Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082020AL\
Data File : FC049111.D
Signal(s) : FID1A.CH
Acq On : 20 Aug 2020 11:28
Operator : DD\AJ
Sample : L3508-21MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Aug 21 01:44:40 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080720.M
Quant Title : GC Extractables
QLast Update : Sat Aug 08 02:38:47 2020
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			
12) S	1-chlorooctadecane (S...	13.117	3506559	36.046 ug/ml
Spiked Amount	50.000		Recovery =	72.09%
	Target Compounds			
1) T	n-Nonane (C9)	3.409	2024568	19.411 ug/ml
2) T	n-Decane (C10)	4.486	2765912	26.370 ug/ml
4) T	n-Dodecane (C12)	6.514	3903772	36.805 ug/ml
6) T	n-Tetradecane (C14)	8.315	4761032	45.211 ug/ml
7) T	n-Hexadecane (C16)	9.918	5319719	50.682 ug/ml
8) T	n-Octadecane (C18)	11.361	5637511	51.315 ug/ml
10) T	n-Eicosane (C20)	12.672	5605206	50.370 ug/ml
11) T	n-Heneicosane (C21)	13.284	5581458	49.965 ug/ml
13) T	n-Docosane (C22)	13.871	5587913	49.714 ug/ml
14) T	n-Tetracosane (C24)	14.972	5452649	47.961 ug/ml
15) T	n-Hexacosane (C26)	15.993	5223220	45.650 ug/ml
16) T	n-Octacosane (C28)	16.941	5142301	44.201 ug/ml
17) T	n-Tricontane (C30)	17.827	5002084	43.271 ug/ml
18) T	n-Dotriacontane (C32)	18.660	4776538	44.176 ug/ml
19) T	n-Tetratriacontane (C34)	19.442	4613544	44.482 ug/ml
20) T	n-Hexatriacontane (C36)	20.181	4713340	47.404 ug/ml
21) T	n-Octatriacontane (C38)	20.935	4347660	45.977 ug/ml
22) T	n-Tetracontane (C40)	21.892	4924938	51.589 ug/ml

