

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071218AL\
 Data File : FC035319.D
 Signal(s) : FID1A.CH
 Acq On : 13 Jul 2018 8:28
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 13 09:55:09 2018
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\FID_C\Method\Alaphatic EPH 062518.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 25 14:27:40 2018
 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)	11.439	2007740	19.500 ug/ml
Spiked Amount 50.000		Recovery =	39.00%
12) S 1-chlorooctadecane (S...	12.880	1503747	18.787 ug/ml
Spiked Amount 50.000		Recovery =	37.57%
Target Compounds			
1) T n-Nonane (C9)	3.232	1398244	16.674 ug/ml
2) T n-Decane (C10)	4.301	1459429	17.413 ug/ml
3) T A-Naphthalene (C11.7)	5.877	1848340	19.479 ug/ml
4) T n-Dodecane (C12)	6.316	1565736	18.141 ug/ml
5) T A-2-methylnaphthalene...	6.929	1900279	19.734 ug/ml
6) T n-Tetradecane (C14)	8.104	1655081	18.560 ug/ml
7) T n-Hexadecane (C16)	9.697	1717751	18.723 ug/ml
8) T n-Octadecane (C18)	11.133	1736734	18.402 ug/ml
10) T n-Eicosane (C20)	12.439	1793431	18.598 ug/ml
11) T n-Heneicosane (C21)	13.048	1788688	18.829 ug/ml
13) T n-Docosane (C22)	13.633	1818684	19.055 ug/ml
14) T n-Tetracosane (C24)	14.733	1863226	19.520 ug/ml
15) T n-Hexacosane (C26)	15.750	1881803	19.906 ug/ml
16) T n-Octacosane (C28)	16.699	1951551	20.757 ug/ml
17) T n-Tricontane (C30)	17.583	1934808	21.057 ug/ml
18) T n-Dotriacontane (C32)	18.413	1949340	21.954 ug/ml
19) T n-Tetratriacontane (C34)	19.195	1832218	20.250 ug/ml
20) T n-Hexatriacontane (C36)	19.934	1729635	19.291 ug/ml
21) T n-Octatriacontane (C38)	20.649	1480175	16.049 ug/ml
22) T n-Tetracontane (C40)	21.508	1708586	18.180 ug/ml

