

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC083118AL\
 Data File : FC036147.D
 Signal(s) : FID1A.CH
 Acq On : 31 Aug 2018 13:09
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 31 13:34:06 2018
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\FID_C\Method\Alaphatic EPH 082118.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 21 16:09:01 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)	11.411	2616768	23.468 ug/ml
Spiked Amount 50.000		Recovery =	46.94%
12) S 1-chlorooctadecane (S...	12.850	1810671	22.187 ug/ml
Spiked Amount 50.000		Recovery =	44.37%
Target Compounds			
1) T n-Nonane (C9)	3.213	1913357	21.302 ug/ml
2) T n-Decane (C10)	4.280	1969153	21.877 ug/ml
3) T A-Naphthalene (C11.7)	5.853	2442627	24.271 ug/ml
4) T n-Dodecane (C12)	6.293	2015573	21.733 ug/ml
5) T A-2-methylnaphthalene...	6.903	2480458	24.635 ug/ml
6) T n-Tetradecane (C14)	8.078	2045580	21.550 ug/ml
7) T n-Hexadecane (C16)	9.671	2057950	21.619 ug/ml
8) T n-Octadecane (C18)	11.106	2079490	21.168 ug/ml
10) T n-Eicosane (C20)	12.410	2080950	21.534 ug/ml
11) T n-Heneicosane (C21)	13.019	2055073	21.833 ug/ml
13) T n-Docosane (C22)	13.604	2039582	21.901 ug/ml
14) T n-Tetracosane (C24)	14.702	2009723	21.977 ug/ml
15) T n-Hexacosane (C26)	15.720	1980036	22.075 ug/ml
16) T n-Octacosane (C28)	16.666	1946384	21.390 ug/ml
17) T n-Tricontane (C30)	17.550	1894390	19.687 ug/ml
18) T n-Dotriacontane (C32)	18.380	1880558	19.916 ug/ml
19) T n-Tetratriacontane (C34)	19.160	1801533	20.344 ug/ml
20) T n-Hexatriacontane (C36)	19.897	1694651	20.003 ug/ml
21) T n-Octatriacontane (C38)	20.606	1565974	18.779 ug/ml
22) T n-Tetracontane (C40)	21.453	1433574	17.072 ug/ml

