

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072219AL\
 Data File : FC042475.D
 Signal(s) : FID1A.CH
 Acq On : 22 Jul 2019 12:34
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jul 23 01:53:45 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)	11.696	2739114	20.695 ug/ml
Spiked Amount 50.000		Recovery =	41.39%
12) S 1-chlorooctadecane (S...	13.118	2242845	20.459 ug/ml
Spiked Amount 50.000		Recovery =	40.92%
Target Compounds			
1) T n-Nonane (C9)	3.493	2440243	20.959 ug/ml
2) T n-Decane (C10)	4.557	2573723	21.814 ug/ml
3) T A~Naphthalene (C11.7)	6.144	2837104	21.855 ug/ml
4) T n-Dodecane (C12)	6.562	2612108	22.014 ug/ml
5) T A~2-methylnaphthalene...	7.195	2858903	22.002 ug/ml
6) T n-Tetradecane (C14)	8.344	2620989	22.029 ug/ml
7) T n-Hexadecane (C16)	9.936	2617136	21.797 ug/ml
8) T n-Octadecane (C18)	11.370	2615666	21.433 ug/ml
10) T n-Eicosane (C20)	12.674	2607213	20.905 ug/ml
11) T n-Heneicosane (C21)	13.283	2575555	20.575 ug/ml
13) T n-Docosane (C22)	13.867	2543384	20.278 ug/ml
14) T n-Tetracosane (C24)	14.965	2478999	19.570 ug/ml
15) T n-Hexacosane (C26)	15.982	2396121	18.950 ug/ml
16) T n-Octacosane (C28)	16.929	2328588	18.453 ug/ml
17) T n-Tricontane (C30)	17.813	2231890	18.206 ug/ml
18) T n-Dotriacontane (C32)	18.643	2046844	18.319 ug/ml
19) T n-Tetratriacontane (C34)	19.423	1737445	18.761 ug/ml
20) T n-Hexatriacontane (C36)	20.161	1563953	19.624 ug/ml
21) T n-Octatriacontane (C38)	20.908	1483547	20.693 ug/ml
22) T n-Tetracontane (C40)	21.845	1509078	21.747 ug/ml

