

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052819AL\
 Data File : FC041517.D
 Signal(s) : FID1A.CH
 Acq On : 28 May 2019 9:40
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 28 11:27:07 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 051519.M
 Quant Title : GC Extractables
 QLast Update : Wed May 15 16:14:00 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)	11.711	1998413	19.807 ug/ml
Spiked Amount 50.000		Recovery =	39.61%
12) S 1-chlorooctadecane (S...	13.137	1589391	20.019 ug/ml
Spiked Amount 50.000		Recovery =	40.04%
Target Compounds			
1) T n-Nonane (C9)	3.483	1740342	20.277 ug/ml
2) T n-Decane (C10)	4.554	1772272	20.335 ug/ml
3) T A~Naphthalene (C11.7)	6.146	2031685	19.778 ug/ml
4) T n-Dodecane (C12)	6.567	1797151	20.384 ug/ml
5) T A~2-methylnaphthalene...	7.199	2045667	19.780 ug/ml
6) T n-Tetradecane (C14)	8.354	1835517	20.475 ug/ml
7) T n-Hexadecane (C16)	9.949	1850803	20.515 ug/ml
8) T n-Octadecane (C18)	11.386	1848211	20.456 ug/ml
10) T n-Eicosane (C20)	12.692	1855419	20.386 ug/ml
11) T n-Heneicosane (C21)	13.302	1846723	20.381 ug/ml
13) T n-Docosane (C22)	13.887	1844437	20.361 ug/ml
14) T n-Tetracosane (C24)	14.987	1846913	20.312 ug/ml
15) T n-Hexacosane (C26)	16.005	1842937	20.306 ug/ml
16) T n-Octacosane (C28)	16.952	1848654	20.191 ug/ml
17) T n-Tricontane (C30)	17.839	1819730	20.254 ug/ml
18) T n-Dotriacontane (C32)	18.670	1690553	20.203 ug/ml
19) T n-Tetratriacontane (C34)	19.451	1492008	20.871 ug/ml
20) T n-Hexatriacontane (C36)	20.191	1324452	20.785 ug/ml
21) T n-Octatriacontane (C38)	20.946	1404879	23.281 ug/ml
22) T n-Tetracontane (C40)	21.892	1121996	19.069 ug/ml

