

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031920AL\
 Data File : FC046429.D
 Signal(s) : FID1A.CH
 Acq On : 20 Mar 2020 4:53
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 20 06:52:11 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)	11.755	2264360	19.849 ug/ml
Spiked Amount 50.000		Recovery =	39.70%
12) S 1-chlorooctadecane (S...	13.171	1744178	19.443 ug/ml
Spiked Amount 50.000		Recovery =	38.89%
Target Compounds			
1) T n-Nonane (C9)	3.538	2146925	21.298 ug/ml
2) T n-Decane (C10)	4.606	2207952	21.891 ug/ml
3) T A~Naphthalene (C11.7)	6.206	2291555	20.638 ug/ml
4) T n-Dodecane (C12)	6.614	2247312	22.028 ug/ml
5) T A~2-methylnaphthalene...	7.257	2289338	20.581 ug/ml
6) T n-Tetradecane (C14)	8.398	2221327	21.700 ug/ml
7) T n-Hexadecane (C16)	9.989	2198625	21.235 ug/ml
8) T n-Octadecane (C18)	11.423	2174696	20.687 ug/ml
10) T n-Eicosane (C20)	12.725	2133499	20.182 ug/ml
11) T n-Heneicosane (C21)	13.335	2117864	19.856 ug/ml
13) T n-Docosane (C22)	13.919	2103916	19.800 ug/ml
14) T n-Tetracosane (C24)	15.015	2110809	19.722 ug/ml
15) T n-Hexacosane (C26)	16.031	2093289	19.695 ug/ml
16) T n-Octacosane (C28)	16.977	2092172	19.983 ug/ml
17) T n-Tricontane (C30)	17.859	2058731	20.430 ug/ml
18) T n-Dotriacontane (C32)	18.687	1779494	20.792 ug/ml
19) T n-Tetratriacontane (C34)	19.466	1522084	20.971 ug/ml
20) T n-Hexatriacontane (C36)	20.203	1419395	20.988 ug/ml
21) T n-Octatriacontane (C38)	20.964	1351469	22.360 ug/ml
22) T n-Tetracontane (C40)	21.920	1386342	22.051 ug/ml