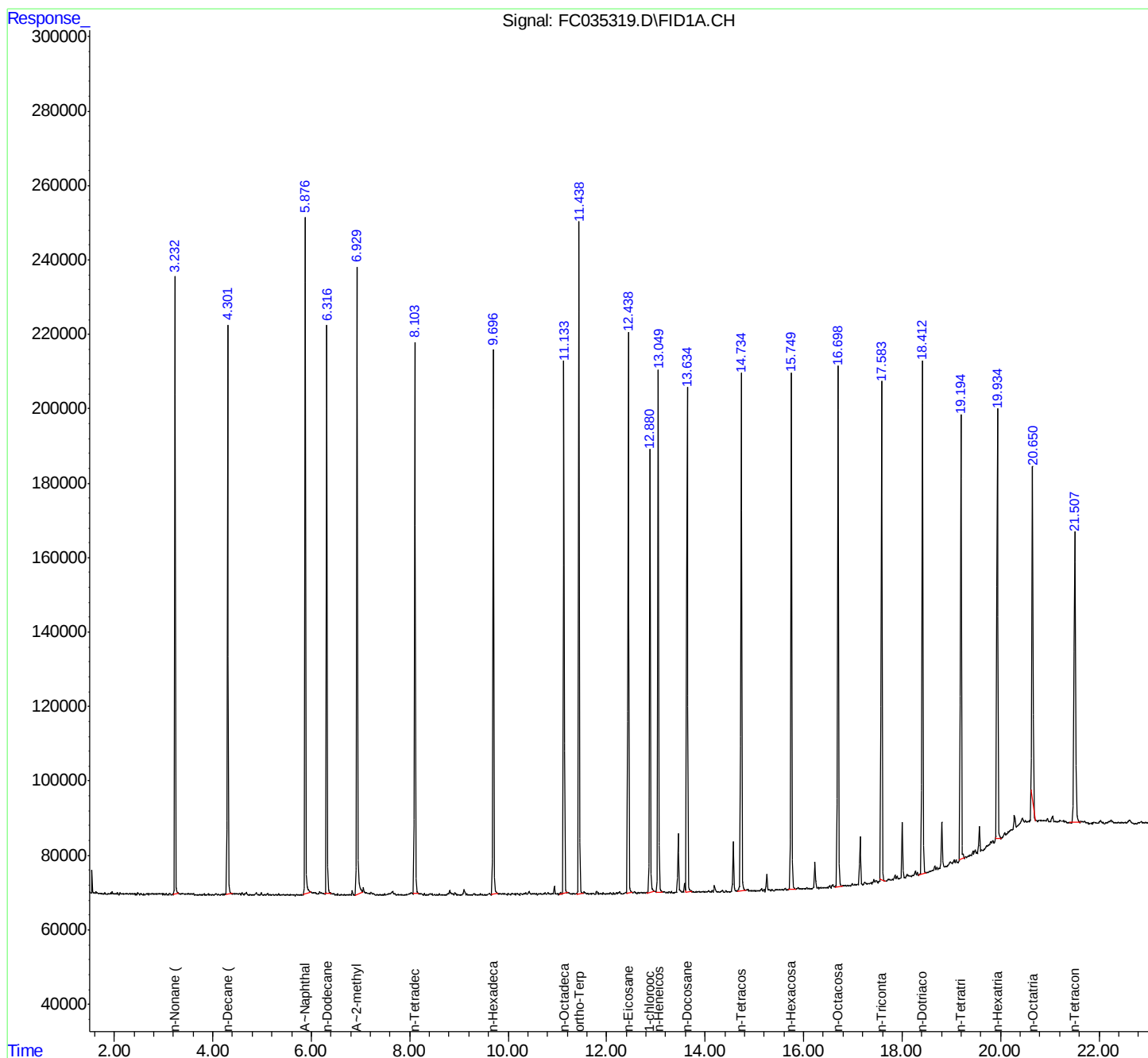
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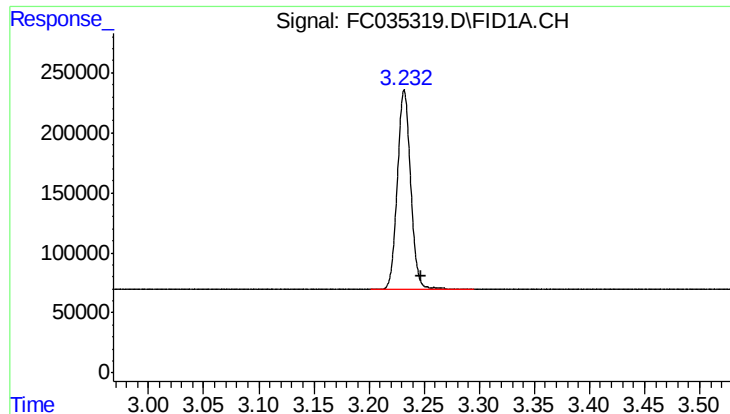
(m)=manual int.

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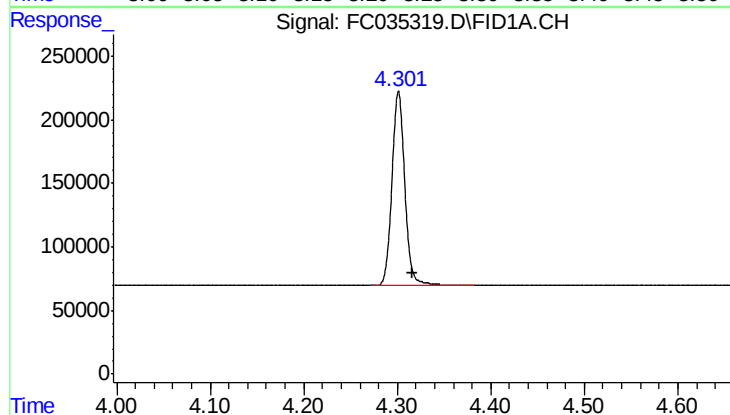
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