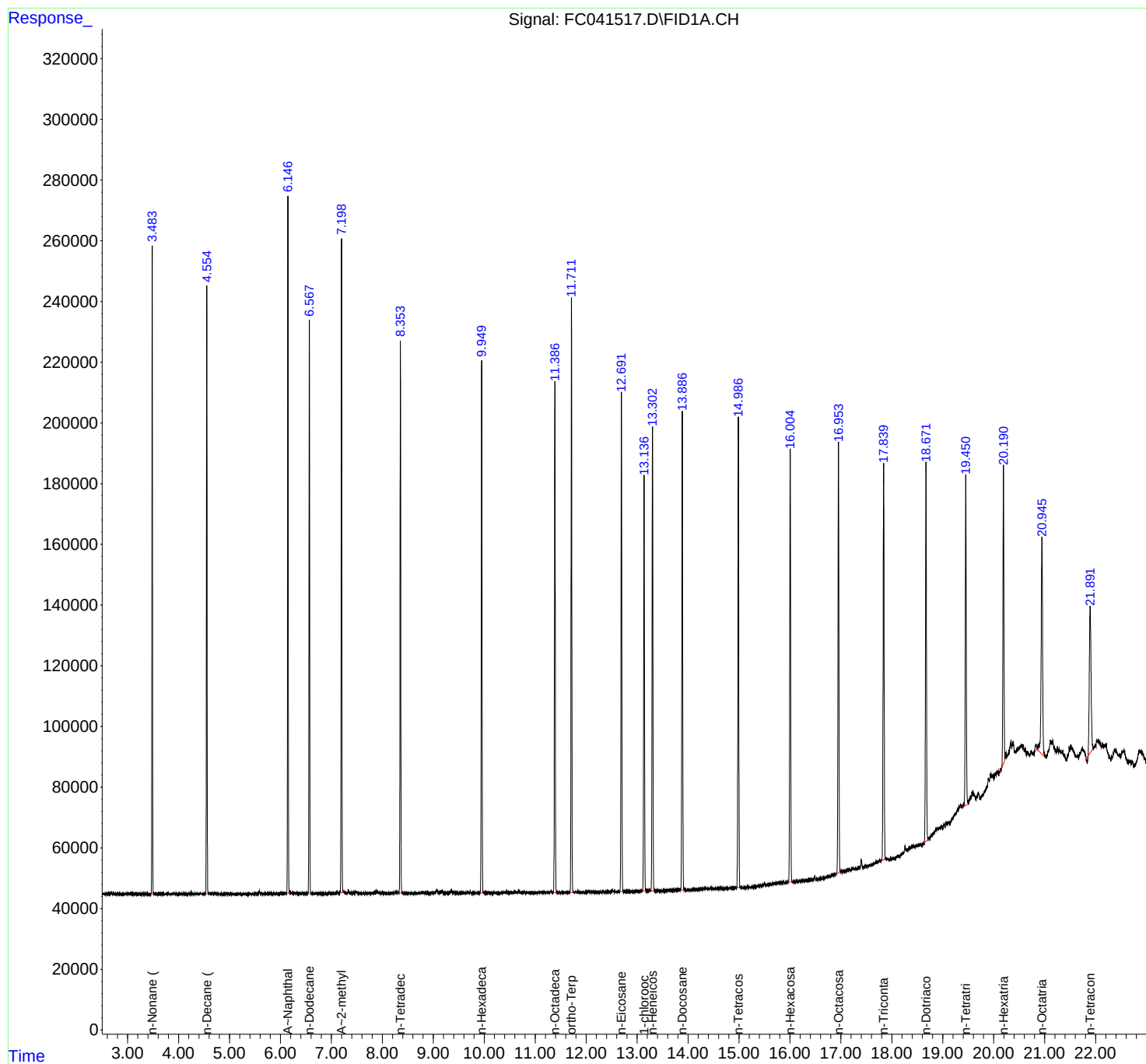
(f)=RT Delta > 1/2 Window

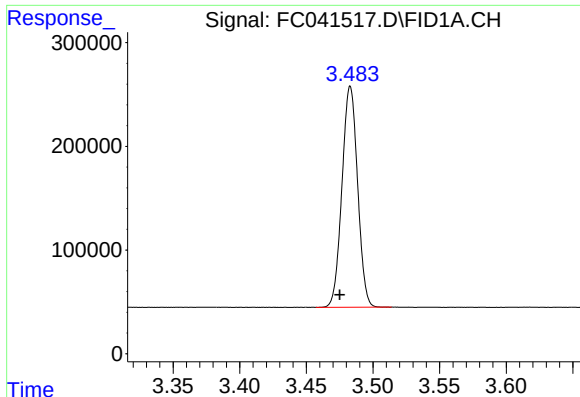
(m)=manual int.

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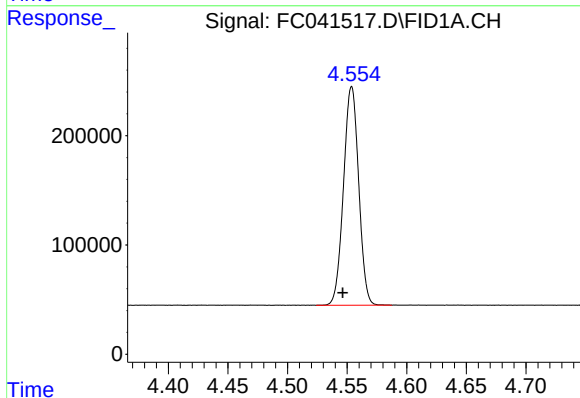
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Signal Info : 20M x 0.18mm x 0.18um





