

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071420AL\
 Data File : FC048414.D
 Signal(s) : FID1A.CH
 Acq On : 14 Jul 2020 14:03
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 15 01:07:30 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)	11.677	2700677	19.677 ug/ml
Spiked Amount 50.000		Recovery =	39.35%
12) S 1-chlorooctadecane (S...	13.113	2180865	19.353 ug/ml
Spiked Amount 50.000		Recovery =	38.71%
Target Compounds			
1) T n-Nonane (C9)	3.413	2445611	20.516 ug/ml
2) T n-Decane (C10)	4.485	2478861	20.594 ug/ml
3) T A~Naphthalene (C11.7)	6.080	2792630	20.752 ug/ml
4) T n-Dodecane (C12)	6.511	2514123	20.550 ug/ml
5) T A~2-methylnaphthalene...	7.139	2852250	20.694 ug/ml
6) T n-Tetradecane (C14)	8.309	2504798	20.333 ug/ml
7) T n-Hexadecane (C16)	9.912	2464967	20.136 ug/ml
8) T n-Octadecane (C18)	11.357	2546256	19.895 ug/ml
10) T n-Eicosane (C20)	12.666	2538484	19.627 ug/ml
11) T n-Heneicosane (C21)	13.278	2521313	19.451 ug/ml
13) T n-Docosane (C22)	13.864	2507060	19.309 ug/ml
14) T n-Tetracosane (C24)	14.968	2467765	18.826 ug/ml
15) T n-Hexacosane (C26)	15.987	2402979	18.480 ug/ml
16) T n-Octacosane (C28)	16.938	2346721	17.960 ug/ml
17) T n-Tricontane (C30)	17.824	2240478	17.428 ug/ml
18) T n-Dotriacontane (C32)	18.655	2001933	16.945 ug/ml
19) T n-Tetratriacontane (C34)	19.437	1825949	16.358 ug/ml
20) T n-Hexatriacontane (C36)	20.176	1685686	16.027 ug/ml
21) T n-Octatriacontane (C38)	20.934	1601623	16.315 ug/ml
22) T n-Tetracontane (C40)	21.888	1634626	16.821 ug/ml

