

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111021AL\
 Data File : FC056719.D
 Signal(s) : FID1A.CH
 Acq On : 11 Nov 2021 5:27
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Nov 11 06:53:02 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102121.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 21 01:00:25 2021
 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)	11.609	2514724	20.310 ug/ml
Spiked Amount 50.000		Recovery =	40.62%
12) S 1-chlorooctadecane (S...	13.040	1950477	20.270 ug/ml
Spiked Amount 50.000		Recovery =	40.54%
Target Compounds			
1) T n-Nonane (C9)	3.369	2471441	22.834 ug/mlm
2) T n-Decane (C10)	4.437	2501327	23.221 ug/ml
3) T A~Naphthalene (C11.7)	6.028	2782536	22.823 ug/ml
4) T n-Dodecane (C12)	6.456	2521125	22.870 ug/ml
5) T A~2-methylnaphthalene...	7.085	2759757	22.536 ug/ml
6) T n-Tetradecane (C14)	8.250	2512429	22.379 ug/ml
7) T n-Hexadecane (C16)	9.849	2479152	21.806 ug/ml
8) T n-Octadecane (C18)	11.289	2489064	21.300 ug/ml
10) T n-Eicosane (C20)	12.595	2376988	20.683 ug/ml
11) T n-Heneicosane (C21)	13.206	2352672	20.472 ug/ml
13) T n-Docosane (C22)	13.791	2283498	20.282 ug/ml
14) T n-Tetracosane (C24)	14.891	2193256	19.902 ug/ml
15) T n-Hexacosane (C26)	15.908	2091855	19.820 ug/ml
16) T n-Octacosane (C28)	16.854	2058864	19.849 ug/ml
17) T n-Tricontane (C30)	17.738	2028592	19.579 ug/ml
18) T n-Dotriacontane (C32)	18.565	2014544	21.027 ug/ml
19) T n-Tetratriacontane (C34)	19.346	2036827	23.222 ug/ml
20) T n-Hexatriacontane (C36)	20.079	2029401	24.794 ug/mlm
21) T n-Octatriacontane (C38)	20.814	1997689	24.978 ug/ml
22) T n-Tetracontane (C40)	21.727	2035852	24.710 ug/ml

