

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071218AL\
 Data File : FC035315.D
 Signal(s) : FID1A.CH
 Acq On : 13 Jul 2018 5:57
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 13 09:54:21 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)	11.440	1989610	19.324 ug/ml
Spiked Amount 50.000		Recovery =	38.65%
12) S 1-chlorooctadecane (S...	12.880	1477926	18.464 ug/ml
Spiked Amount 50.000		Recovery =	36.93%
Target Compounds			
1) T n-Nonane (C9)	3.233	1430932	17.064 ug/ml
2) T n-Decane (C10)	4.302	1465750	17.488 ug/ml
3) T A-Naphthalene (C11.7)	5.877	1820300	19.183 ug/ml
4) T n-Dodecane (C12)	6.316	1548162	17.937 ug/ml
5) T A-2-methylnaphthalene...	6.929	1868158	19.400 ug/ml
6) T n-Tetradecane (C14)	8.104	1627556	18.252 ug/ml
7) T n-Hexadecane (C16)	9.697	1683177	18.346 ug/ml
8) T n-Octadecane (C18)	11.134	1706521	18.082 ug/ml
10) T n-Eicosane (C20)	12.439	1769510	18.350 ug/ml
11) T n-Heneicosane (C21)	13.050	1760886	18.536 ug/ml
13) T n-Docosane (C22)	13.633	1786449	18.718 ug/ml
14) T n-Tetracosane (C24)	14.733	1837199	19.247 ug/ml
15) T n-Hexacosane (C26)	15.751	1851946	19.590 ug/ml
16) T n-Octacosane (C28)	16.698	1927408	20.500 ug/ml
17) T n-Tricontane (C30)	17.584	1893923	20.612 ug/ml
18) T n-Dotriacontane (C32)	18.416	1907984	21.488 ug/ml
19) T n-Tetratriacontane (C34)	19.196	1798612	19.878 ug/ml
20) T n-Hexatriacontane (C36)	19.934	1702664	18.990 ug/ml
21) T n-Octatriacontane (C38)	20.650	1534330	16.637 ug/ml
22) T n-Tetracontane (C40)	21.511	1665582	17.722 ug/ml