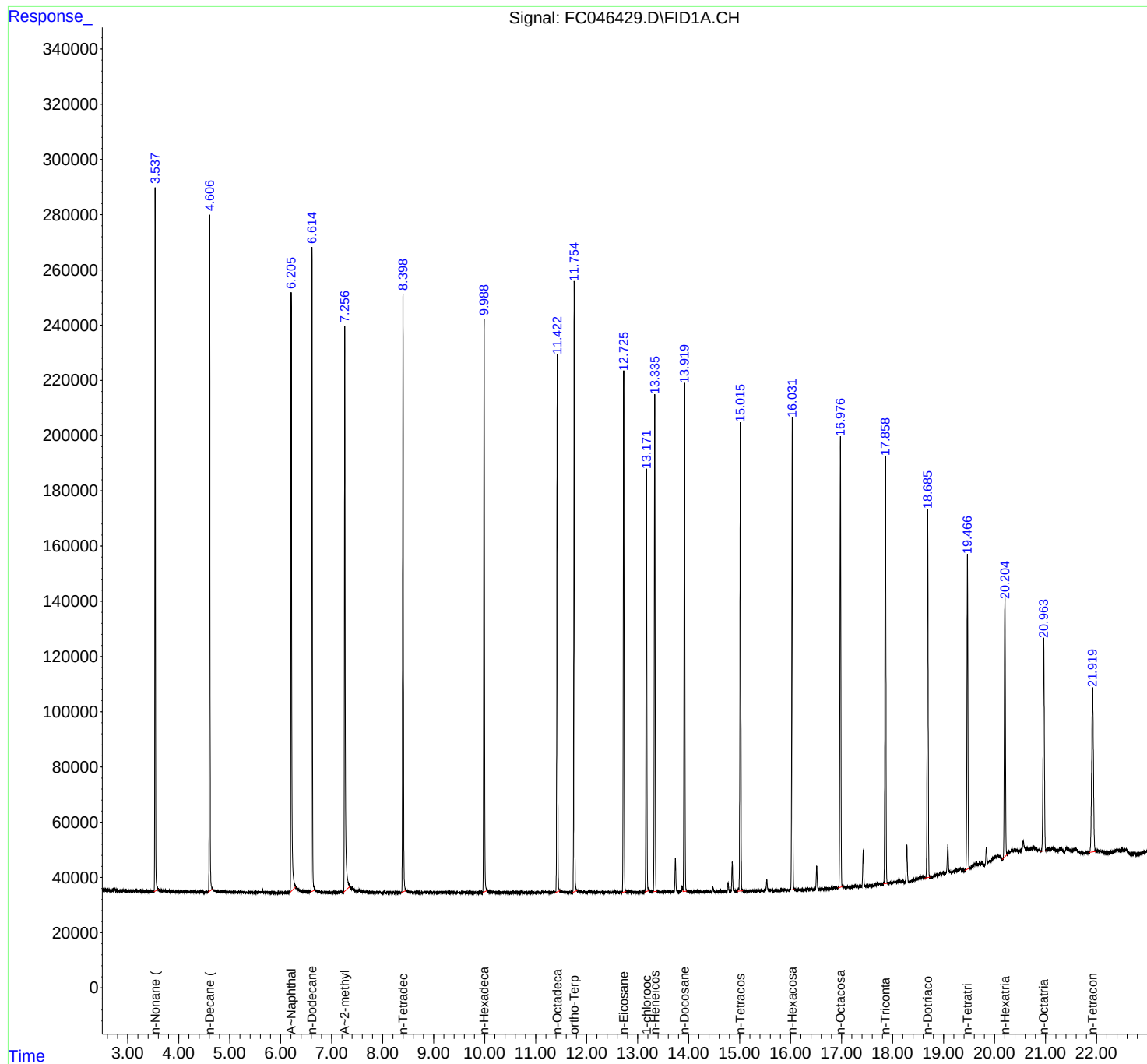
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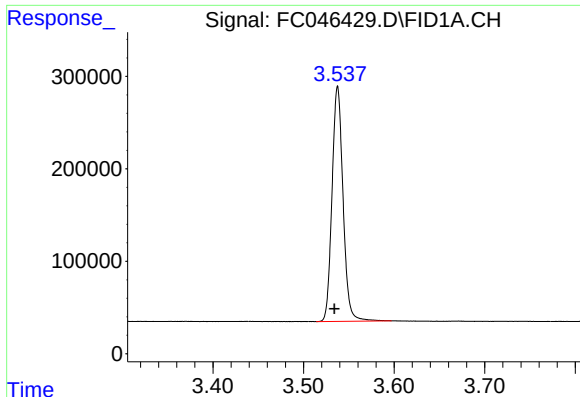
(m)=manual int.

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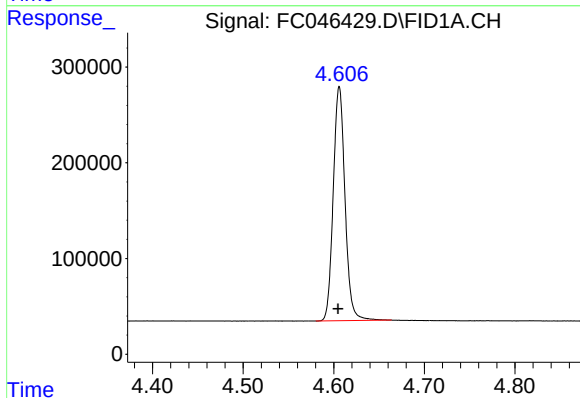
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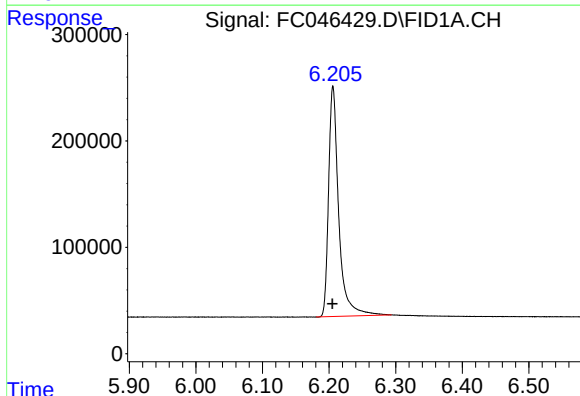
#1 n-Nonane (C9)

