Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052021AL\
Data File : FC053847.D
Signal(s) : FID1A.CH
Acq On : 20 May 2021 14:46
Operator : DD\AJ
Sample : PB136563BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB136563BSD

Manual Integrations APPROVED
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5/21/2021 4:29:11 PM

Integration File: autoint1.e
Quant Time: May 21 01:28:37 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)	11.530	5007168	36.166 ug/ml
Spiked Amount	50.000		Recovery =	72.33%
12) S	1-chlorooctadecane (S...	12.969	4001336	35.875 ug/ml
Spiked Amount	50.000		Recovery =	71.75%
	Target Compounds			
1) T	n-Nonane (C9)	3.310	4706122	39.844 ug/ml
2) T	n-Decane (C10)	4.365	4893712	41.326 ug/ml
3) T	A~Naphthalene (C11.7)	5.942	5392704	41.387 ug/ml
4) T	n-Dodecane (C12)	6.375	4983329	41.183 ug/ml
5) T	A~2-methylnaphthalene...	6.999	5205439	39.372 ug/ml
6) T	n-Tetradecane (C14)	8.171	4965682	40.763 ug/ml
7) T	n-Hexadecane (C16)	9.772	4910475	40.093 ug/ml
8) T	n-Octadecane (C18)	11.215	4986111	38.286 ug/ml
10) T	n-Eicosane (C20)	12.526	4710968	35.592 ug/ml
11) T	n-Heneicosane (C21)	13.138	4667304	35.143 ug/ml
13) T	n-Docosane (C22)	13.723	4536686	34.107 ug/ml
14) T	n-Tetracosane (C24)	14.817	8958181	67.110 ug/ml
15) T	n-Hexacosane (C26)	15.850	4297854	32.507 ug/ml
16) T	n-Octacosane (C28)	16.799	4319403	32.997 ug/ml
17) T	n-Tricontane (C30)	17.688	4185224	32.088 ug/ml
18) T	n-Dotriacontane (C32)	18.520	4102126	32.510 ug/ml
19) T	n-Tetratriacontane (C34)	19.303	3957728	32.483 ug/mlm
20) T	n-Hexatriacontane (C36)	20.044	3711583	31.745 ug/mlm
21) T	n-Octatriacontane (C38)	20.772	3406892	33.118 ug/ml
22) T	n-Tetracontane (C40)	21.666	3263479	32.751 ug/ml

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

Quantitation Report (QT Reviewed)

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Operator : DD\AJ
Sample : PB136563BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

