Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091021AL\
Data File : FC055591.D
Signal(s) : FID1A.CH
Acq On : 11 Sep 2021 7:12
Operator : AJ\MA
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 13 01:05:31 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 083021.M
Quant Title : GC Extractables
QLast Update : Tue Aug 31 01:45:39 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

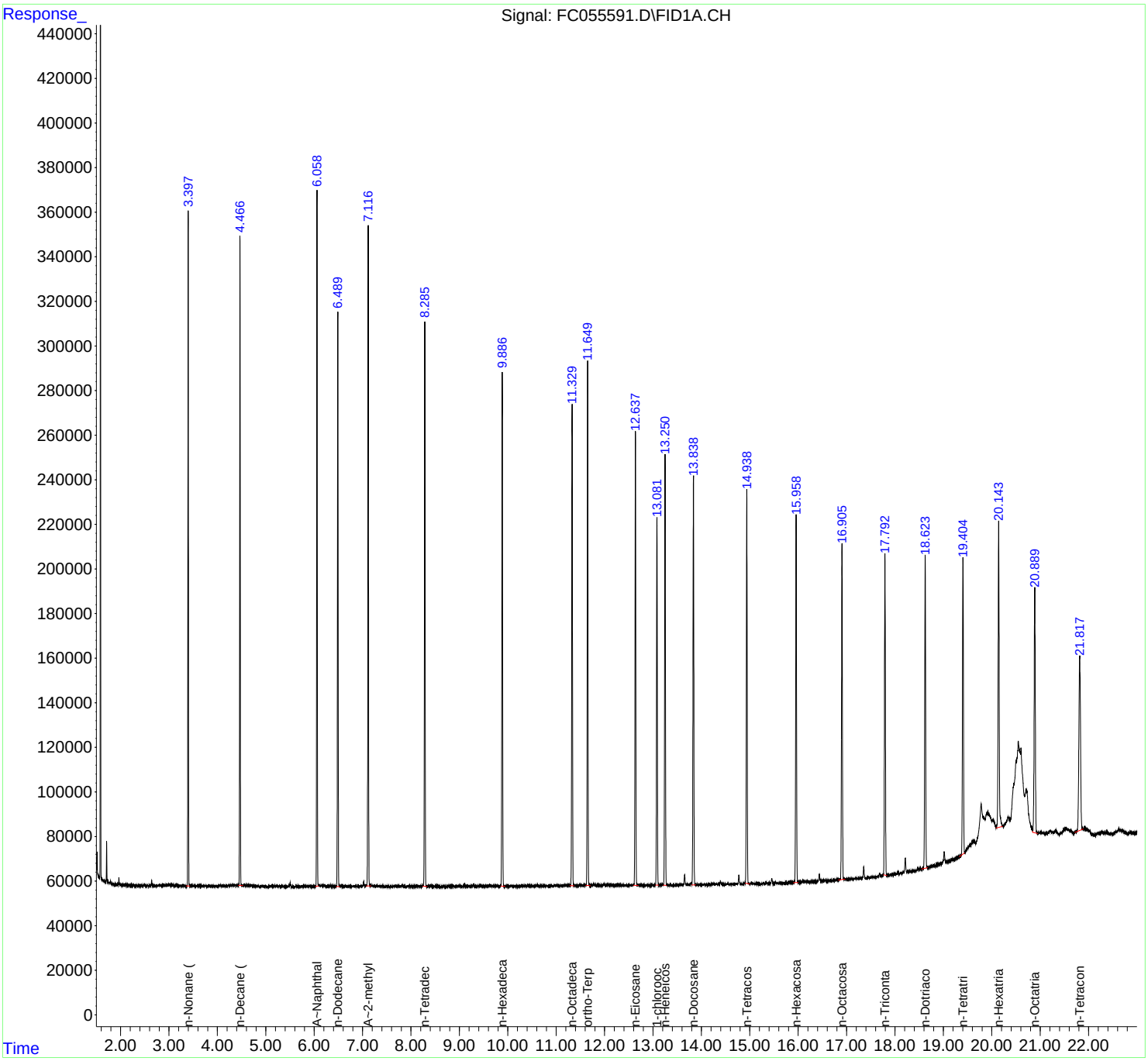
	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9) S	ortho-Terphenyl (SURR)	11.650	2487541	19.912 ug/ml
Spiked Amount	50.000		Recovery =	39.82%
12) S	1-chlorooctadecane (S...	13.082	1904337	19.242 ug/ml
Spiked Amount	50.000		Recovery =	38.48%
	Target Compounds			
1) T	n-Nonane (C9)	3.397	2443815	22.608 ug/ml
2) T	n-Decane (C10)	4.467	2517202	23.085 ug/ml
3) T	A~Naphthalene (C11.7)	6.059	2787731	22.624 ug/ml
4) T	n-Dodecane (C12)	6.489	2513905	22.959 ug/ml
5) T	A~2-methylnaphthalene...	7.116	2791474	22.431 ug/ml
6) T	n-Tetradecane (C14)	8.285	2517128	22.600 ug/ml
7) T	n-Hexadecane (C16)	9.886	2469465	21.851 ug/ml
8) T	n-Octadecane (C18)	11.329	2441533	20.970 ug/ml
10) T	n-Eicosane (C20)	12.638	2313553	19.800 ug/ml
11) T	n-Heneicosane (C21)	13.250	2277511	19.351 ug/ml
13) T	n-Docosane (C22)	13.837	2210219	18.947 ug/ml
14) T	n-Tetracosane (C24)	14.938	2116281	18.172 ug/ml
15) T	n-Hexacosane (C26)	15.958	2007512	17.721 ug/ml
16) T	n-Octacosane (C28)	16.905	1956331	17.680 ug/ml
17) T	n-Tricontane (C30)	17.793	1916766	18.026 ug/ml
18) T	n-Dotriacontane (C32)	18.624	1902745	18.986 ug/ml
19) T	n-Tetratriacontane (C34)	19.405	1872827	19.844 ug/ml
20) T	n-Hexatriacontane (C36)	20.143	2059015	23.715 ug/mlm
21) T	n-Octatriacontane (C38)	20.888	1796755	22.044 ug/ml
22) T	n-Tetracontane (C40)	21.816	1829973	22.785 ug/ml

