Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050721AL\
Data File : FC053592.D
Signal(s) : FID1A.CH
Acq On : 08 May 2021 3:22
Operator : DD\AJ
Sample : M2309-03MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
MH-TP2MSD

Manual Integrations APPROVED
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Integration File: autoint1.e
Quant Time: May 08 05:03:09 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 050321.M
Quant Title : GC Extractables
QLast Update : Tue May 04 11:44:19 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)	11.531	3956421	28.577 ug/ml
Spiked Amount	50.000		Recovery =	57.15%
12) S	1-chlorooctadecane (S...	12.971	3011640	27.002 ug/ml
Spiked Amount	50.000		Recovery =	54.00%
	Target Compounds			
1) T	n-Nonane (C9)	3.295	4203057	35.585 ug/ml
2) T	n-Decane (C10)	4.358	4744184	40.064 ug/ml
3) T	A~Naphthalene (C11.7)	5.939	5522790	42.385 ug/ml
4) T	n-Dodecane (C12)	6.375	5343950	44.163 ug/ml
5) T	A~2-methylnaphthalene...	6.997	5710789	43.194 ug/ml
6) T	n-Tetradecane (C14)	8.175	5768804	47.356 ug/ml
7) T	n-Hexadecane (C16)	9.775	6021230	49.162 ug/ml
8) T	n-Octadecane (C18)	11.219	6282151	48.238 ug/ml
10) T	n-Eicosane (C20)	12.530	6163087	46.563 ug/ml
11) T	n-Heneicosane (C21)	13.141	6137633	46.214 ug/ml
13) T	n-Docosane (C22)	13.728	6106433	45.909 ug/ml
14) T	n-Tetracosane (C24)	14.831	4727307	35.414 ug/ml
15) T	n-Hexacosane (C26)	15.856	5752116	43.507 ug/ml
16) T	n-Octacosane (C28)	16.805	5663530	43.265 ug/ml
17) T	n-Tricontane (C30)	17.695	5189188	39.785 ug/ml
18) T	n-Dotriacontane (C32)	18.527	4852225	38.455 ug/ml
19) T	n-Tetratriacontane (C34)	19.311	4620426	37.922 ug/ml
20) T	n-Hexatriacontane (C36)	20.052	4331134	37.044 ug/mlm
21) T	n-Octatriacontane (C38)	20.782	4198517	40.813 ug/ml
22) T	n-Tetracontane (C40)	21.678	4304176	43.195 ug/ml