R.T.: 3.538 min
Delta R.T.: 0.004 min
Response: 2146925
Conc: 21.30 ug/ml



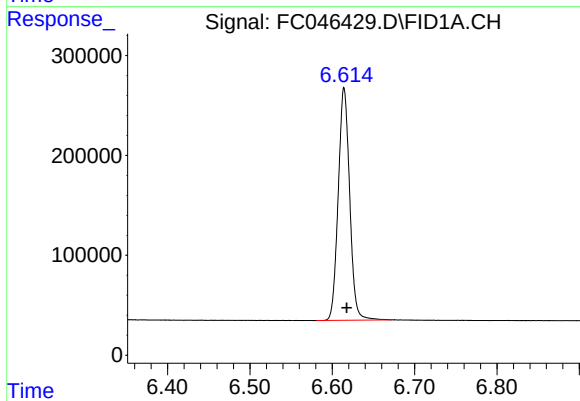
#2 n-Decane (C10)

R.T.: 4.606 min
Delta R.T.: 0.001 min
Response: 2207952
Conc: 21.89 ug/ml



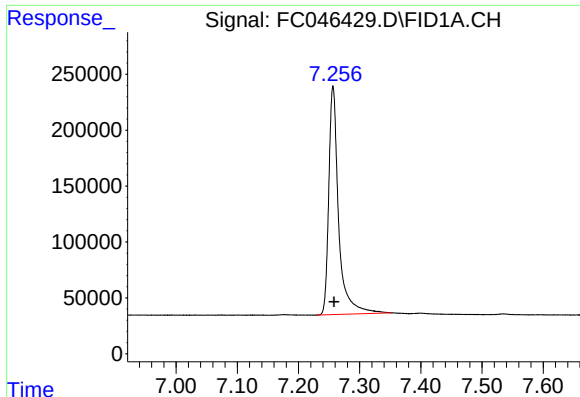
#3 A~Naphthalene (C11.7)

R.T.: 6.206 min
Delta R.T.: 0.000 min
Response: 2291555
Conc: 20.64 ug/ml



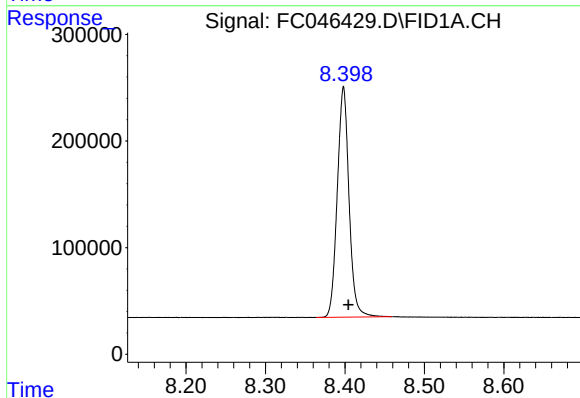
#4 n-Dodecane (C12)

