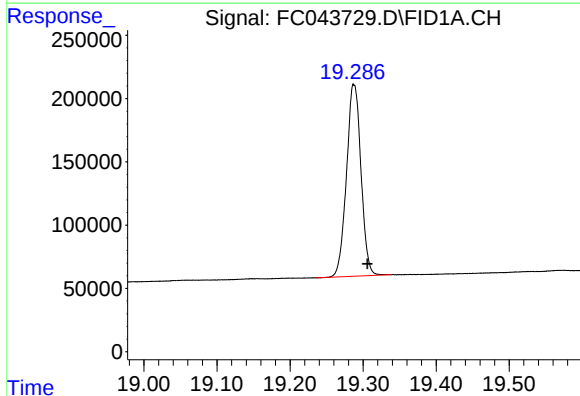
#17 n-Tricontane (C30)

R.T.: 17.681 min
Delta R.T.: -0.017 min
Response: 2311853
Conc: 16.48 ug/ml



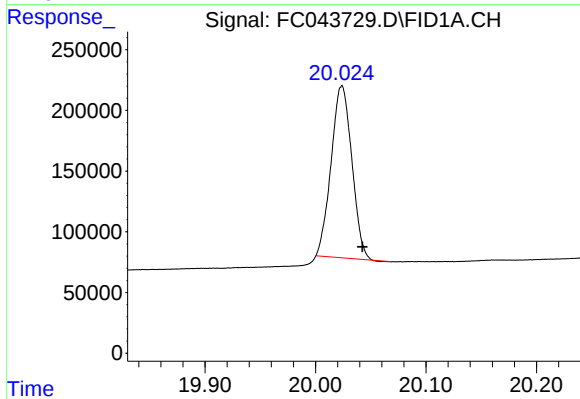
#18 n-Dotriacontane (C32)

R.T.: 18.508 min
Delta R.T.: -0.019 min
Response: 2174217
Conc: 16.37 ug/ml



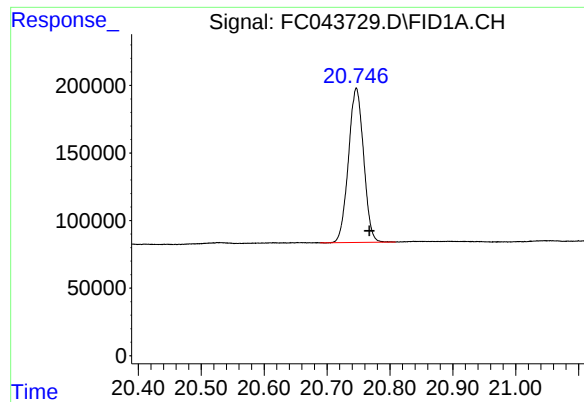
#19 n-Tetratriacontane (C34)

R.T.: 19.287 min
Delta R.T.: -0.018 min
Response: 2087820
Conc: 16.71 ug/ml



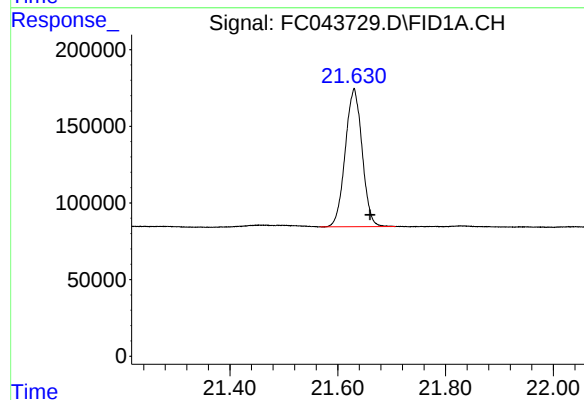
#20 n-Hexatriacontane (C36)

R.T.: 20.024 min
Delta R.T.: -0.019 min
Response: 1846076
Conc: 15.97 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.747 min
Delta R.T.: -0.021 min
Response: 1907648
Conc: 17.92 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.631 min
Delta R.T.: -0.030 min
Response: 1954590
Conc: 18.69 ug/ml