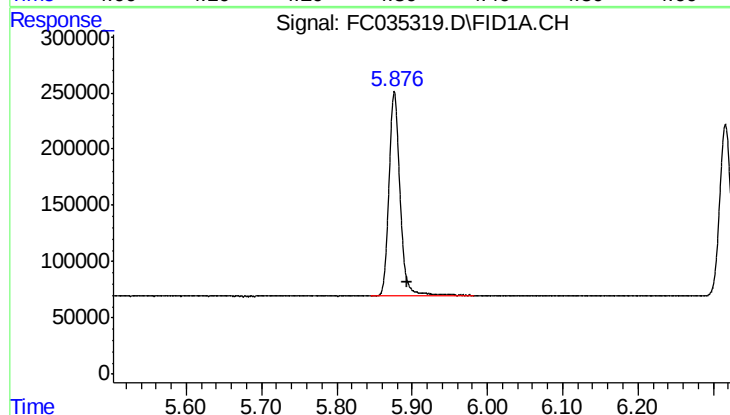
#1 n-Nonane (C9)

R.T.: 3.232 min
Delta R.T.: -0.015 min
Response: 1398244
Conc: 16.67 ug/ml



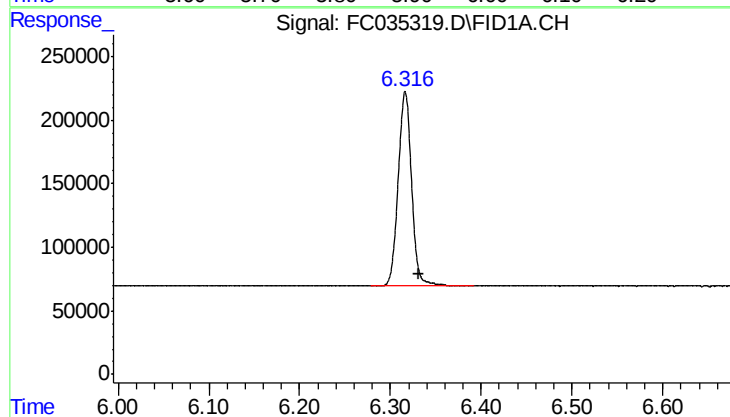
#2 n-Decane (C10)

R.T.: 4.301 min
Delta R.T.: -0.014 min
Response: 1459429
Conc: 17.41 ug/ml



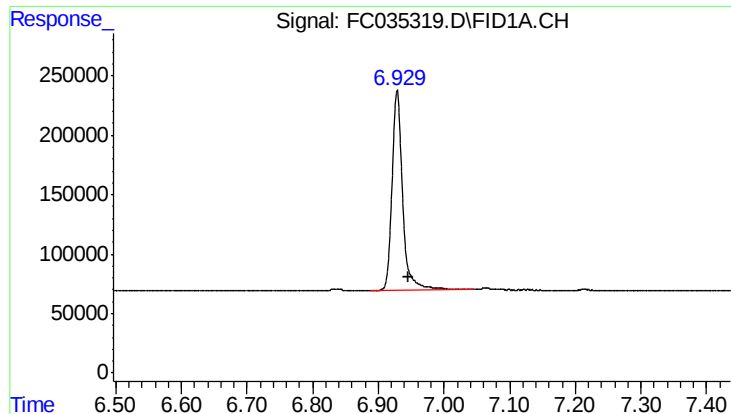
#3 A-Naphthalene (C11.7)