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

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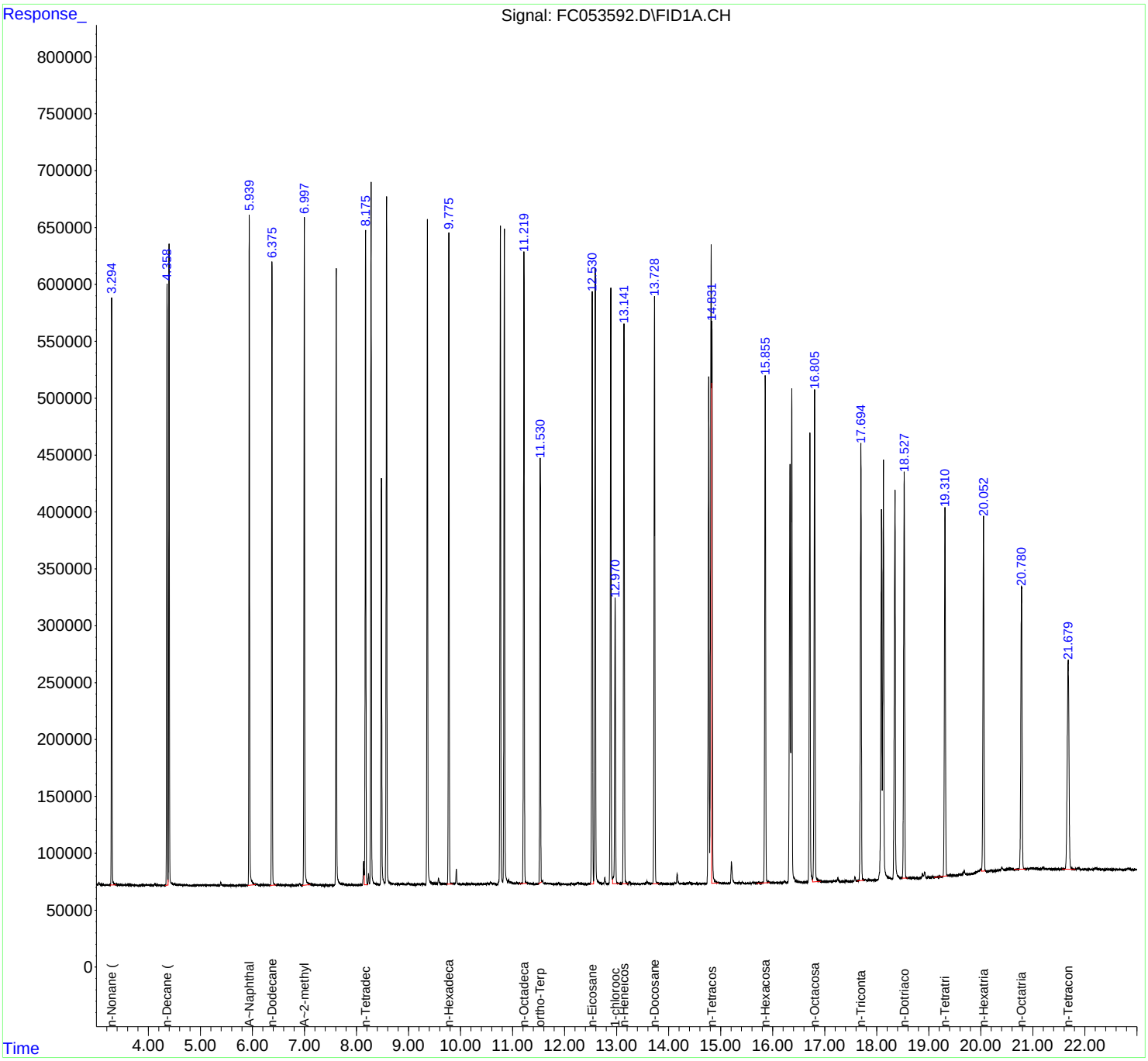

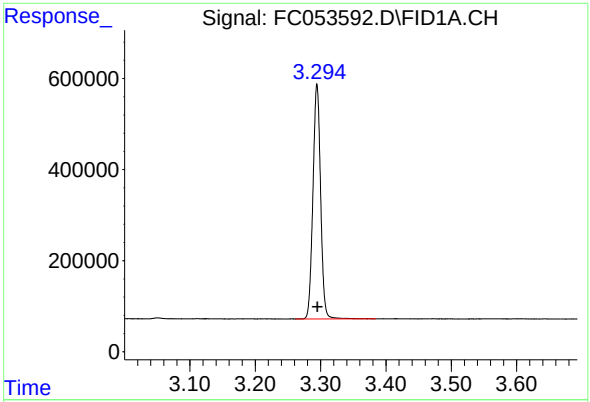

#1 n-Nonane (C9)

