

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071519AL\
 Data File : FC042376.D
 Signal(s) : FID1A.CH
 Acq On : 15 Jul 2019 10:02
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 16 01:38:26 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 070919.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 10 08:56:11 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)	11.698	2858848	21.600 ug/ml
Spiked Amount 50.000		Recovery =	43.20%
12) S 1-chlorooctadecane (S...	13.121	2340379	21.348 ug/ml
Spiked Amount 50.000		Recovery =	42.70%
Target Compounds			
1) T n-Nonane (C9)	3.495	2637132	22.650 ug/ml
2) T n-Decane (C10)	4.559	2701485	22.897 ug/ml
3) T A~Naphthalene (C11.7)	6.146	2978866	22.947 ug/ml
4) T n-Dodecane (C12)	6.564	2724688	22.962 ug/ml
5) T A~2-methylnaphthalene...	7.197	2991394	23.022 ug/ml
6) T n-Tetradecane (C14)	8.347	2730343	22.948 ug/ml
7) T n-Hexadecane (C16)	9.938	2726781	22.710 ug/ml
8) T n-Octadecane (C18)	11.373	2717858	22.271 ug/ml
10) T n-Eicosane (C20)	12.676	2715295	21.772 ug/ml
11) T n-Heneicosane (C21)	13.285	2683123	21.435 ug/ml
13) T n-Docosane (C22)	13.870	2653905	21.159 ug/ml
14) T n-Tetracosane (C24)	14.968	2586094	20.415 ug/ml
15) T n-Hexacosane (C26)	15.985	2490236	19.694 ug/ml
16) T n-Octacosane (C28)	16.931	2418265	19.164 ug/ml
17) T n-Tricontane (C30)	17.815	2326277	18.976 ug/ml
18) T n-Dotriacontane (C32)	18.645	2124183	19.012 ug/ml
19) T n-Tetratriacontane (C34)	19.426	1807700	19.520 ug/ml
20) T n-Hexatriacontane (C36)	20.163	1674642	21.013 ug/ml
21) T n-Octatriacontane (C38)	20.911	1531697	21.364 ug/ml
22) T n-Tetracontane (C40)	21.850	1671884	24.093 ug/ml