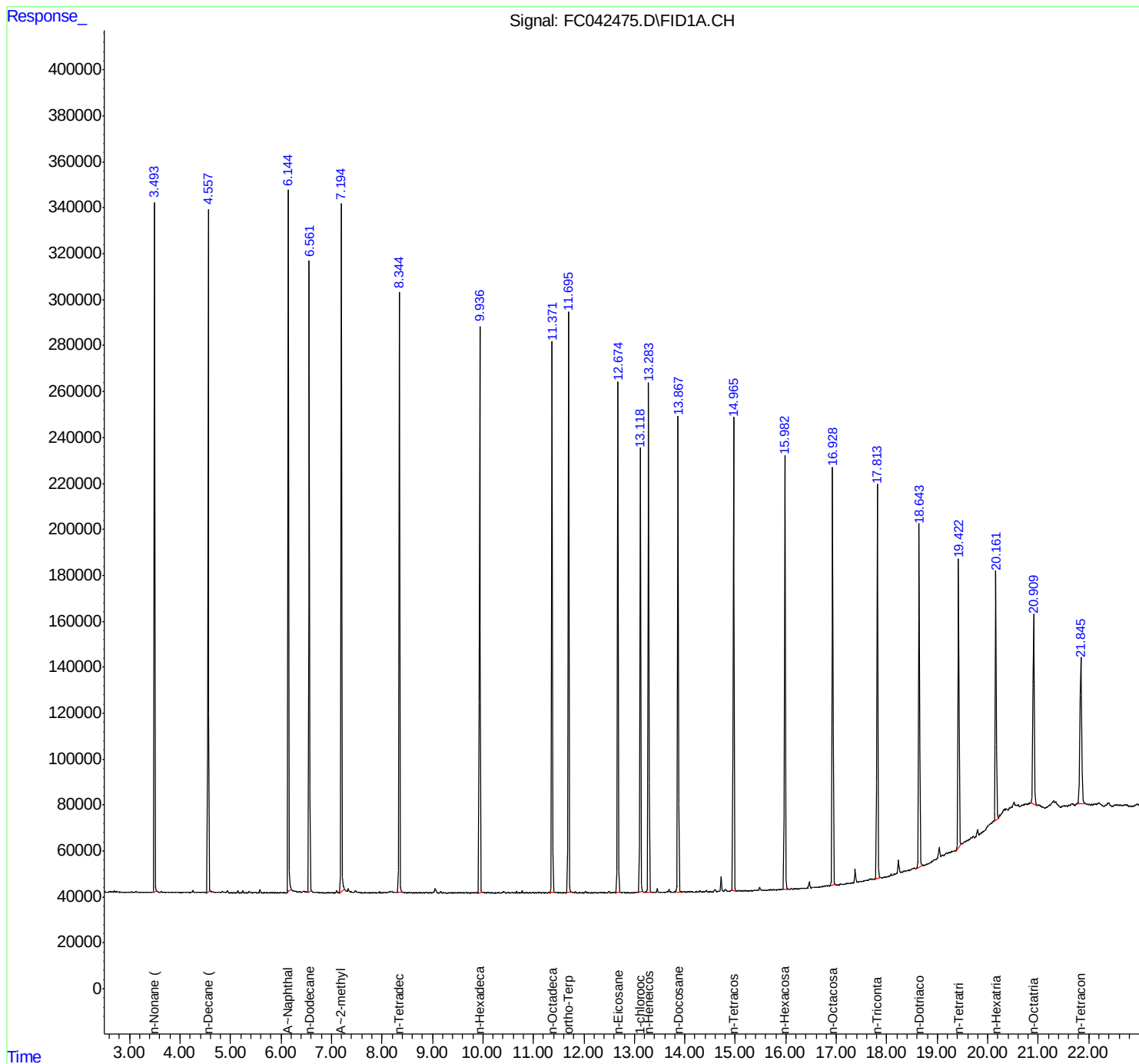
(f)=RT Delta > 1/2 Window

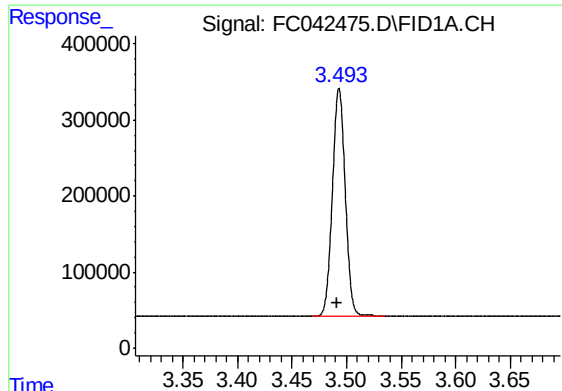
(m)=manual int.

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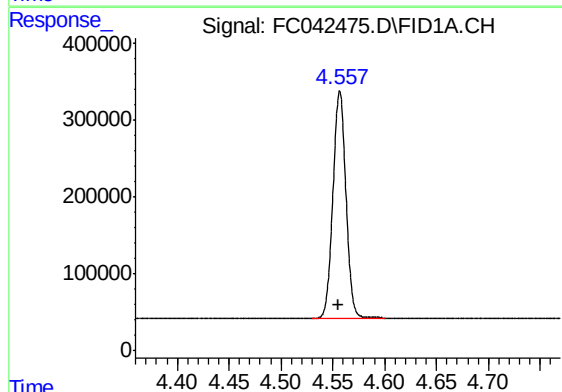
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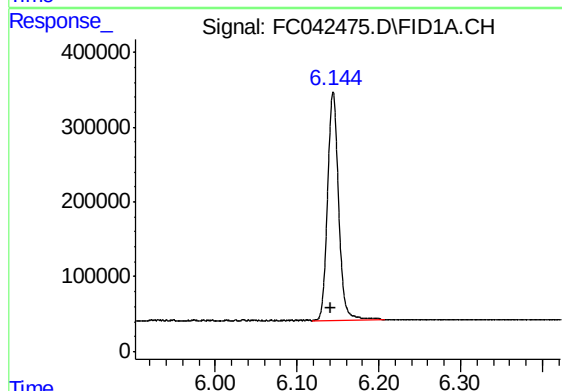
#1 n-Nonane (C9)