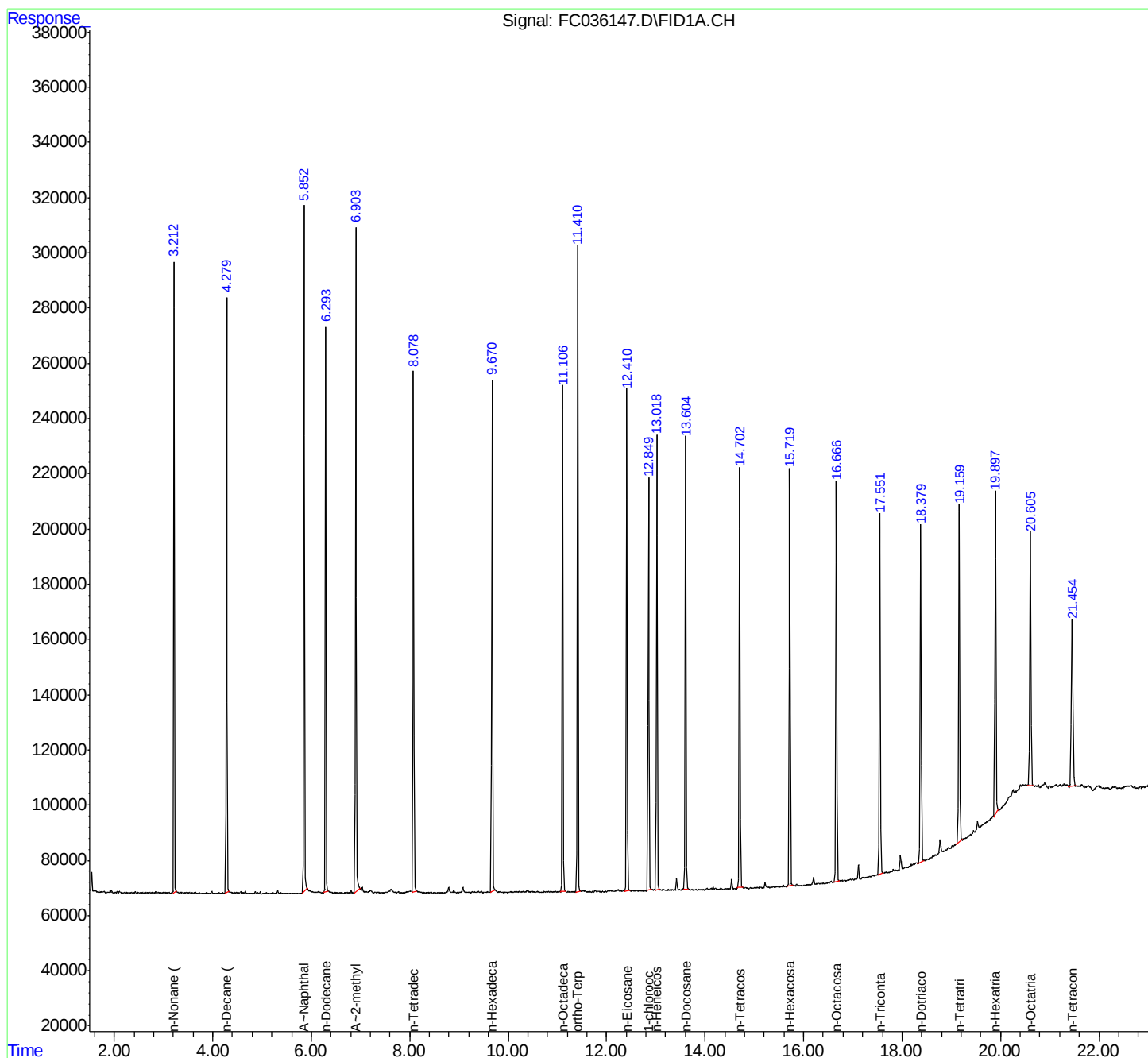
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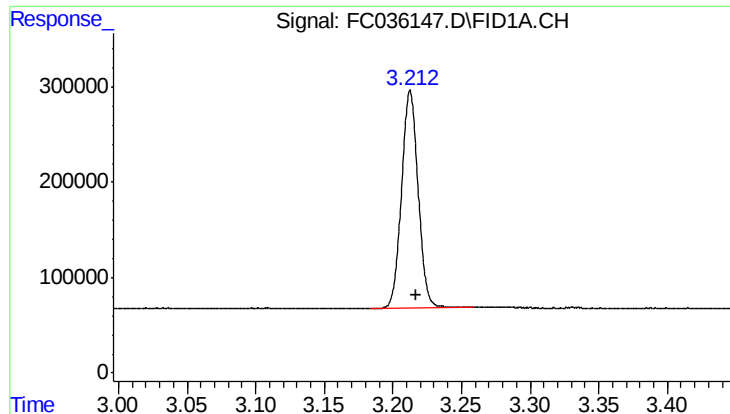
(m)=manual int.

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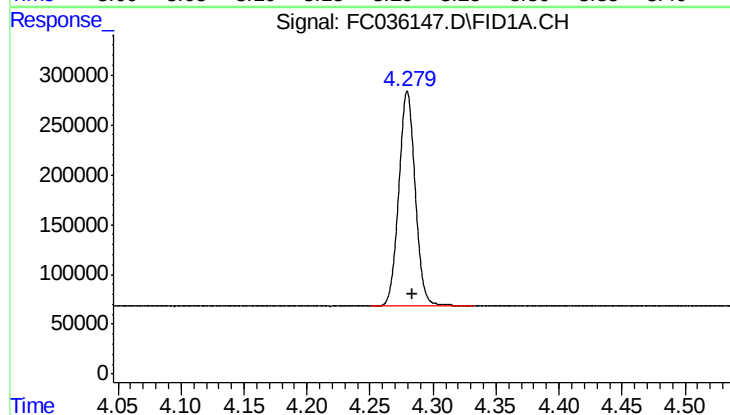
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