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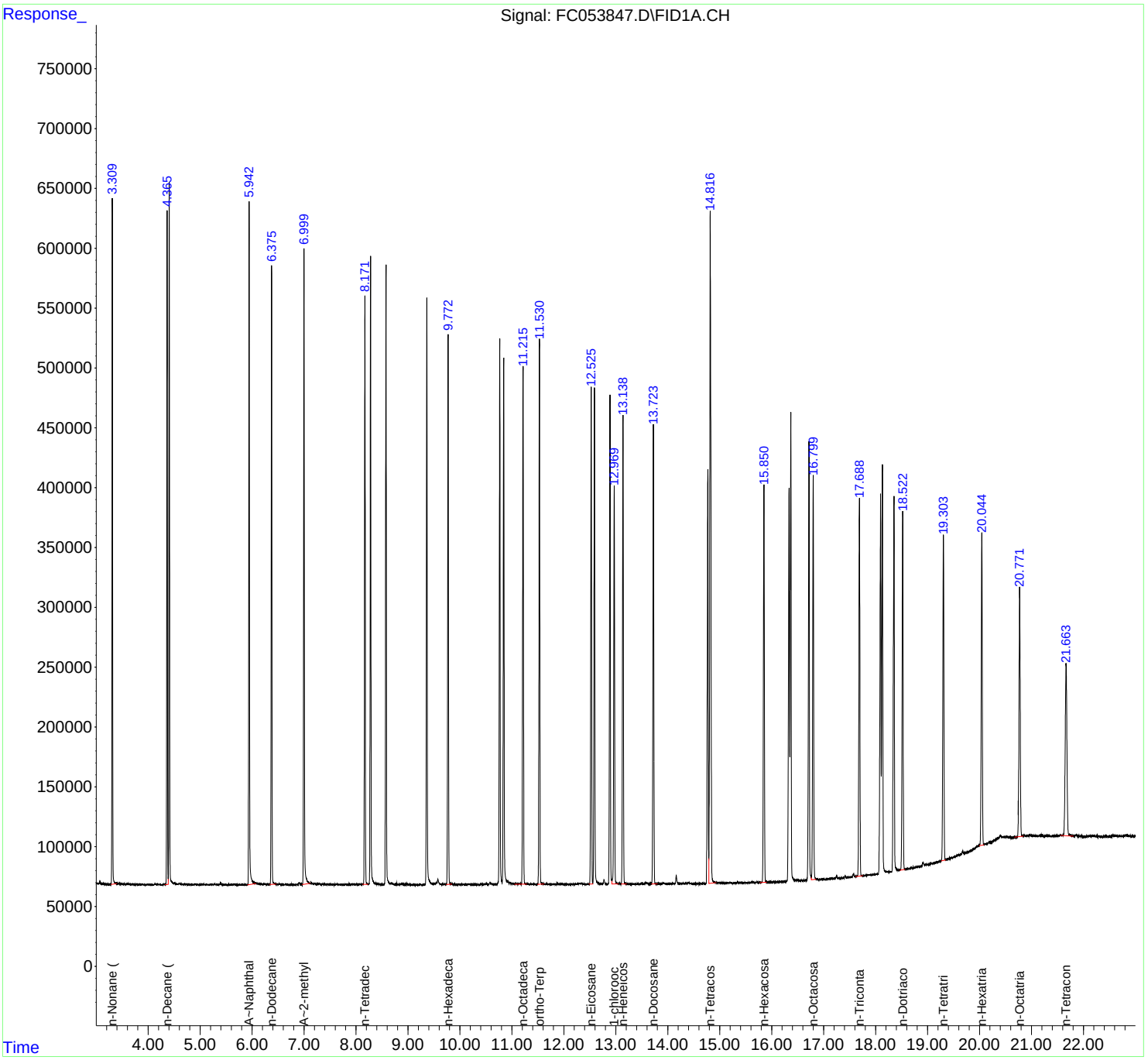
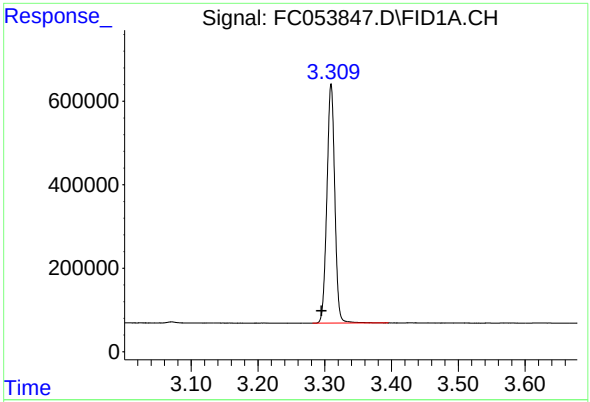
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.310 min
Delta R.T.: 0.015 min
Response: 4706122
Conc: 39.84 ug/ml