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

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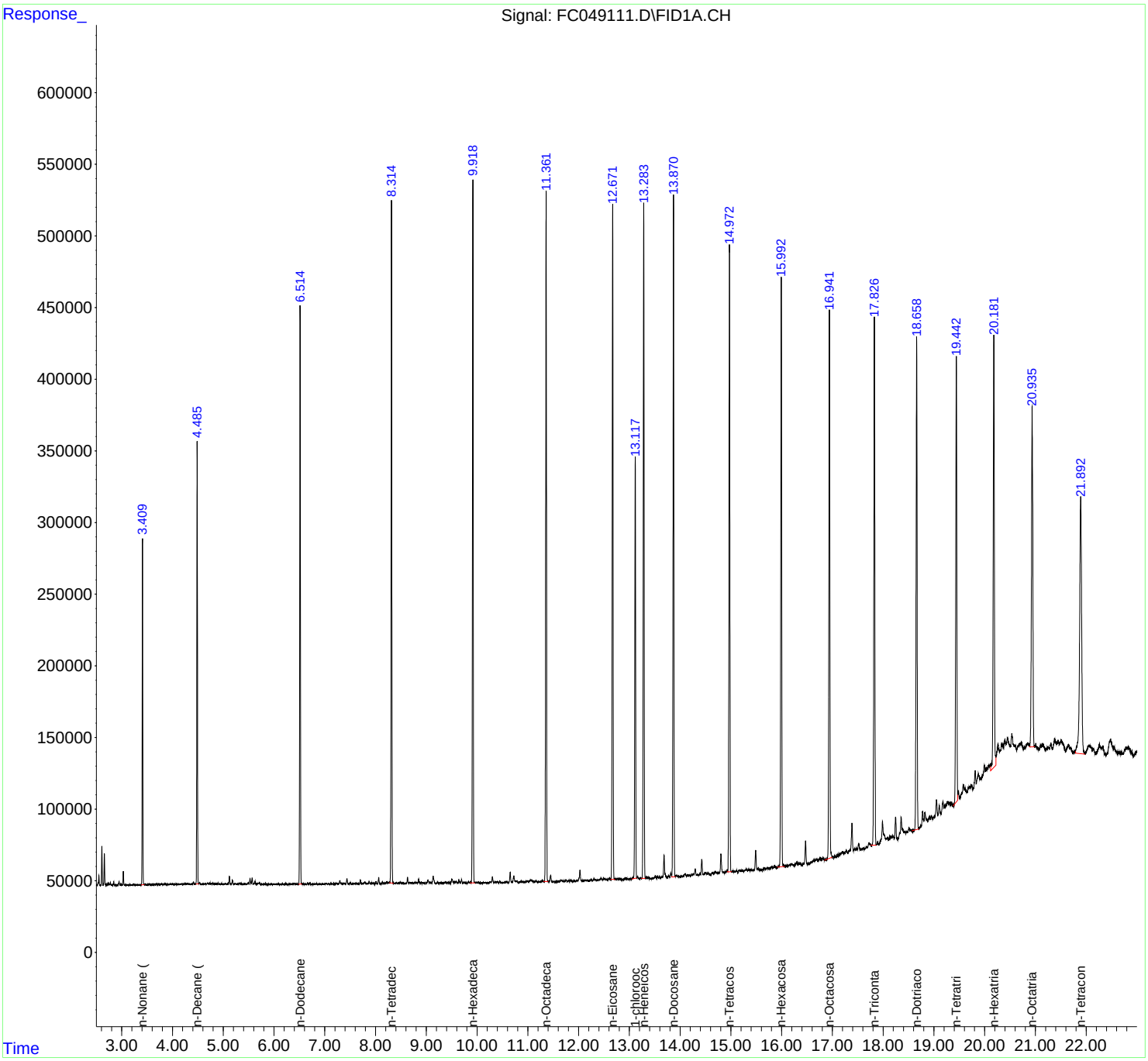
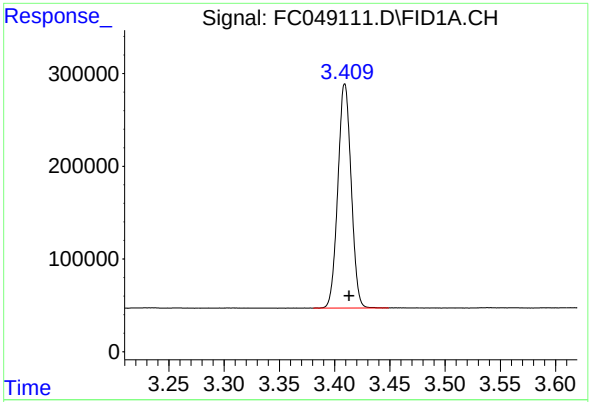
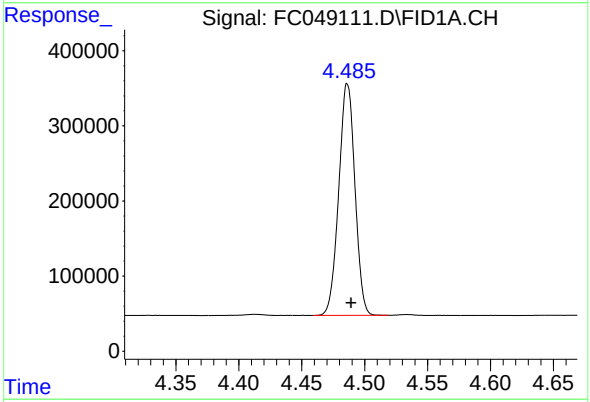




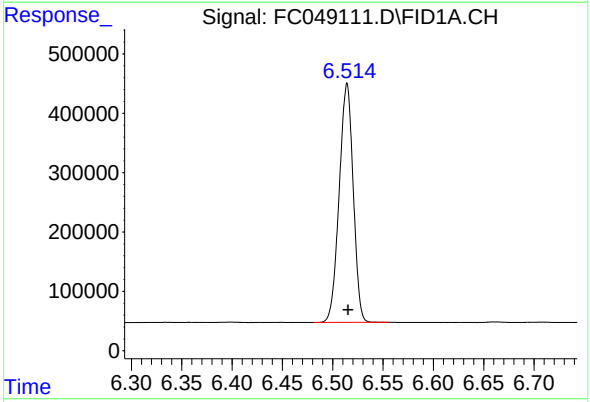
#1 n-Nonane (C9)