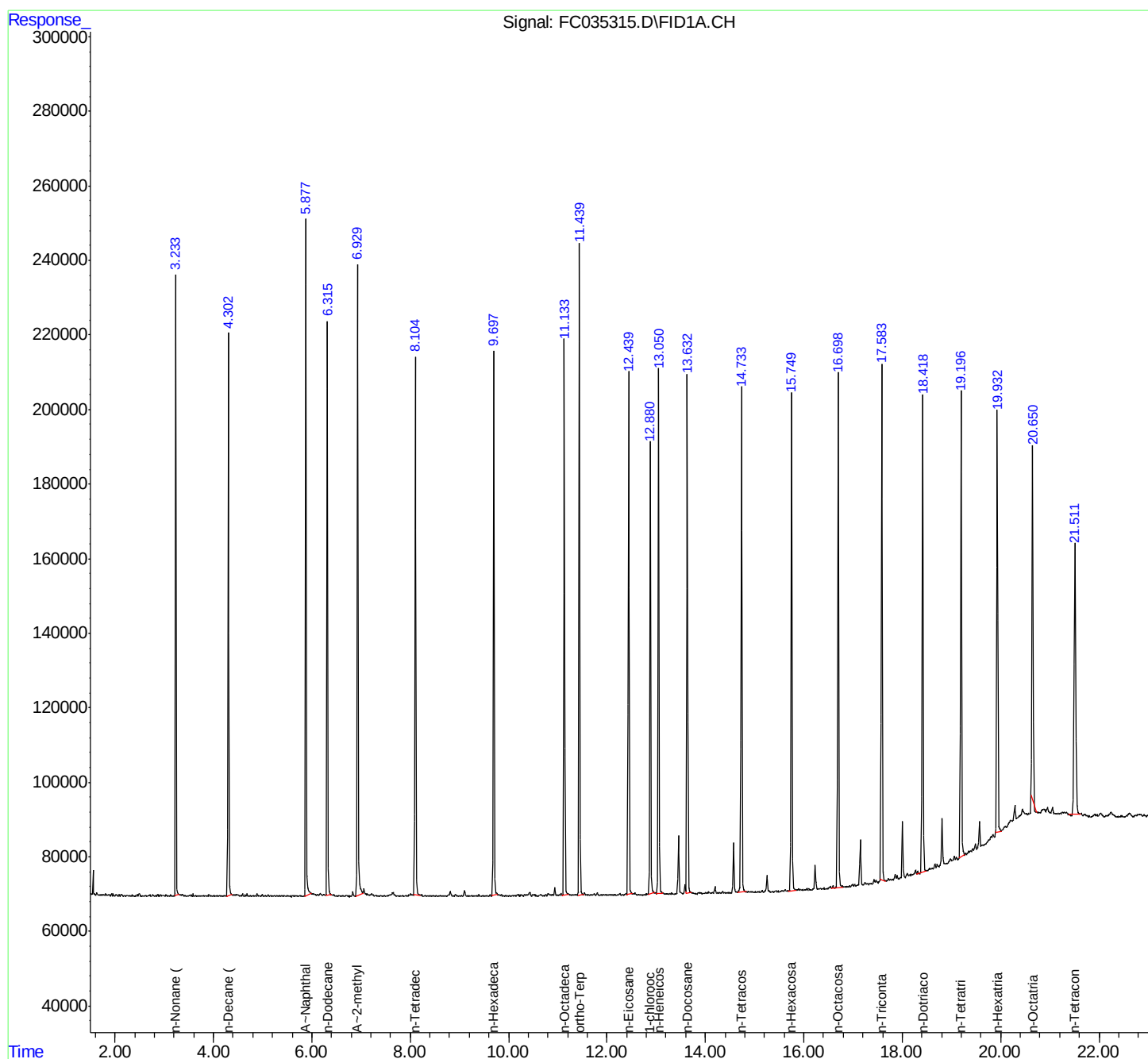
(f)=RT Delta > 1/2 Window

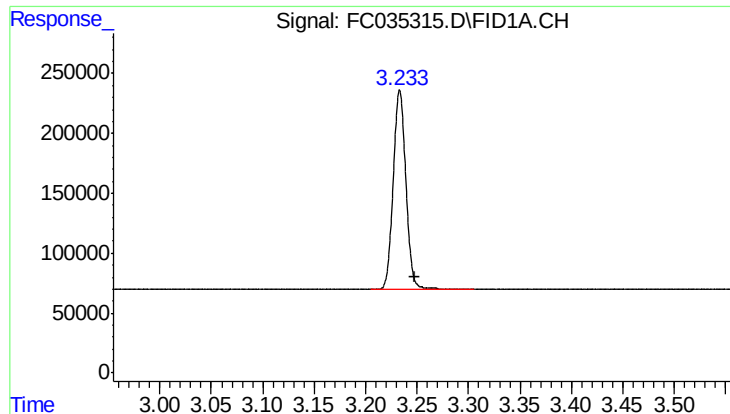
(m)=manual int.

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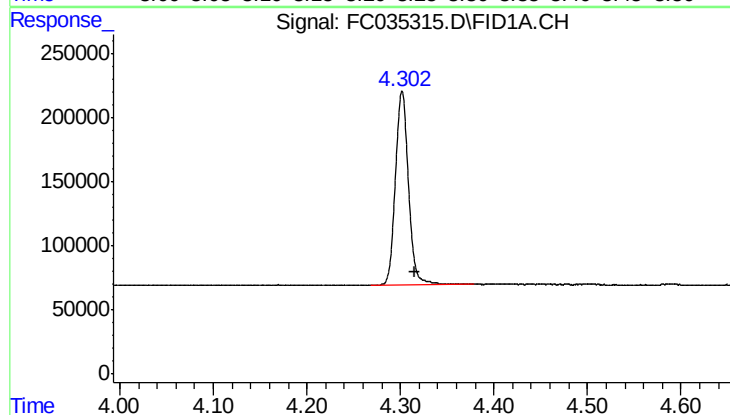
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Signal Info : 20M x 0.18mm x 0.18um