R.T.: 6.614 min
Delta R.T.: -0.003 min
Response: 2247312
Conc: 22.03 ug/ml



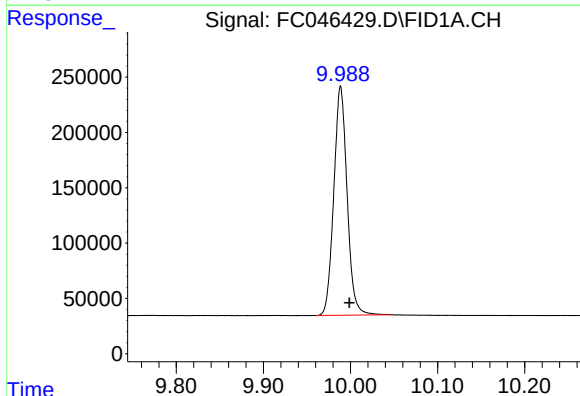
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.257 min
Delta R.T.: -0.002 min
Response: 2289338
Conc: 20.58 ug/ml



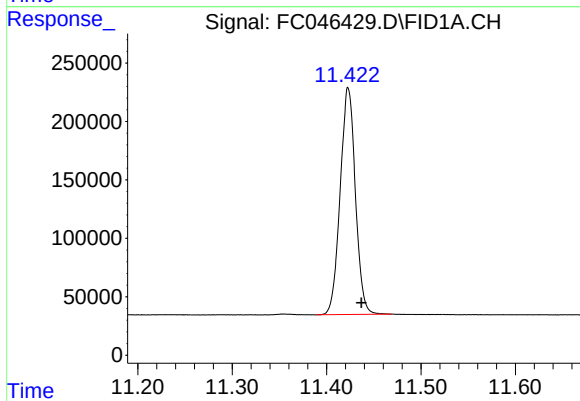
#6 n-Tetradecane (C14)

R.T.: 8.398 min
Delta R.T.: -0.006 min
Response: 2221327
Conc: 21.70 ug/ml



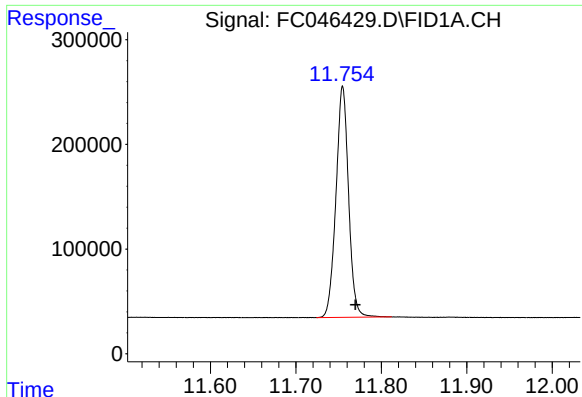
#7 n-Hexadecane (C16)

R.T.: 9.989 min
Delta R.T.: -0.010 min
Response: 2198625
Conc: 21.24 ug/ml



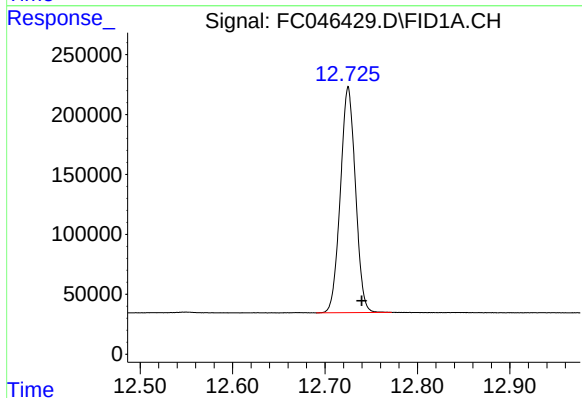
#8 n-Octadecane (C18)