R.T.: 3.409 min
Delta R.T.: -0.004 min
Response: 2024568
Conc: 19.41 ug/ml



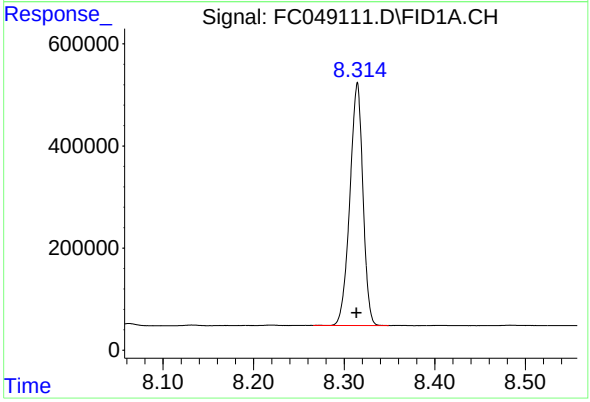
#2 n-Decane (C10)

R.T.: 4.486 min
Delta R.T.: -0.003 min
Response: 2765912
Conc: 26.37 ug/ml



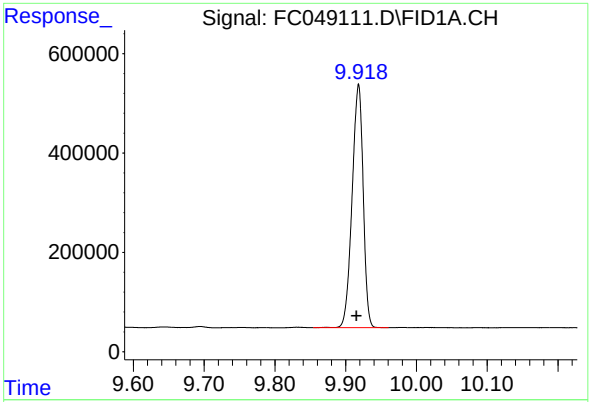
#4 n-Dodecane (C12)

R.T.: 6.514 min
Delta R.T.: -0.001 min
Response: 3903772
Conc: 36.81 ug/ml



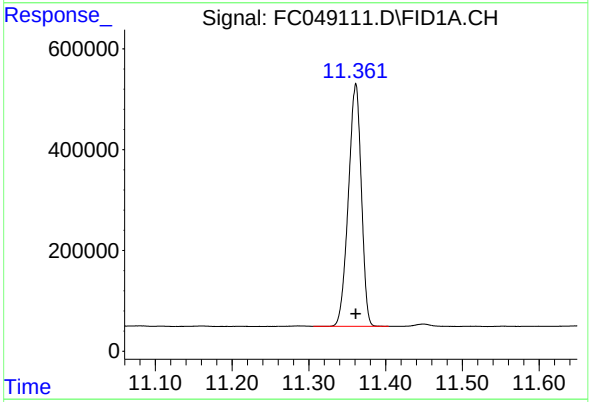
#6 n-Tetradecane (C14)

R.T.: 8.315 min
Delta R.T.: 0.001 min
Response: 4761032
Conc: 45.21 ug/ml



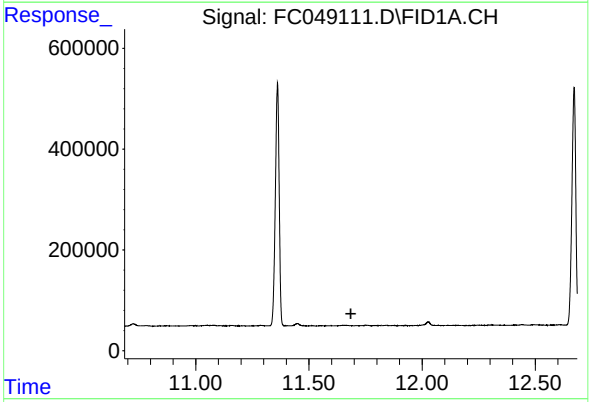
#7 n-Hexadecane (C16)