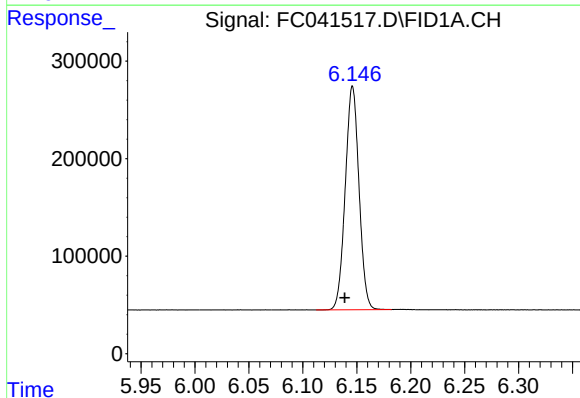
#1 n-Nonane (C9)

R.T.: 3.483 min
Delta R.T.: 0.008 min
Response: 1740342
Conc: 20.28 ug/ml



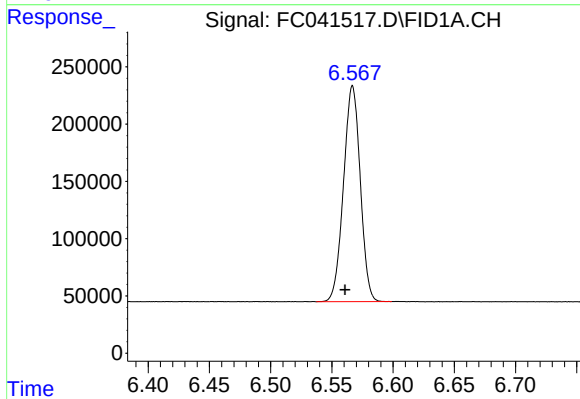
#2 n-Decane (C10)

R.T.: 4.554 min
Delta R.T.: 0.007 min
Response: 1772272
Conc: 20.33 ug/ml



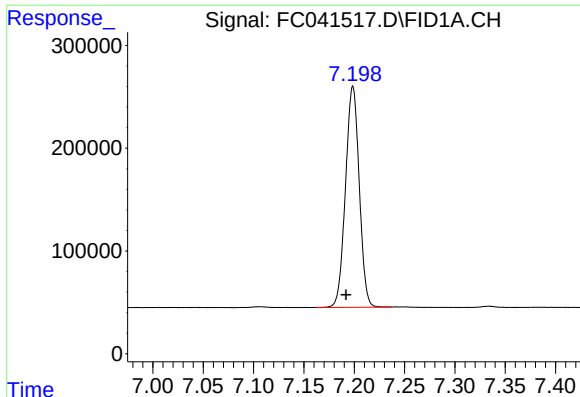
#3 A~Naphthalene (C11.7)

R.T.: 6.146 min
Delta R.T.: 0.007 min
Response: 2031685
Conc: 19.78 ug/ml



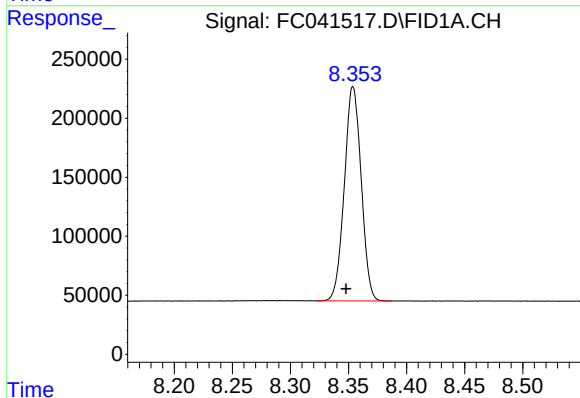
#4 n-Dodecane (C12)

