

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071520AL\
 Data File : FC048430.D
 Signal(s) : FID1A.CH
 Acq On : 15 Jul 2020 10:16
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 16 01:35:40 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 070820.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 08 03:03:00 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)	11.678	2771210	20.191 ug/ml
Spiked Amount 50.000		Recovery =	40.38%
12) S 1-chlorooctadecane (S...	13.112	2239577	19.874 ug/ml
Spiked Amount 50.000		Recovery =	39.75%
Target Compounds			
1) T n-Nonane (C9)	3.413	2501803	20.987 ug/ml
2) T n-Decane (C10)	4.486	2549854	21.184 ug/ml
3) T A~Naphthalene (C11.7)	6.081	2877905	21.386 ug/ml
4) T n-Dodecane (C12)	6.511	2590175	21.172 ug/ml
5) T A~2-methylnaphthalene...	7.140	2944054	21.360 ug/ml
6) T n-Tetradecane (C14)	8.309	2599699	21.104 ug/ml
7) T n-Hexadecane (C16)	9.912	2543982	20.782 ug/ml
8) T n-Octadecane (C18)	11.357	2622980	20.495 ug/ml
10) T n-Eicosane (C20)	12.667	2610804	20.186 ug/ml
11) T n-Heneicosane (C21)	13.278	2584661	19.939 ug/ml
13) T n-Docosane (C22)	13.865	2573524	19.821 ug/ml
14) T n-Tetracosane (C24)	14.968	2521088	19.232 ug/ml
15) T n-Hexacosane (C26)	15.988	2444283	18.798 ug/ml
16) T n-Octacosane (C28)	16.936	2370059	18.138 ug/ml
17) T n-Tricontane (C30)	17.824	2251825	17.516 ug/ml
18) T n-Dotriacontane (C32)	18.655	2004316	16.966 ug/ml
19) T n-Tetratriacontane (C34)	19.437	1827065	16.368 ug/ml
20) T n-Hexatriacontane (C36)	20.176	1716975	16.325 ug/ml
21) T n-Octatriacontane (C38)	20.934	1622159	16.524 ug/ml
22) T n-Tetracontane (C40)	21.886	1665123	17.135 ug/ml