R.T.: 9.918 min
Delta R.T.: 0.003 min
Response: 5319719
Conc: 50.68 ug/ml



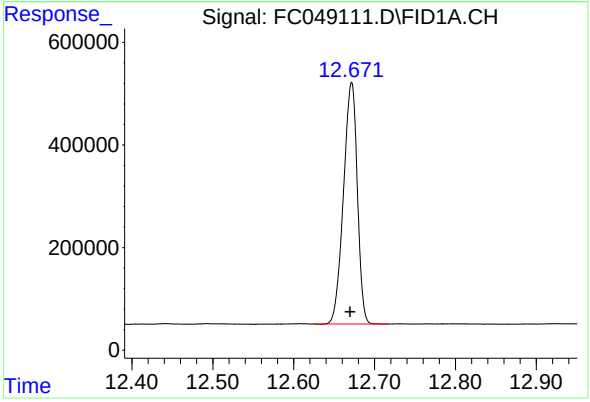
#8 n-Octadecane (C18)

R.T.: 11.361 min
Delta R.T.: 0.000 min
Response: 5637511
Conc: 51.32 ug/ml



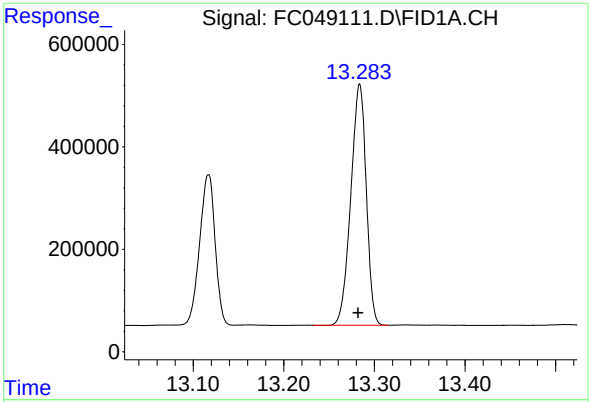
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.685 min
Response: 0
Conc: N.D.



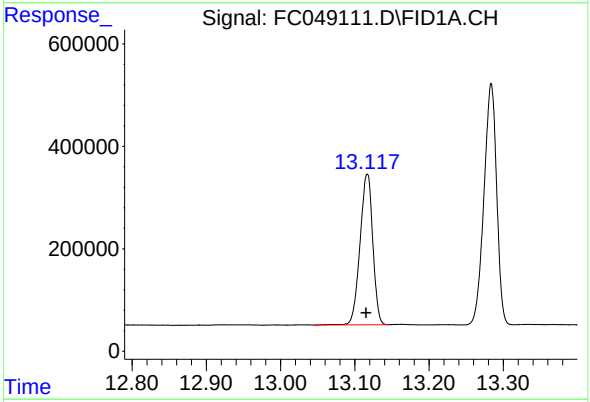
#10 n-Eicosane (C20)

R.T.: 12.672 min
Delta R.T.: 0.002 min
Response: 5605206
Conc: 50.37 ug/ml



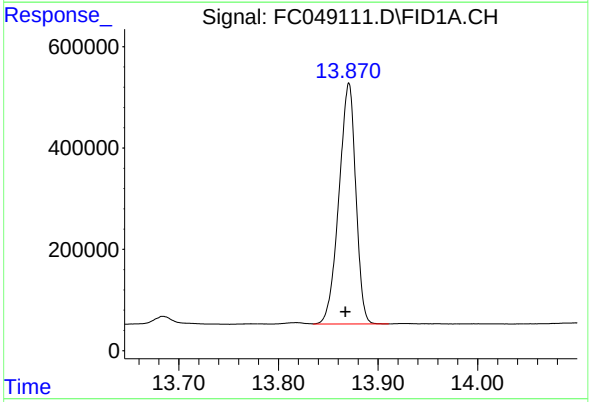
#11 n-Heneicosane (C21)

R.T.: 13.284 min
Delta R.T.: 0.002 min
Response: 5581458
Conc: 49.96 ug/ml



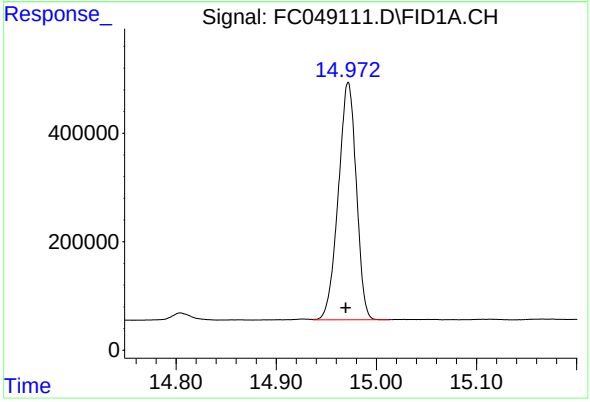
#12 1-chlorooctadecane (SURR)