R.T.: 5.877 min
Delta R.T.: -0.017 min
Response: 1848340
Conc: 19.48 ug/ml



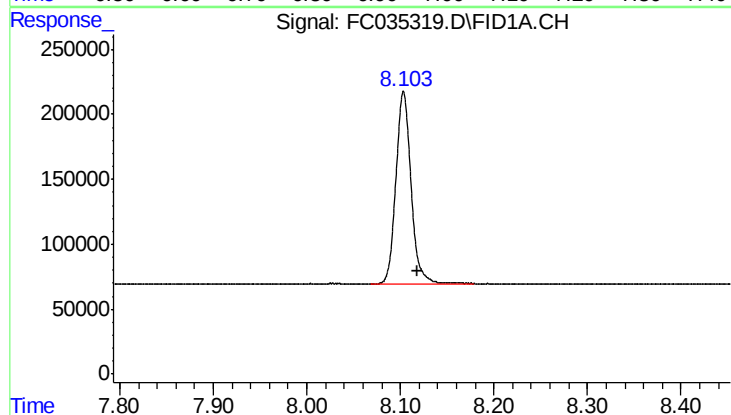
#4 n-Dodecane (C12)

R.T.: 6.316 min
Delta R.T.: -0.014 min
Response: 1565736
Conc: 18.14 ug/ml



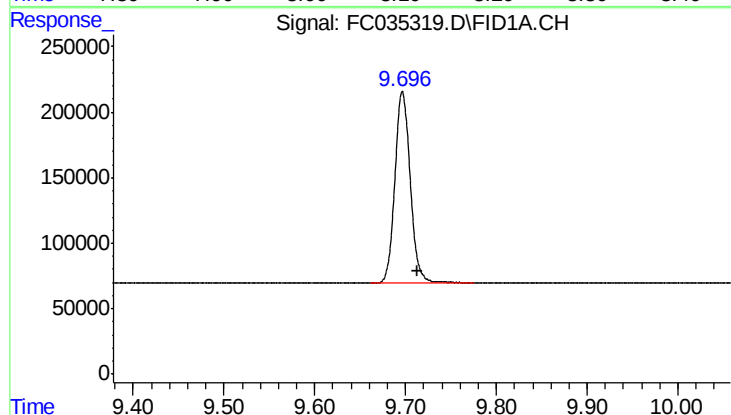
#5 A-2-methylnaphthalene (C12.89)

R.T.: 6.929 min
Delta R.T.: -0.017 min
Response: 1900279
Conc: 19.73 ug/ml



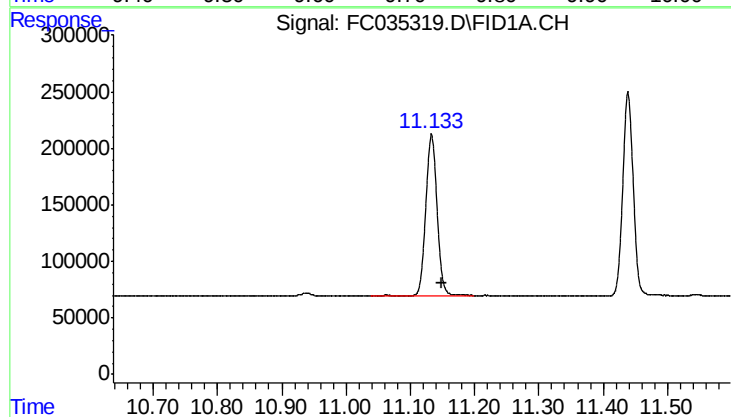
#6 n-Tetradecane (C14)

R.T.: 8.104 min
Delta R.T.: -0.015 min
Response: 1655081
Conc: 18.56 ug/ml



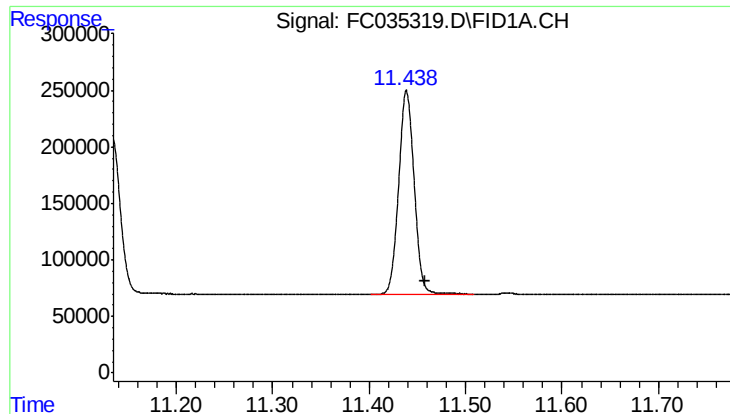
#7 n-Hexadecane (C16)

