

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120618AL\
 Data File : FC038027.D
 Signal(s) : FID1A.CH
 Acq On : 06 Dec 2018 11:10
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 06 11:52:39 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 111318.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 14 03:04:33 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)	11.285	2361371	21.643 ug/ml
Spiked Amount 50.000		Recovery =	43.29%
12) S 1-chlorooctadecane (S...	12.727	1739111	20.284 ug/ml
Spiked Amount 50.000		Recovery =	40.57%
Target Compounds			
1) T n-Nonane (C9)	3.121	1529950	18.653 ug/ml
2) T n-Decane (C10)	4.181	1637245	19.870 ug/ml
3) T A~Naphthalene (C11.7)	5.743	2096274	22.467 ug/ml
4) T n-Dodecane (C12)	6.187	1758021	20.689 ug/ml
5) T A~2-methylnaphthalene...	6.791	2129636	22.418 ug/ml
6) T n-Tetradecane (C14)	7.967	1866357	20.871 ug/ml
7) T n-Hexadecane (C16)	9.556	1955059	21.075 ug/ml
8) T n-Octadecane (C18)	10.988	1985188	20.207 ug/ml
10) T n-Eicosane (C20)	12.290	2008942	20.105 ug/ml
11) T n-Heneicosane (C21)	12.898	1999506	20.230 ug/ml
13) T n-Docosane (C22)	13.482	2012030	20.060 ug/ml
14) T n-Tetracosane (C24)	14.579	2016114	19.843 ug/ml
15) T n-Hexacosane (C26)	15.595	1999448	19.766 ug/ml
16) T n-Octacosane (C28)	16.541	1591237	15.905 ug/ml
17) T n-Tricontane (C30)	17.425	2217889	22.584 ug/ml
18) T n-Dotriacontane (C32)	18.254	2170219	23.619 ug/ml
19) T n-Tetratriacontane (C34)	19.034	1799351	22.497 ug/ml
20) T n-Hexatriacontane (C36)	19.770	1192957	16.587 ug/ml
21) T n-Octatriacontane (C38)	20.470	868247	12.339 ug/ml
22) T n-Tetracontane (C40)	21.275	1183811	16.534 ug/ml