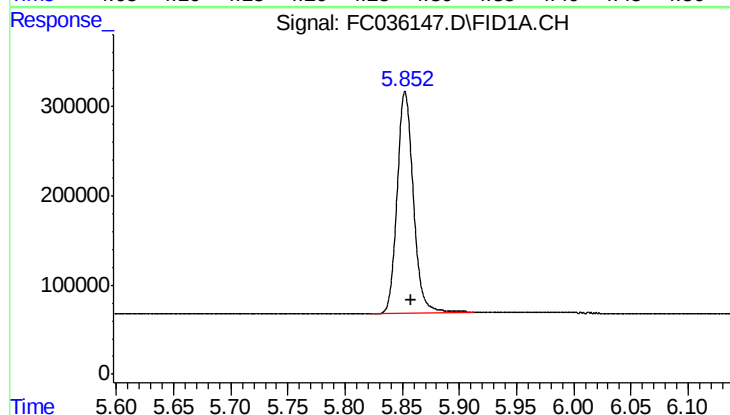
#1 n-Nonane (C9)

R.T.: 3.213 min
Delta R.T.: -0.004 min
Response: 1913357
Conc: 21.30 ug/ml



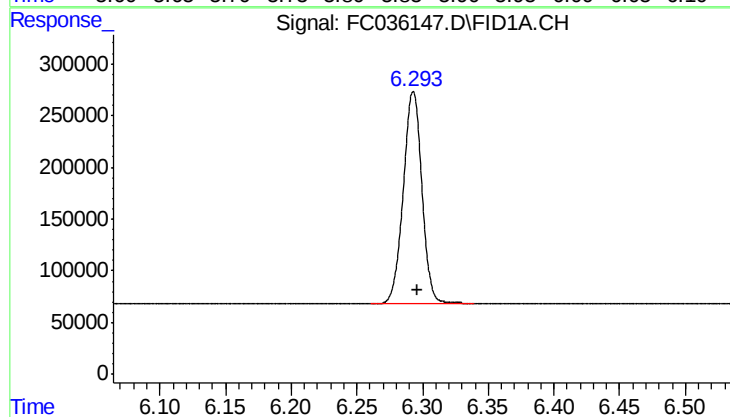
#2 n-Decane (C10)

R.T.: 4.280 min
Delta R.T.: -0.004 min
Response: 1969153
Conc: 21.88 ug/ml



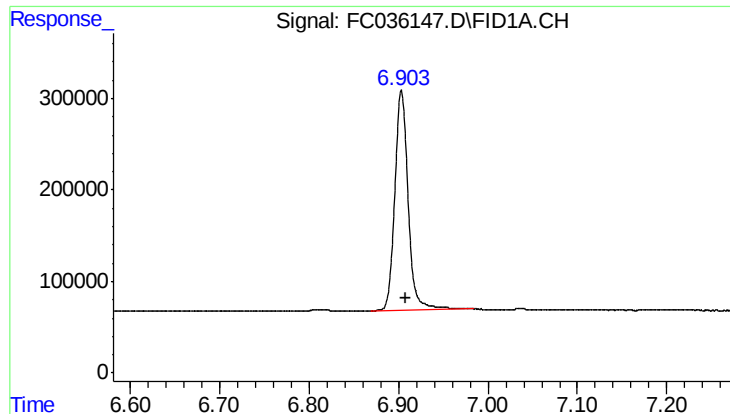
#3 A-Naphthalene (C11.7)