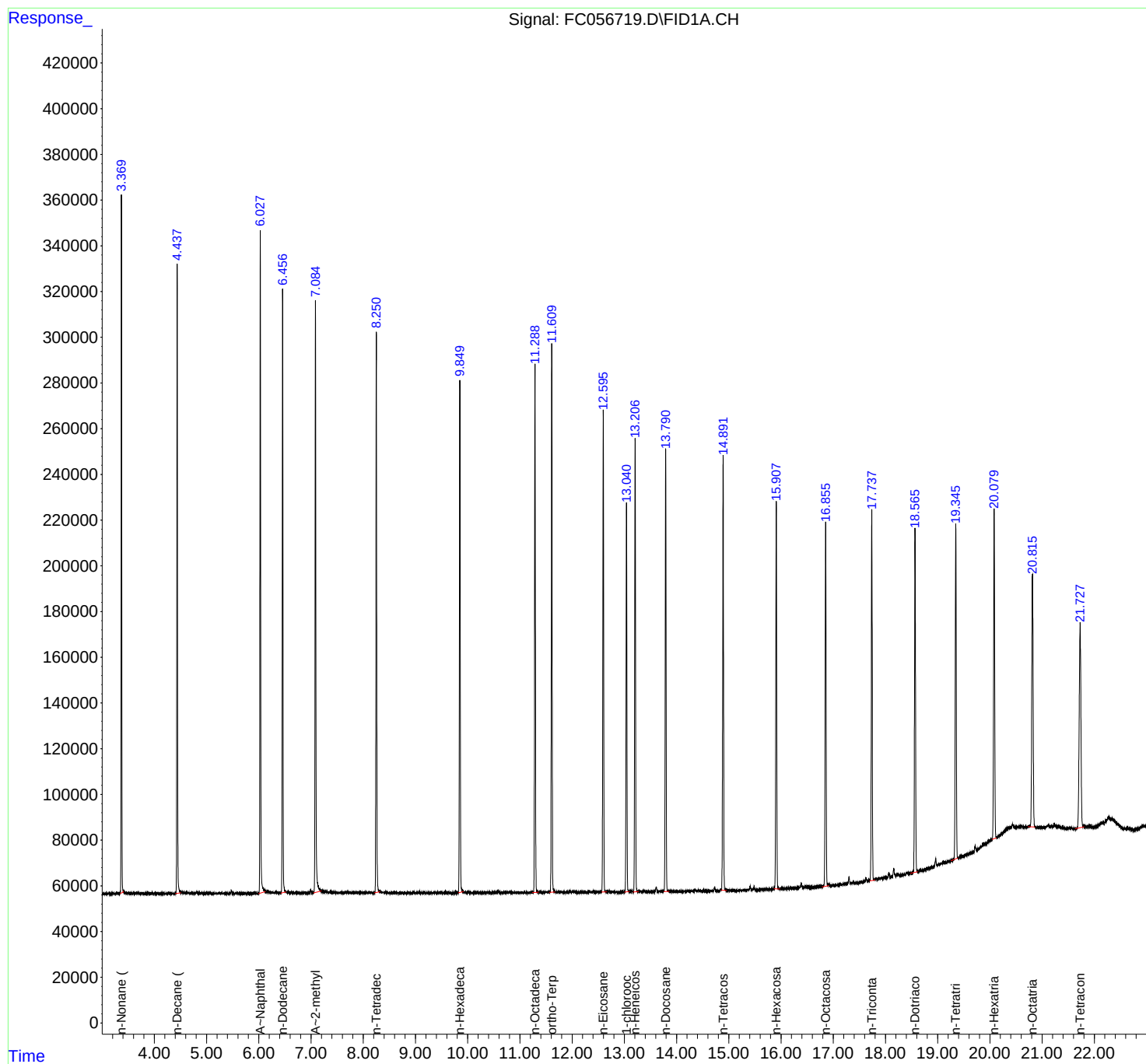
(f)=RT Delta > 1/2 Window

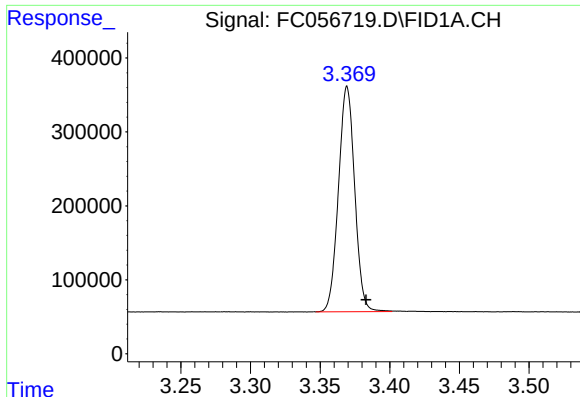
(m)=manual int.

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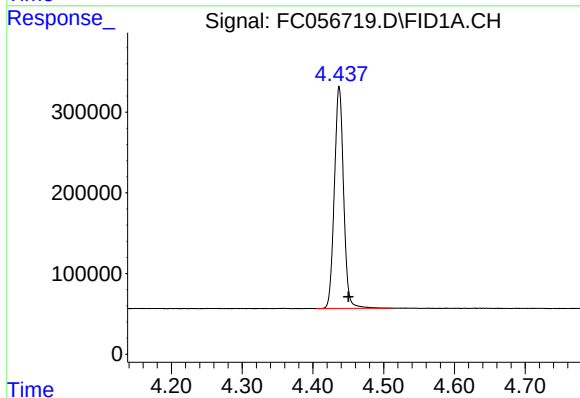
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Signal Info : 20M x 0.18mm x 0.18um