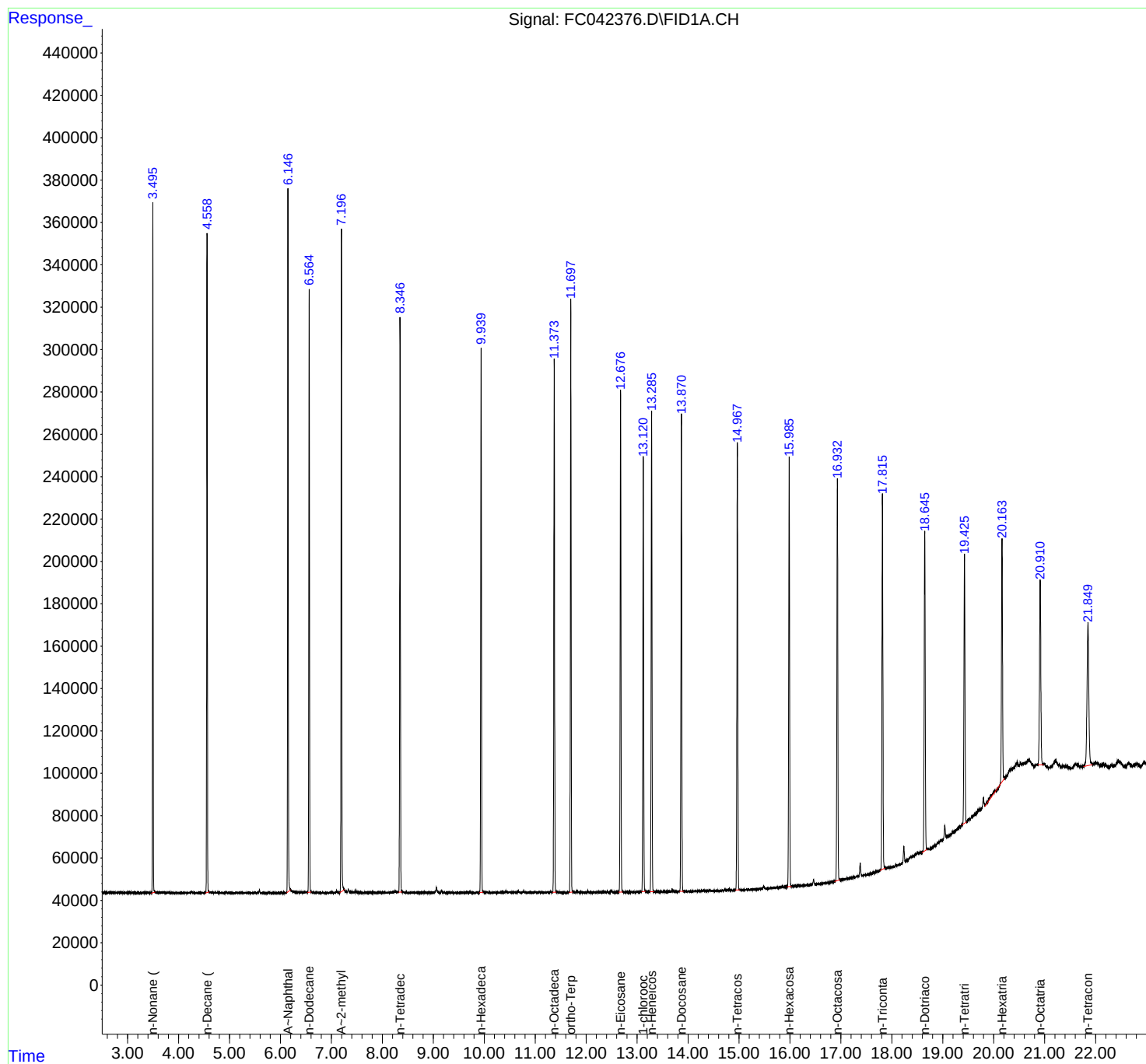
(f)=RT Delta > 1/2 Window

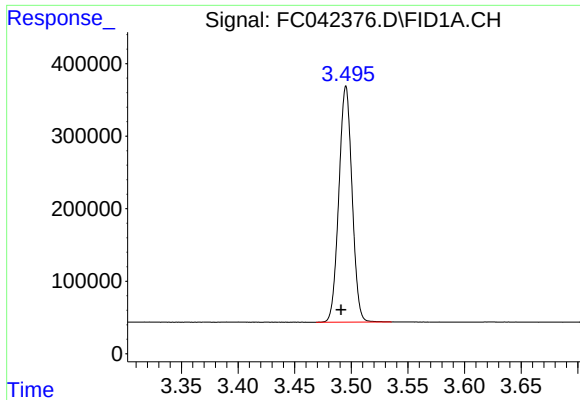
(m)=manual int.