R.T.: 5.853 min
Delta R.T.: -0.005 min
Response: 2442627
Conc: 24.27 ug/ml



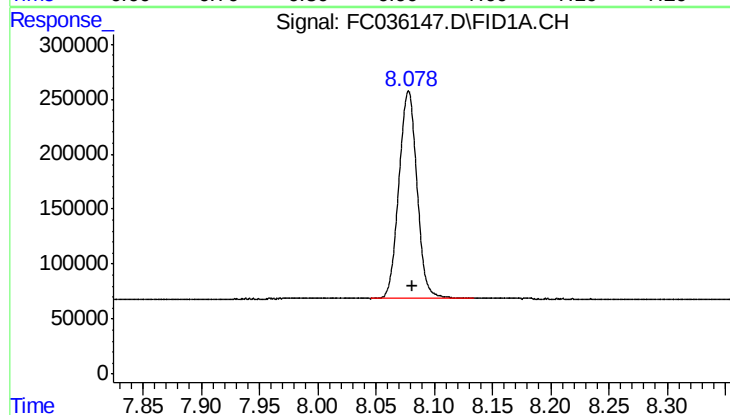
#4 n-Dodecane (C12)

R.T.: 6.293 min
Delta R.T.: -0.003 min
Response: 2015573
Conc: 21.73 ug/ml



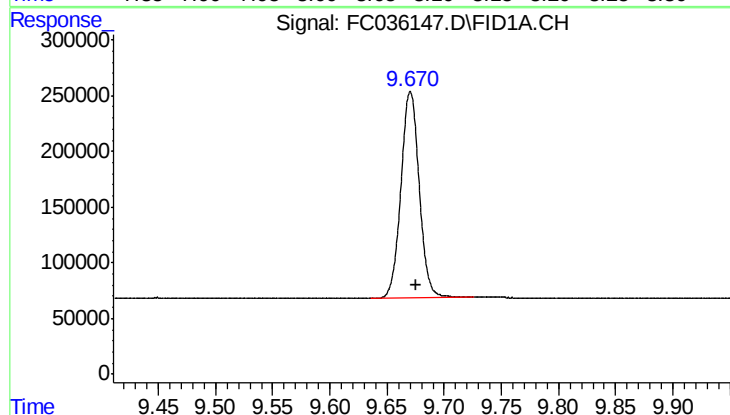
#5 A-2-methylnaphthalene (C12.89)

R.T.: 6.903 min
Delta R.T.: -0.005 min
Response: 2480458
Conc: 24.63 ug/ml



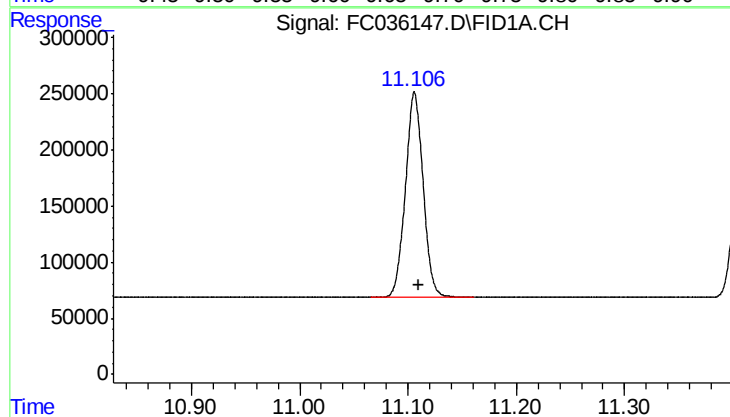
#6 n-Tetradecane (C14)

R.T.: 8.078 min
Delta R.T.: -0.004 min
Response: 2045580
Conc: 21.55 ug/ml



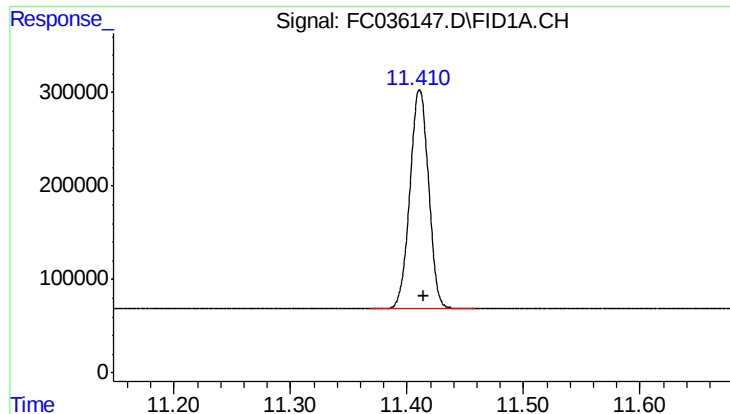
#7 n-Hexadecane (C16)