Instrument :
FID_C
ClientSampleId :
PB136563BSD

Manual Integrations APPROVED
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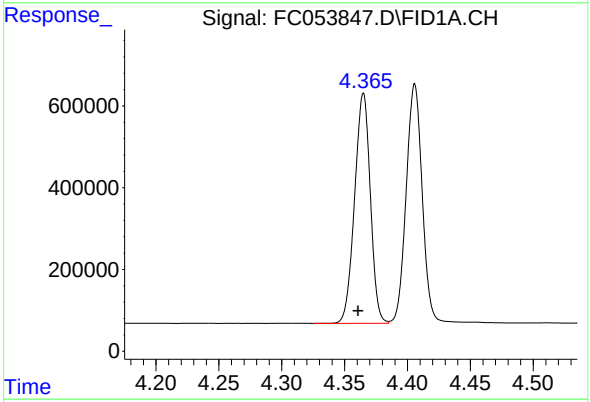
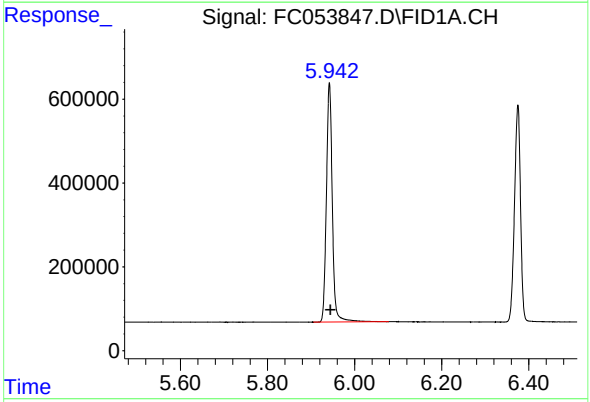


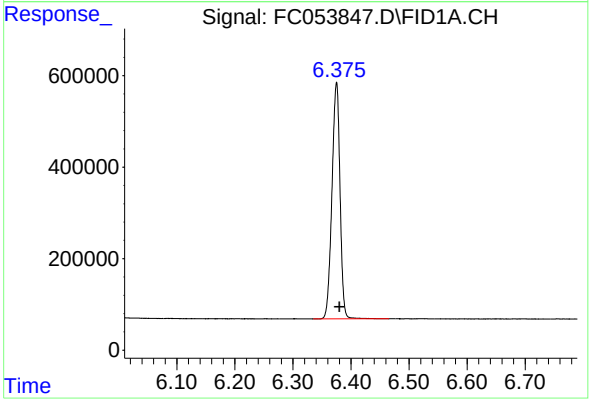
#2 n-Decane (C10)

R.T.: 4.365 min
Delta R.T.: 0.004 min
Response: 4893712
Conc: 41.33 ug/ml



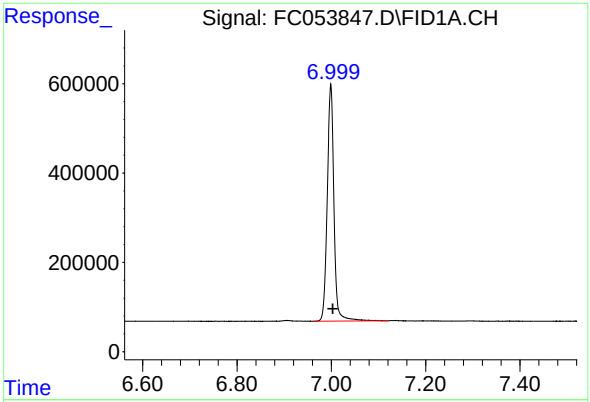
#3 A~Naphthalene (C11.7)

R.T.: 5.942 min
Delta R.T.: -0.003 min
Response: 5392704
Conc: 41.39 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.375 min
Delta R.T.: -0.005 min
Response: 4983329
Conc: 41.18 ug/ml