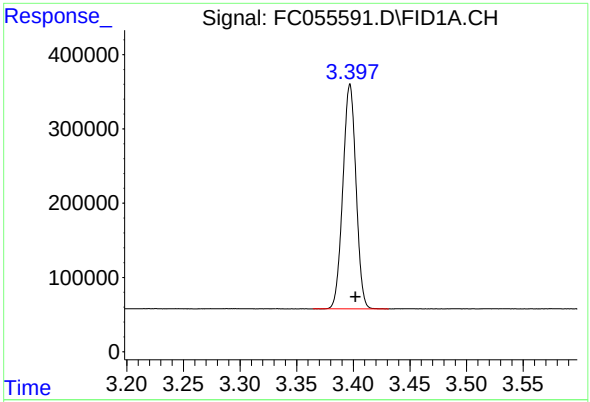
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091021AL\
Data File : FC055591.D
Signal(s) : FID1A.CH
Acq On : 11 Sep 2021 7:12
Operator : AJ\MA
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 13 01:05:31 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 083021.M
Quant Title : GC Extractables
QLast Update : Tue Aug 31 01:45:39 2021
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

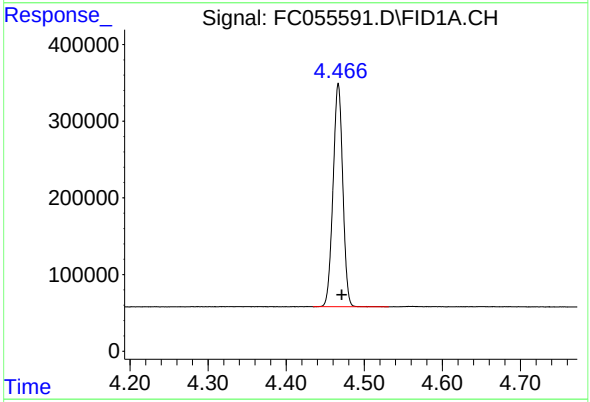
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