R.T.: 9.697 min
Delta R.T.: -0.016 min
Response: 1717751
Conc: 18.72 ug/ml



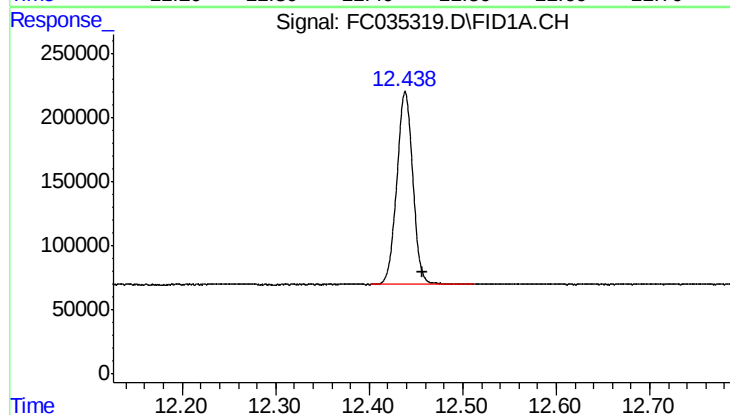
#8 n-Octadecane (C18)

R.T.: 11.133 min
Delta R.T.: -0.016 min
Response: 1736734
Conc: 18.40 ug/ml



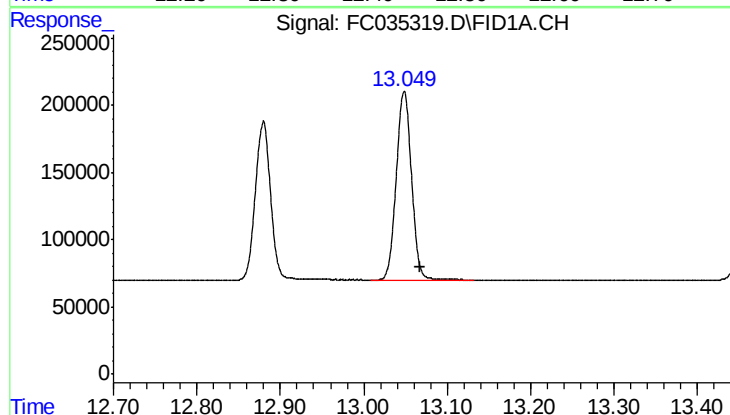
#9 ortho-Terphenyl (SURR)

R.T.: 11.439 min
Delta R.T.: -0.019 min
Response: 2007740
Conc: 19.50 ug/ml



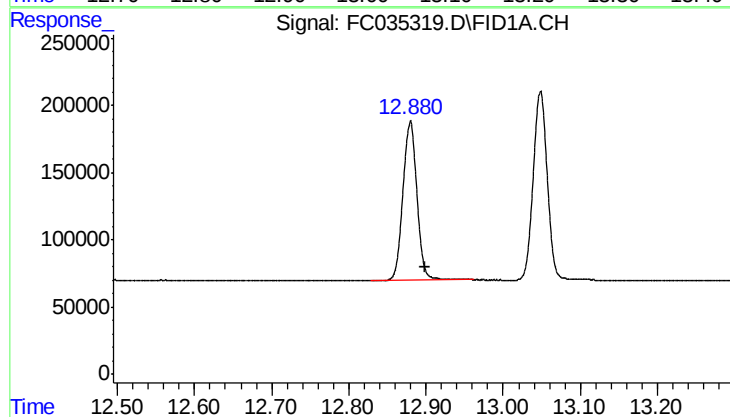
#10 n-Eicosane (C20)