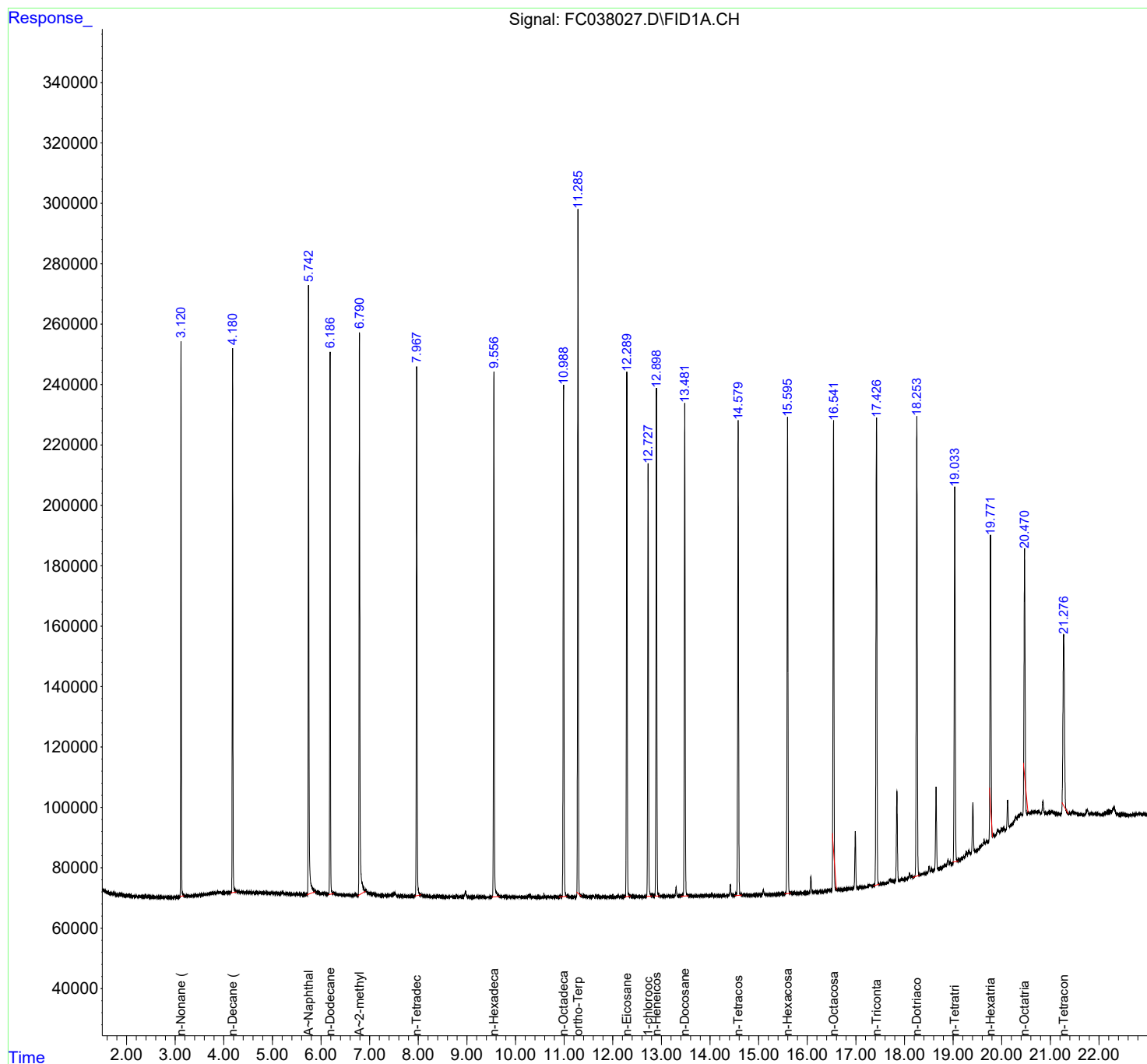
(f)=RT Delta > 1/2 Window

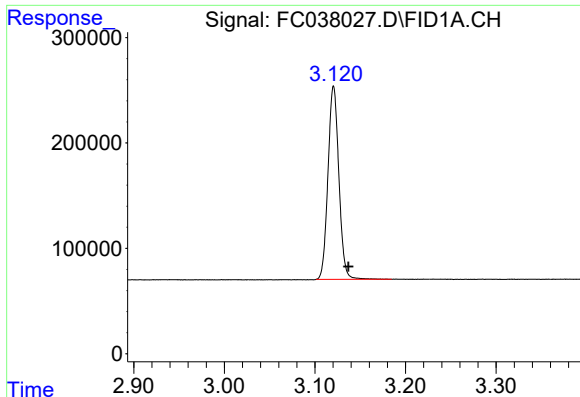
(m)=manual int.

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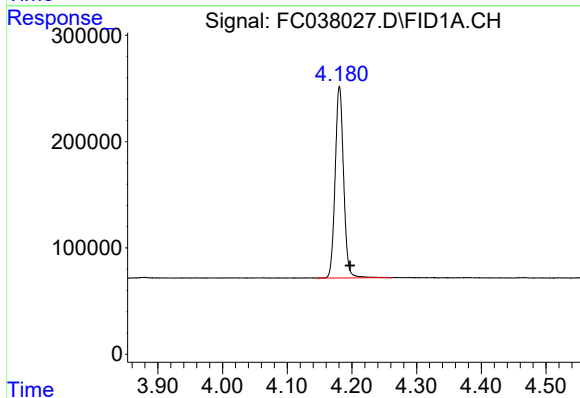
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