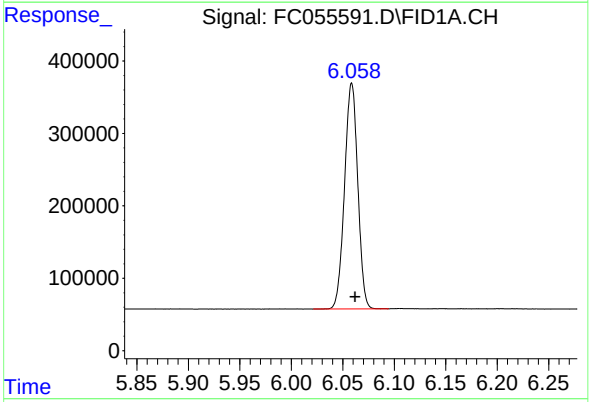
#1 n-Nonane (C9)

R.T.: 3.397 min
Delta R.T.: -0.005 min
Response: 2443815
Conc: 22.61 ug/ml



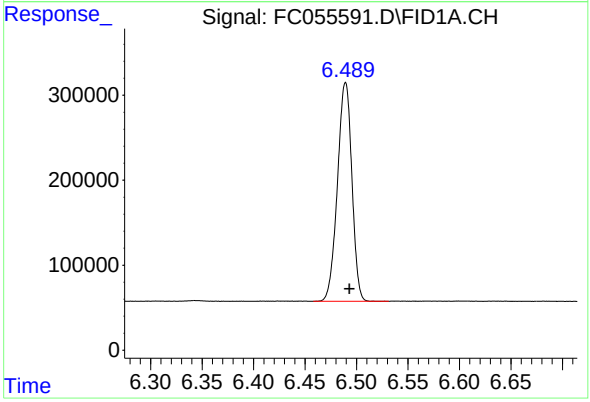
#2 n-Decane (C10)

R.T.: 4.467 min
Delta R.T.: -0.004 min
Response: 2517202
Conc: 23.09 ug/ml



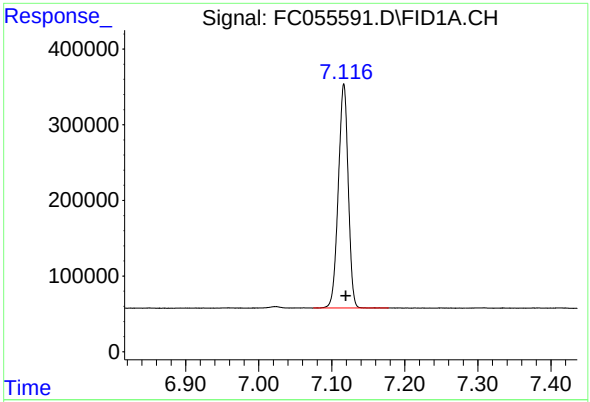
#3 A~Naphthalene (C11.7)

R.T.: 6.059 min
Delta R.T.: -0.003 min
Response: 2787731
Conc: 22.62 ug/ml



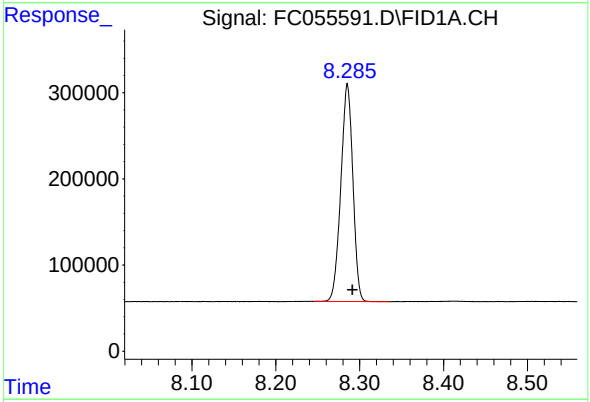
#4 n-Dodecane (C12)