R.T.: 3.295 min
Delta R.T.: 0.000 min
Response: 4203057
Conc: 35.59 ug/ml

Instrument :
FID_C
ClientSampleId :
MH-TP2MSD

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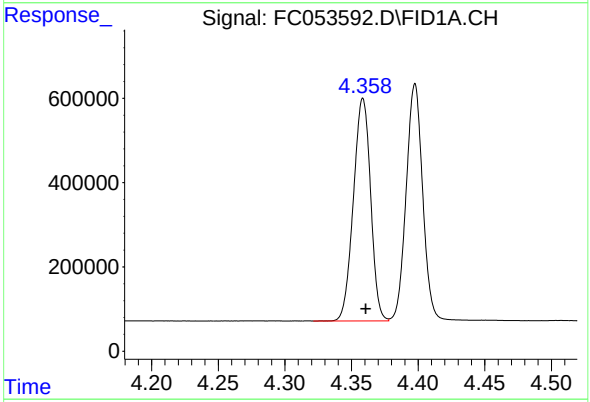
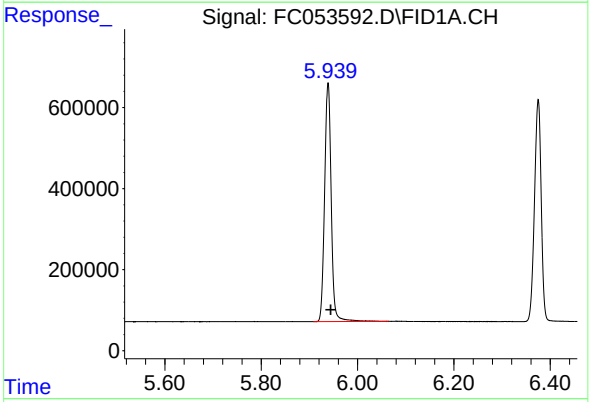


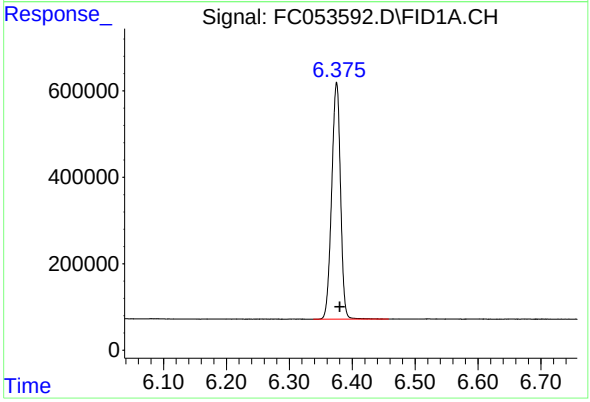
#2 n-Decane (C10)

R.T.: 4.358 min
Delta R.T.: -0.002 min
Response: 4744184
Conc: 40.06 ug/ml



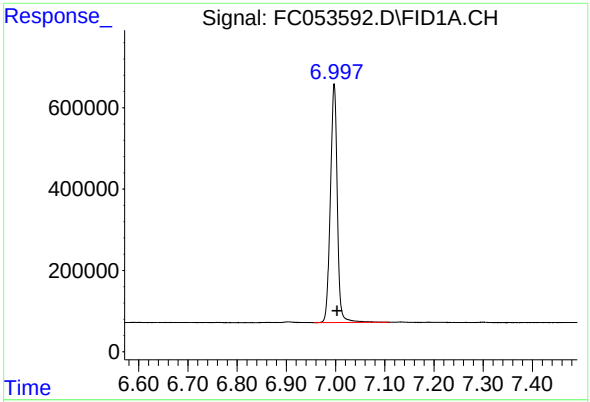
#3 A~Naphthalene (C11.7)

R.T.: 5.939 min
Delta R.T.: -0.006 min
Response: 5522790
Conc: 42.38 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.375 min
Delta R.T.: -0.005 min
Response: 5343950
Conc: 44.16 ug/ml