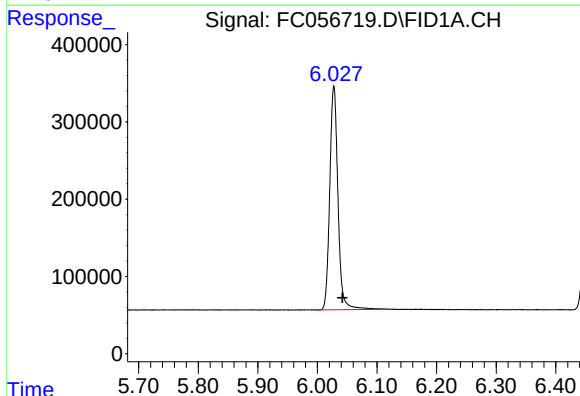
#1 n-Nonane (C9)

R.T.: 3.369 min
Delta R.T.: -0.014 min
Response: 2471441
Conc: 22.83 ug/ml m



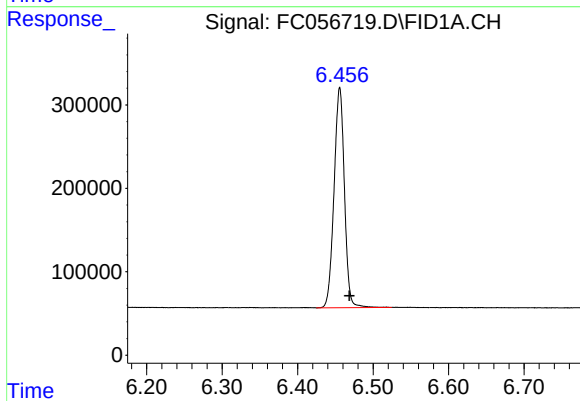
#2 n-Decane (C10)

R.T.: 4.437 min
Delta R.T.: -0.013 min
Response: 2501327
Conc: 23.22 ug/ml



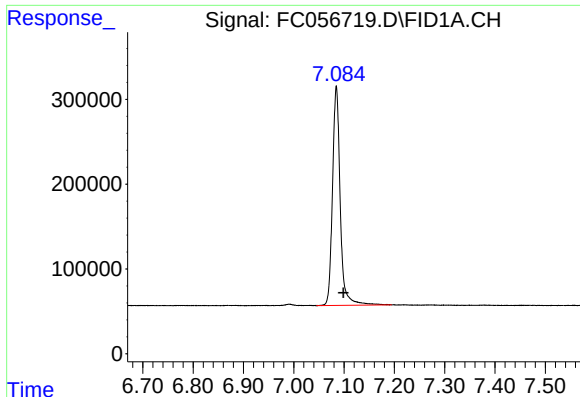
#3 A~Naphthalene (C11.7)

R.T.: 6.028 min
Delta R.T.: -0.014 min
Response: 2782536
Conc: 22.82 ug/ml



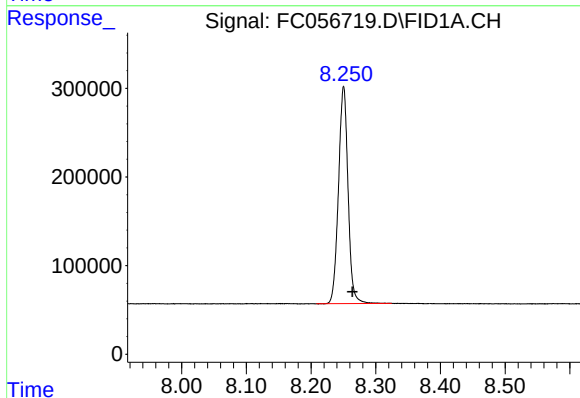
#4 n-Dodecane (C12)