R.T.: 6.489 min
Delta R.T.: -0.004 min
Response: 2513905
Conc: 22.96 ug/ml



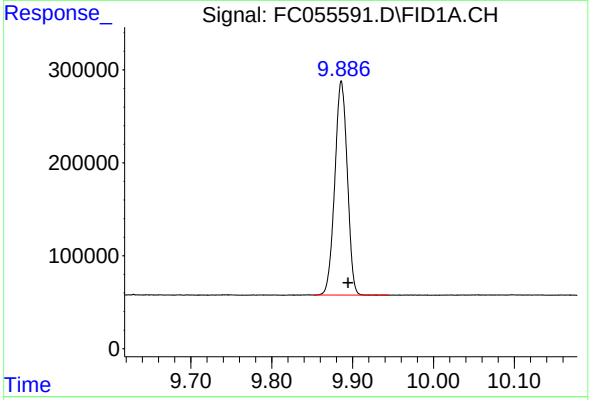
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.116 min
Delta R.T.: -0.003 min
Response: 2791474
Conc: 22.43 ug/ml



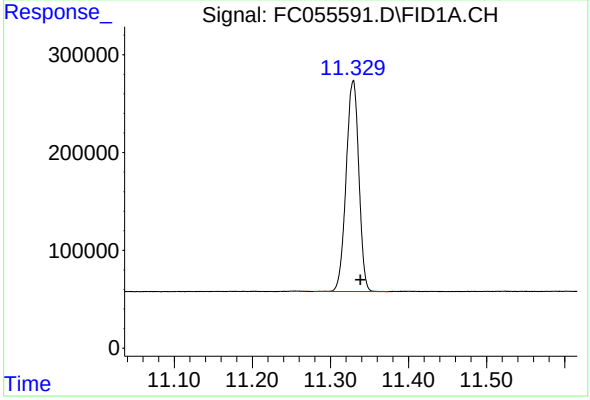
#6 n-Tetradecane (C14)

R.T.: 8.285 min
Delta R.T.: -0.006 min
Response: 2517128
Conc: 22.60 ug/ml



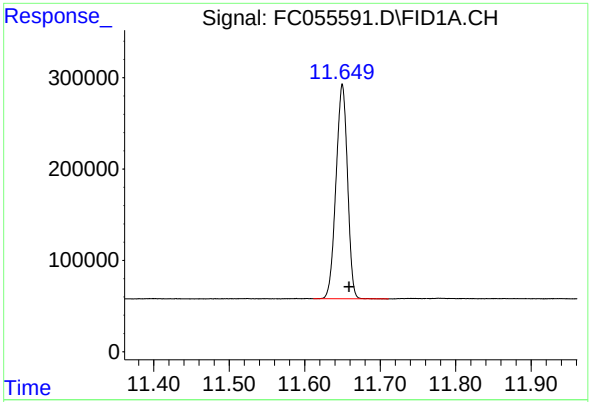
#7 n-Hexadecane (C16)

R.T.: 9.886 min
Delta R.T.: -0.008 min
Response: 2469465
Conc: 21.85 ug/ml



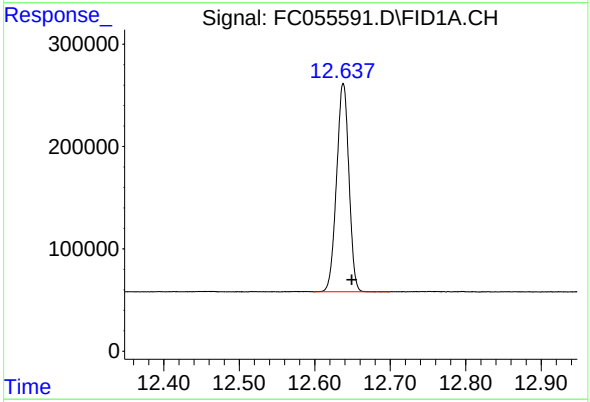
#8 n-Octadecane (C18)