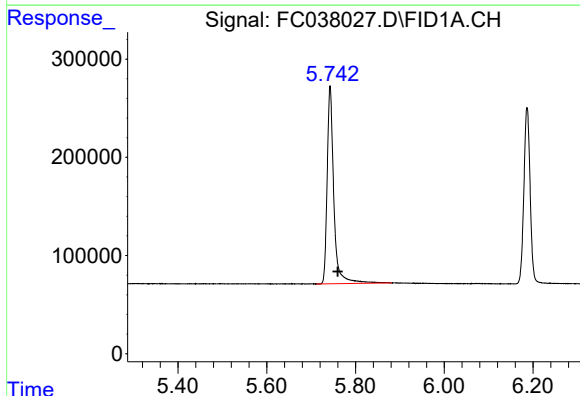
#1 n-Nonane (C9)

R.T.: 3.121 min
Delta R.T.: -0.016 min
Response: 1529950
Conc: 18.65 ug/ml



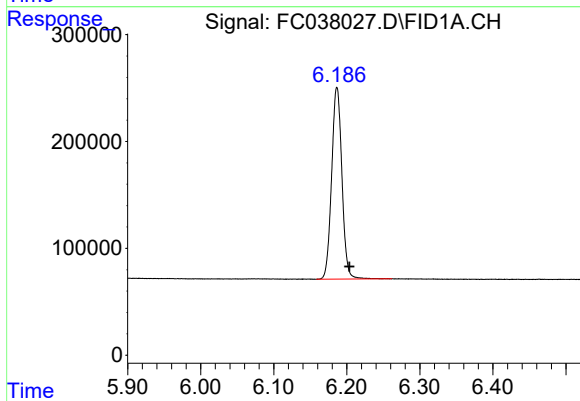
#2 n-Decane (C10)

R.T.: 4.181 min
Delta R.T.: -0.016 min
Response: 1637245
Conc: 19.87 ug/ml



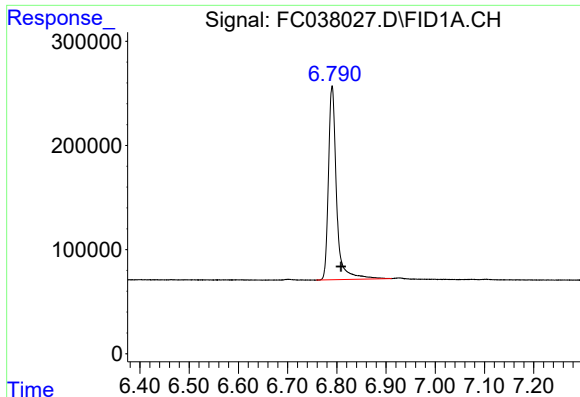
#3 A~Naphthalene (C11.7)

R.T.: 5.743 min
Delta R.T.: -0.018 min
Response: 2096274
Conc: 22.47 ug/ml



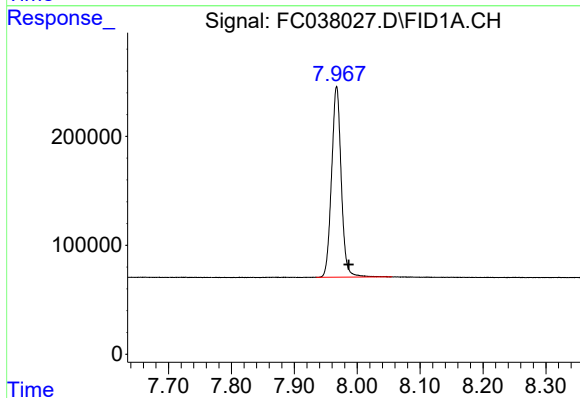
#4 n-Dodecane (C12)