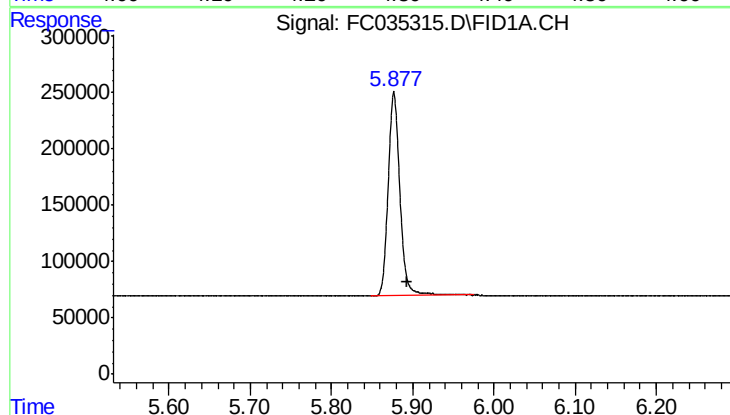
#1 n-Nonane (C9)

R.T.: 3.233 min
Delta R.T.: -0.014 min
Response: 1430932
Conc: 17.06 ug/ml



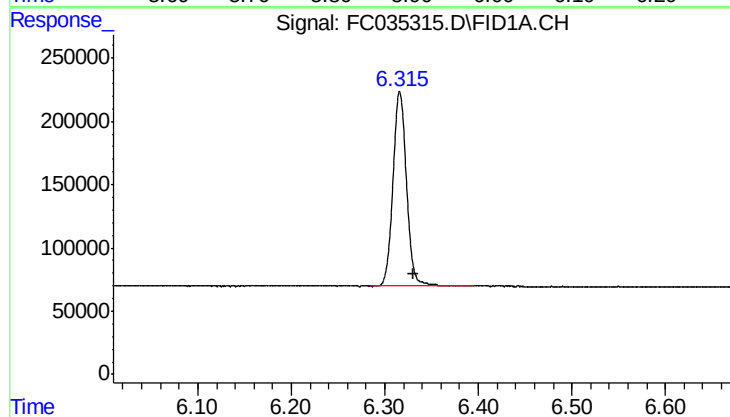
#2 n-Decane (C10)

R.T.: 4.302 min
Delta R.T.: -0.014 min
Response: 1465750
Conc: 17.49 ug/ml



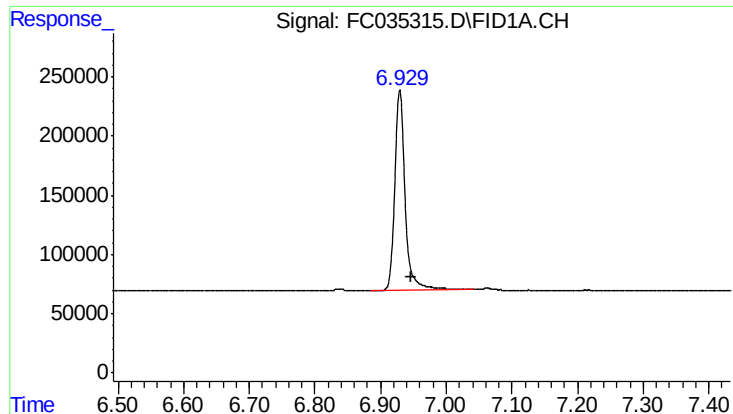
#3 A~Naphthalene (C11.7)