R.T.: 6.456 min
Delta R.T.: -0.013 min
Response: 2521125
Conc: 22.87 ug/ml



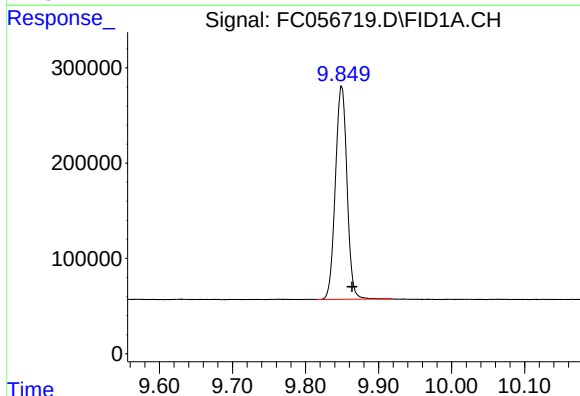
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.085 min
Delta R.T.: -0.014 min
Response: 2759757
Conc: 22.54 ug/ml



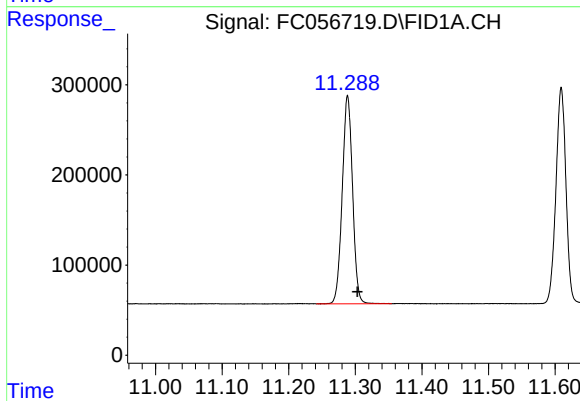
#6 n-Tetradecane (C14)

R.T.: 8.250 min
Delta R.T.: -0.014 min
Response: 2512429
Conc: 22.38 ug/ml



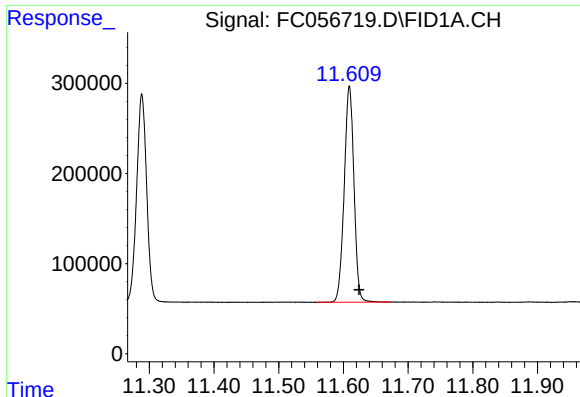
#7 n-Hexadecane (C16)

R.T.: 9.849 min
Delta R.T.: -0.014 min
Response: 2479152
Conc: 21.81 ug/ml



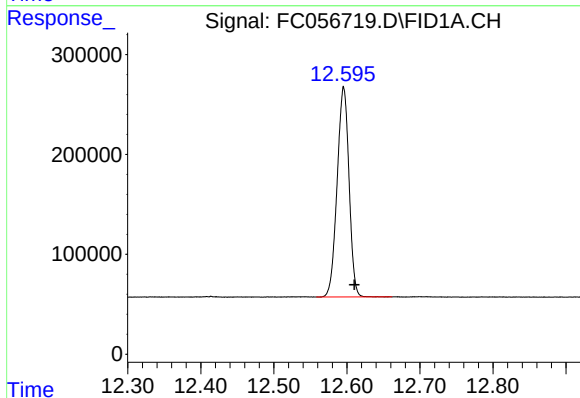
#8 n-Octadecane (C18)