R.T.: 12.439 min
Delta R.T.: -0.018 min
Response: 1793431
Conc: 18.60 ug/ml



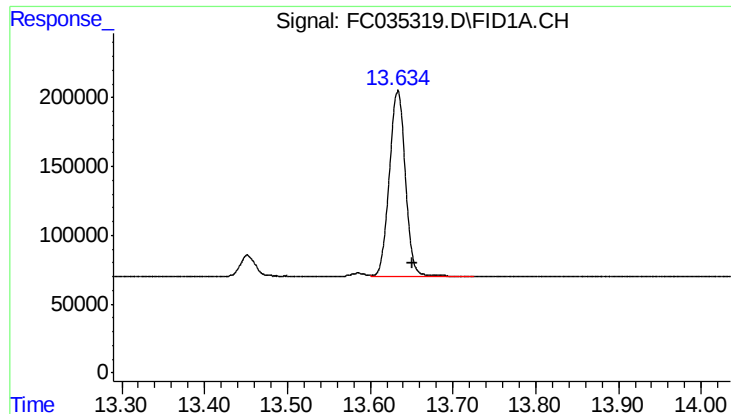
#11 n-Heneicosane (C21)

R.T.: 13.048 min
Delta R.T.: -0.018 min
Response: 1788688
Conc: 18.83 ug/ml



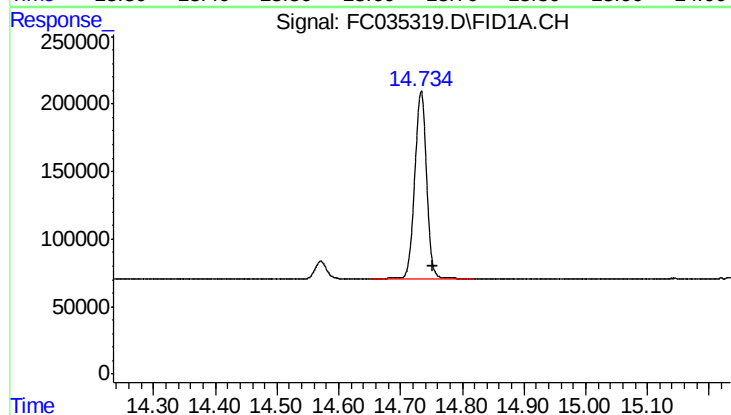
#12 1-chlorooctadecane (SURR)

R.T.: 12.880 min
Delta R.T.: -0.019 min
Response: 1503747
Conc: 18.79 ug/ml



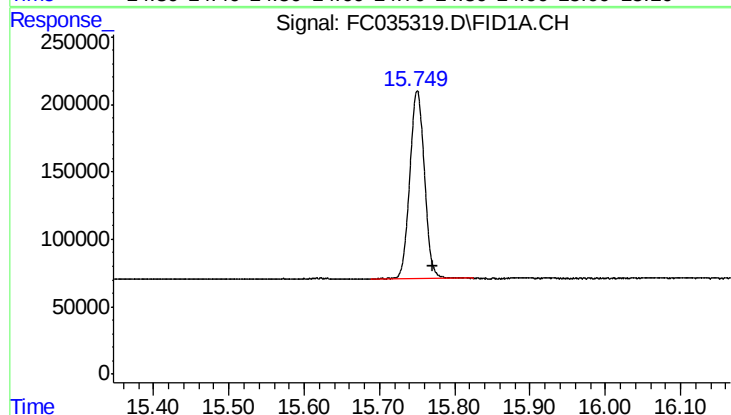
#13 n-Docosane (C22)