R.T.: 5.877 min
Delta R.T.: -0.016 min
Response: 1820300
Conc: 19.18 ug/ml



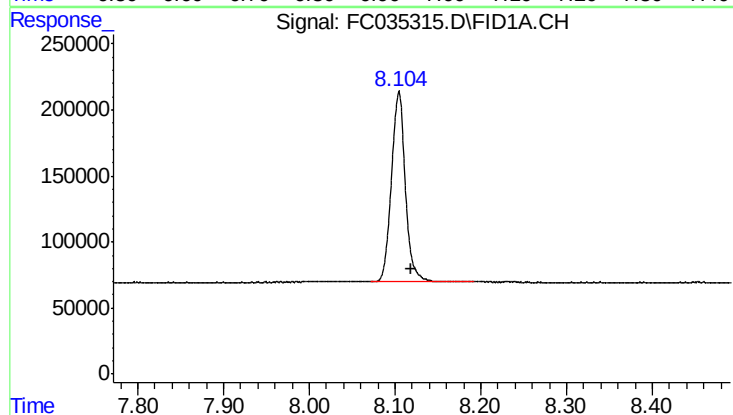
#4 n-Dodecane (C12)

R.T.: 6.316 min
Delta R.T.: -0.015 min
Response: 1548162
Conc: 17.94 ug/ml



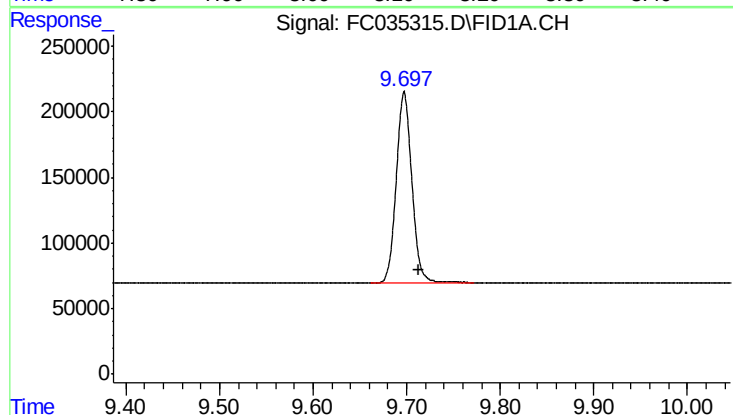
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.929 min
Delta R.T.: -0.016 min
Response: 1868158
Conc: 19.40 ug/ml



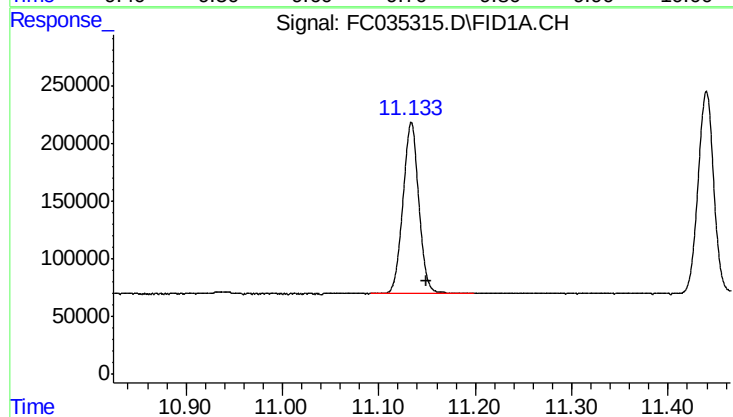
#6 n-Tetradecane (C14)

R.T.: 8.104 min
Delta R.T.: -0.014 min
Response: 1627556
Conc: 18.25 ug/ml



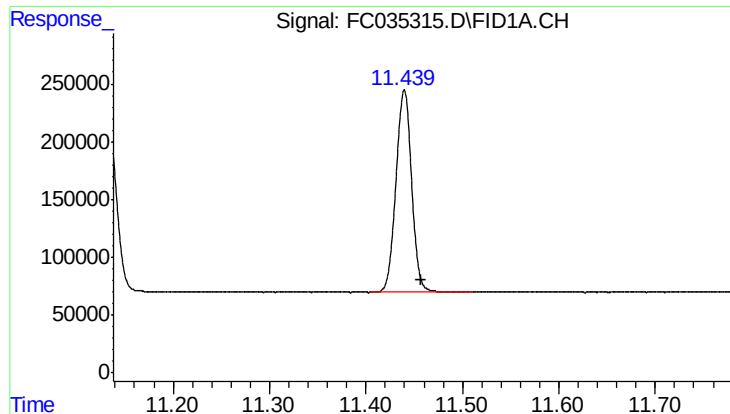
#7 n-Hexadecane (C16)