R.T.: 11.289 min
Delta R.T.: -0.015 min
Response: 2489064
Conc: 21.30 ug/ml



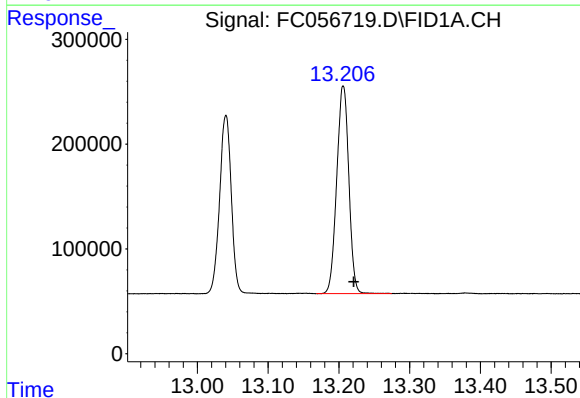
#9 ortho-Terphenyl (SURR)

R.T.: 11.609 min
Delta R.T.: -0.015 min
Response: 2514724
Conc: 20.31 ug/ml



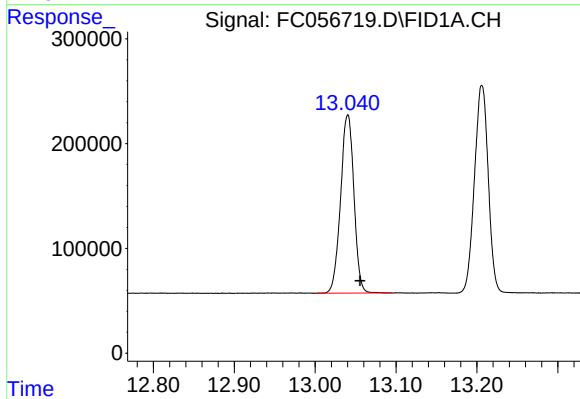
#10 n-Eicosane (C20)

R.T.: 12.595 min
Delta R.T.: -0.015 min
Response: 2376988
Conc: 20.68 ug/ml



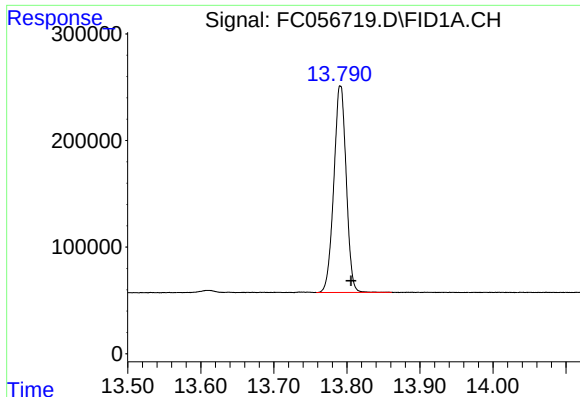
#11 n-Heneicosane (C21)

R.T.: 13.206 min
Delta R.T.: -0.015 min
Response: 2352672
Conc: 20.47 ug/ml



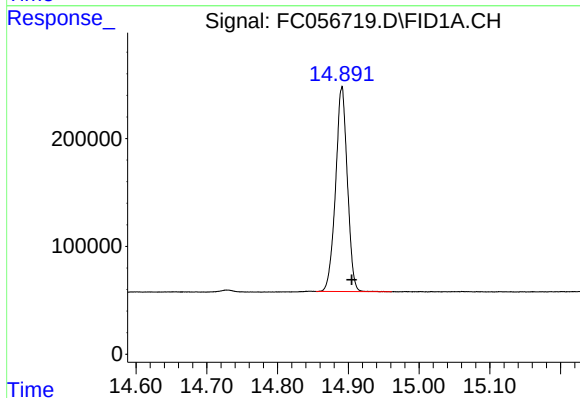
#12 1-chlorooctadecane (SURR)