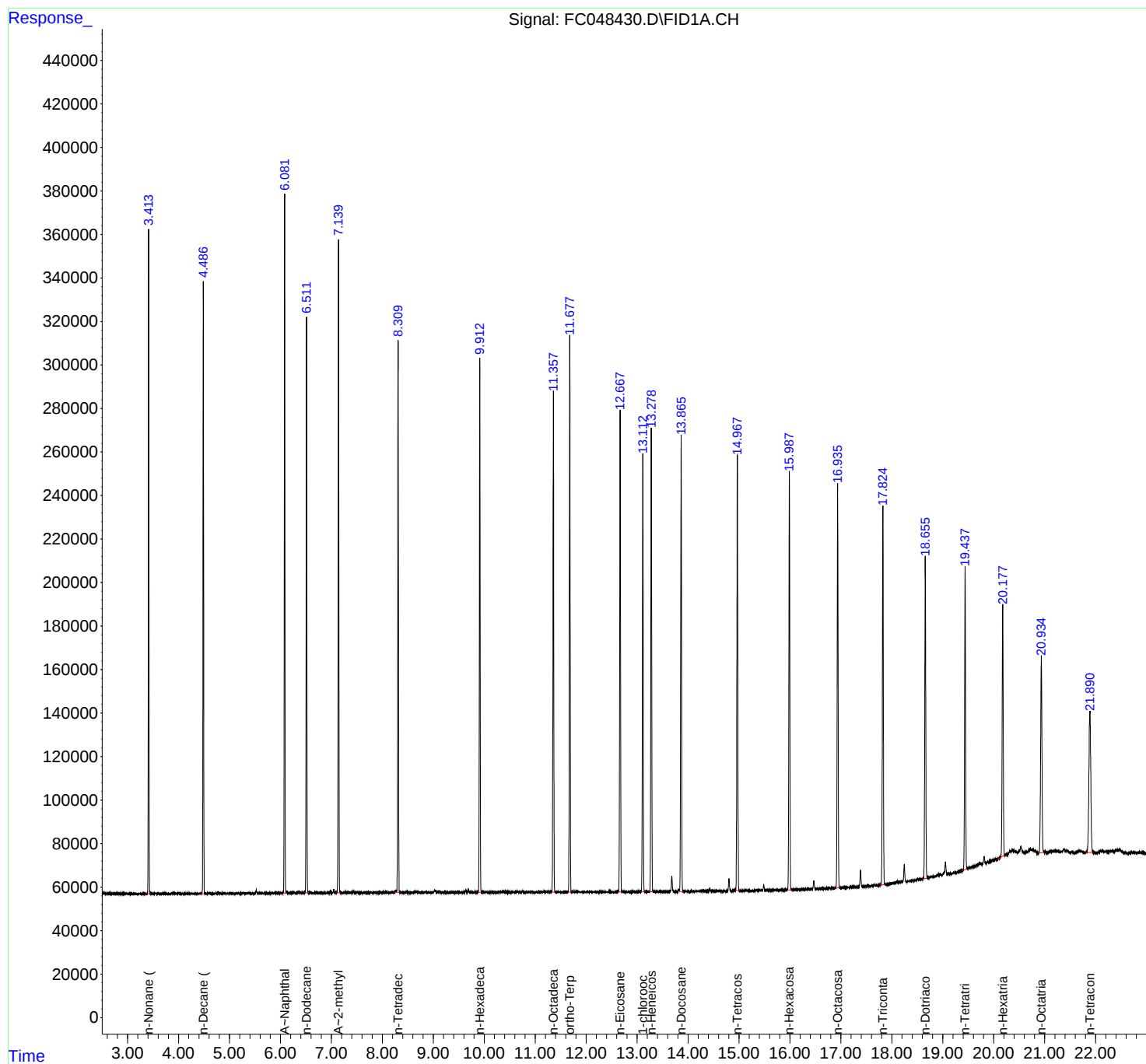
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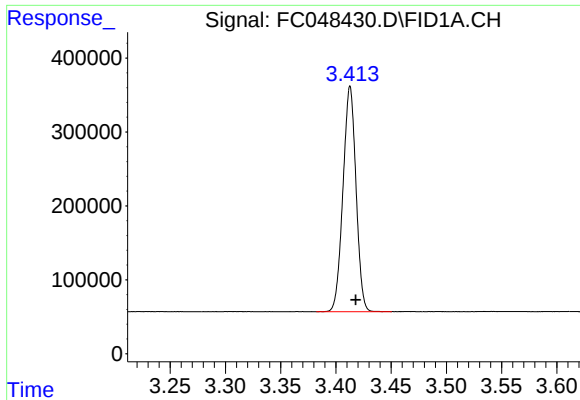
(m)=manual int.