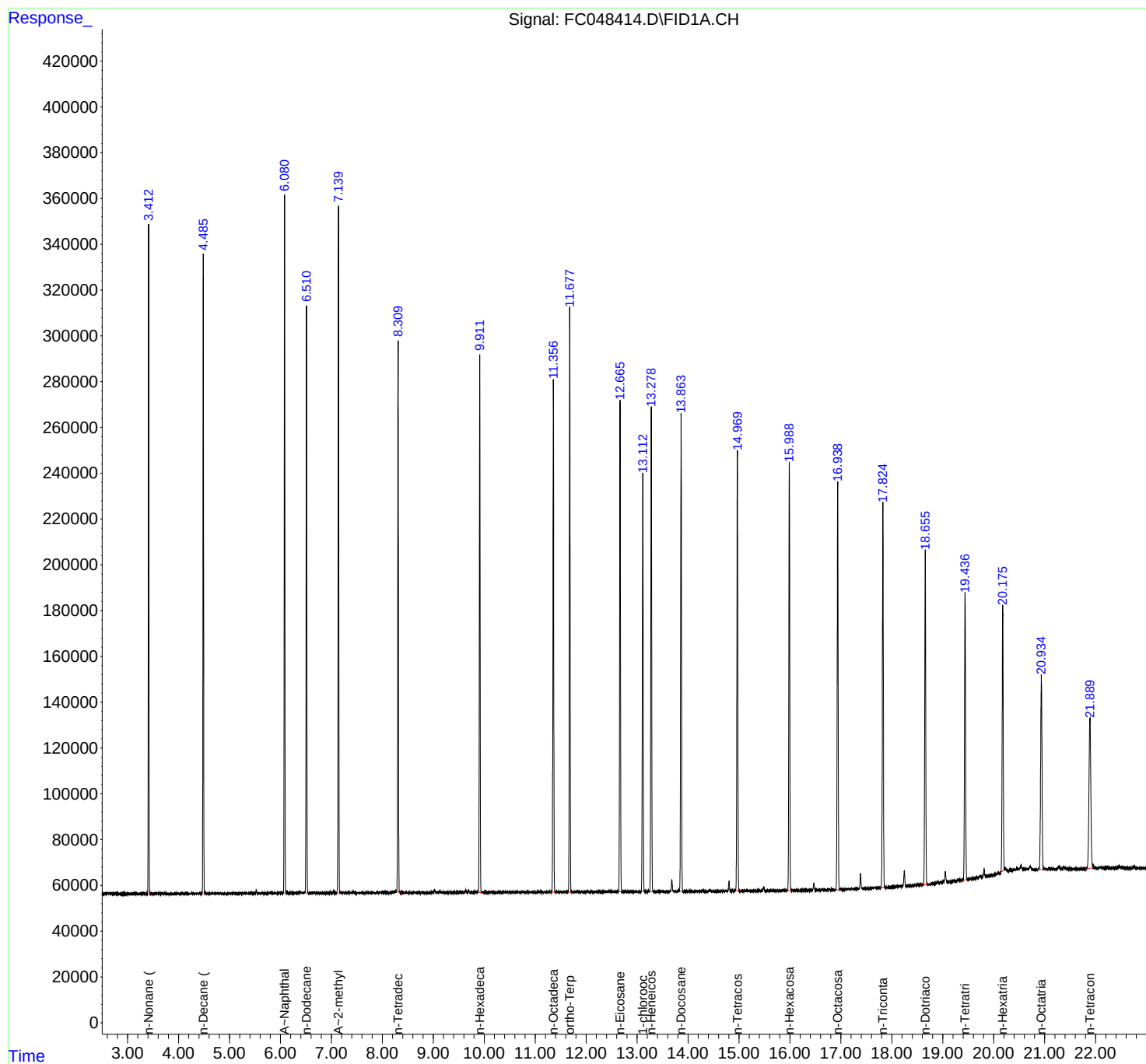
(f)=RT Delta > 1/2 Window

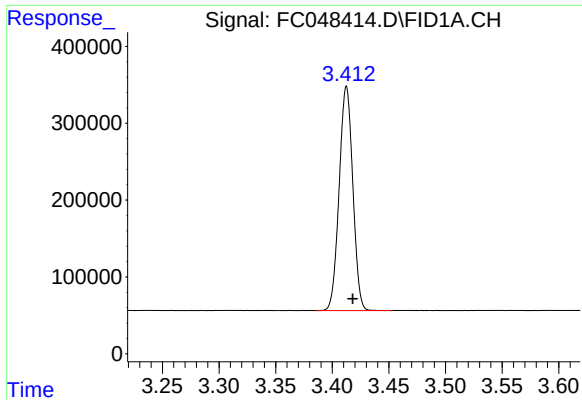
(m)=manual int.

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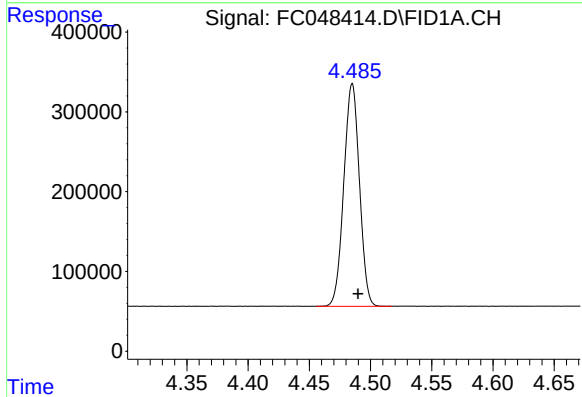
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Signal Info : 20M x 0.18mm x 0.18um