R.T.: 9.697 min
Delta R.T.: -0.016 min
Response: 1683177
Conc: 18.35 ug/ml



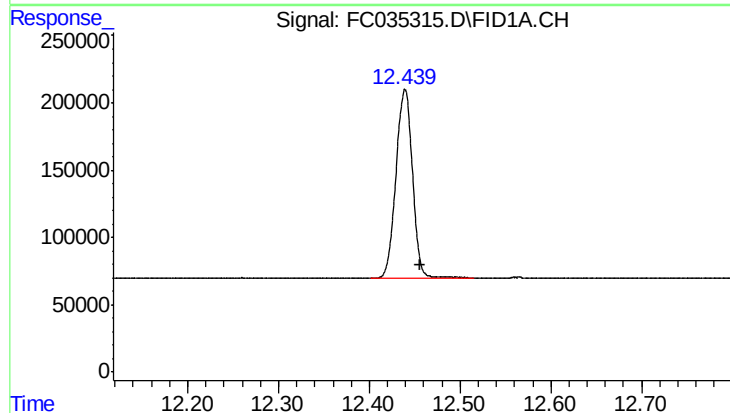
#8 n-Octadecane (C18)

R.T.: 11.134 min
Delta R.T.: -0.015 min
Response: 1706521
Conc: 18.08 ug/ml



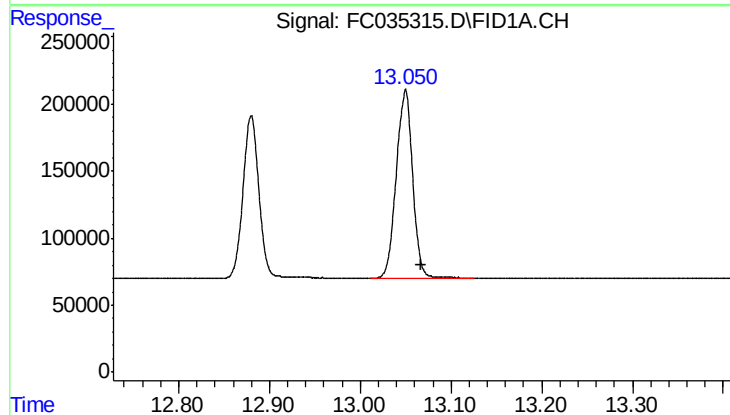
#9 ortho-Terphenyl (SURR)

R.T.: 11.440 min
Delta R.T.: -0.018 min
Response: 1989610
Conc: 19.32 ug/ml



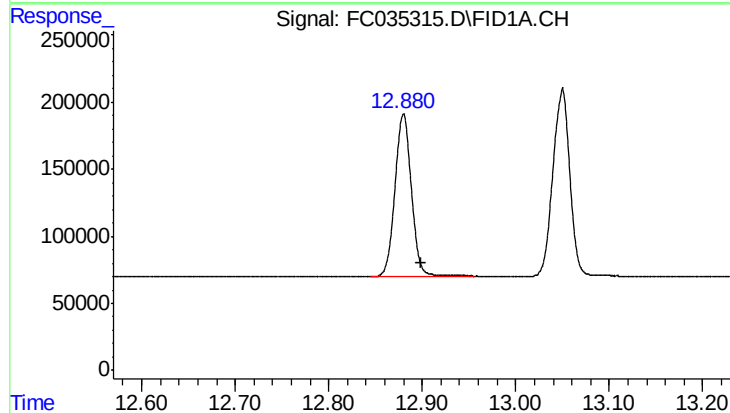
#10 n-Eicosane (C20)