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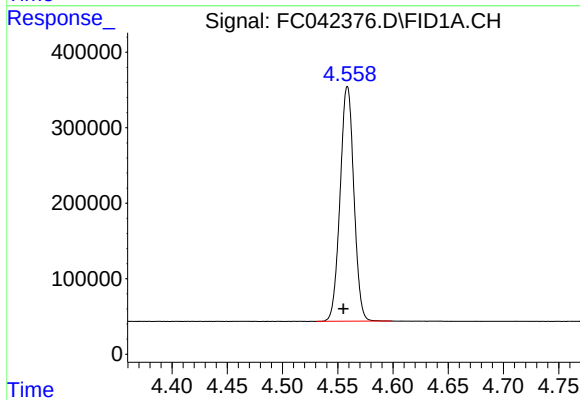
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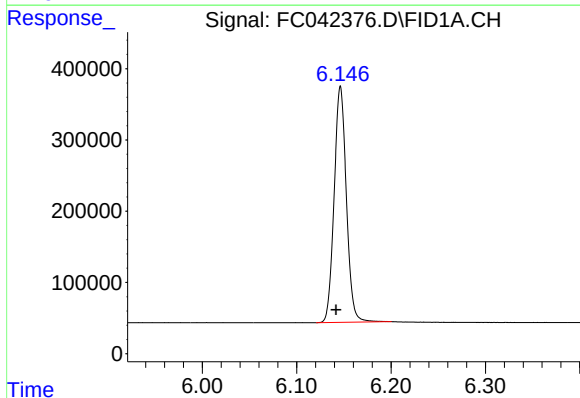
#1 n-Nonane (C9)

R.T.: 3.495 min
Delta R.T.: 0.004 min
Response: 2637132
Conc: 22.65 ug/ml



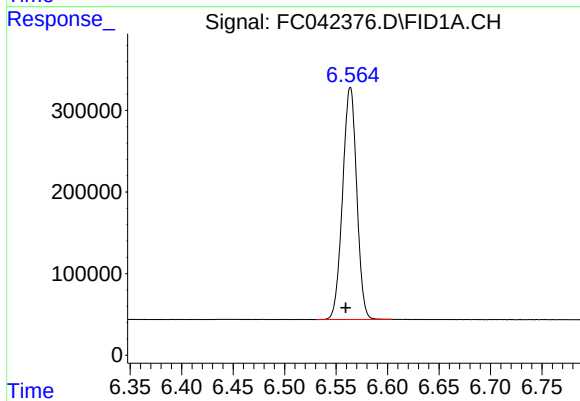
#2 n-Decane (C10)

R.T.: 4.559 min
Delta R.T.: 0.004 min
Response: 2701485
Conc: 22.90 ug/ml



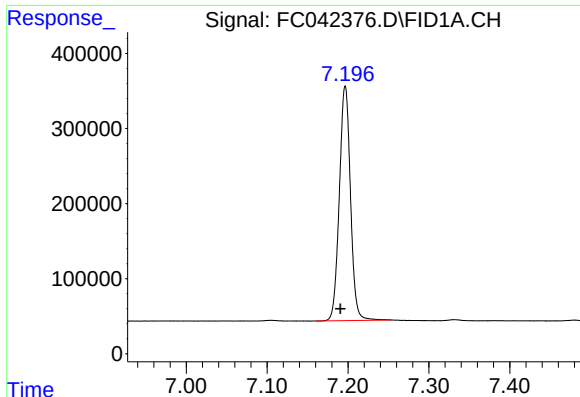
#3 A~Naphthalene (C11.7)

R.T.: 6.146 min
Delta R.T.: 0.005 min
Response: 2978866
Conc: 22.95 ug/ml



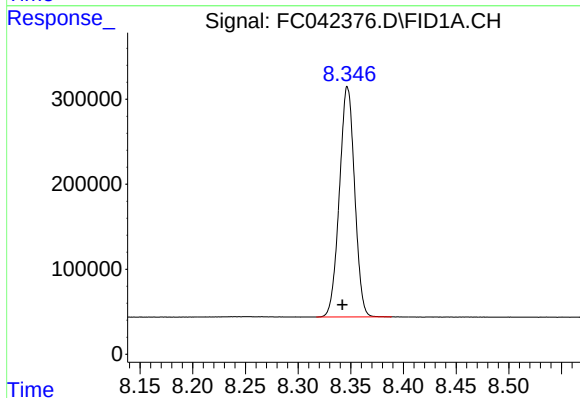
#4 n-Dodecane (C12)