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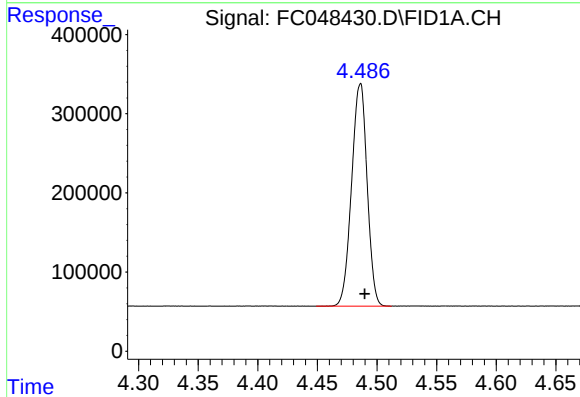
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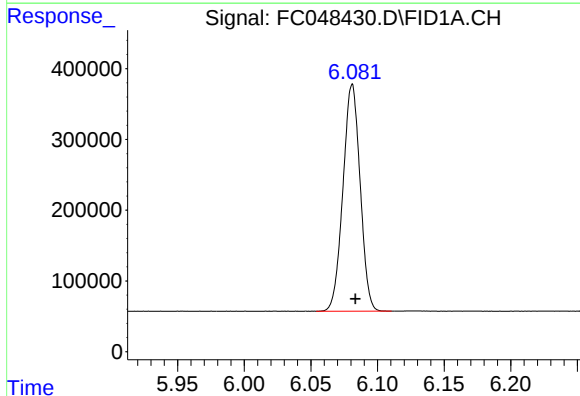
#1 n-Nonane (C9)

R.T.: 3.413 min
Delta R.T.: -0.005 min
Response: 2501803
Conc: 20.99 ug/ml



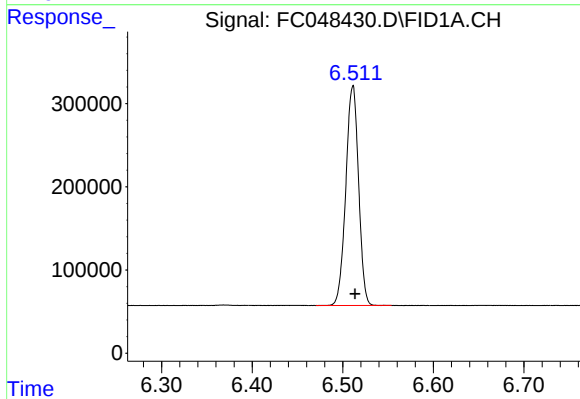
#2 n-Decane (C10)

R.T.: 4.486 min
Delta R.T.: -0.004 min
Response: 2549854
Conc: 21.18 ug/ml



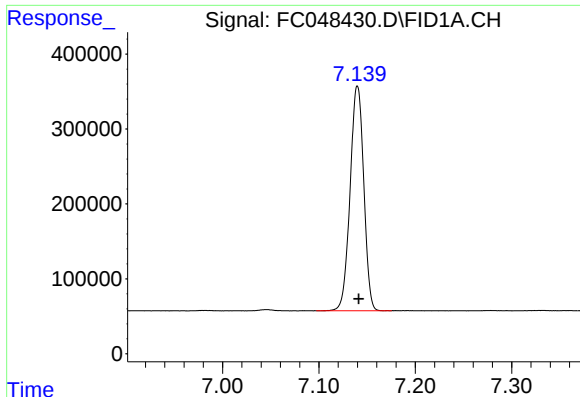
#3 A~Naphthalene (C11.7)

R.T.: 6.081 min
Delta R.T.: -0.002 min
Response: 2877905
Conc: 21.39 ug/ml



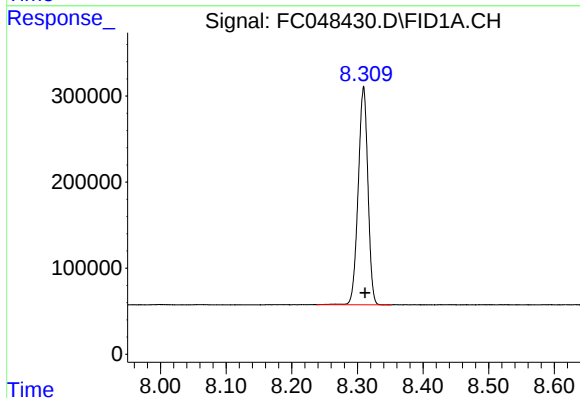
#4 n-Dodecane (C12)