R.T.: 11.423 min
Delta R.T.: -0.014 min
Response: 2174696
Conc: 20.69 ug/ml



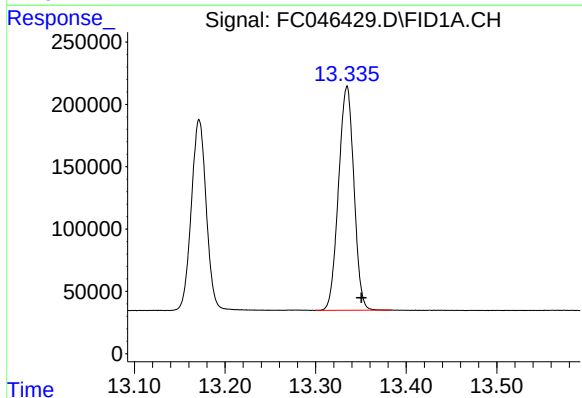
#9 ortho-Terphenyl (SURR)

R.T.: 11.755 min
Delta R.T.: -0.015 min
Response: 2264360
Conc: 19.85 ug/ml



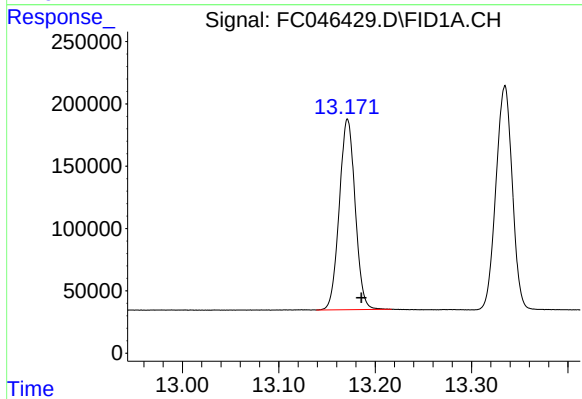
#10 n-Eicosane (C20)

R.T.: 12.725 min
Delta R.T.: -0.015 min
Response: 2133499
Conc: 20.18 ug/ml



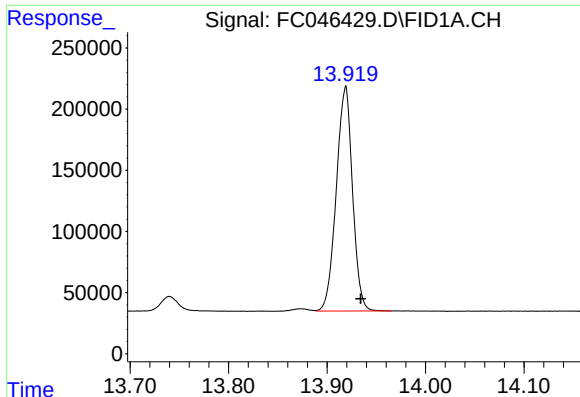
#11 n-Heneicosane (C21)

R.T.: 13.335 min
Delta R.T.: -0.016 min
Response: 2117864
Conc: 19.86 ug/ml



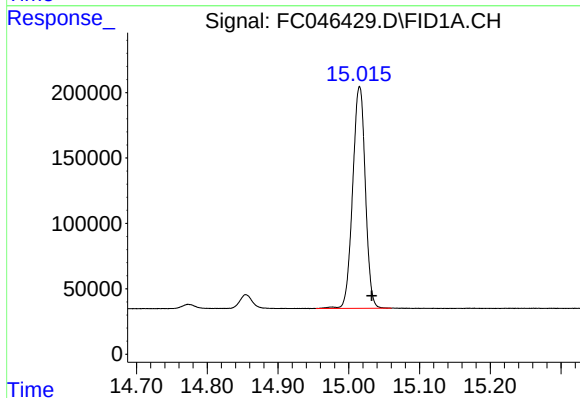
#12 1-chlorooctadecane (SURR)