R.T.: 3.493 min
Delta R.T.: 0.002 min
Response: 2440243
Conc: 20.96 ug/ml



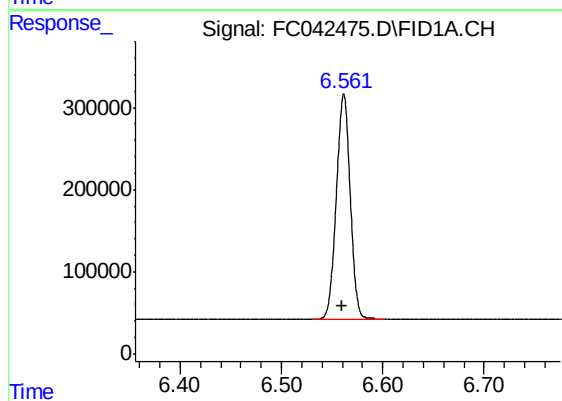
#2 n-Decane (C10)

R.T.: 4.557 min
Delta R.T.: 0.002 min
Response: 2573723
Conc: 21.81 ug/ml



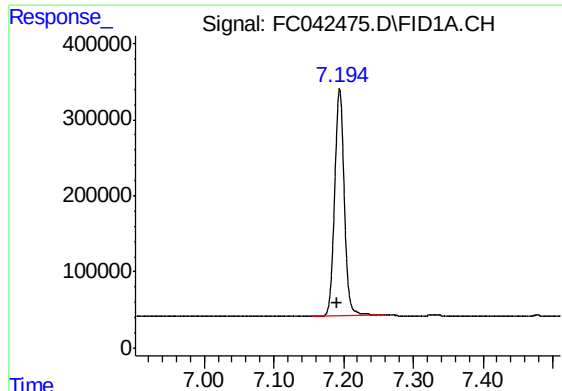
#3 A~Naphthalene (C11.7)

R.T.: 6.144 min
Delta R.T.: 0.003 min
Response: 2837104
Conc: 21.86 ug/ml



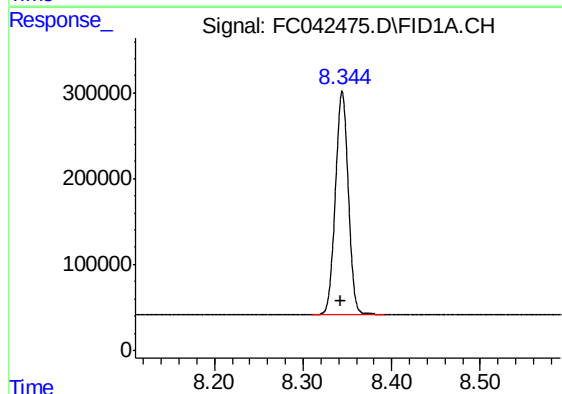
#4 n-Dodecane (C12)

R.T.: 6.562 min
Delta R.T.: 0.002 min
Response: 2612108
Conc: 22.01 ug/ml



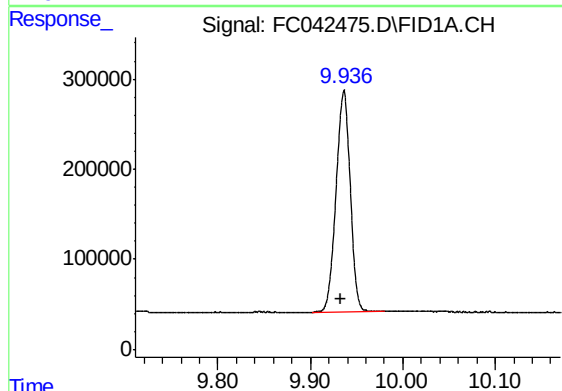
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.195 min
Delta R.T.: 0.004 min
Response: 2858903
Conc: 22.00 ug/ml



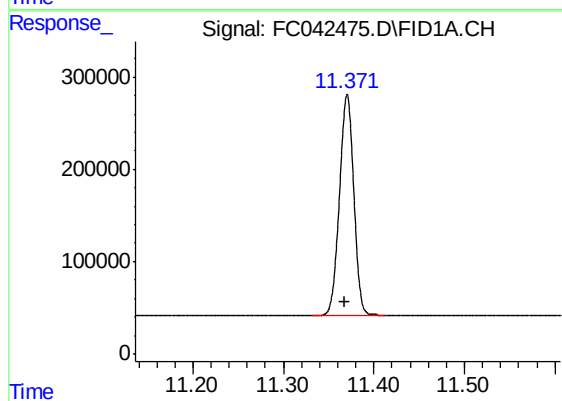
#6 n-Tetradecane (C14)