R.T.: 6.564 min
Delta R.T.: 0.004 min
Response: 2724688
Conc: 22.96 ug/ml



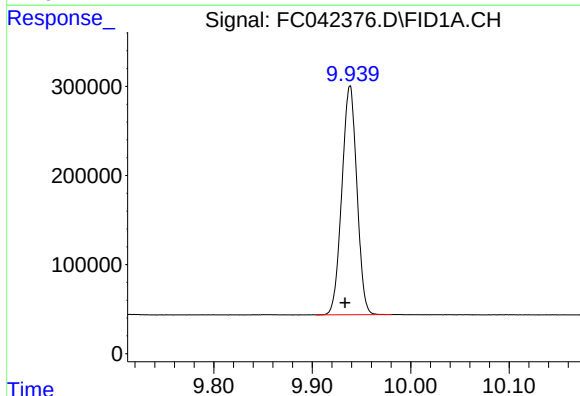
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.197 min
Delta R.T.: 0.006 min
Response: 2991394
Conc: 23.02 ug/ml



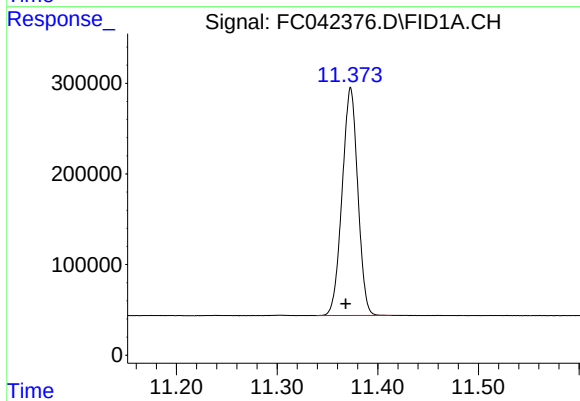
#6 n-Tetradecane (C14)

R.T.: 8.347 min
Delta R.T.: 0.005 min
Response: 2730343
Conc: 22.95 ug/ml



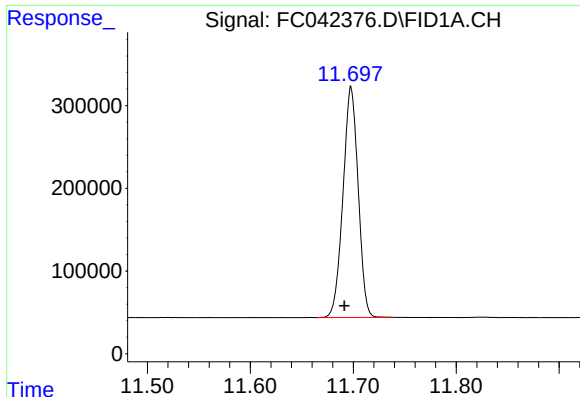
#7 n-Hexadecane (C16)

R.T.: 9.938 min
Delta R.T.: 0.005 min
Response: 2726781
Conc: 22.71 ug/ml



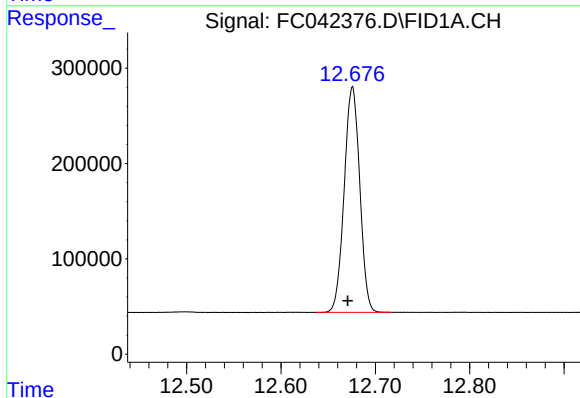
#8 n-Octadecane (C18)