R.T.: 13.171 min
Delta R.T.: -0.014 min
Response: 1744178
Conc: 19.44 ug/ml



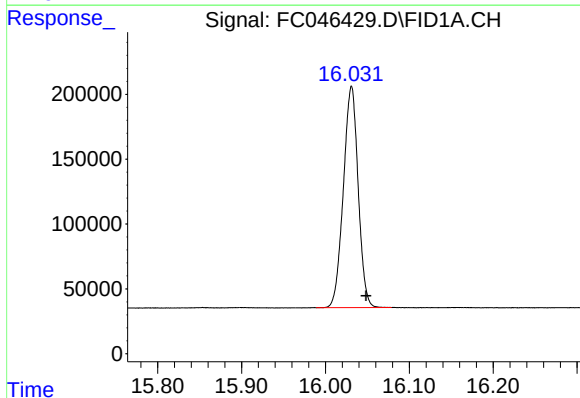
#13 n-Docosane (C22)

R.T.: 13.919 min
Delta R.T.: -0.015 min
Response: 2103916
Conc: 19.80 ug/ml



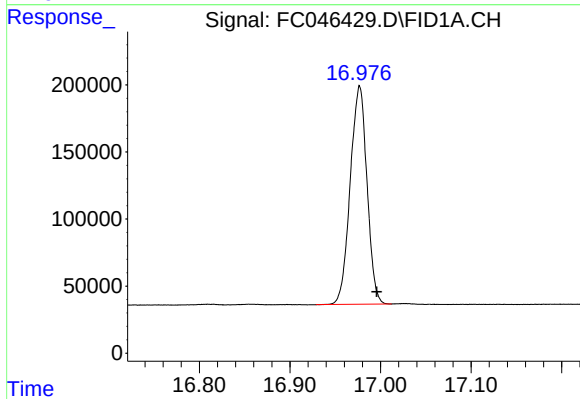
#14 n-Tetracosane (C24)

R.T.: 15.015 min
Delta R.T.: -0.017 min
Response: 2110809
Conc: 19.72 ug/ml



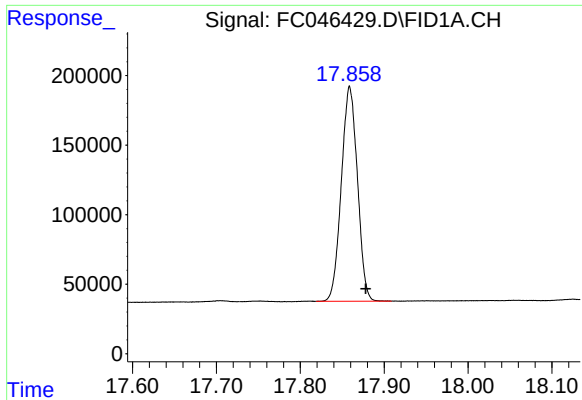
#15 n-Hexacosane (C26)

R.T.: 16.031 min
Delta R.T.: -0.017 min
Response: 2093289
Conc: 19.70 ug/ml



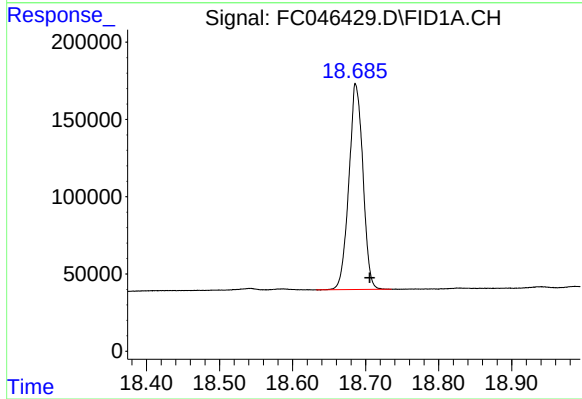
#16 n-Octacosane (C28)