R.T.: 8.344 min
Delta R.T.: 0.002 min
Response: 2620989
Conc: 22.03 ug/ml



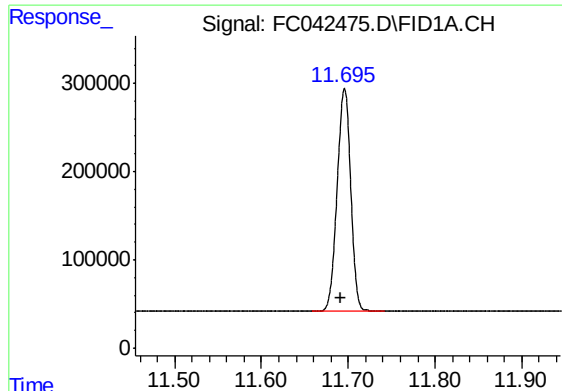
#7 n-Hexadecane (C16)

R.T.: 9.936 min
Delta R.T.: 0.003 min
Response: 2617136
Conc: 21.80 ug/ml



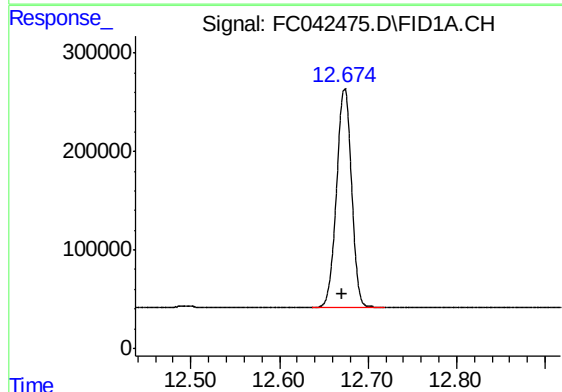
#8 n-Octadecane (C18)

R.T.: 11.370 min
Delta R.T.: 0.002 min
Response: 2615666
Conc: 21.43 ug/ml



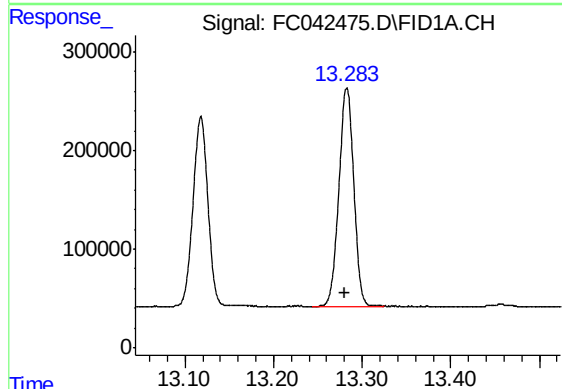
#9 ortho-Terphenyl (SURR)

R.T.: 11.696 min
Delta R.T.: 0.005 min
Response: 2739114
Conc: 20.70 ug/ml



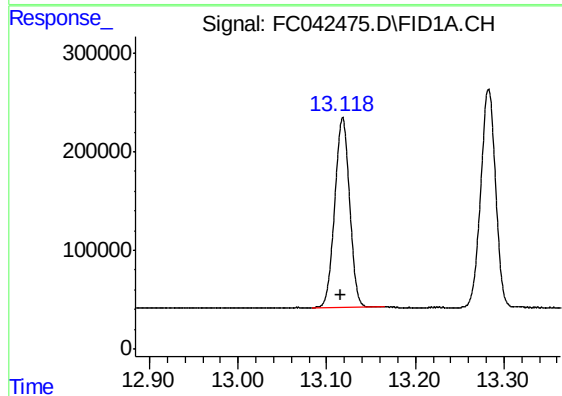
#10 n-Eicosane (C20)

R.T.: 12.674 min
Delta R.T.: 0.003 min
Response: 2607213
Conc: 20.91 ug/ml



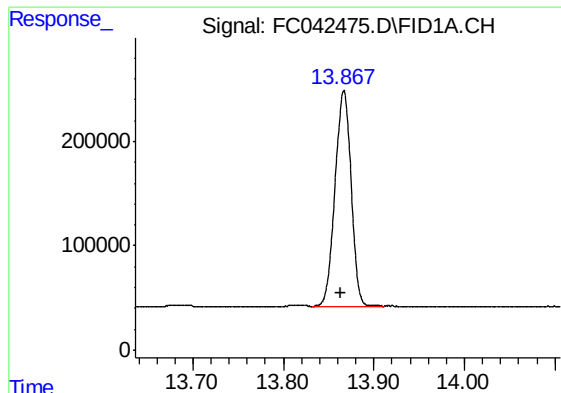
#11 n-Heneicosane (C21)