R.T.: 6.187 min
Delta R.T.: -0.017 min
Response: 1758021
Conc: 20.69 ug/ml



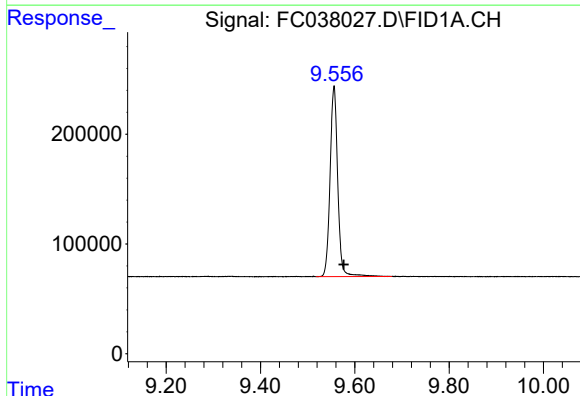
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.791 min
Delta R.T.: -0.018 min
Response: 2129636
Conc: 22.42 ug/ml



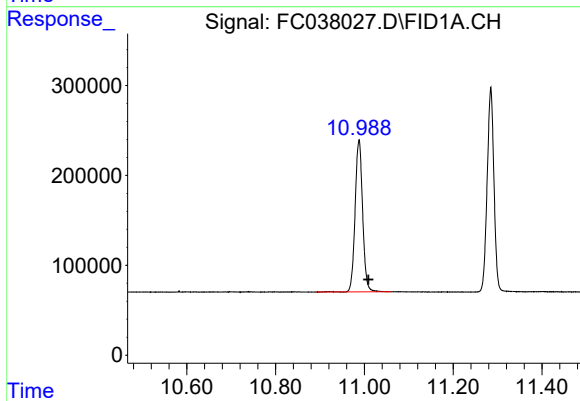
#6 n-Tetradecane (C14)

R.T.: 7.967 min
Delta R.T.: -0.019 min
Response: 1866357
Conc: 20.87 ug/ml



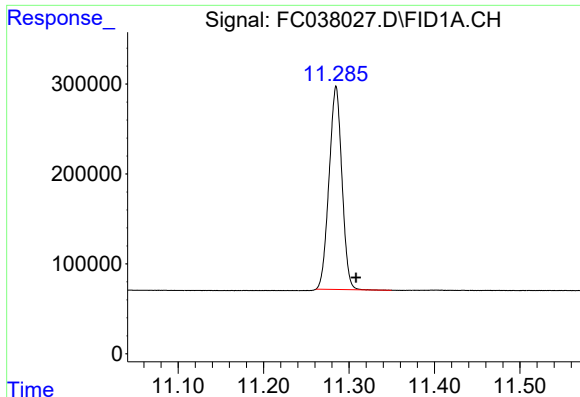
#7 n-Hexadecane (C16)

R.T.: 9.556 min
Delta R.T.: -0.021 min
Response: 1955059
Conc: 21.07 ug/ml



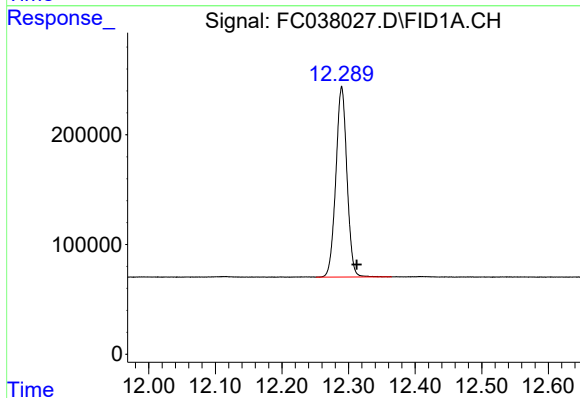
#8 n-Octadecane (C18)