R.T.: 6.567 min
Delta R.T.: 0.006 min
Response: 1797151
Conc: 20.38 ug/ml



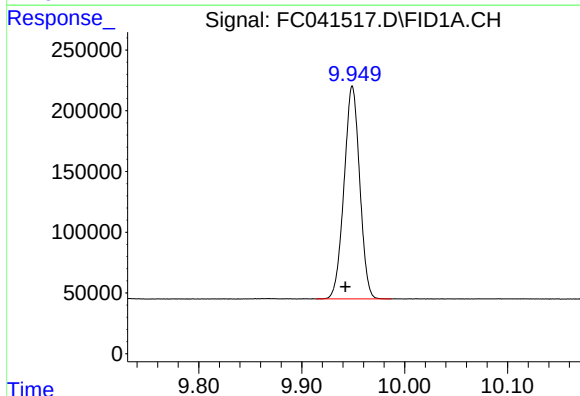
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.199 min
Delta R.T.: 0.007 min
Response: 2045667
Conc: 19.78 ug/ml



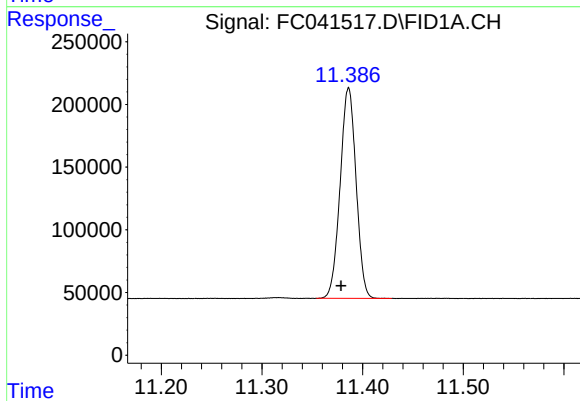
#6 n-Tetradecane (C14)

R.T.: 8.354 min
Delta R.T.: 0.006 min
Response: 1835517
Conc: 20.48 ug/ml



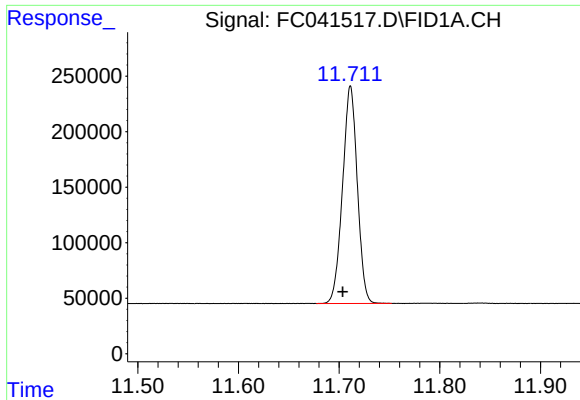
#7 n-Hexadecane (C16)

R.T.: 9.949 min
Delta R.T.: 0.007 min
Response: 1850803
Conc: 20.52 ug/ml



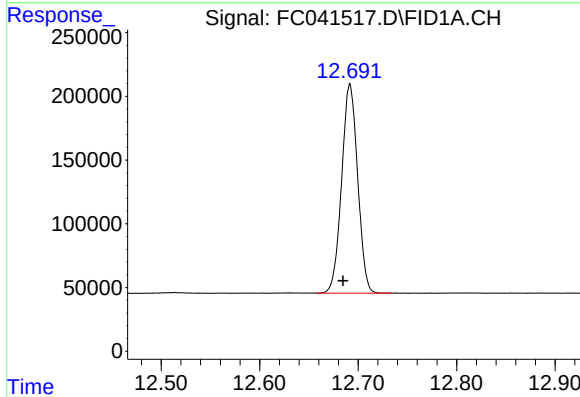
#8 n-Octadecane (C18)