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

R.T.: 6.999 min
Delta R.T.: -0.004 min
Response: 5205439
Conc: 39.37 ug/ml

Instrument :
FID_C
ClientSampleId :
PB136563BSD

Manual Integrations APPROVED
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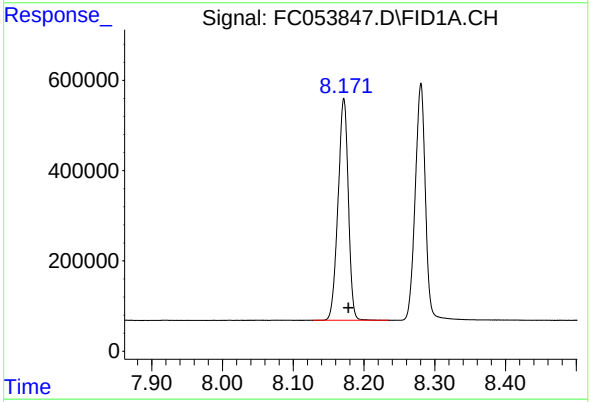
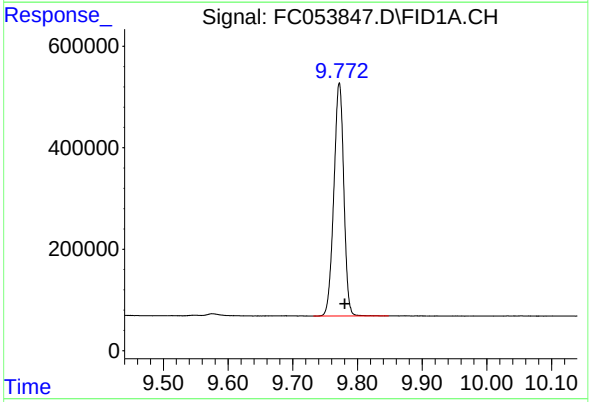


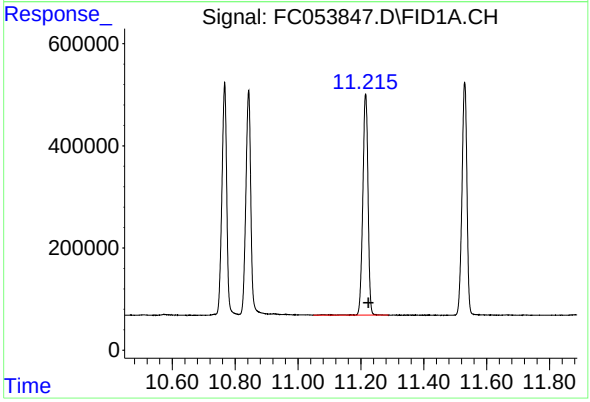
#6 n-Tetradecane (C14)

R.T.: 8.171 min
Delta R.T.: -0.006 min
Response: 4965682
Conc: 40.76 ug/ml



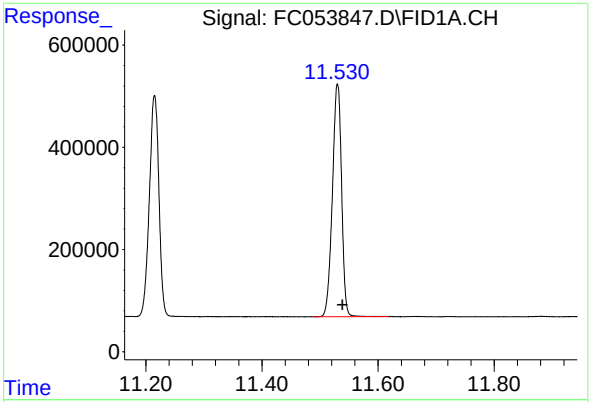
#7 n-Hexadecane (C16)

R.T.: 9.772 min
Delta R.T.: -0.008 min
Response: 4910475
Conc: 40.09 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.215 min
Delta R.T.: -0.009 min
Response: 4986111
Conc: 38.29 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.530 min
Delta R.T.: -0.008 min
Response: 5007168
Conc: 36.17 ug/ml