R.T.: 13.117 min
Delta R.T.: 0.002 min
Response: 3506559
Conc: 36.05 ug/ml



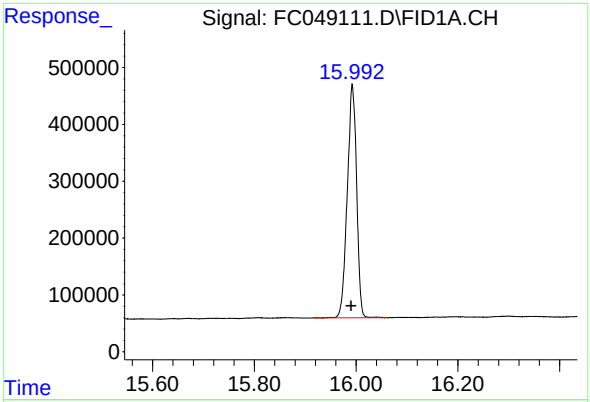
#13 n-Docosane (C22)

R.T.: 13.871 min
Delta R.T.: 0.003 min
Response: 5587913
Conc: 49.71 ug/ml



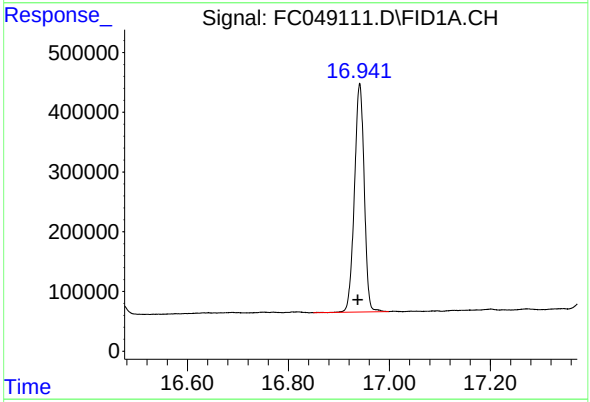
#14 n-Tetracosane (C24)

R.T.: 14.972 min
Delta R.T.: 0.003 min
Response: 5452649
Conc: 47.96 ug/ml



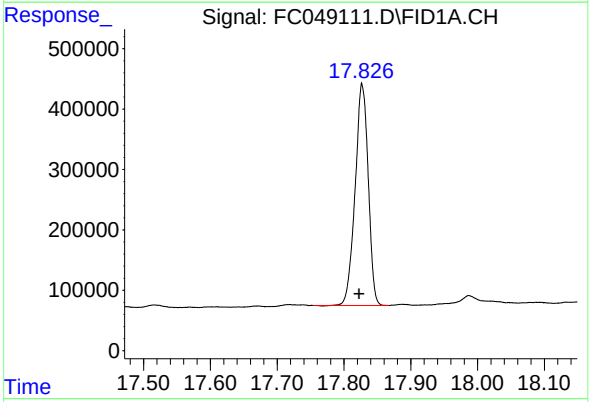
#15 n-Hexacosane (C26)

R.T.: 15.993 min
Delta R.T.: 0.002 min
Response: 5223220
Conc: 45.65 ug/ml



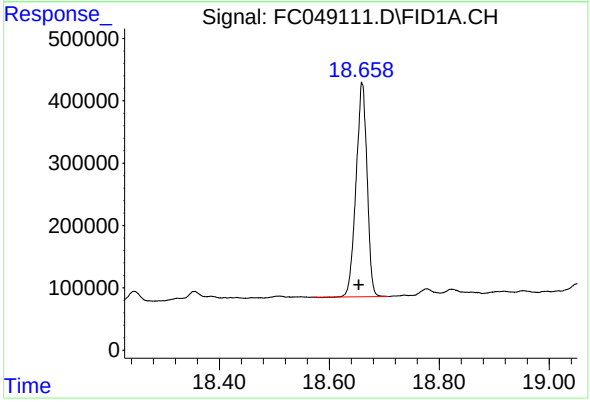
#16 n-Octacosane (C28)