R.T.: 12.439 min
Delta R.T.: -0.017 min
Response: 1769510
Conc: 18.35 ug/ml



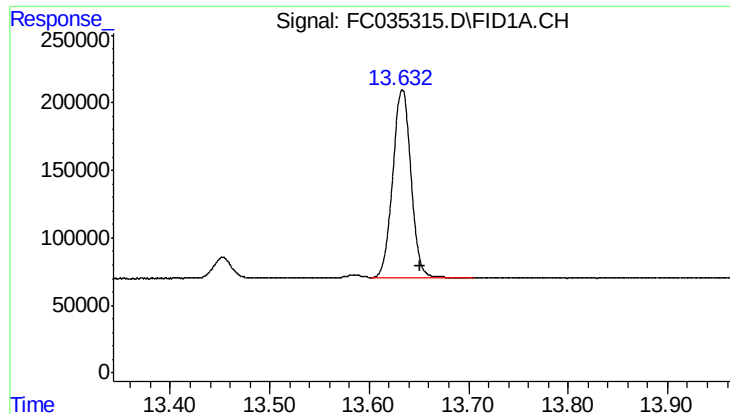
#11 n-Heneicosane (C21)

R.T.: 13.050 min
Delta R.T.: -0.017 min
Response: 1760886
Conc: 18.54 ug/ml



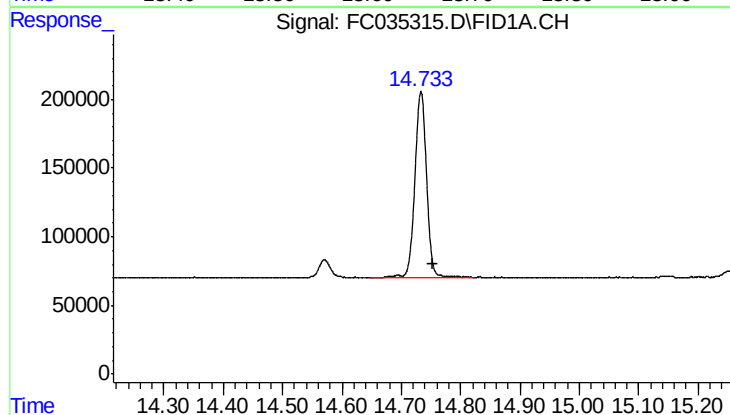
#12 1-chlorooctadecane (SURR)

R.T.: 12.880 min
Delta R.T.: -0.018 min
Response: 1477926
Conc: 18.46 ug/ml



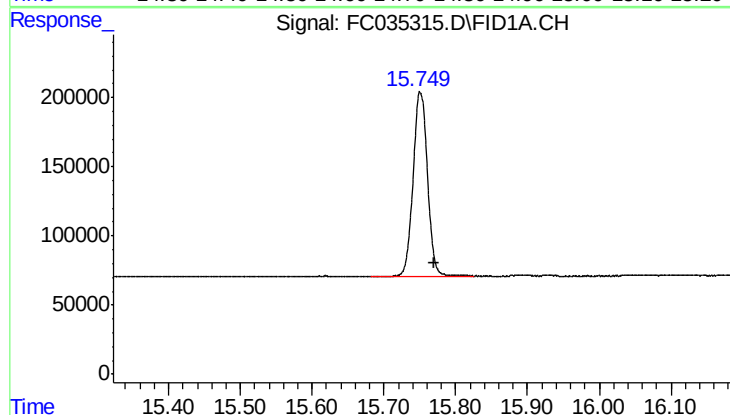
#13 n-Docosane (C22)

R.T.: 13.633 min
Delta R.T.: -0.018 min
Response: 1786449
Conc: 18.72 ug/ml



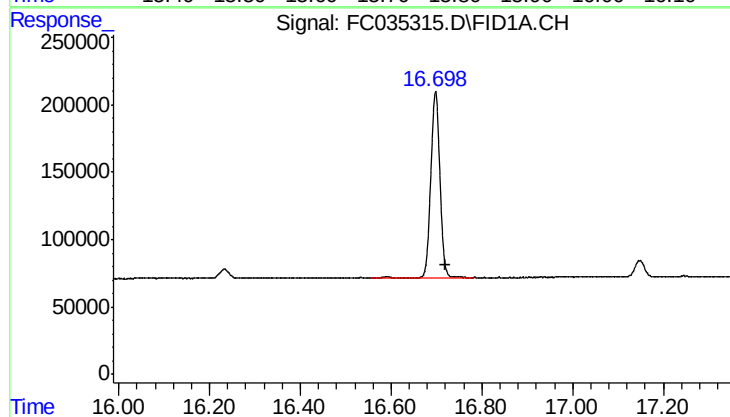
#14 n-Tetracosane (C24)