Instrument :
FID_C
ClientSampleId :
PB136563BSD

Manual Integrations APPROVED
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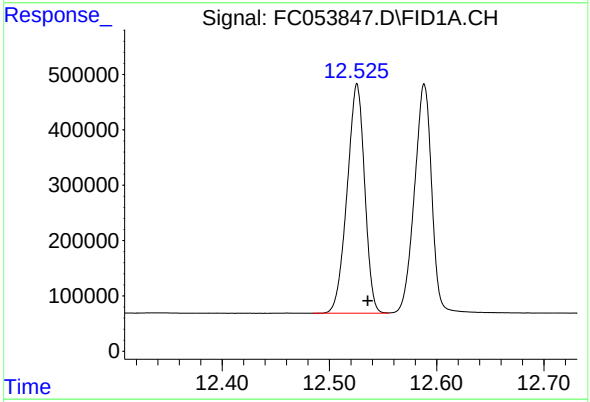
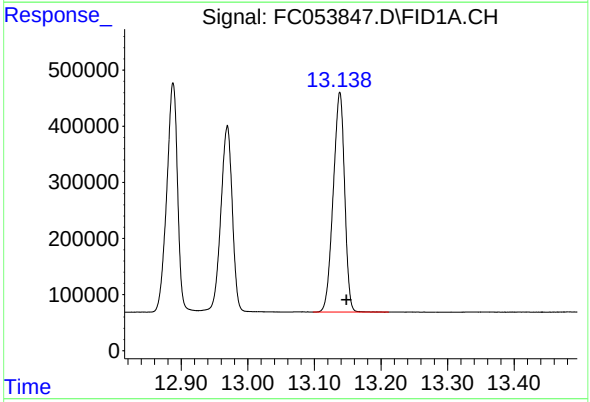


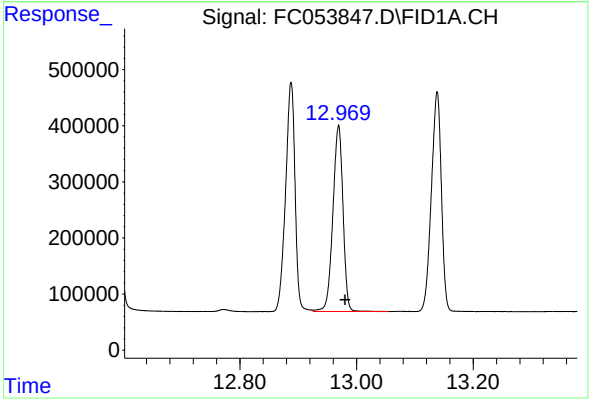
#10 n-Eicosane (C20)

R.T.: 12.526 min
Delta R.T.: -0.010 min
Response: 4710968
Conc: 35.59 ug/ml



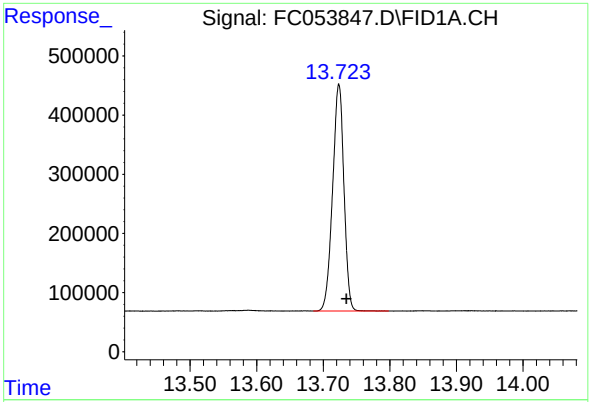
#11 n-Heneicosane (C21)

R.T.: 13.138 min
Delta R.T.: -0.010 min
Response: 4667304
Conc: 35.14 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.969 min
Delta R.T.: -0.011 min
Response: 4001336
Conc: 35.88 ug/ml



#13 n-Docosane (C22)