R.T.: 11.373 min
Delta R.T.: 0.005 min
Response: 2717858
Conc: 22.27 ug/ml



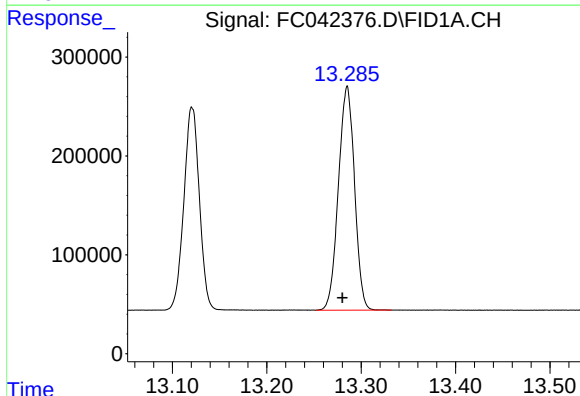
#9 ortho-Terphenyl (SURR)

R.T.: 11.698 min
Delta R.T.: 0.007 min
Response: 2858848
Conc: 21.60 ug/ml



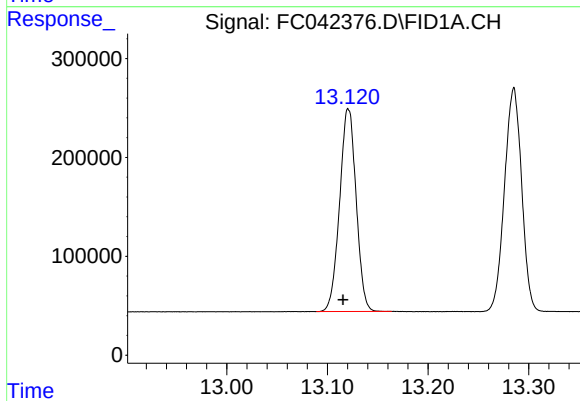
#10 n-Eicosane (C20)

R.T.: 12.676 min
Delta R.T.: 0.005 min
Response: 2715295
Conc: 21.77 ug/ml



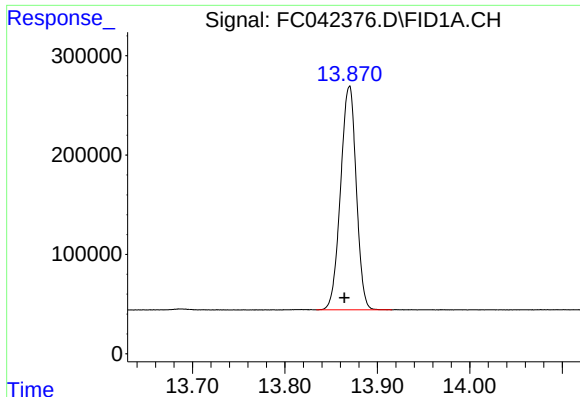
#11 n-Heneicosane (C21)

R.T.: 13.285 min
Delta R.T.: 0.005 min
Response: 2683123
Conc: 21.43 ug/ml



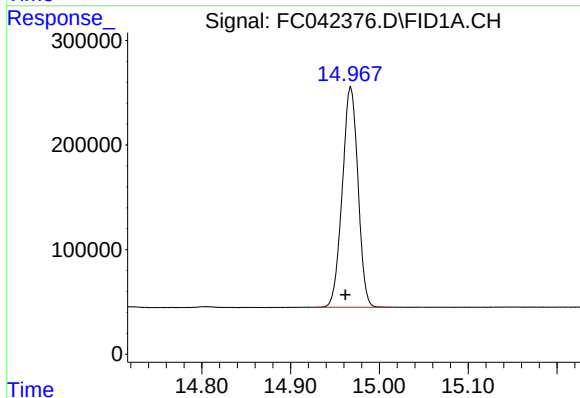
#12 1-chlorooctadecane (SURR)