R.T.: 10.988 min
Delta R.T.: -0.022 min
Response: 1985188
Conc: 20.21 ug/ml



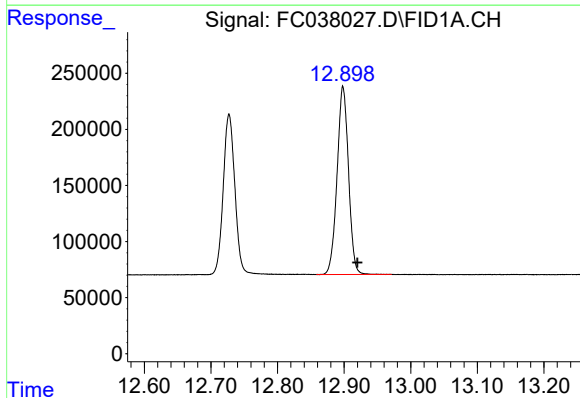
#9 ortho-Terphenyl (SURR)

R.T.: 11.285 min
Delta R.T.: -0.024 min
Response: 2361371
Conc: 21.64 ug/ml



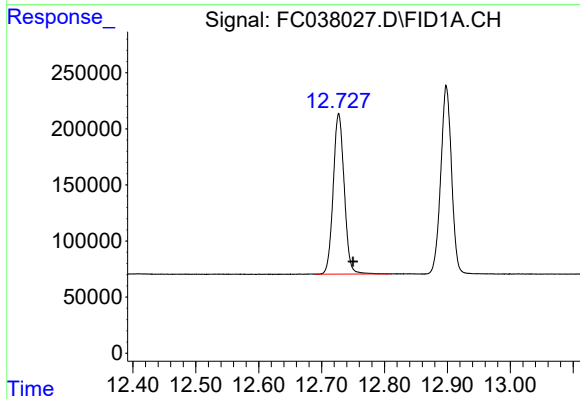
#10 n-Eicosane (C20)

R.T.: 12.290 min
Delta R.T.: -0.022 min
Response: 2008942
Conc: 20.11 ug/ml



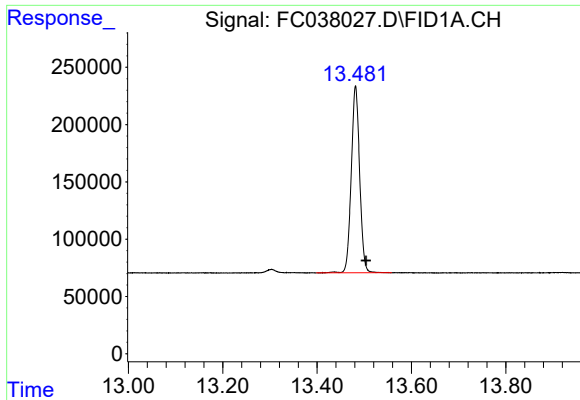
#11 n-Heneicosane (C21)

R.T.: 12.898 min
Delta R.T.: -0.022 min
Response: 1999506
Conc: 20.23 ug/ml



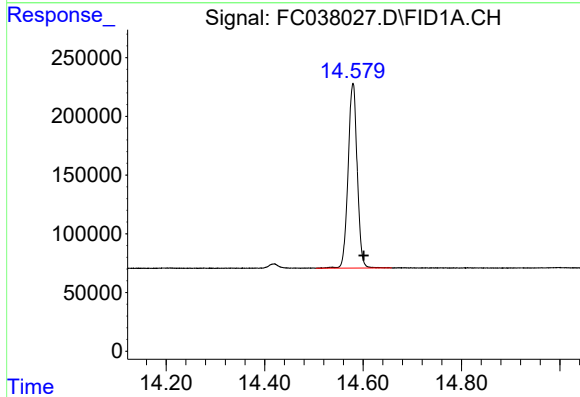
#12 1-chlorooctadecane (SURR)