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

R.T.: 6.997 min
Delta R.T.: -0.006 min
Response: 5710789
Conc: 43.19 ug/ml

Instrument :
FID_C
ClientSampleId :
MH-TP2MSD

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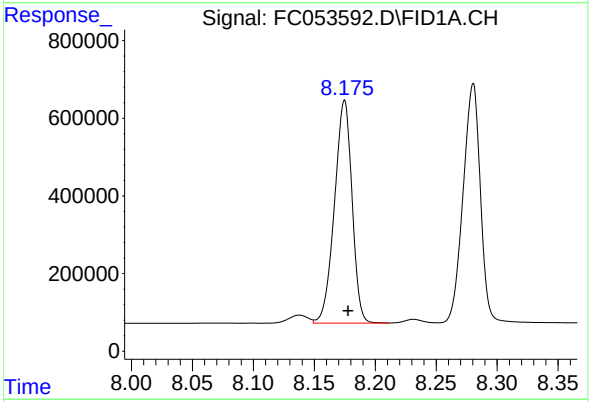
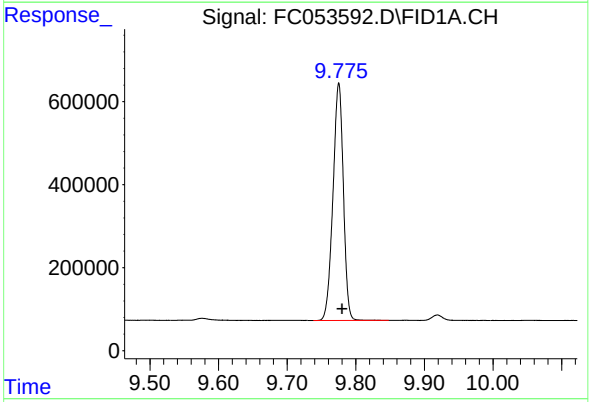


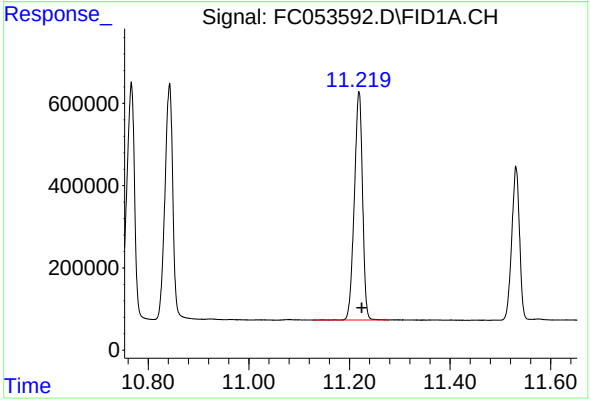
#6 n-Tetradecane (C14)

R.T.: 8.175 min
Delta R.T.: -0.003 min
Response: 5768804
Conc: 47.36 ug/ml



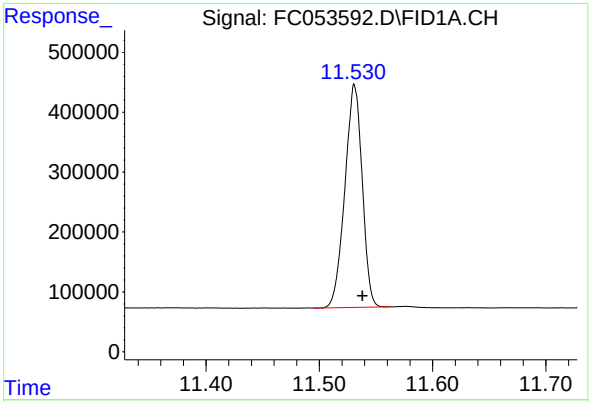
#7 n-Hexadecane (C16)

R.T.: 9.775 min
Delta R.T.: -0.005 min
Response: 6021230
Conc: 49.16 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.219 min
Delta R.T.: -0.005 min
Response: 6282151
Conc: 48.24 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.531 min
Delta R.T.: -0.007 min
Response: 3956421
Conc: 28.58 ug/ml