R.T.: 13.723 min
Delta R.T.: -0.011 min
Response: 4536686
Conc: 34.11 ug/ml

Instrument :
FID_C
ClientSampleId :
PB136563BSD

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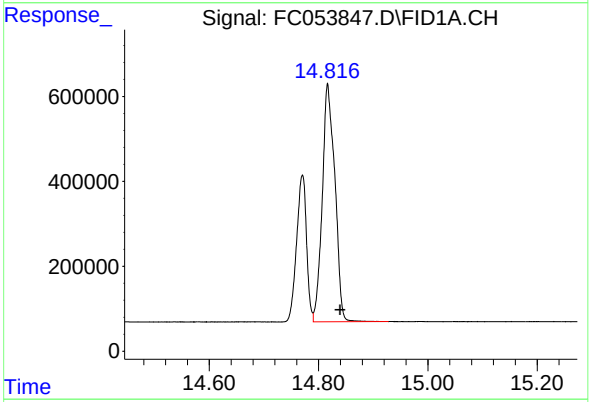
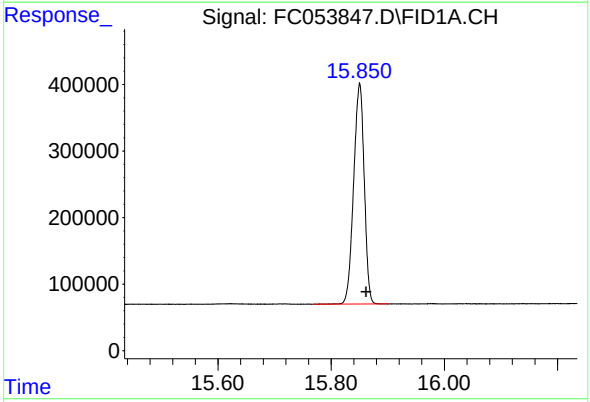


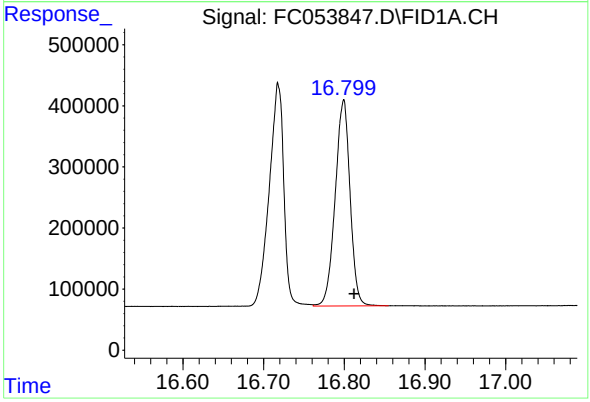
#14 n-Tetracosane (C24)

R.T.: 14.817 min
Delta R.T.: -0.022 min
Response: 8958181
Conc: 67.11 ug/ml



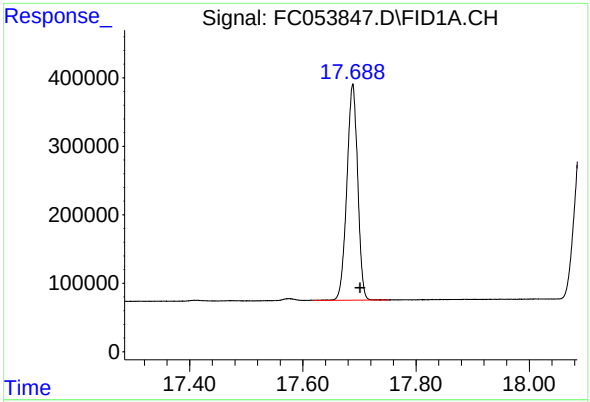
#15 n-Hexacosane (C26)

R.T.: 15.850 min
Delta R.T.: -0.012 min
Response: 4297854
Conc: 32.51 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.799 min
Delta R.T.: -0.014 min
Response: 4319403
Conc: 33.00 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.688 min
Delta R.T.: -0.013 min
Response: 4185224
Conc: 32.09 ug/ml

Instrument :
FID_C
ClientSampleId :
PB136563BSD

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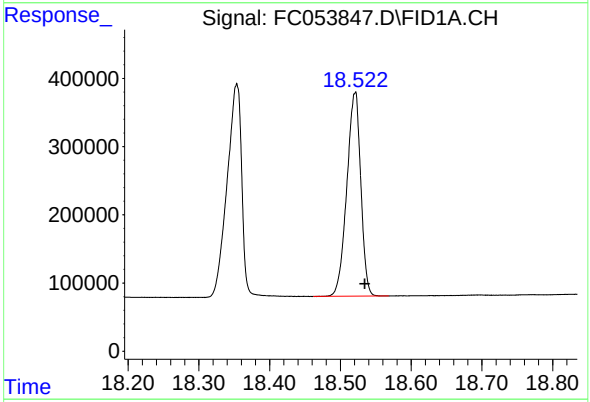
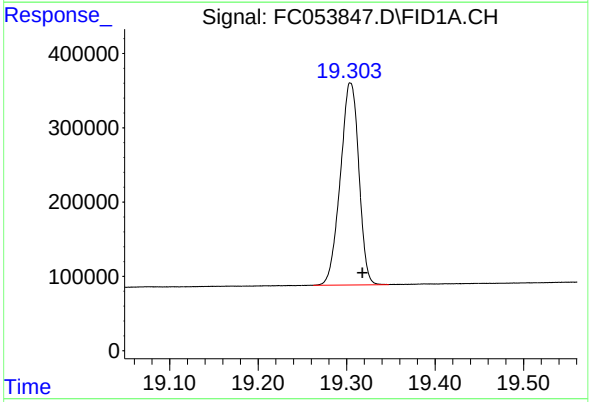