R.T.: 13.121 min
Delta R.T.: 0.005 min
Response: 2340379
Conc: 21.35 ug/ml



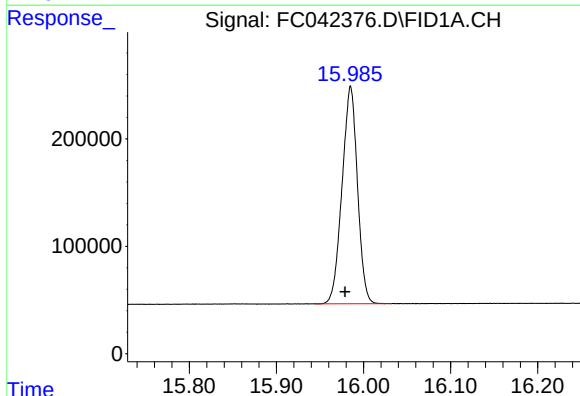
#13 n-Docosane (C22)

R.T.: 13.870 min
Delta R.T.: 0.006 min
Response: 2653905
Conc: 21.16 ug/ml



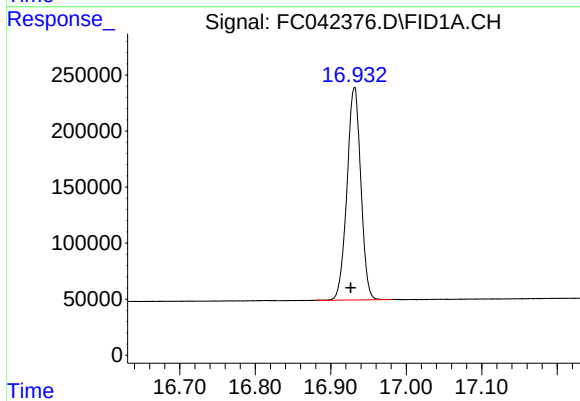
#14 n-Tetracosane (C24)

R.T.: 14.968 min
Delta R.T.: 0.006 min
Response: 2586094
Conc: 20.42 ug/ml



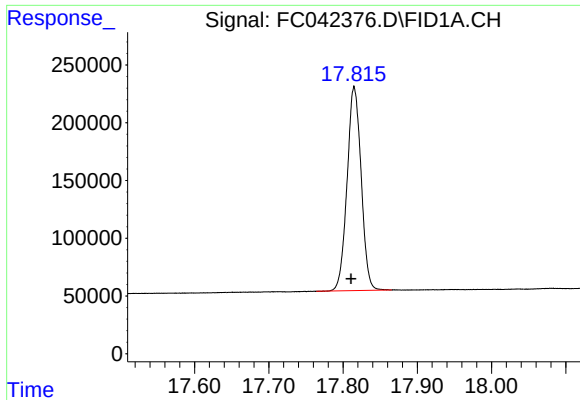
#15 n-Hexacosane (C26)

R.T.: 15.985 min
Delta R.T.: 0.007 min
Response: 2490236
Conc: 19.69 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.931 min
Delta R.T.: 0.005 min
Response: 2418265
Conc: 19.16 ug/ml



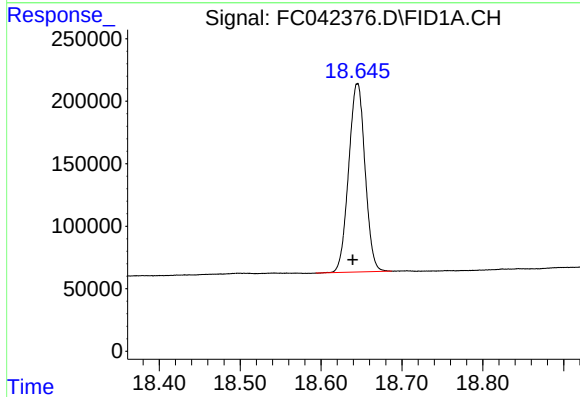
#17 n-Tricontane (C30)