R.T.: 12.727 min
Delta R.T.: -0.023 min
Response: 1739111
Conc: 20.28 ug/ml



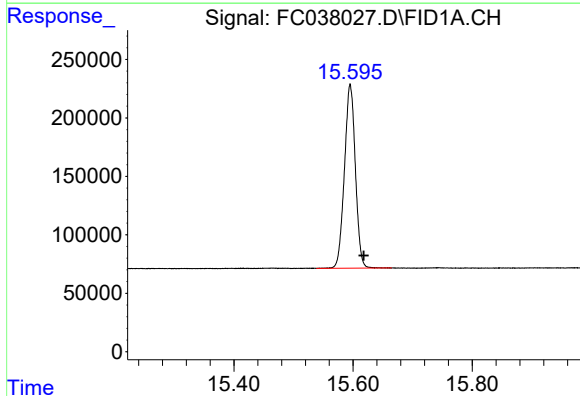
#13 n-Docosane (C22)

R.T.: 13.482 min
Delta R.T.: -0.022 min
Response: 2012030
Conc: 20.06 ug/ml



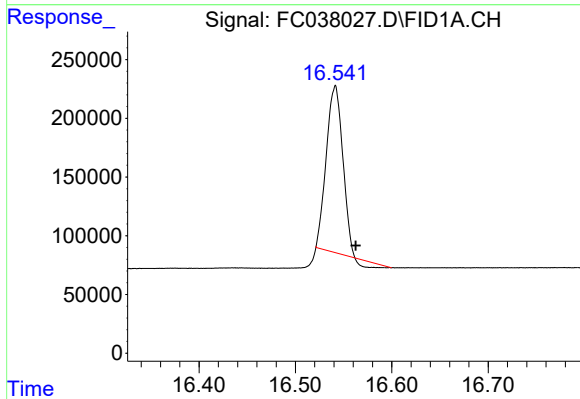
#14 n-Tetracosane (C24)

R.T.: 14.579 min
Delta R.T.: -0.022 min
Response: 2016114
Conc: 19.84 ug/ml



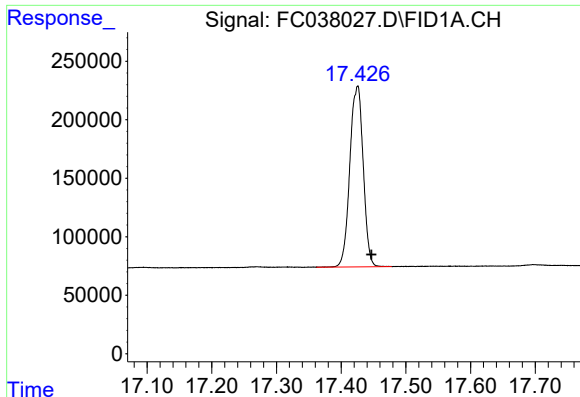
#15 n-Hexacosane (C26)

R.T.: 15.595 min
Delta R.T.: -0.023 min
Response: 1999448
Conc: 19.77 ug/ml



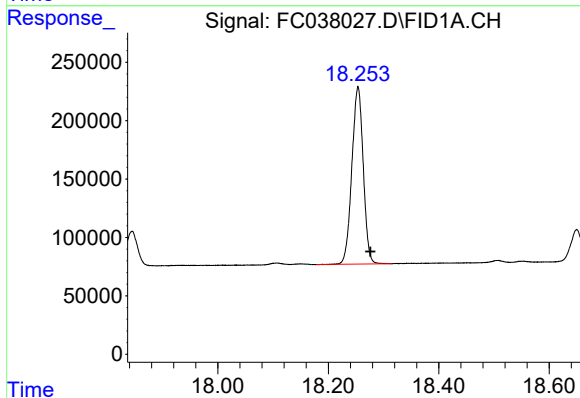
#16 n-Octacosane (C28)