R.T.: 14.733 min
Delta R.T.: -0.020 min
Response: 1837199
Conc: 19.25 ug/ml



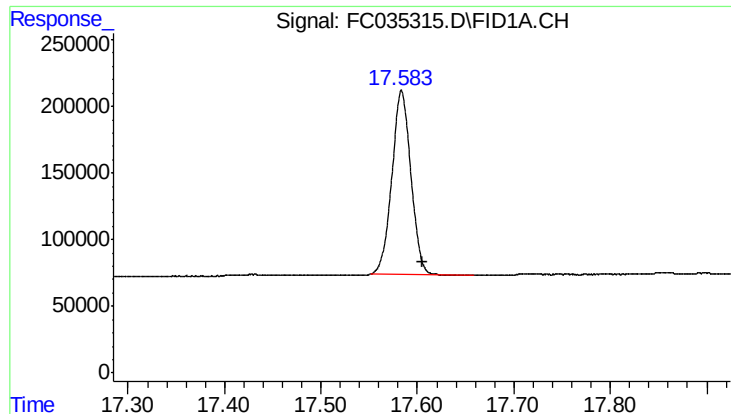
#15 n-Hexacosane (C26)

R.T.: 15.751 min
Delta R.T.: -0.020 min
Response: 1851946
Conc: 19.59 ug/ml



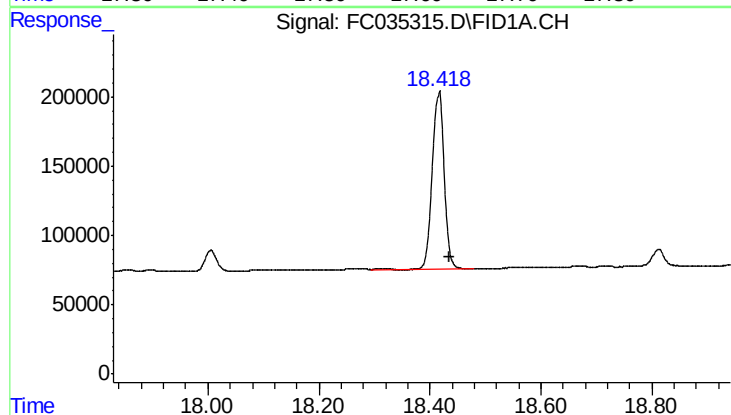
#16 n-Octacosane (C28)

R.T.: 16.698 min
Delta R.T.: -0.021 min
Response: 1927408
Conc: 20.50 ug/ml



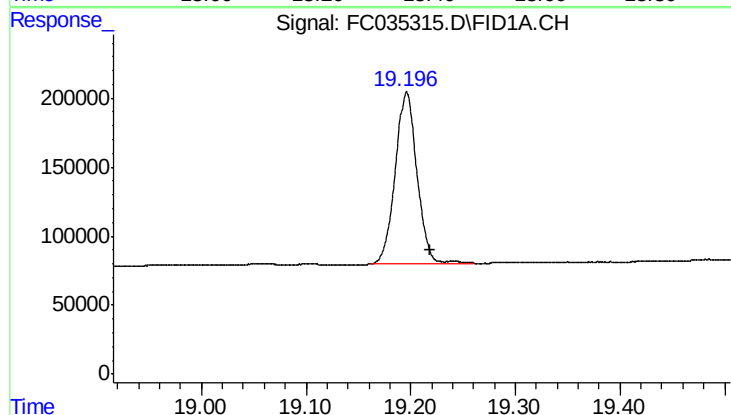
#17 n-Tricontane (C30)