Instrument :
FID_C
ClientSampleId :
MH-TP2MSD

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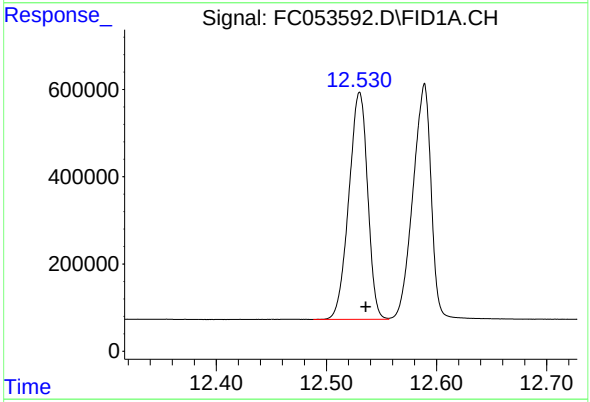
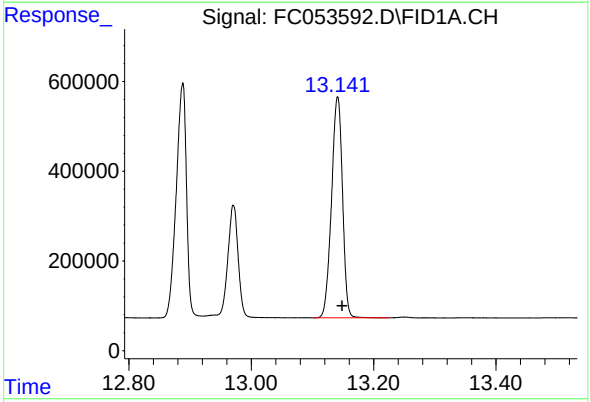


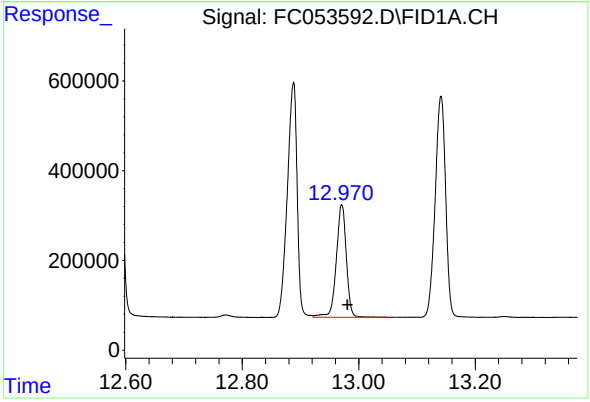
#10 n-Eicosane (C20)

R.T.: 12.530 min
Delta R.T.: -0.006 min
Response: 6163087
Conc: 46.56 ug/ml



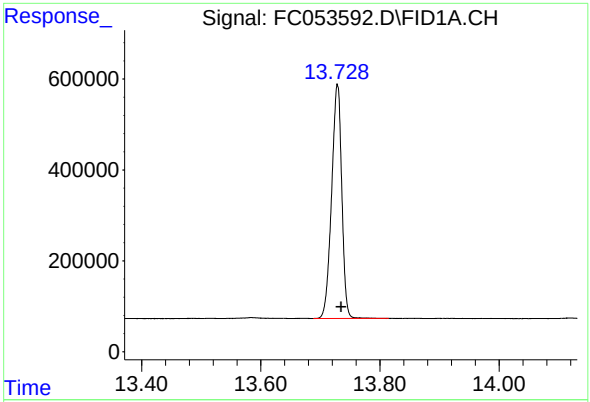
#11 n-Heneicosane (C21)

R.T.: 13.141 min
Delta R.T.: -0.007 min
Response: 6137633
Conc: 46.21 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.971 min
Delta R.T.: -0.009 min
Response: 3011640
Conc: 27.00 ug/ml



#13 n-Docosane (C22)