R.T.: 16.941 min
Delta R.T.: 0.004 min
Response: 5142301
Conc: 44.20 ug/ml



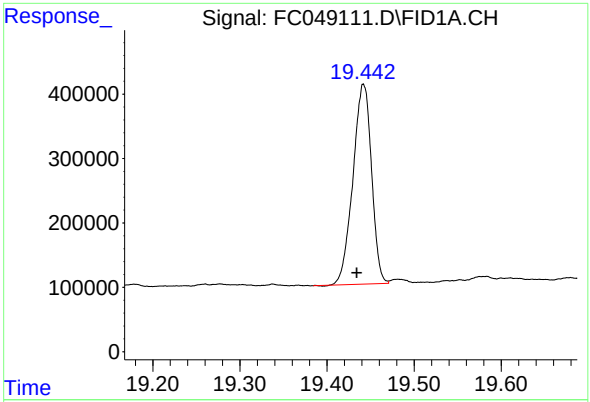
#17 n-Tricontane (C30)

R.T.: 17.827 min
Delta R.T.: 0.004 min
Response: 5002084
Conc: 43.27 ug/ml



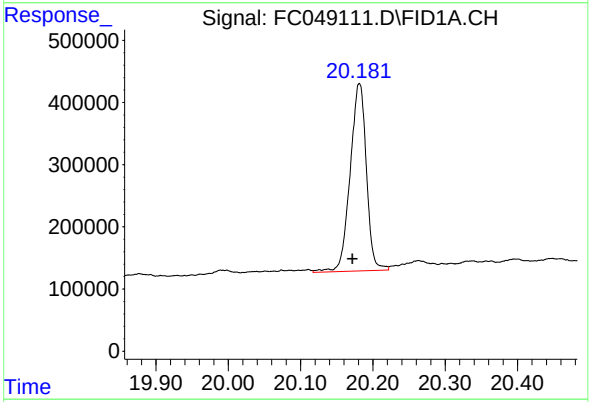
#18 n-Dotriacontane (C32)

R.T.: 18.660 min
Delta R.T.: 0.006 min
Response: 4776538
Conc: 44.18 ug/ml



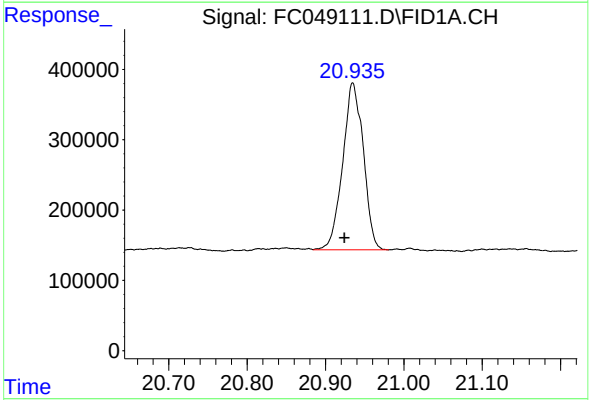
#19 n-Tetratriacontane (C34)

R.T.: 19.442 min
Delta R.T.: 0.008 min
Response: 4613544
Conc: 44.48 ug/ml



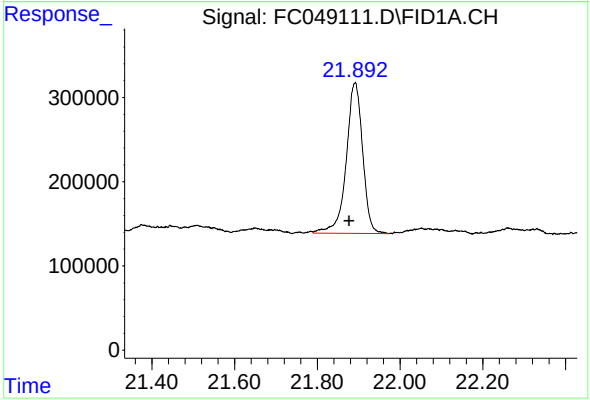
#20 n-Hexatriacontane (C36)

R.T.: 20.181 min
Delta R.T.: 0.010 min
Response: 4713340
Conc: 47.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.935 min
Delta R.T.: 0.011 min
Response: 4347660
Conc: 45.98 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.892 min
Delta R.T.: 0.015 min
Response: 4924938
Conc: 51.59 ug/ml