R.T.: 9.671 min
Delta R.T.: -0.005 min
Response: 2057950
Conc: 21.62 ug/ml



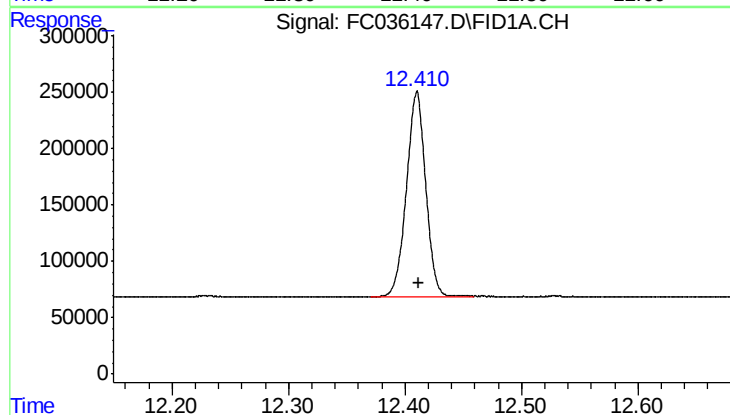
#8 n-Octadecane (C18)

R.T.: 11.106 min
Delta R.T.: -0.003 min
Response: 2079490
Conc: 21.17 ug/ml



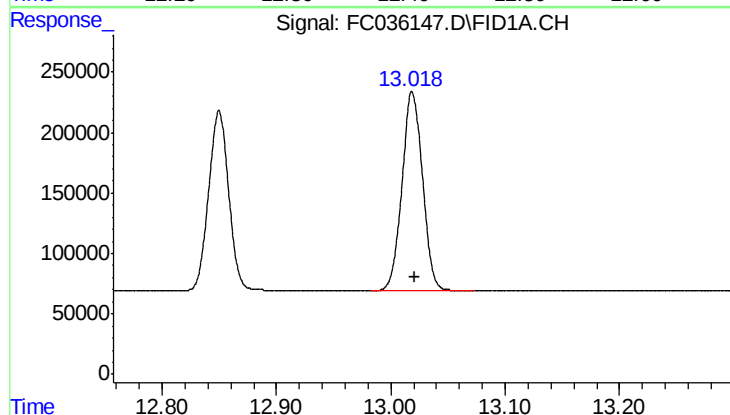
#9 ortho-Terphenyl (SURR)

R.T.: 11.411 min
Delta R.T.: -0.003 min
Response: 2616768
Conc: 23.47 ug/ml



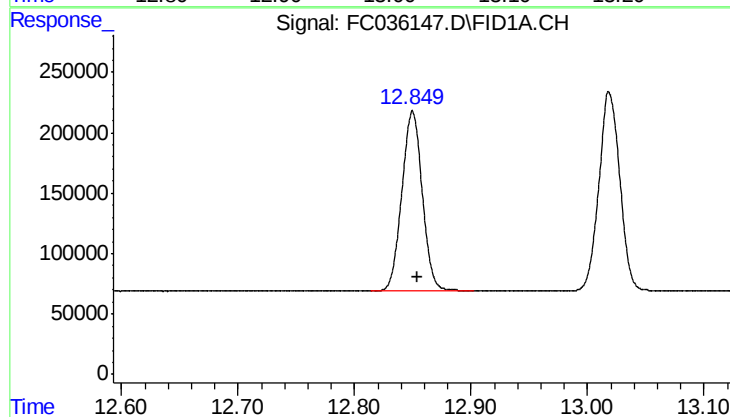
#10 n-Eicosane (C20)