R.T.: 6.511 min
Delta R.T.: -0.002 min
Response: 2590175
Conc: 21.17 ug/ml



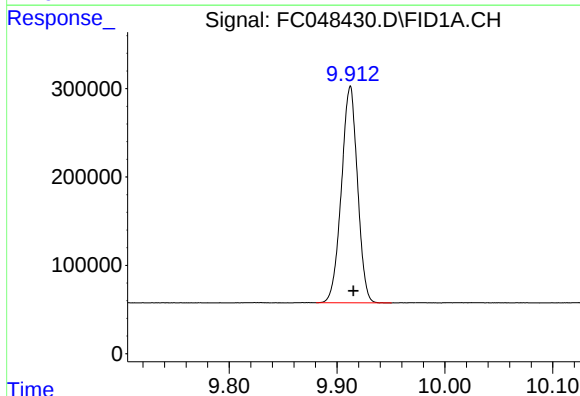
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.140 min
Delta R.T.: -0.001 min
Response: 2944054
Conc: 21.36 ug/ml



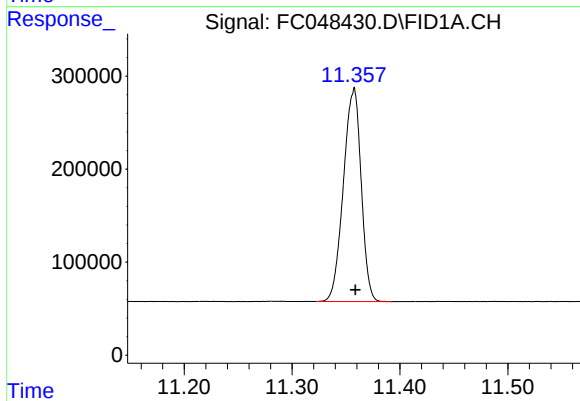
#6 n-Tetradecane (C14)

R.T.: 8.309 min
Delta R.T.: -0.002 min
Response: 2599699
Conc: 21.10 ug/ml



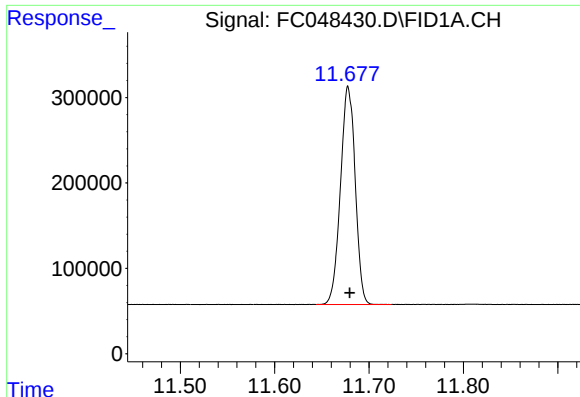
#7 n-Hexadecane (C16)

R.T.: 9.912 min
Delta R.T.: -0.003 min
Response: 2543982
Conc: 20.78 ug/ml



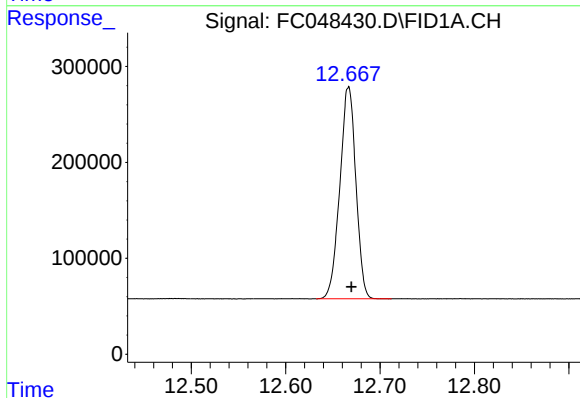
#8 n-Octadecane (C18)