R.T.: 11.386 min
Delta R.T.: 0.008 min
Response: 1848211
Conc: 20.46 ug/ml



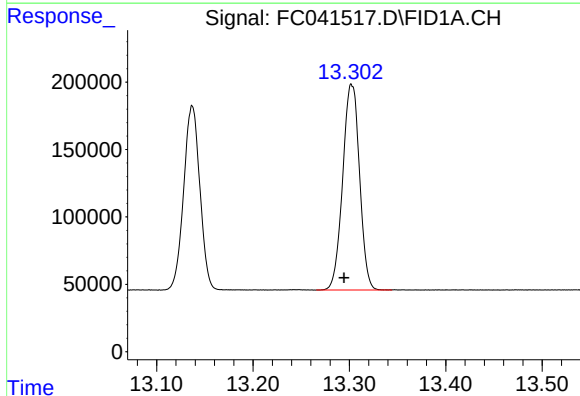
#9 ortho-Terphenyl (SURR)

R.T.: 11.711 min
Delta R.T.: 0.008 min
Response: 1998413
Conc: 19.81 ug/ml



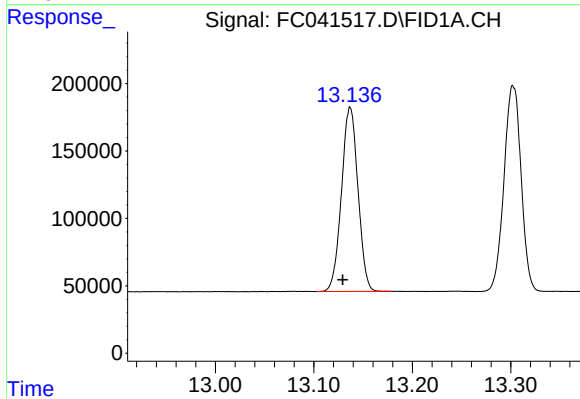
#10 n-Eicosane (C20)

R.T.: 12.692 min
Delta R.T.: 0.007 min
Response: 1855419
Conc: 20.39 ug/ml



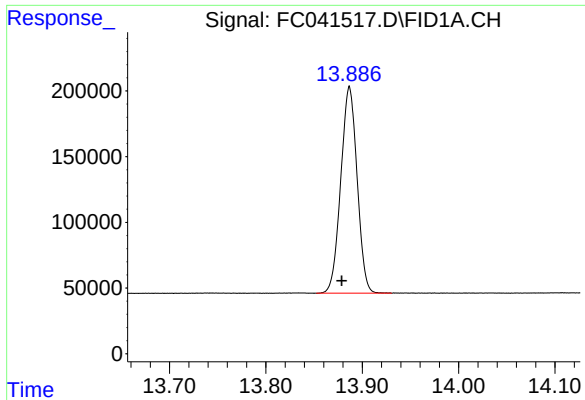
#11 n-Heneicosane (C21)

R.T.: 13.302 min
Delta R.T.: 0.008 min
Response: 1846723
Conc: 20.38 ug/ml



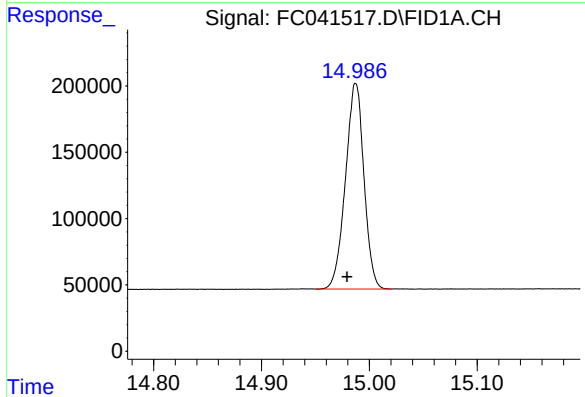
#12 1-chlorooctadecane (SURR)