R.T.: 16.541 min
Delta R.T.: -0.021 min
Response: 1591237
Conc: 15.91 ug/ml



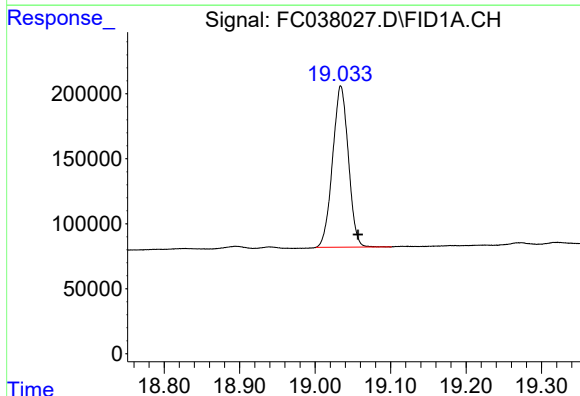
#17 n-Tricontane (C30)

R.T.: 17.425 min
Delta R.T.: -0.022 min
Response: 2217889
Conc: 22.58 ug/ml



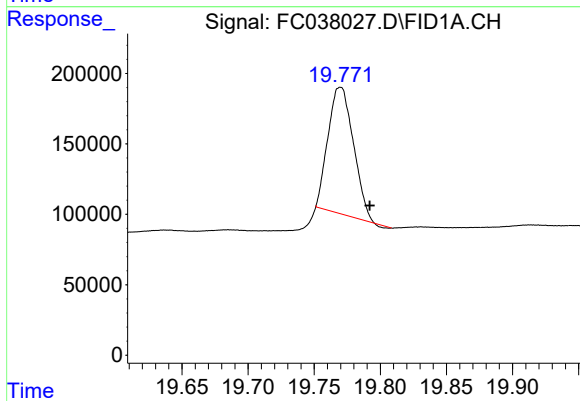
#18 n-Dotriacontane (C32)

R.T.: 18.254 min
Delta R.T.: -0.023 min
Response: 2170219
Conc: 23.62 ug/ml



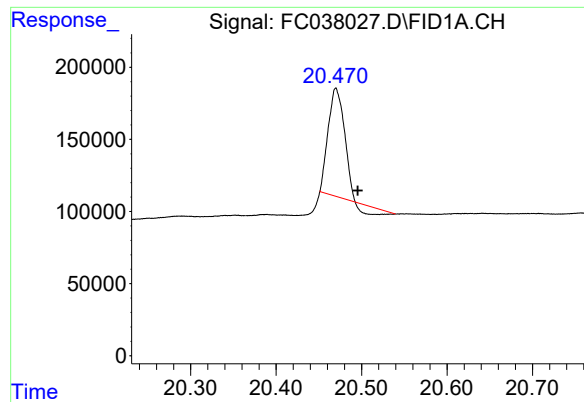
#19 n-Tetratriacontane (C34)

R.T.: 19.034 min
Delta R.T.: -0.023 min
Response: 1799351
Conc: 22.50 ug/ml



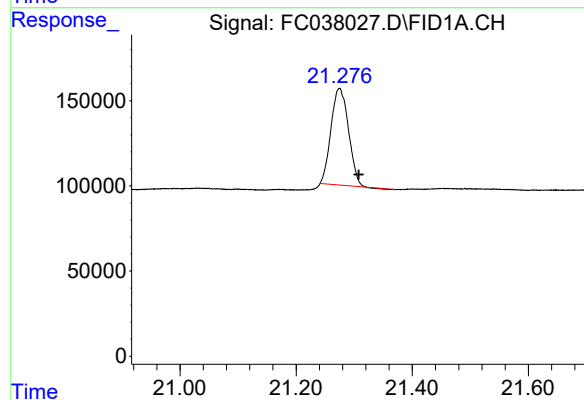
#20 n-Hexatriacontane (C36)

R.T.: 19.770 min
Delta R.T.: -0.022 min
Response: 1192957
Conc: 16.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.470 min
Delta R.T.: -0.025 min
Response: 868247
Conc: 12.34 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.275 min
Delta R.T.: -0.033 min
Response: 1183811
Conc: 16.53 ug/ml