R.T.: 11.329 min
Delta R.T.: -0.009 min
Response: 2441533
Conc: 20.97 ug/ml



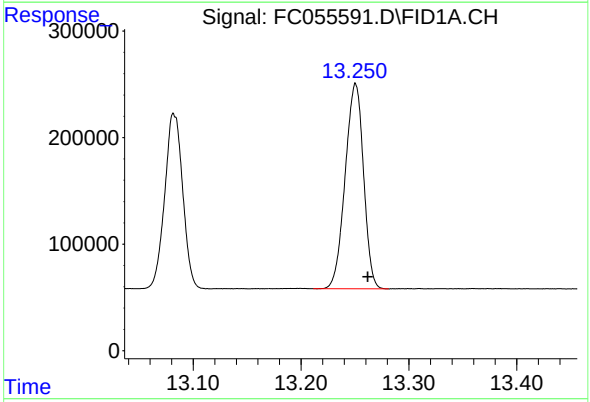
#9 ortho-Terphenyl (SURR)

R.T.: 11.650 min
Delta R.T.: -0.009 min
Response: 2487541
Conc: 19.91 ug/ml



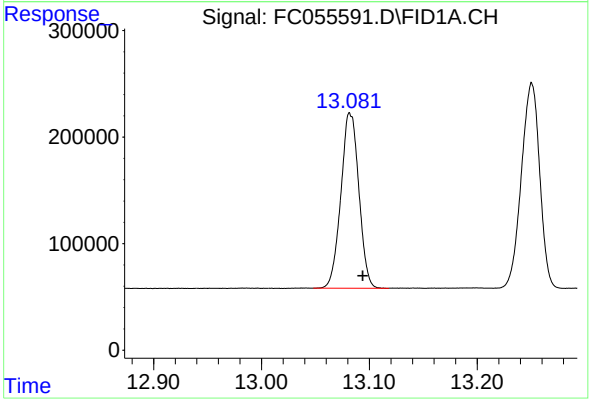
#10 n-Eicosane (C20)

R.T.: 12.638 min
Delta R.T.: -0.011 min
Response: 2313553
Conc: 19.80 ug/ml



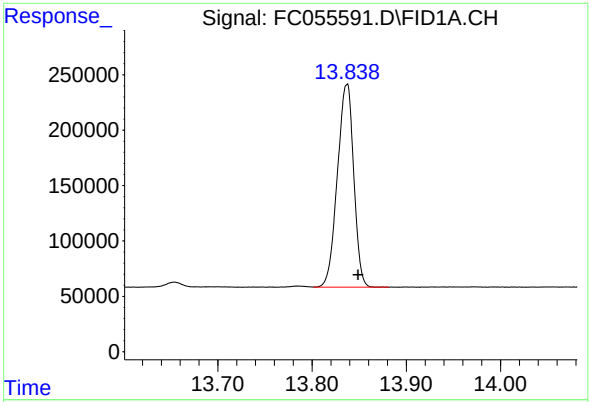
#11 n-Heneicosane (C21)

R.T.: 13.250 min
Delta R.T.: -0.012 min
Response: 2277511
Conc: 19.35 ug/ml



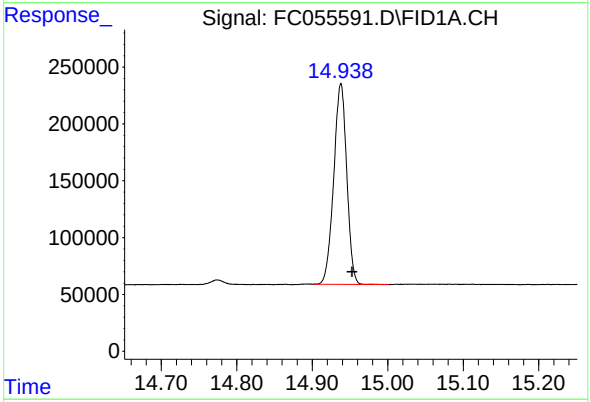
#12 1-chlorooctadecane (SURR)