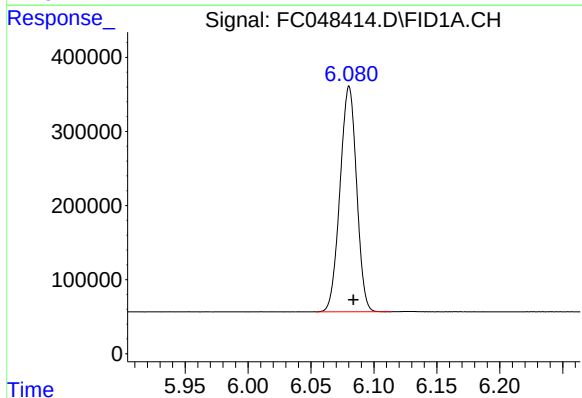
#1 n-Nonane (C9)

R.T.: 3.413 min
Delta R.T.: -0.005 min
Response: 2445611
Conc: 20.52 ug/ml



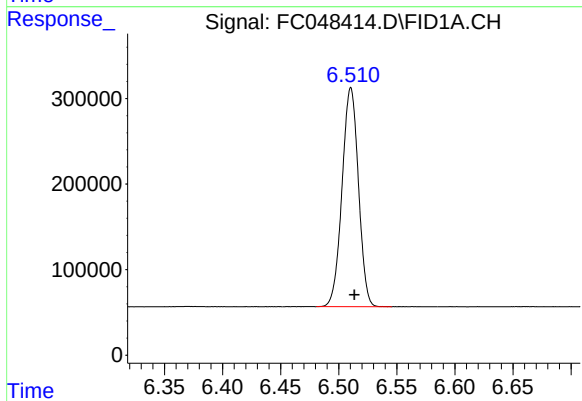
#2 n-Decane (C10)

R.T.: 4.485 min
Delta R.T.: -0.005 min
Response: 2478861
Conc: 20.59 ug/ml



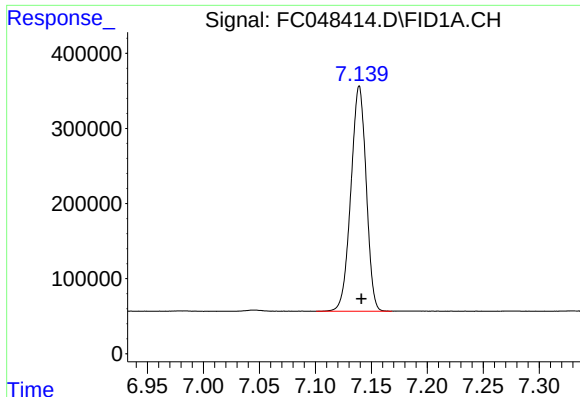
#3 A~Naphthalene (C11.7)

R.T.: 6.080 min
Delta R.T.: -0.003 min
Response: 2792630
Conc: 20.75 ug/ml



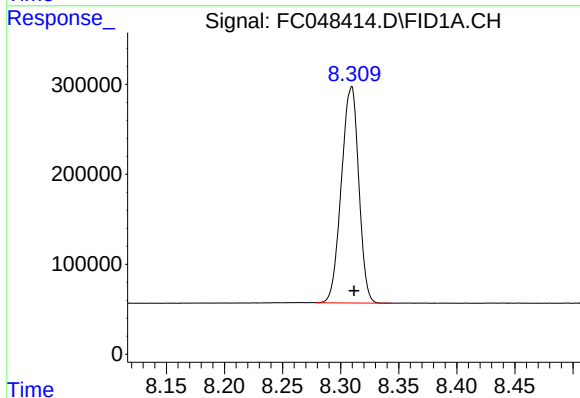
#4 n-Dodecane (C12)