R.T.: 13.283 min
Delta R.T.: 0.003 min
Response: 2575555
Conc: 20.58 ug/ml



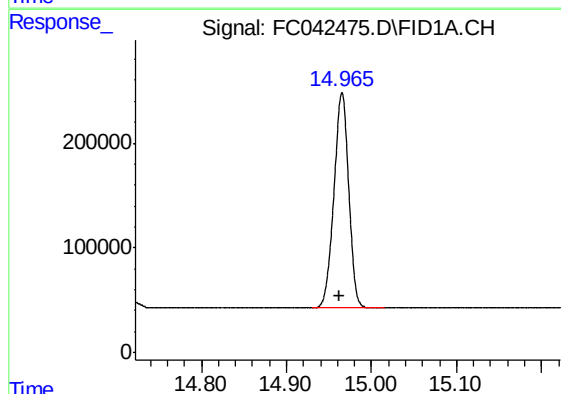
#12 1-chlorooctadecane (SURR)

R.T.: 13.118 min
Delta R.T.: 0.003 min
Response: 2242845
Conc: 20.46 ug/ml



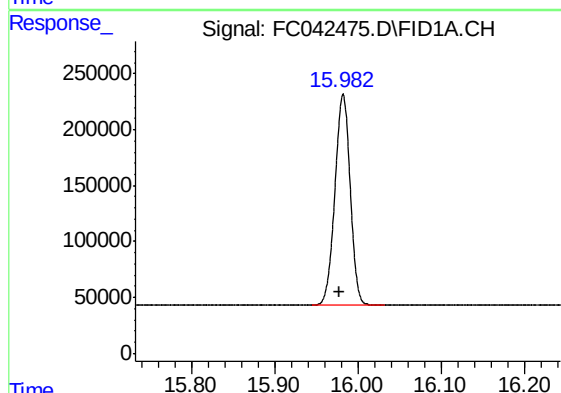
#13 n-Docosane (C22)

R.T.: 13.867 min
Delta R.T.: 0.003 min
Response: 2543384
Conc: 20.28 ug/ml



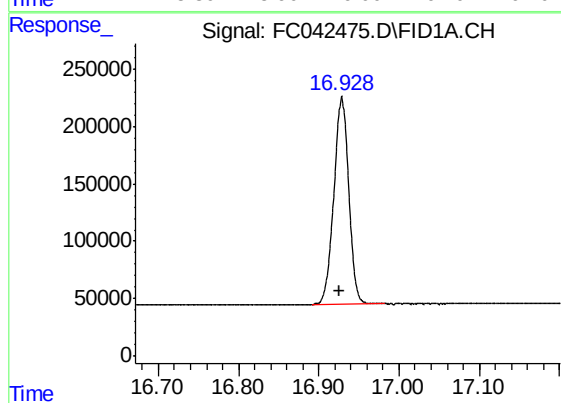
#14 n-Tetracosane (C24)

R.T.: 14.965 min
Delta R.T.: 0.004 min
Response: 2478999
Conc: 19.57 ug/ml



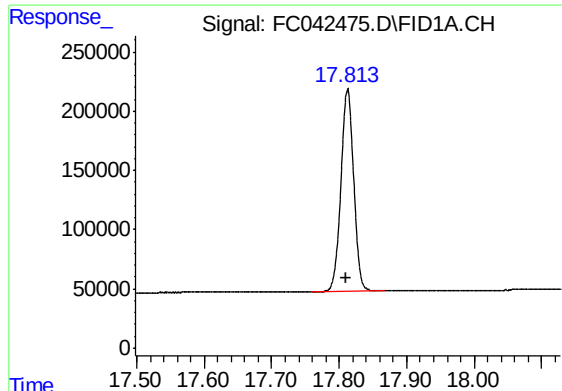
#15 n-Hexacosane (C26)

R.T.: 15.982 min
Delta R.T.: 0.004 min
Response: 2396121
Conc: 18.95 ug/ml



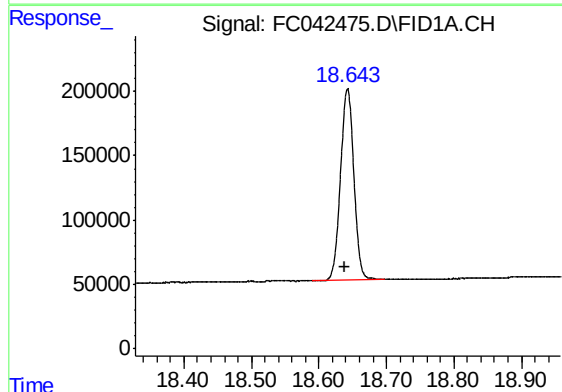
#16 n-Octacosane (C28)