R.T.: 13.728 min
Delta R.T.: -0.007 min
Response: 6106433
Conc: 45.91 ug/ml

Instrument :
FID_C
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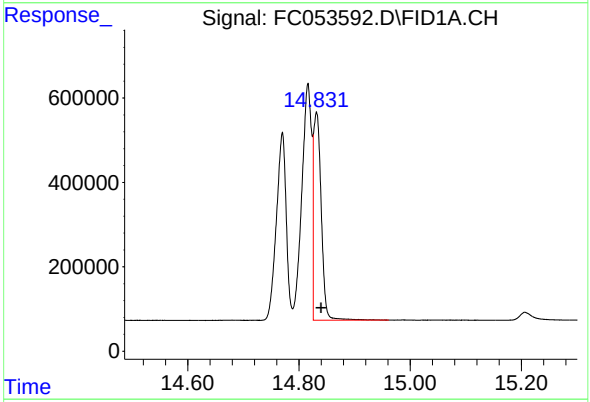
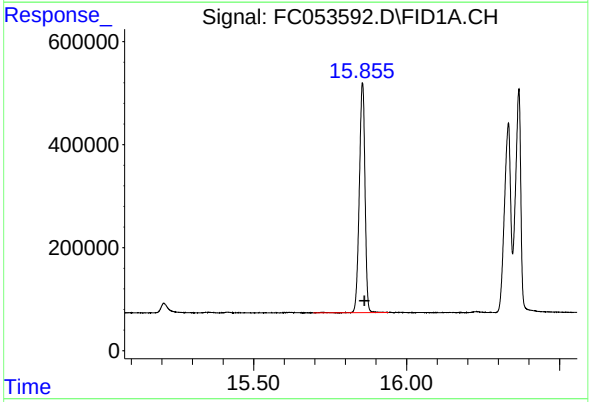


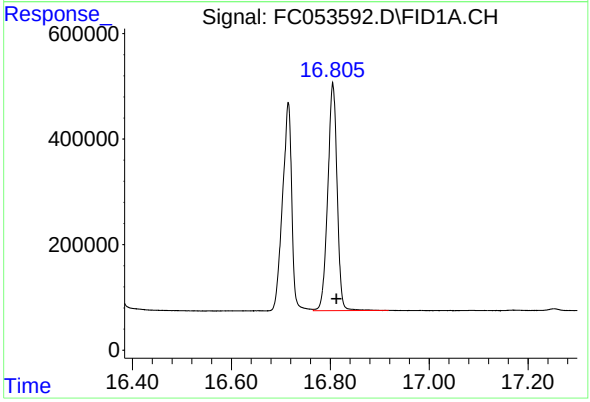
#14 n-Tetracosane (C24)

R.T.: 14.831 min
Delta R.T.: -0.009 min
Response: 4727307
Conc: 35.41 ug/ml



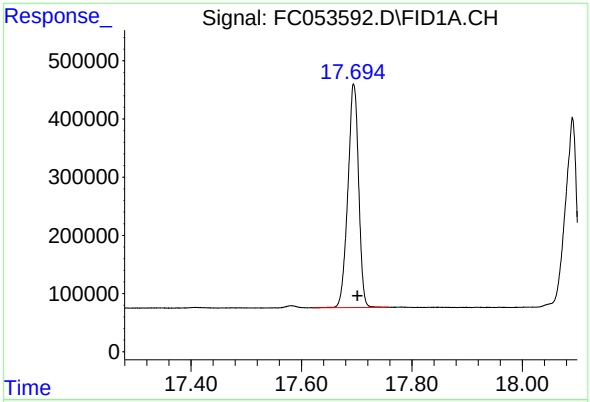
#15 n-Hexacosane (C26)

R.T.: 15.856 min
Delta R.T.: -0.006 min
Response: 5752116
Conc: 43.51 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.805 min
Delta R.T.: -0.007 min
Response: 5663530
Conc: 43.26 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.695 min
Delta R.T.: -0.006 min
Response: 5189188
Conc: 39.79 ug/ml

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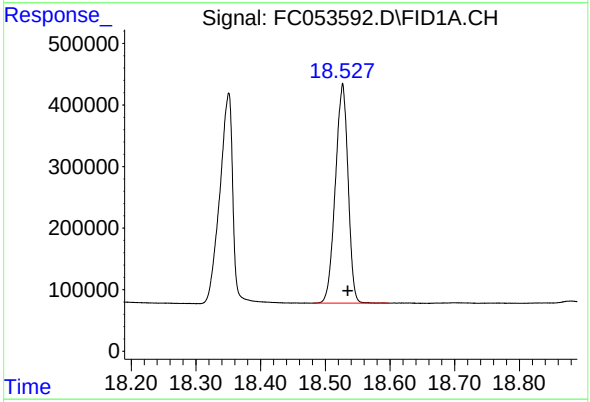
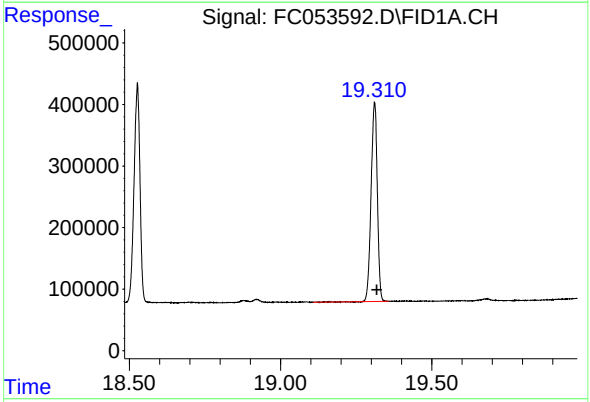