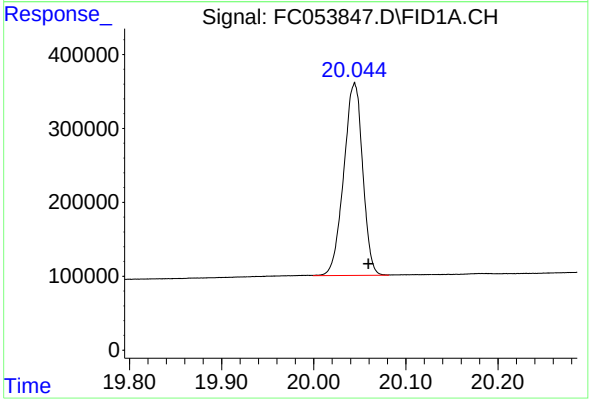
#18 n-Dotriacontane (C32)

R.T.: 18.520 min
Delta R.T.: -0.014 min
Response: 4102126
Conc: 32.51 ug/ml



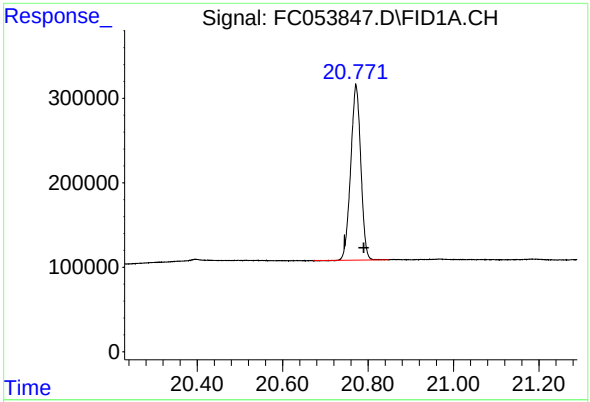
#19 n-Tetratriacontane (C34)

R.T.: 19.303 min
Delta R.T.: -0.015 min
Response: 3957728
Conc: 32.48 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.044 min
Delta R.T.: -0.015 min
Response: 3711583
Conc: 31.75 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.772 min
Delta R.T.: -0.018 min
Response: 3406892
Conc: 33.12 ug/ml

Instrument :
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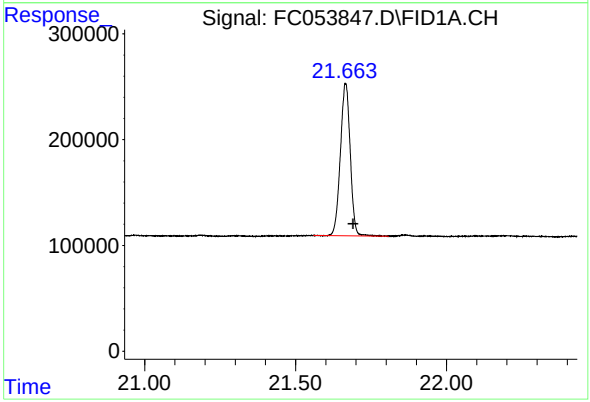

#22 n-Tetracontane (C40)

R.T.: 21.666 min
Delta R.T.: -0.025 min
Response: 3263479
Conc: 32.75 ug/ml