R.T.: 17.584 min
Delta R.T.: -0.022 min
Response: 1893923
Conc: 20.61 ug/ml



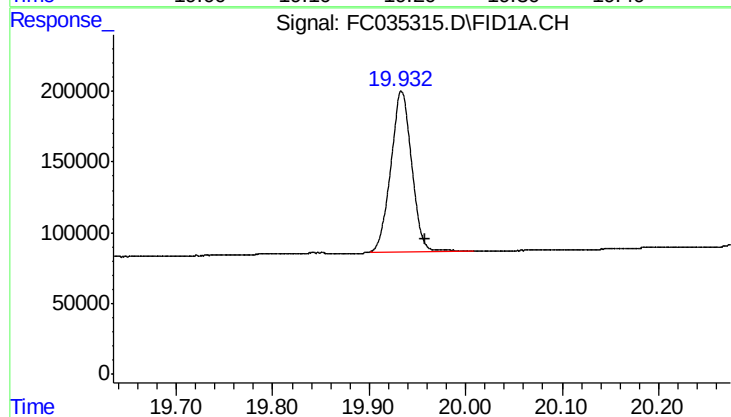
#18 n-Dotriacontane (C32)

R.T.: 18.416 min
Delta R.T.: -0.019 min
Response: 1907984
Conc: 21.49 ug/ml



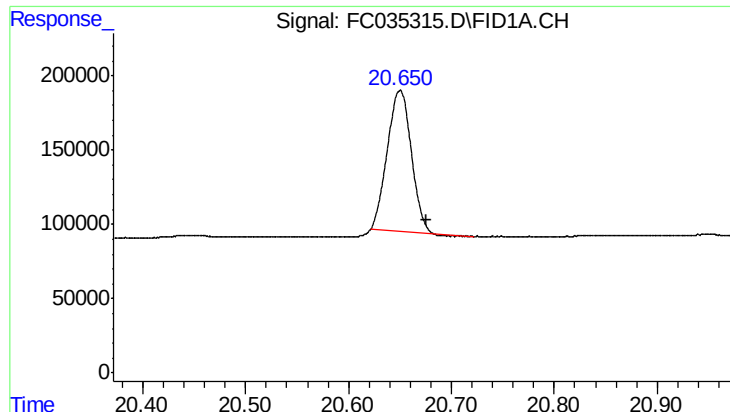
#19 n-Tetratriacontane (C34)

R.T.: 19.196 min
Delta R.T.: -0.023 min
Response: 1798612
Conc: 19.88 ug/ml



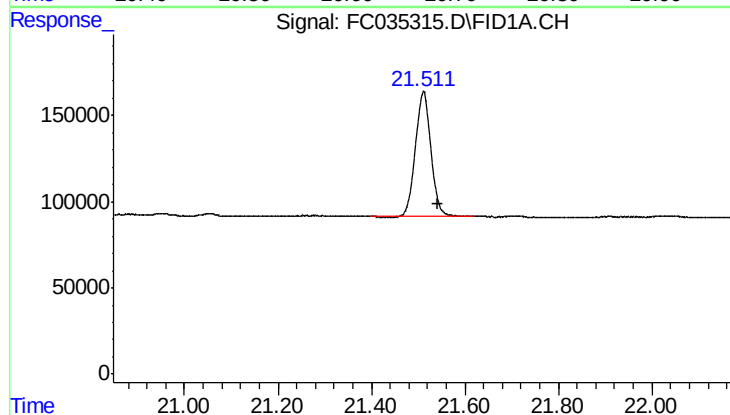
#20 n-Hexatriacontane (C36)

R.T.: 19.934 min
Delta R.T.: -0.024 min
Response: 1702664
Conc: 18.99 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.650 min
Delta R.T.: -0.026 min
Response: 1534330
Conc: 16.64 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.511 min
Delta R.T.: -0.031 min
Response: 1665582
Conc: 17.72 ug/ml