R.T.: 11.357 min
Delta R.T.: -0.001 min
Response: 2622980
Conc: 20.49 ug/ml



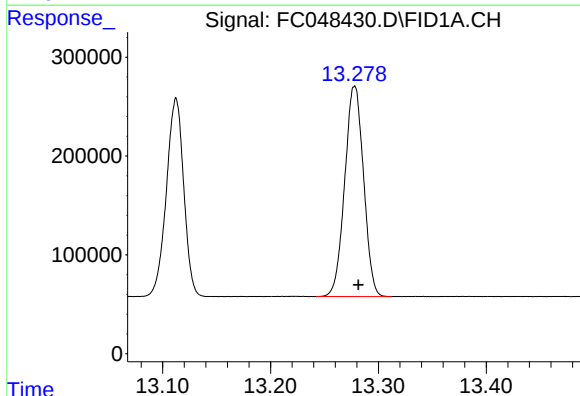
#9 ortho-Terphenyl (SURR)

R.T.: 11.678 min
Delta R.T.: -0.002 min
Response: 2771210
Conc: 20.19 ug/ml



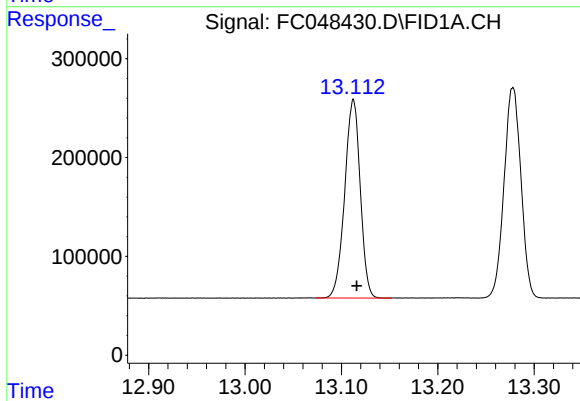
#10 n-Eicosane (C20)

R.T.: 12.667 min
Delta R.T.: -0.003 min
Response: 2610804
Conc: 20.19 ug/ml



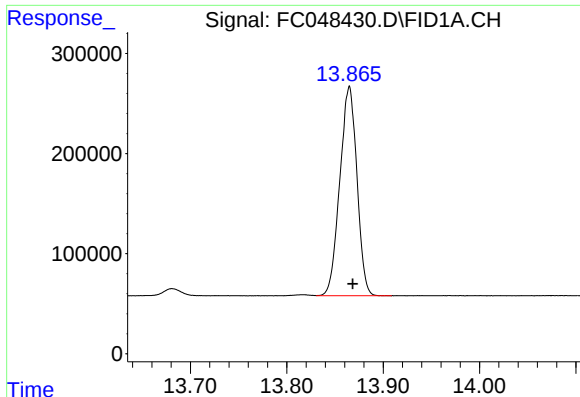
#11 n-Heneicosane (C21)

R.T.: 13.278 min
Delta R.T.: -0.004 min
Response: 2584661
Conc: 19.94 ug/ml



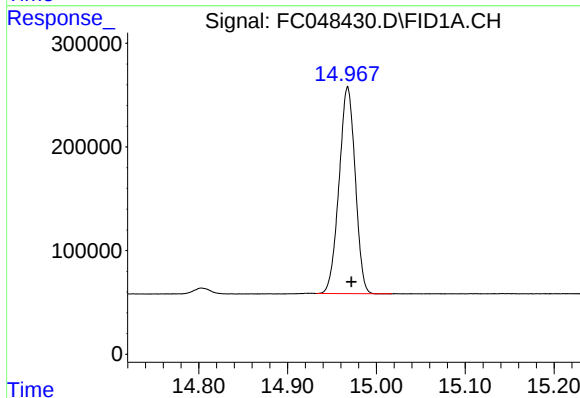
#12 1-chlorooctadecane (SURR)