R.T.: 6.511 min
Delta R.T.: -0.003 min
Response: 2514123
Conc: 20.55 ug/ml



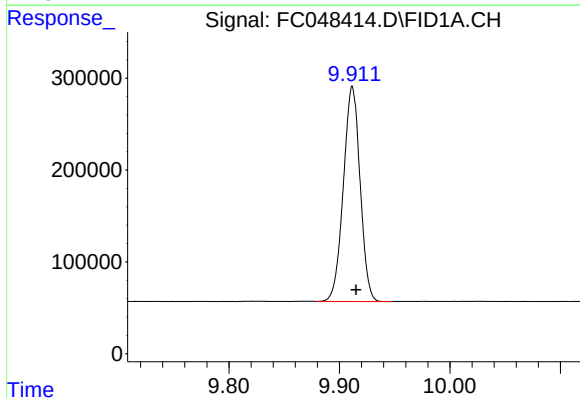
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.139 min
Delta R.T.: -0.002 min
Response: 2852250
Conc: 20.69 ug/ml



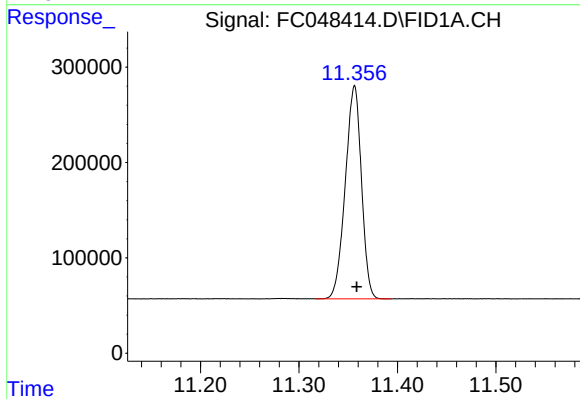
#6 n-Tetradecane (C14)

R.T.: 8.309 min
Delta R.T.: -0.002 min
Response: 2504798
Conc: 20.33 ug/ml



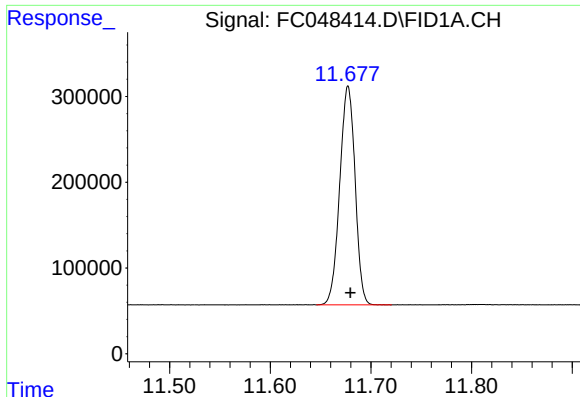
#7 n-Hexadecane (C16)

R.T.: 9.912 min
Delta R.T.: -0.003 min
Response: 2464967
Conc: 20.14 ug/ml



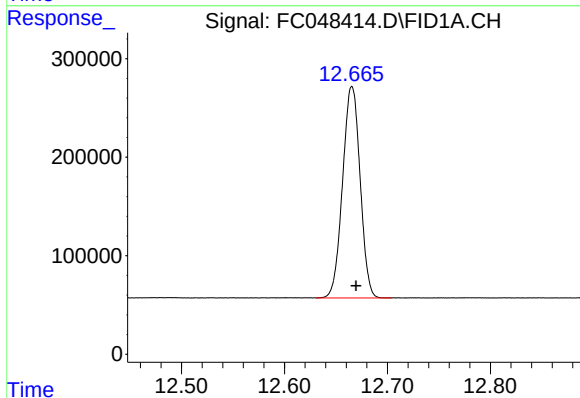
#8 n-Octadecane (C18)