R.T.: 13.040 min
Delta R.T.: -0.015 min
Response: 1950477
Conc: 20.27 ug/ml



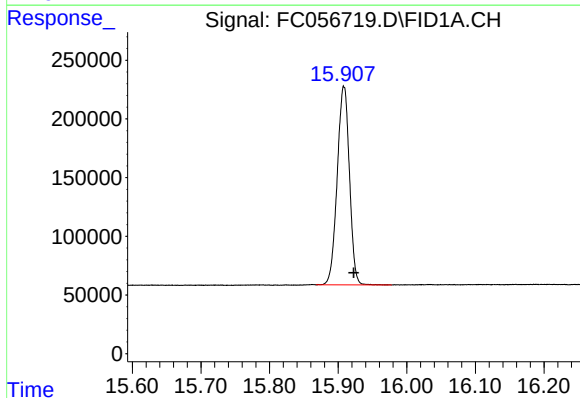
#13 n-Docosane (C22)

R.T.: 13.791 min
Delta R.T.: -0.014 min
Response: 2283498
Conc: 20.28 ug/ml



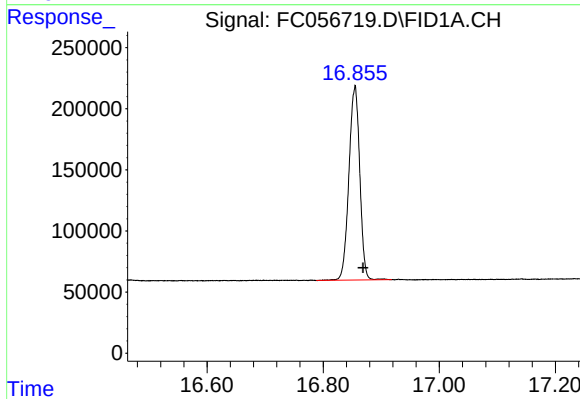
#14 n-Tetracosane (C24)

R.T.: 14.891 min
Delta R.T.: -0.014 min
Response: 2193256
Conc: 19.90 ug/ml



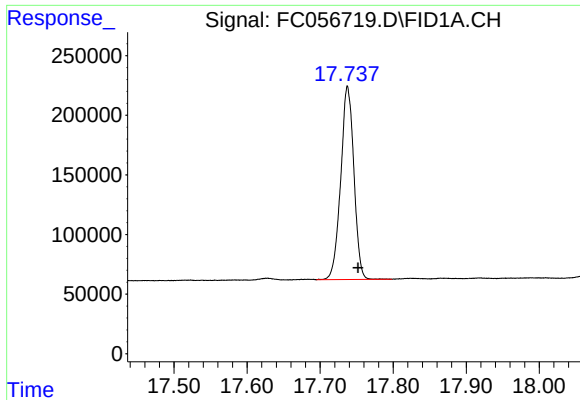
#15 n-Hexacosane (C26)

R.T.: 15.908 min
Delta R.T.: -0.015 min
Response: 2091855
Conc: 19.82 ug/ml



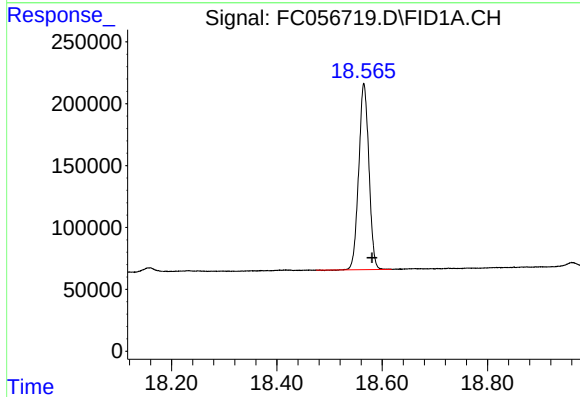
#16 n-Octacosane (C28)