R.T.: 13.112 min
Delta R.T.: -0.003 min
Response: 2239577
Conc: 19.87 ug/ml



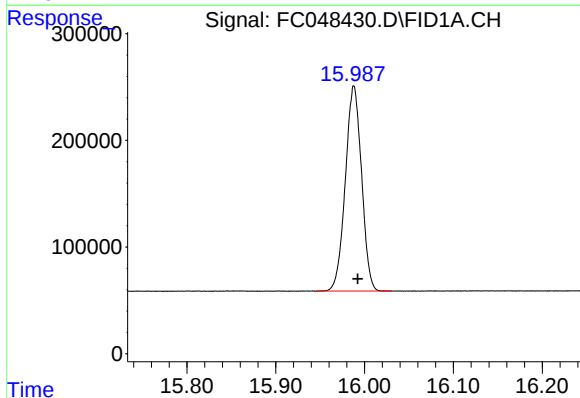
#13 n-Docosane (C22)

R.T.: 13.865 min
Delta R.T.: -0.003 min
Response: 2573524
Conc: 19.82 ug/ml



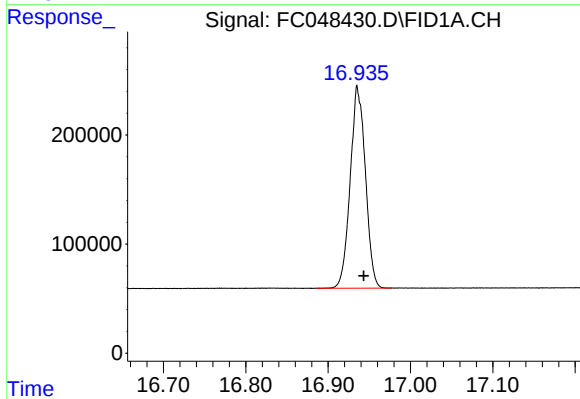
#14 n-Tetracosane (C24)

R.T.: 14.968 min
Delta R.T.: -0.004 min
Response: 2521088
Conc: 19.23 ug/ml



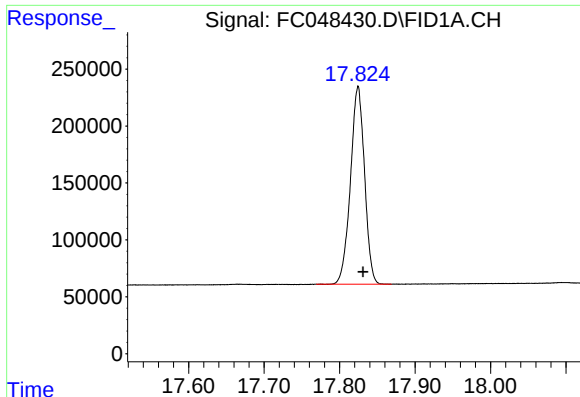
#15 n-Hexacosane (C26)

R.T.: 15.988 min
Delta R.T.: -0.004 min
Response: 2444283
Conc: 18.80 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.936 min
Delta R.T.: -0.008 min
Response: 2370059
Conc: 18.14 ug/ml



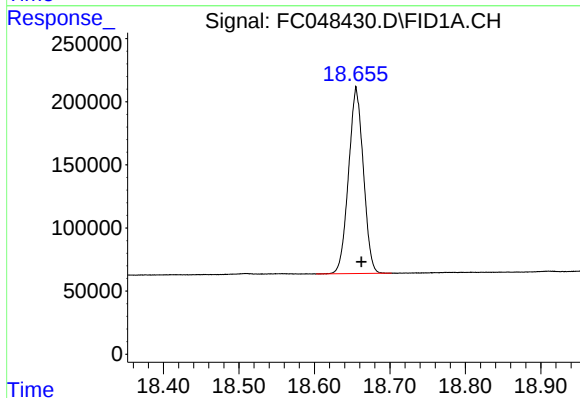
#17 n-Tricontane (C30)