R.T.: 12.410 min
Delta R.T.: -0.002 min
Response: 2080950
Conc: 21.53 ug/ml



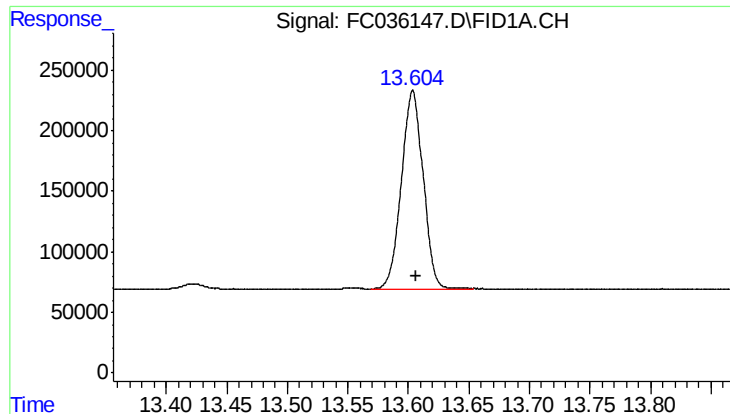
#11 n-Heneicosane (C21)

R.T.: 13.019 min
Delta R.T.: -0.002 min
Response: 2055073
Conc: 21.83 ug/ml



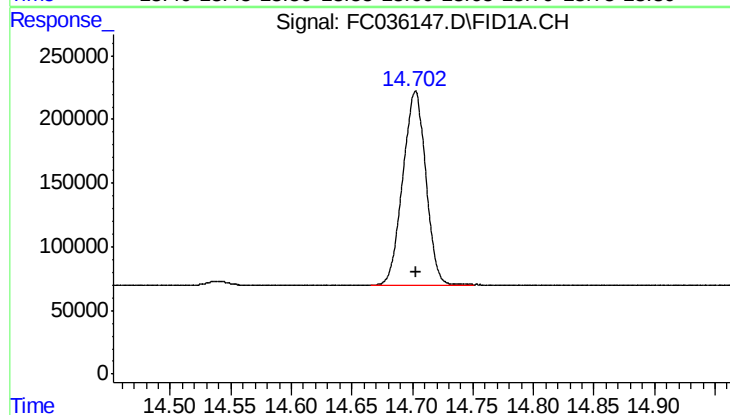
#12 1-chlorooctadecane (SURR)

R.T.: 12.850 min
Delta R.T.: -0.004 min
Response: 1810671
Conc: 22.19 ug/ml



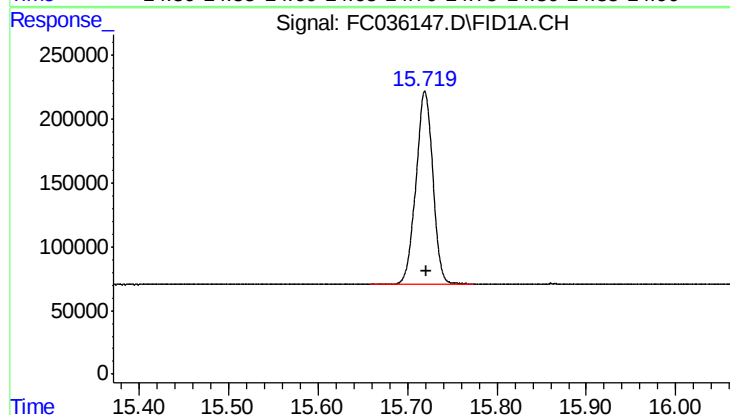
#13 n-Docosane (C22)