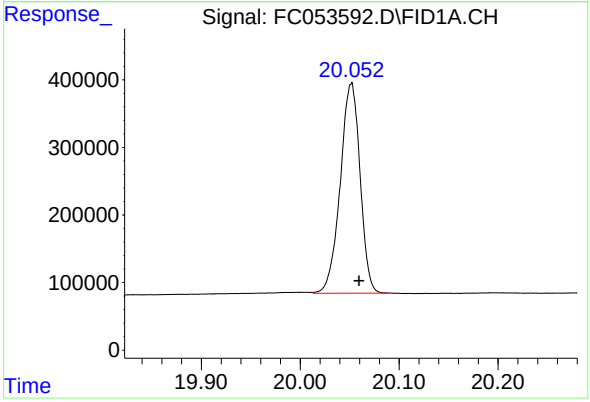
#18 n-Dotriacontane (C32)

R.T.: 18.527 min
Delta R.T.: -0.008 min
Response: 4852225
Conc: 38.45 ug/ml



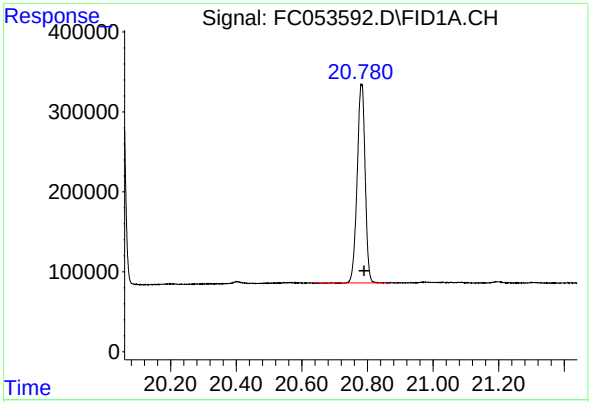
#19 n-Tetratriacontane (C34)

R.T.: 19.311 min
Delta R.T.: -0.007 min
Response: 4620426
Conc: 37.92 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.052 min
Delta R.T.: -0.007 min
Response: 4331134
Conc: 37.04 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.782 min
Delta R.T.: -0.008 min
Response: 4198517
Conc: 40.81 ug/ml

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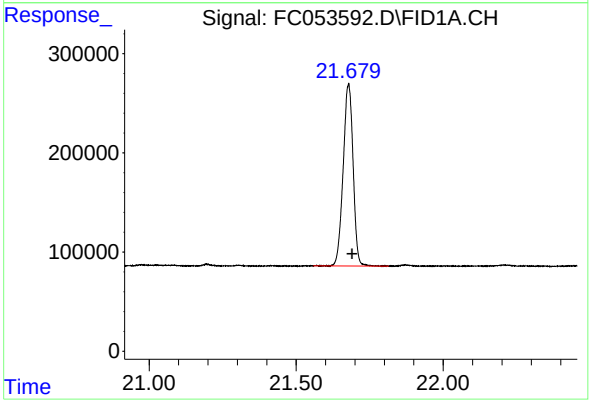

#22 n-Tetracontane (C40)

R.T.: 21.678 min
Delta R.T.: -0.012 min
Response: 4304176
Conc: 43.19 ug/ml