R.T.: 16.854 min
Delta R.T.: -0.014 min
Response: 2058864
Conc: 19.85 ug/ml



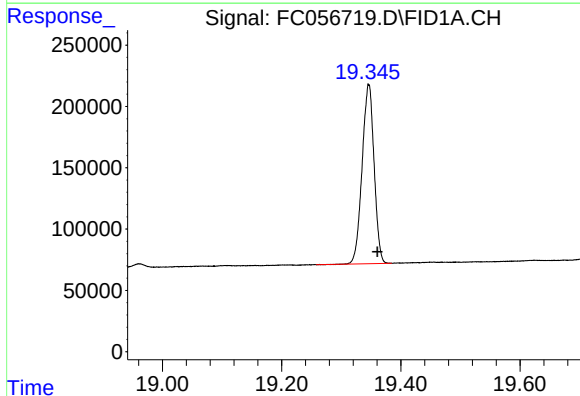
#17 n-Tricontane (C30)

R.T.: 17.738 min
Delta R.T.: -0.014 min
Response: 2028592
Conc: 19.58 ug/ml



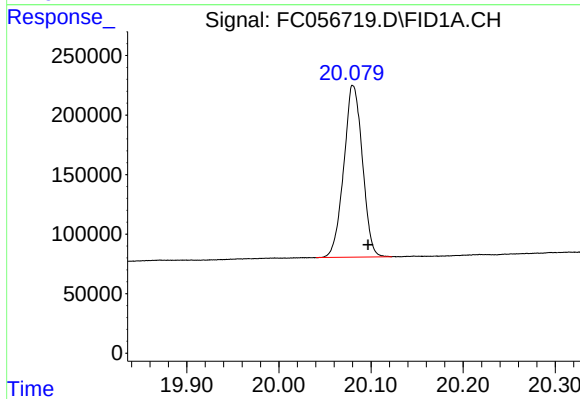
#18 n-Dotriacontane (C32)

R.T.: 18.565 min
Delta R.T.: -0.016 min
Response: 2014544
Conc: 21.03 ug/ml



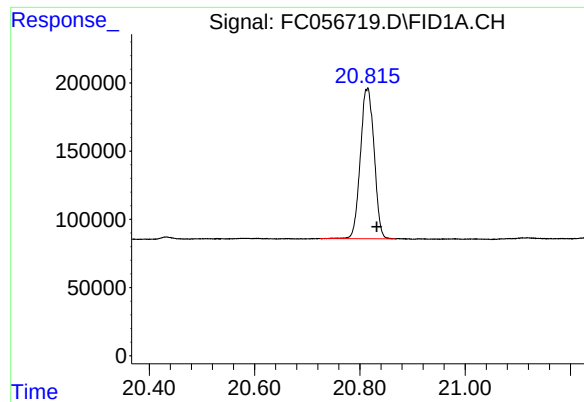
#19 n-Tetratriacontane (C34)

R.T.: 19.346 min
Delta R.T.: -0.015 min
Response: 2036827
Conc: 23.22 ug/ml



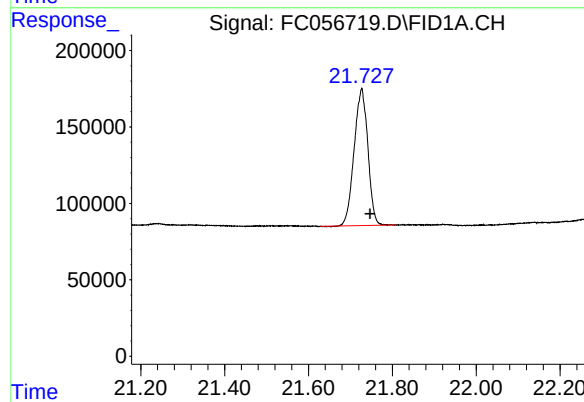
#20 n-Hexatriacontane (C36)

R.T.: 20.079 min
Delta R.T.: -0.018 min
Response: 2029401
Conc: 24.79 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.814 min
Delta R.T.: -0.018 min
Response: 1997689
Conc: 24.98 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.727 min
Delta R.T.: -0.020 min
Response: 2035852
Conc: 24.71 ug/ml