R.T.: 13.633 min
Delta R.T.: -0.018 min
Response: 1818684
Conc: 19.06 ug/ml



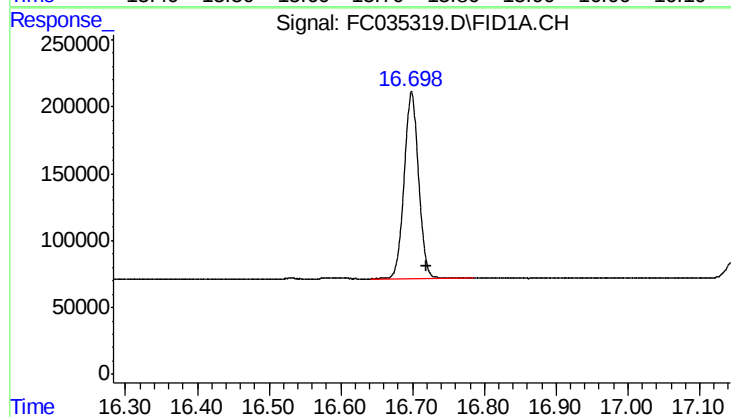
#14 n-Tetracosane (C24)

R.T.: 14.733 min
Delta R.T.: -0.020 min
Response: 1863226
Conc: 19.52 ug/ml



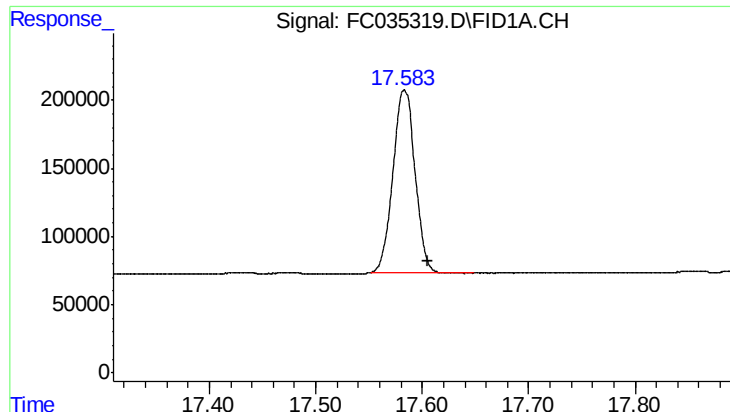
#15 n-Hexacosane (C26)

R.T.: 15.750 min
Delta R.T.: -0.020 min
Response: 1881803
Conc: 19.91 ug/ml



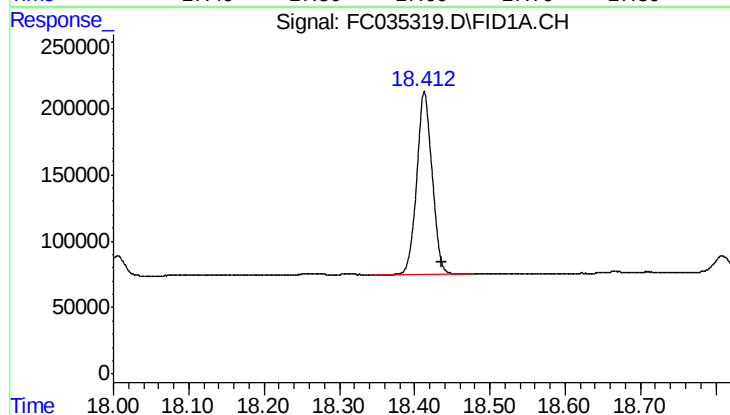
#16 n-Octacosane (C28)

R.T.: 16.699 min
Delta R.T.: -0.020 min
Response: 1951551
Conc: 20.76 ug/ml



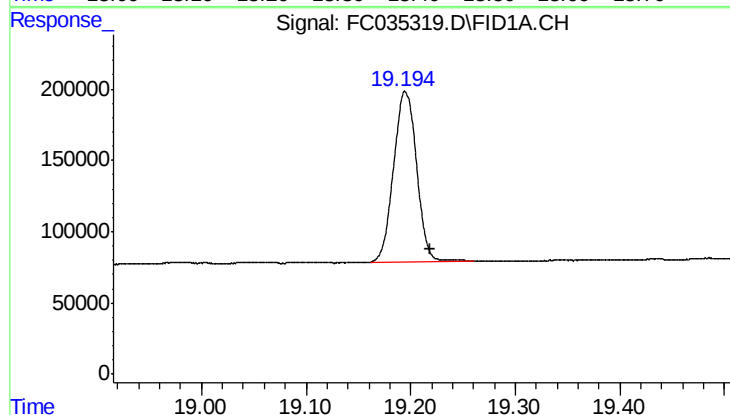
#17 n-Tricontane (C30)