R.T.: 11.357 min
Delta R.T.: -0.002 min
Response: 2546256
Conc: 19.90 ug/ml



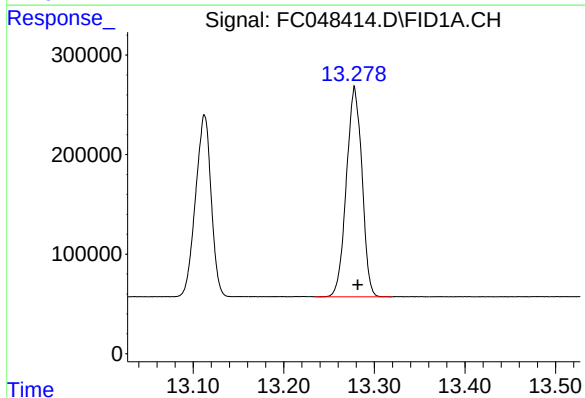
#9 ortho-Terphenyl (SURR)

R.T.: 11.677 min
Delta R.T.: -0.002 min
Response: 2700677
Conc: 19.68 ug/ml



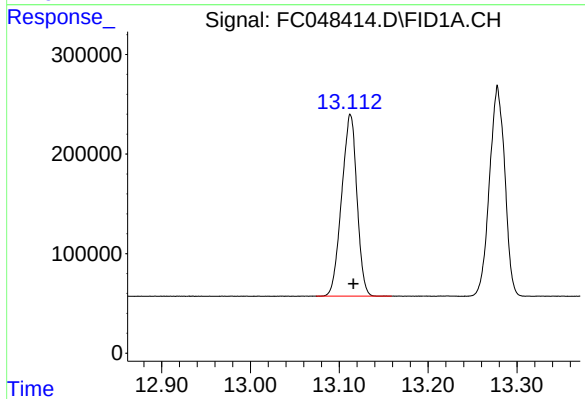
#10 n-Eicosane (C20)

R.T.: 12.666 min
Delta R.T.: -0.004 min
Response: 2538484
Conc: 19.63 ug/ml



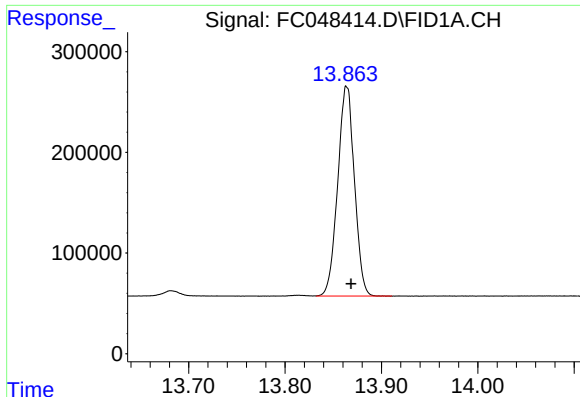
#11 n-Heneicosane (C21)

R.T.: 13.278 min
Delta R.T.: -0.003 min
Response: 2521313
Conc: 19.45 ug/ml



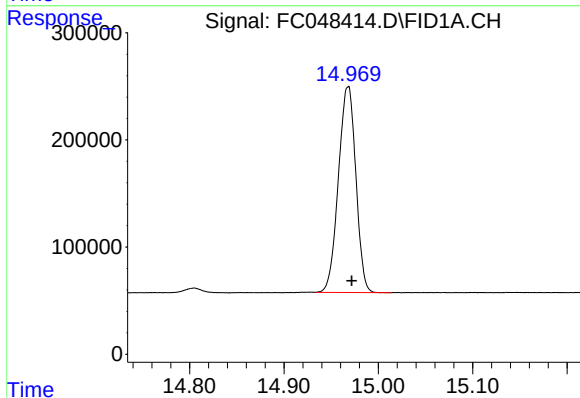
#12 1-chlorooctadecane (SURR)