R.T.: 17.815 min

Delta R.T.: 0.004 min

Response: 2326277

Conc: 18.98 ug/ml



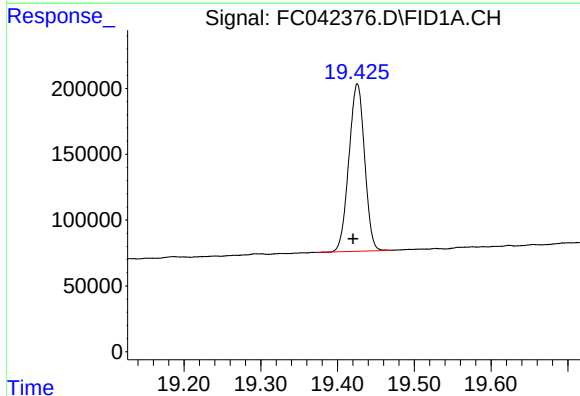
#18 n-Dotriacontane (C32)

R.T.: 18.645 min

Delta R.T.: 0.006 min

Response: 2124183

Conc: 19.01 ug/ml



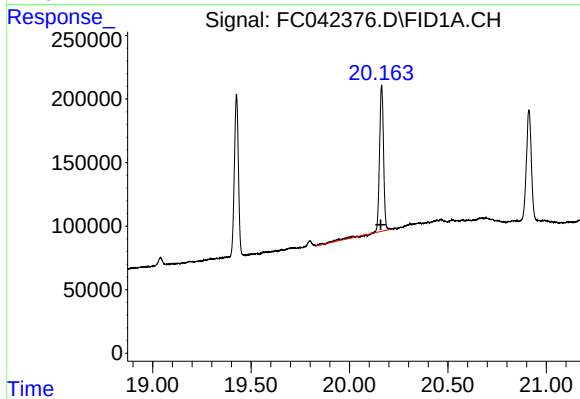
#19 n-Tetratriacontane (C34)

R.T.: 19.426 min

Delta R.T.: 0.006 min

Response: 1807700

Conc: 19.52 ug/ml



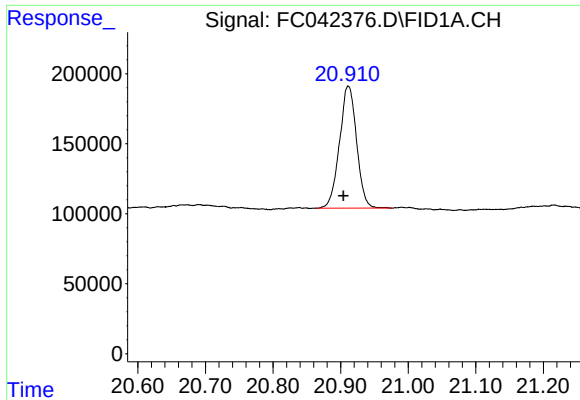
#20 n-Hexatriacontane (C36)

R.T.: 20.163 min

Delta R.T.: 0.005 min

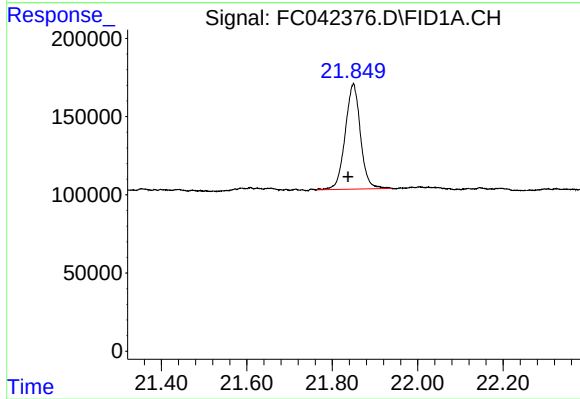
Response: 1674642

Conc: 21.01 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.911 min
Delta R.T.: 0.007 min
Response: 1531697
Conc: 21.36 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.850 min
Delta R.T.: 0.013 min
Response: 1671884
Conc: 24.09 ug/ml