R.T.: 17.583 min
Delta R.T.: -0.022 min
Response: 1934808
Conc: 21.06 ug/ml



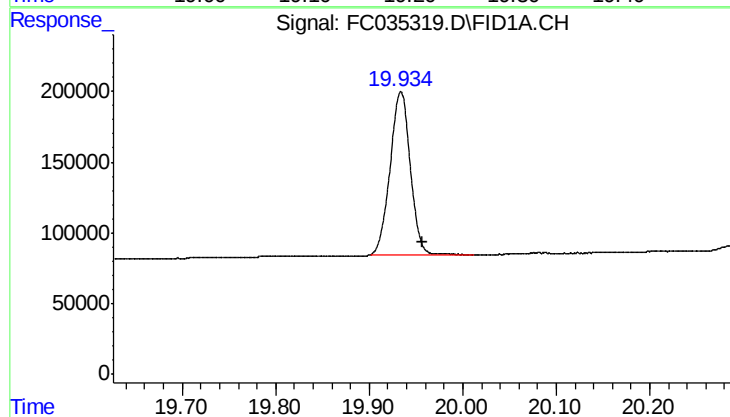
#18 n-Dotriacontane (C32)

R.T.: 18.413 min
Delta R.T.: -0.022 min
Response: 1949340
Conc: 21.95 ug/ml



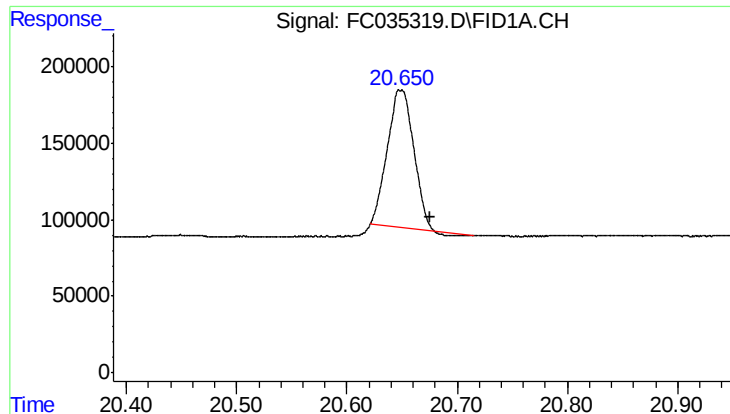
#19 n-Tetratriacontane (C34)

R.T.: 19.195 min
Delta R.T.: -0.024 min
Response: 1832218
Conc: 20.25 ug/ml



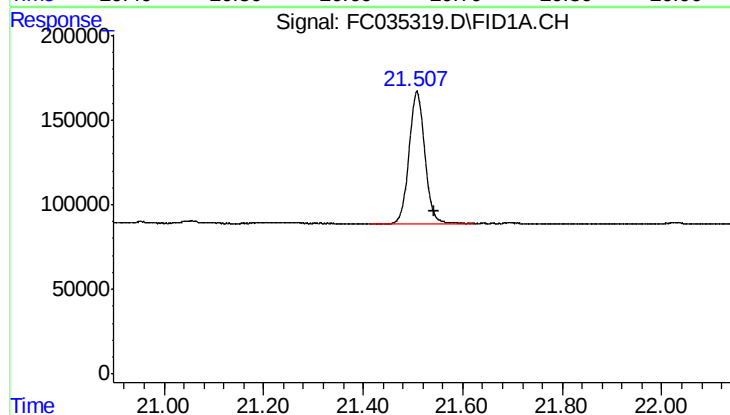
#20 n-Hexatriacontane (C36)

R.T.: 19.934 min
Delta R.T.: -0.024 min
Response: 1729635
Conc: 19.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.649 min
Delta R.T.: -0.027 min
Response: 1480175
Conc: 16.05 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.508 min
Delta R.T.: -0.034 min
Response: 1708586
Conc: 18.18 ug/ml