R.T.: 16.977 min
Delta R.T.: -0.019 min
Response: 2092172
Conc: 19.98 ug/ml



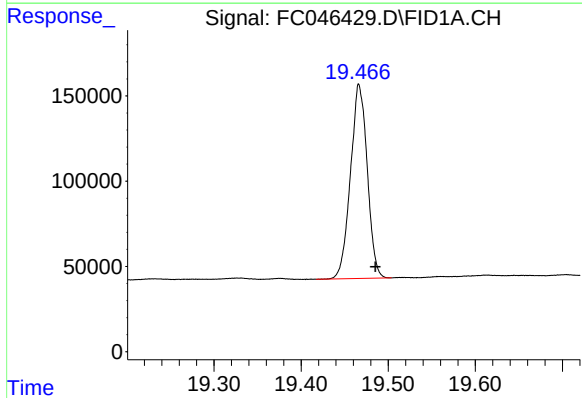
#17 n-Tricontane (C30)

R.T.: 17.859 min
Delta R.T.: -0.019 min
Response: 2058731
Conc: 20.43 ug/ml



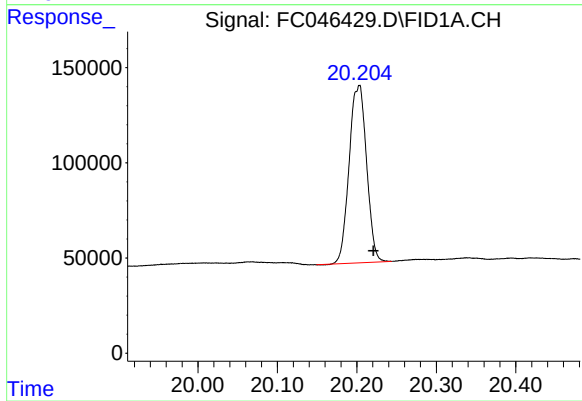
#18 n-Dotriacontane (C32)

R.T.: 18.687 min
Delta R.T.: -0.019 min
Response: 1779494
Conc: 20.79 ug/ml



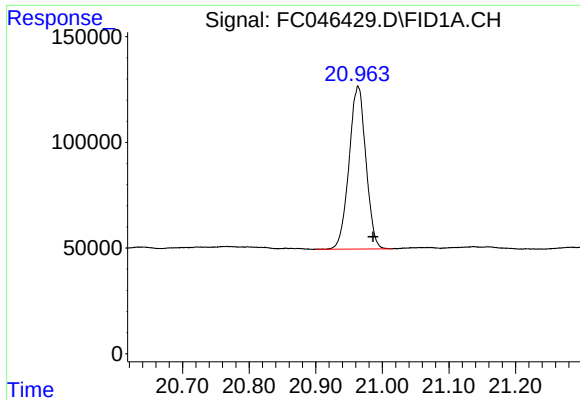
#19 n-Tetratriacontane (C34)

R.T.: 19.466 min
Delta R.T.: -0.019 min
Response: 1522084
Conc: 20.97 ug/ml



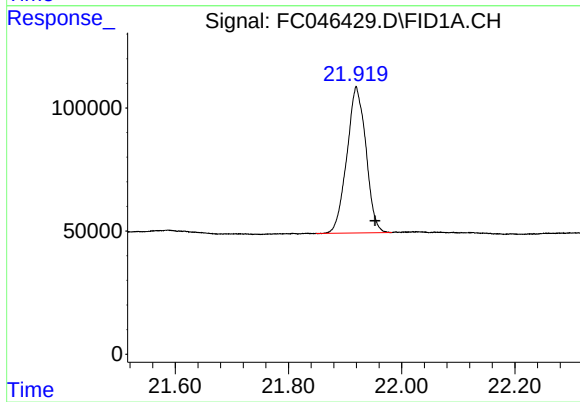
#20 n-Hexatriacontane (C36)

R.T.: 20.203 min
Delta R.T.: -0.018 min
Response: 1419395
Conc: 20.99 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.964 min
Delta R.T.: -0.022 min
Response: 1351469
Conc: 22.36 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.920 min
Delta R.T.: -0.033 min
Response: 1386342
Conc: 22.05 ug/ml