R.T.: 13.113 min
Delta R.T.: -0.003 min
Response: 2180865
Conc: 19.35 ug/ml



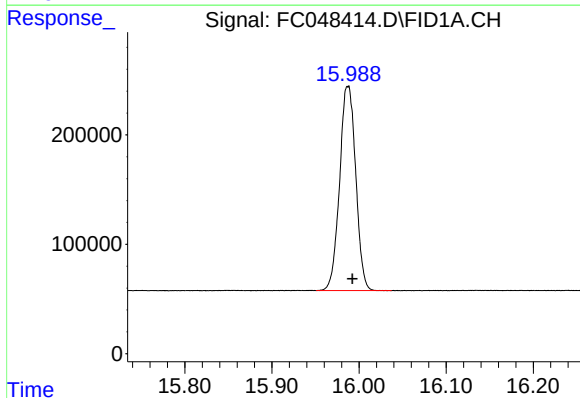
#13 n-Docosane (C22)

R.T.: 13.864 min
Delta R.T.: -0.004 min
Response: 2507060
Conc: 19.31 ug/ml



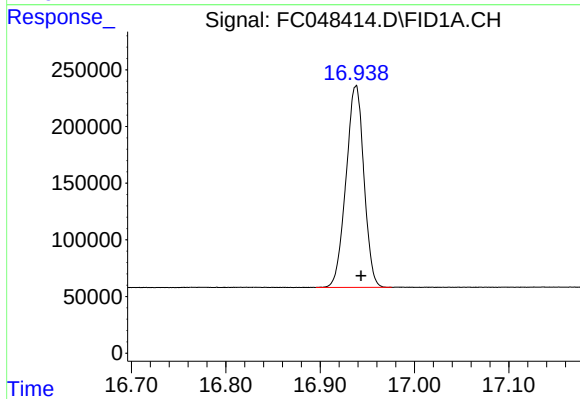
#14 n-Tetracosane (C24)

R.T.: 14.968 min
Delta R.T.: -0.004 min
Response: 2467765
Conc: 18.83 ug/ml



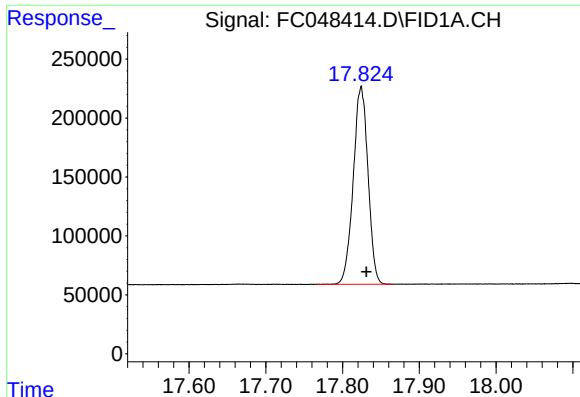
#15 n-Hexacosane (C26)

R.T.: 15.987 min
Delta R.T.: -0.005 min
Response: 2402979
Conc: 18.48 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.938 min
Delta R.T.: -0.005 min
Response: 2346721
Conc: 17.96 ug/ml



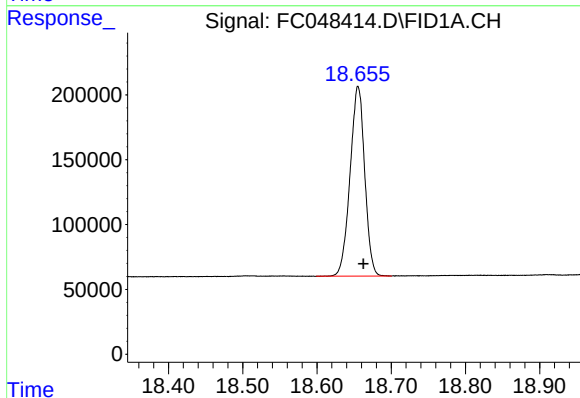
#17 n-Tricontane (C30)