R.T.: 13.082 min
Delta R.T.: -0.012 min
Response: 1904337
Conc: 19.24 ug/ml



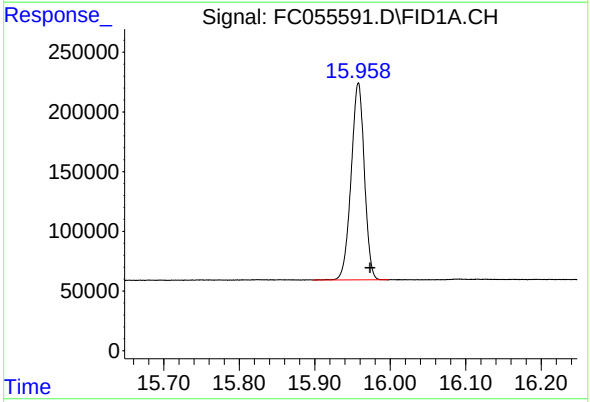
#13 n-Docosane (C22)

R.T.: 13.837 min
Delta R.T.: -0.012 min
Response: 2210219
Conc: 18.95 ug/ml



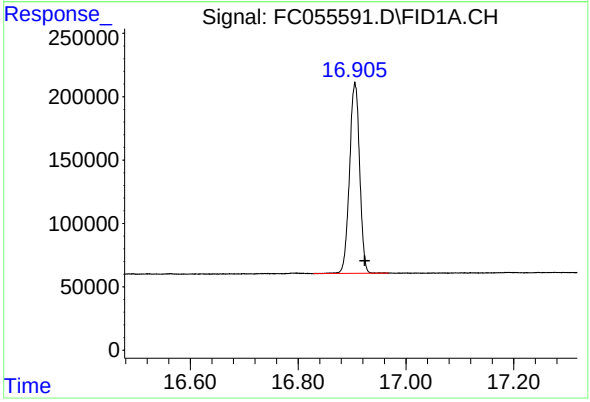
#14 n-Tetracosane (C24)

R.T.: 14.938 min
Delta R.T.: -0.015 min
Response: 2116281
Conc: 18.17 ug/ml



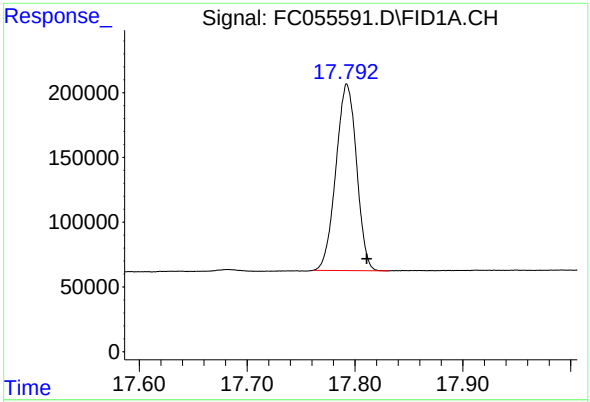
#15 n-Hexacosane (C26)

R.T.: 15.958 min
Delta R.T.: -0.016 min
Response: 2007512
Conc: 17.72 ug/ml



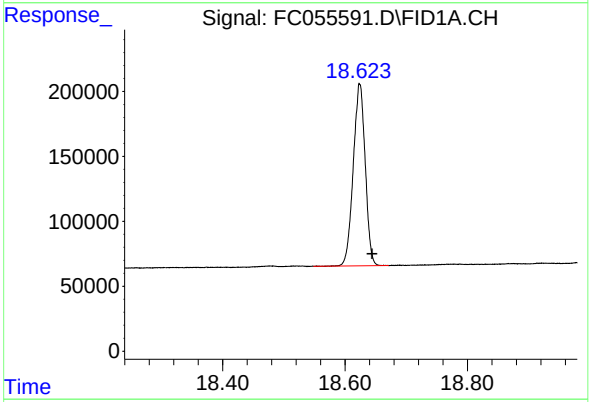
#16 n-Octacosane (C28)