R.T.: 13.604 min
Delta R.T.: -0.003 min
Response: 2039582
Conc: 21.90 ug/ml



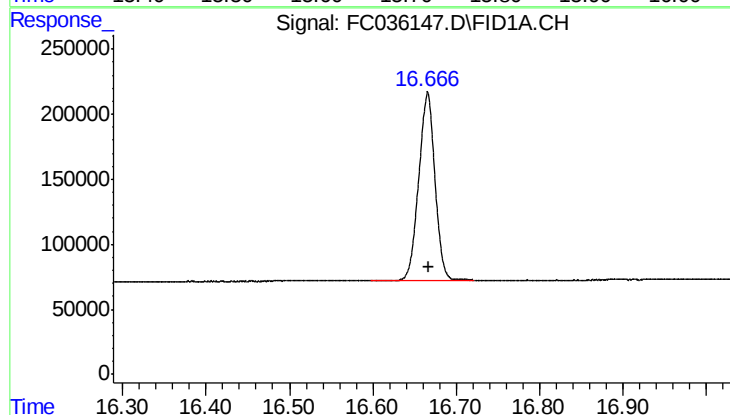
#14 n-Tetracosane (C24)

R.T.: 14.702 min
Delta R.T.: -0.001 min
Response: 2009723
Conc: 21.98 ug/ml



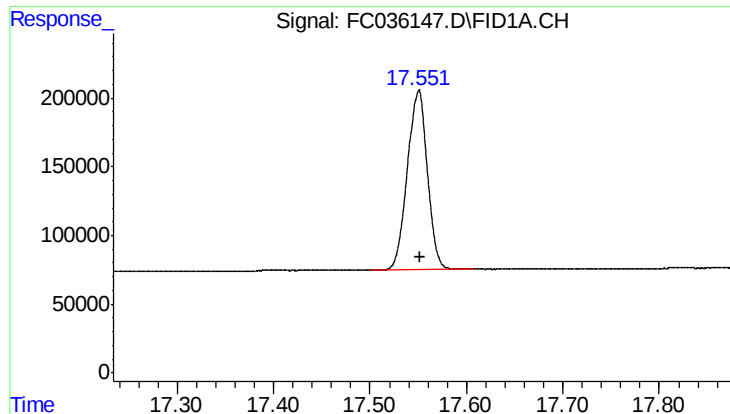
#15 n-Hexacosane (C26)

R.T.: 15.720 min
Delta R.T.: -0.002 min
Response: 1980036
Conc: 22.07 ug/ml



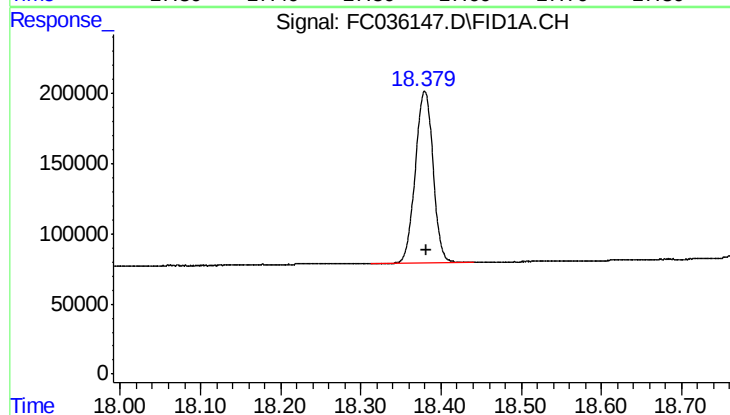
#16 n-Octacosane (C28)

R.T.: 16.666 min
Delta R.T.: -0.002 min
Response: 1946384
Conc: 21.39 ug/ml



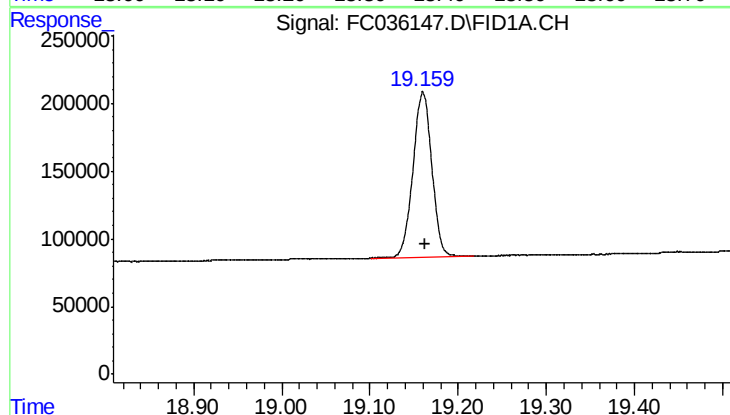
#17 n-Tricontane (C30)