R.T.: 17.824 min

Delta R.T.: -0.007 min

Response: 2240478

Conc: 17.43 ug/ml



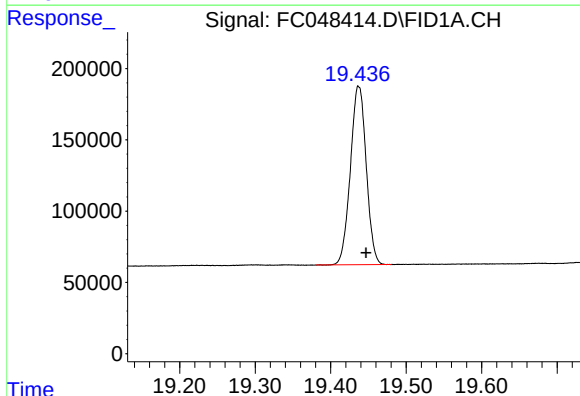
#18 n-Dotriacontane (C32)

R.T.: 18.655 min

Delta R.T.: -0.007 min

Response: 2001933

Conc: 16.95 ug/ml



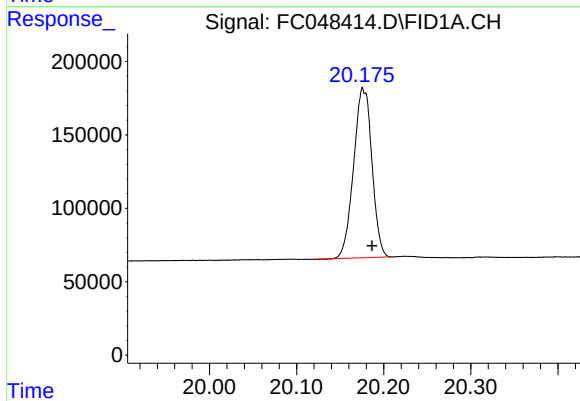
#19 n-Tetratriacontane (C34)

R.T.: 19.437 min

Delta R.T.: -0.010 min

Response: 1825949

Conc: 16.36 ug/ml



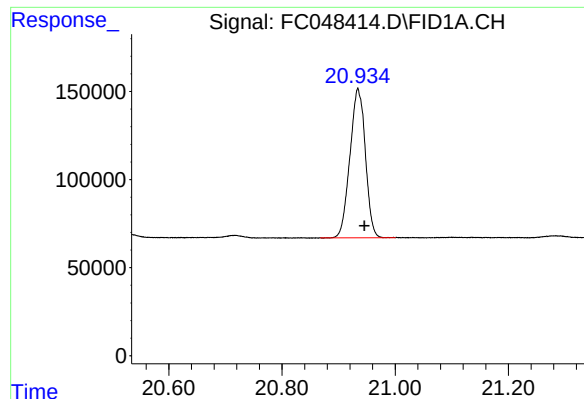
#20 n-Hexatriacontane (C36)

R.T.: 20.176 min

Delta R.T.: -0.011 min

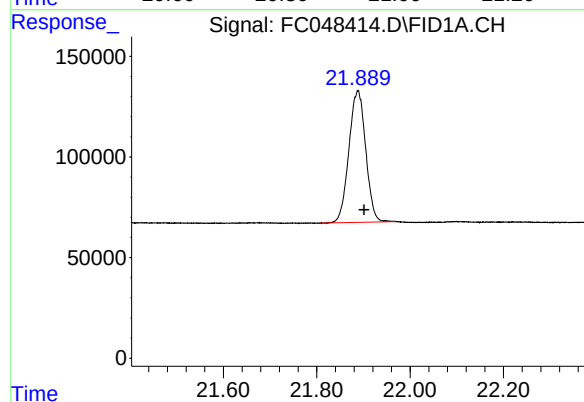
Response: 1685686

Conc: 16.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.934 min
Delta R.T.: -0.012 min
Response: 1601623
Conc: 16.31 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.888 min
Delta R.T.: -0.013 min
Response: 1634626
Conc: 16.82 ug/ml