R.T.: 17.824 min

Delta R.T.: -0.007 min

Response: 2251825

Conc: 17.52 ug/ml



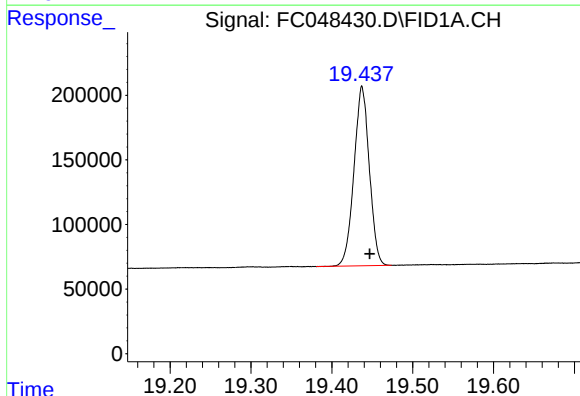
#18 n-Dotriacontane (C32)

R.T.: 18.655 min

Delta R.T.: -0.007 min

Response: 2004316

Conc: 16.97 ug/ml



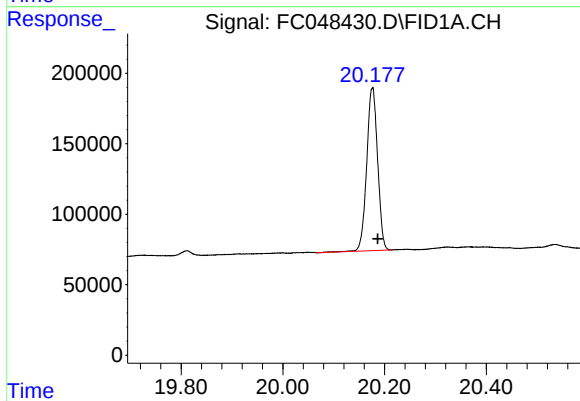
#19 n-Tetratriacontane (C34)

R.T.: 19.437 min

Delta R.T.: -0.009 min

Response: 1827065

Conc: 16.37 ug/ml



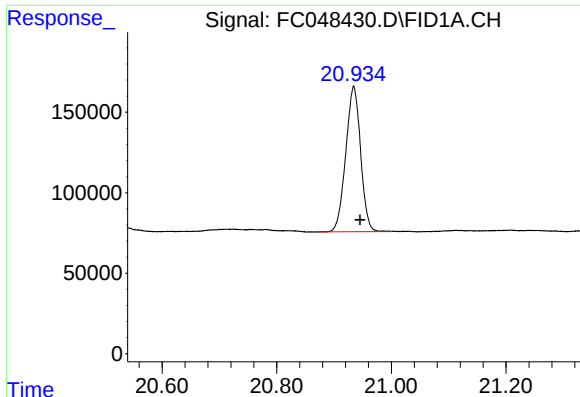
#20 n-Hexatriacontane (C36)

R.T.: 20.176 min

Delta R.T.: -0.011 min

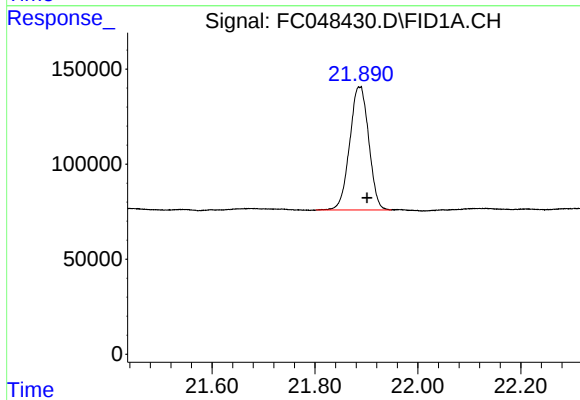
Response: 1716975

Conc: 16.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.934 min
Delta R.T.: -0.011 min
Response: 1622159
Conc: 16.52 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.886 min
Delta R.T.: -0.015 min
Response: 1665123
Conc: 17.13 ug/ml