R.T.: 16.905 min
Delta R.T.: -0.018 min
Response: 1956331
Conc: 17.68 ug/ml



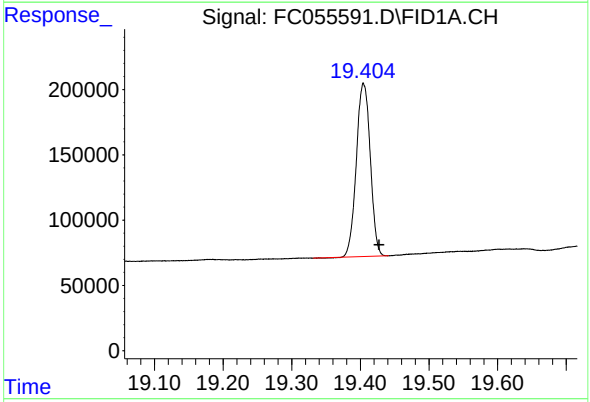
#17 n-Tricontane (C30)

R.T.: 17.793 min
Delta R.T.: -0.018 min
Response: 1916766
Conc: 18.03 ug/ml



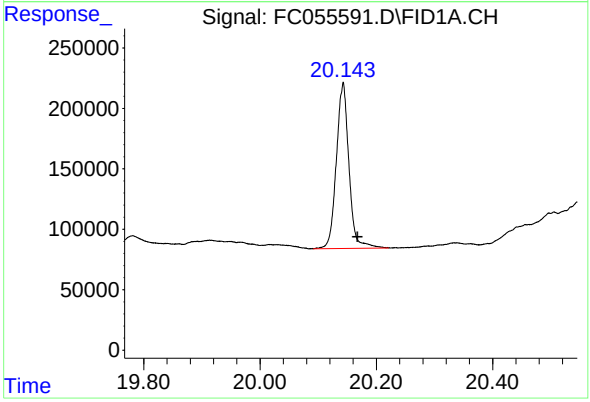
#18 n-Dotriacontane (C32)

R.T.: 18.624 min
Delta R.T.: -0.020 min
Response: 1902745
Conc: 18.99 ug/ml



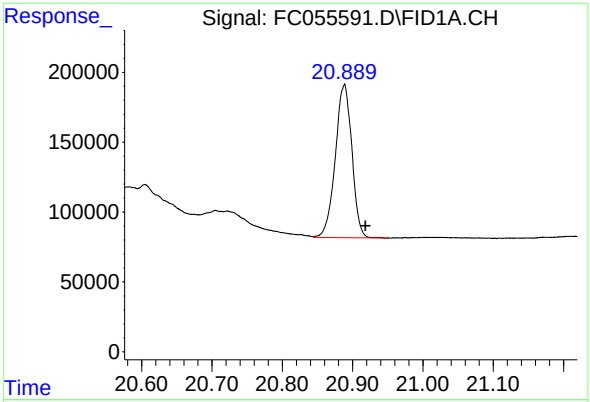
#19 n-Tetratriacontane (C34)

R.T.: 19.405 min
Delta R.T.: -0.023 min
Response: 1872827
Conc: 19.84 ug/ml



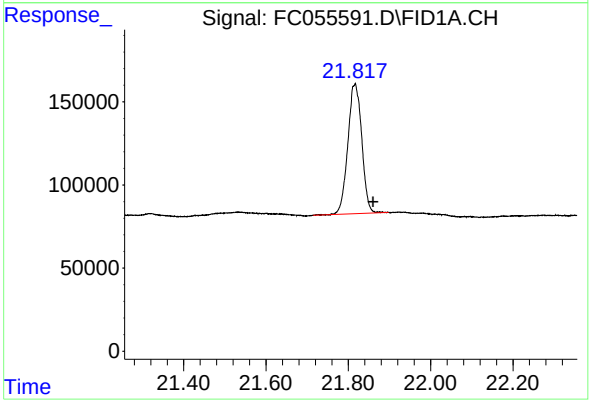
#20 n-Hexatriacontane (C36)

R.T.: 20.143 min
Delta R.T.: -0.024 min
Response: 2059015
Conc: 23.71 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.888 min
Delta R.T.: -0.030 min
Response: 1796755
Conc: 22.04 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.816 min
Delta R.T.: -0.044 min
Response: 1829973
Conc: 22.78 ug/ml