R.T.: 13.137 min
Delta R.T.: 0.007 min
Response: 1589391
Conc: 20.02 ug/ml



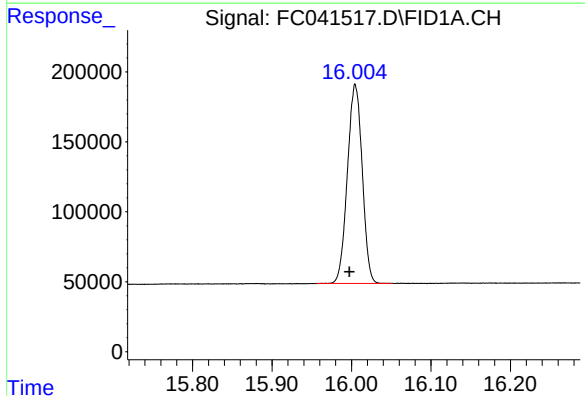
#13 n-Docosane (C22)

R.T.: 13.887 min
Delta R.T.: 0.008 min
Response: 1844437
Conc: 20.36 ug/ml



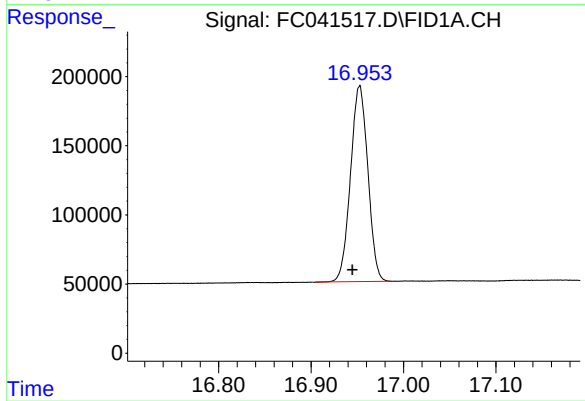
#14 n-Tetracosane (C24)

R.T.: 14.987 min
Delta R.T.: 0.008 min
Response: 1846913
Conc: 20.31 ug/ml



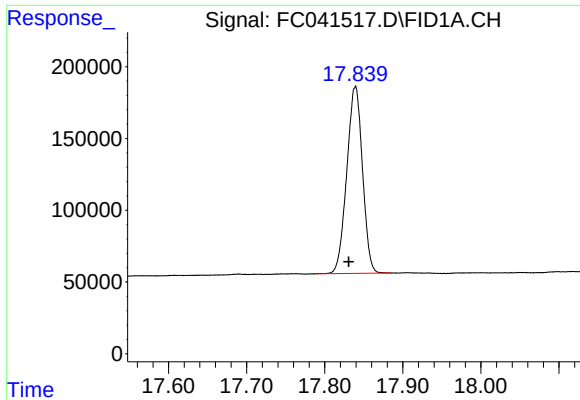
#15 n-Hexacosane (C26)

R.T.: 16.005 min
Delta R.T.: 0.007 min
Response: 1842937
Conc: 20.31 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.952 min
Delta R.T.: 0.008 min
Response: 1848654
Conc: 20.19 ug/ml



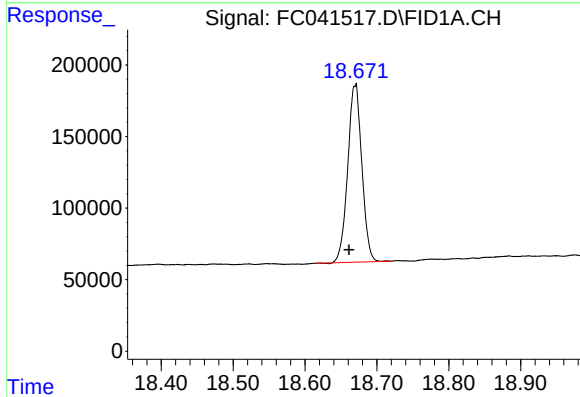
#17 n-Tricontane (C30)