R.T.: 17.550 min
Delta R.T.: -0.002 min
Response: 1894390
Conc: 19.69 ug/ml



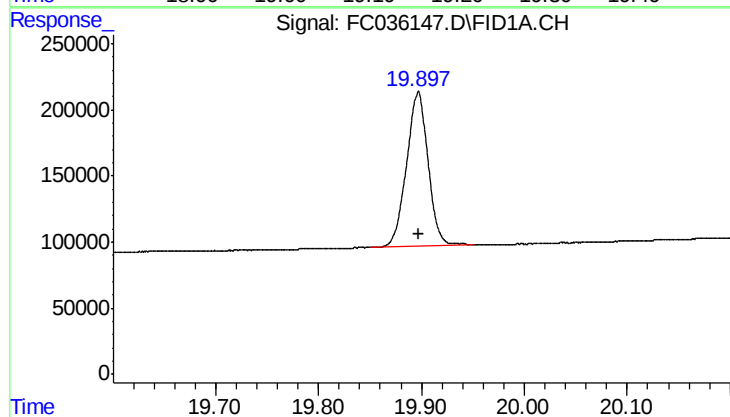
#18 n-Dotriacontane (C32)

R.T.: 18.380 min
Delta R.T.: -0.002 min
Response: 1880558
Conc: 19.92 ug/ml



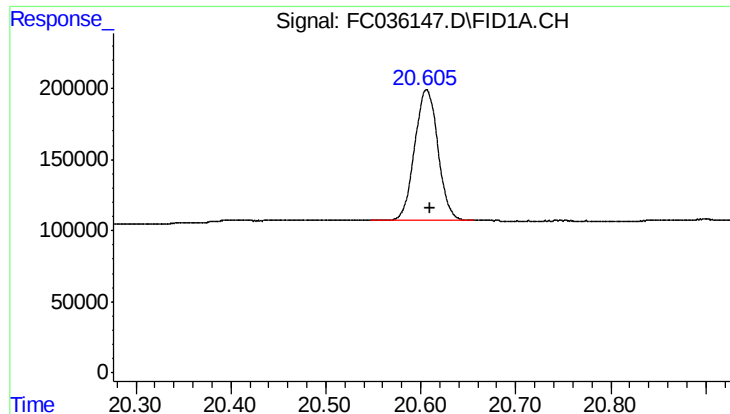
#19 n-Tetratriacontane (C34)

R.T.: 19.160 min
Delta R.T.: -0.002 min
Response: 1801533
Conc: 20.34 ug/ml



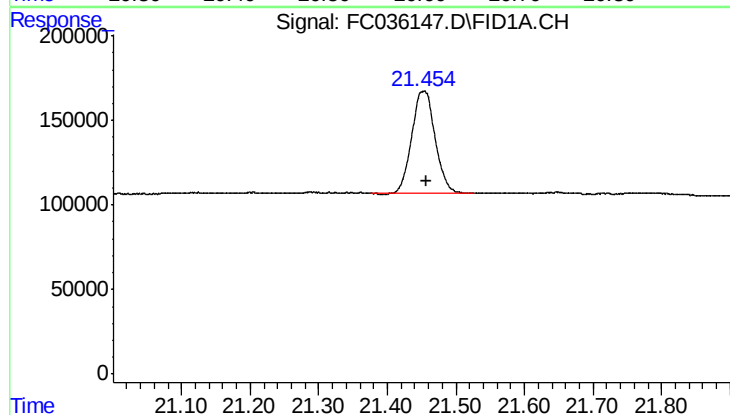
#20 n-Hexatriacontane (C36)

R.T.: 19.897 min
Delta R.T.: 0.000 min
Response: 1694651
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.606 min
Delta R.T.: -0.004 min
Response: 1565974
Conc: 18.78 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.453 min
Delta R.T.: -0.004 min
Response: 1433574
Conc: 17.07 ug/ml