R.T.: 16.929 min
Delta R.T.: 0.002 min
Response: 2328588
Conc: 18.45 ug/ml



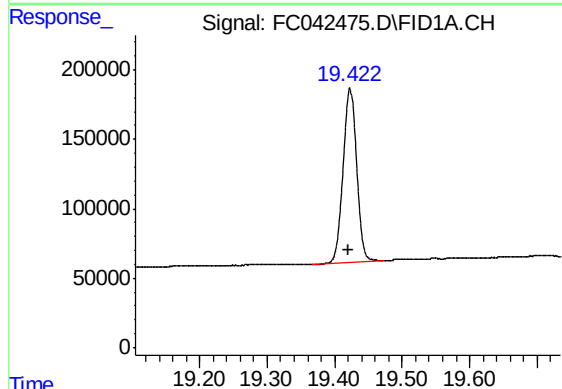
#17 n-Tricontane (C30)

R.T.: 17.813 min
Delta R.T.: 0.002 min
Response: 2231890
Conc: 18.21 ug/ml



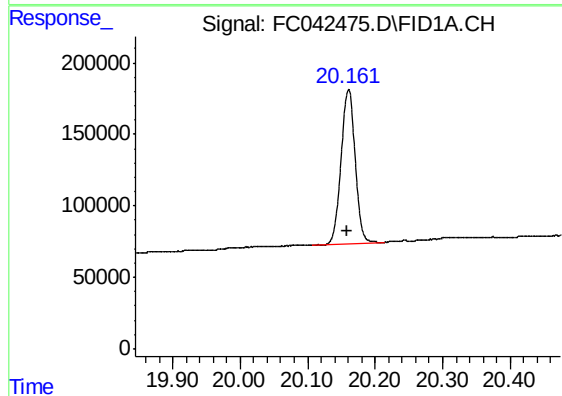
#18 n-Dotriacontane (C32)

R.T.: 18.643 min
Delta R.T.: 0.003 min
Response: 2046844
Conc: 18.32 ug/ml



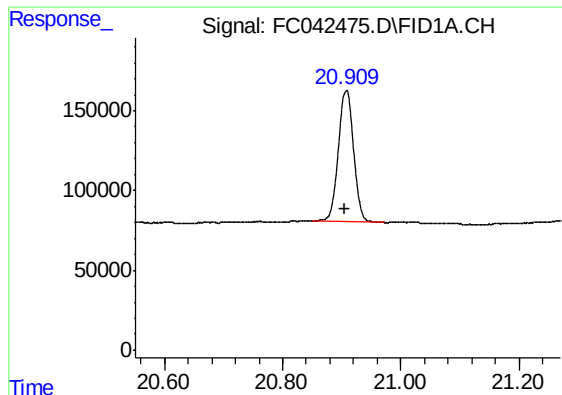
#19 n-Tetatriacontane (C34)

R.T.: 19.423 min
Delta R.T.: 0.003 min
Response: 1737445
Conc: 18.76 ug/ml



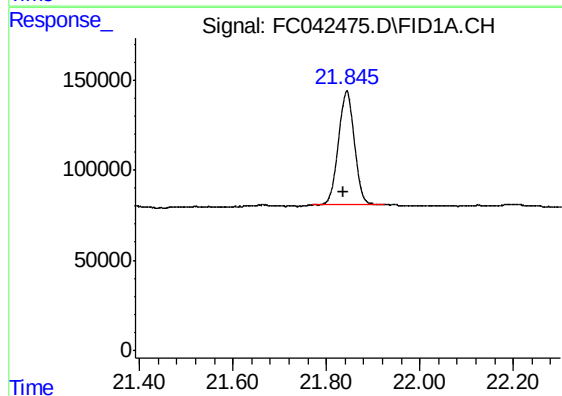
#20 n-Hexatriacontane (C36)

R.T.: 20.161 min
Delta R.T.: 0.003 min
Response: 1563953
Conc: 19.62 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.908 min
Delta R.T.: 0.004 min
Response: 1483547
Conc: 20.69 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.845 min
Delta R.T.: 0.007 min
Response: 1509078
Conc: 21.75 ug/ml