R.T.: 17.839 min

Delta R.T.: 0.008 min

Response: 1819730

Conc: 20.25 ug/ml



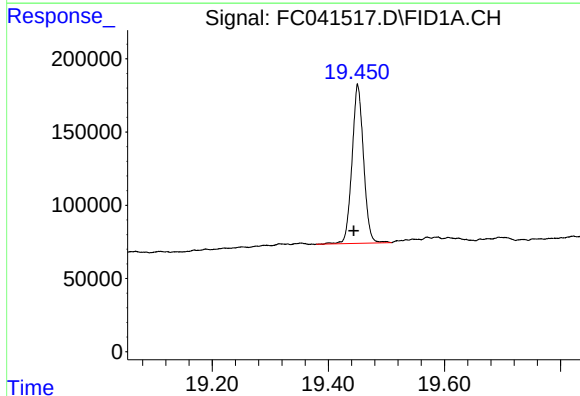
#18 n-Dotriacontane (C32)

R.T.: 18.670 min

Delta R.T.: 0.009 min

Response: 1690553

Conc: 20.20 ug/ml



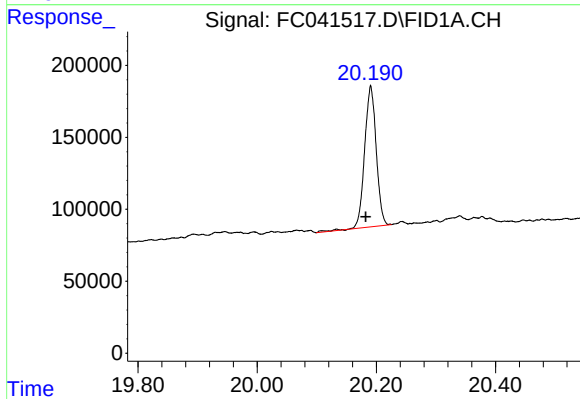
#19 n-Tetratriacontane (C34)

R.T.: 19.451 min

Delta R.T.: 0.007 min

Response: 1492008

Conc: 20.87 ug/ml



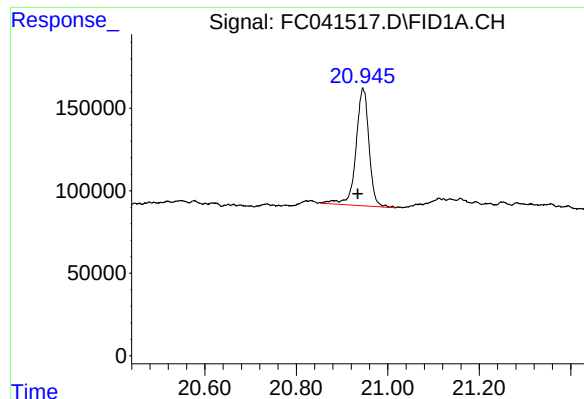
#20 n-Hexatriacontane (C36)

R.T.: 20.191 min

Delta R.T.: 0.008 min

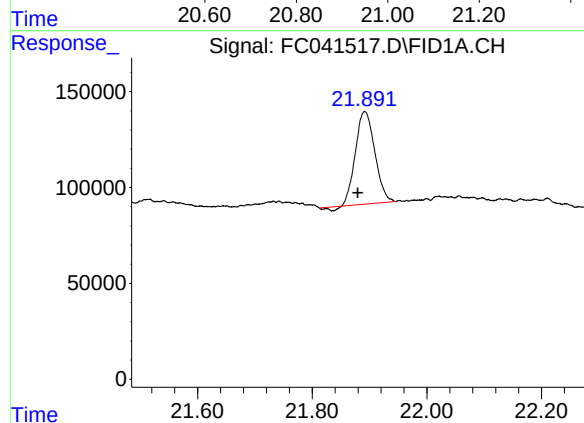
Response: 1324452

Conc: 20.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.946 min
Delta R.T.: 0.012 min
Response: 1404879
Conc: 23.28 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.892 min
Delta R.T.: 0.012 min
Response: 1121996
Conc: 19.07 ug/ml