Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062121AL\
Data File : FC054359.D
Signal(s) : FID1A.CH
Acq On : 22 Jun 2021 00:12
Operator : DD\AJ
Sample : PB137226BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB137226BS

Manual Integrations APPROVED
Ankita
6/22/2021 12:30:49 PM

Integration File: autoint1.e
Quant Time: Jun 22 01:15:09 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 061021.M
Quant Title : GC Extractables
QLast Update : Fri Jun 11 04:43:57 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)	11.347	5989896	39.443 ug/ml
Spiked Amount	50.000		Recovery =	78.89%
12) S	1-chlorooctadecane (S...	12.791	4705021	39.941 ug/ml
Spiked Amount	50.000		Recovery =	79.88%
	Target Compounds			
1) T	n-Nonane (C9)	3.163	5029639	39.083 ug/ml
2) T	n-Decane (C10)	4.214	5673690	44.261 ug/ml
3) T	A~Naphthalene (C11.7)	5.776	6828661	47.275 ug/ml
4) T	n-Dodecane (C12)	6.218	6219209	47.427 ug/ml
5) T	A~2-methylnaphthalene...	6.830	6587171	45.626 ug/ml
6) T	n-Tetradecane (C14)	8.010	6303257	47.542 ug/ml
7) T	n-Hexadecane (C16)	9.605	6234076	46.086 ug/ml
8) T	n-Octadecane (C18)	11.044	6295379	45.105 ug/ml
10) T	n-Eicosane (C20)	12.350	5934396	42.740 ug/ml
11) T	n-Heneicosane (C21)	12.960	5849101	41.871 ug/ml
13) T	n-Docosane (C22)	13.546	5678645	41.039 ug/ml
14) T	n-Tetracosane (C24)	14.647	5535198	40.193 ug/ml
15) T	n-Hexacosane (C26)	15.668	5296286	39.321 ug/ml
16) T	n-Octacosane (C28)	16.615	5288272	39.910 ug/ml
17) T	n-Tricontane (C30)	17.503	5106896	39.733 ug/ml
18) T	n-Dotriacontane (C32)	18.333	5151505	41.869 ug/ml
19) T	n-Tetratriacontane (C34)	19.115	4972706	42.507 ug/mlm
20) T	n-Hexatriacontane (C36)	19.856	4990035	45.208 ug/mlm
21) T	n-Octatriacontane (C38)	20.563	4819268	47.144 ug/ml
22) T	n-Tetracontane (C40)	21.391	5209193	48.685 ug/ml

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

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Misc :
ALS Vial : 18 Sample Multiplier: 1

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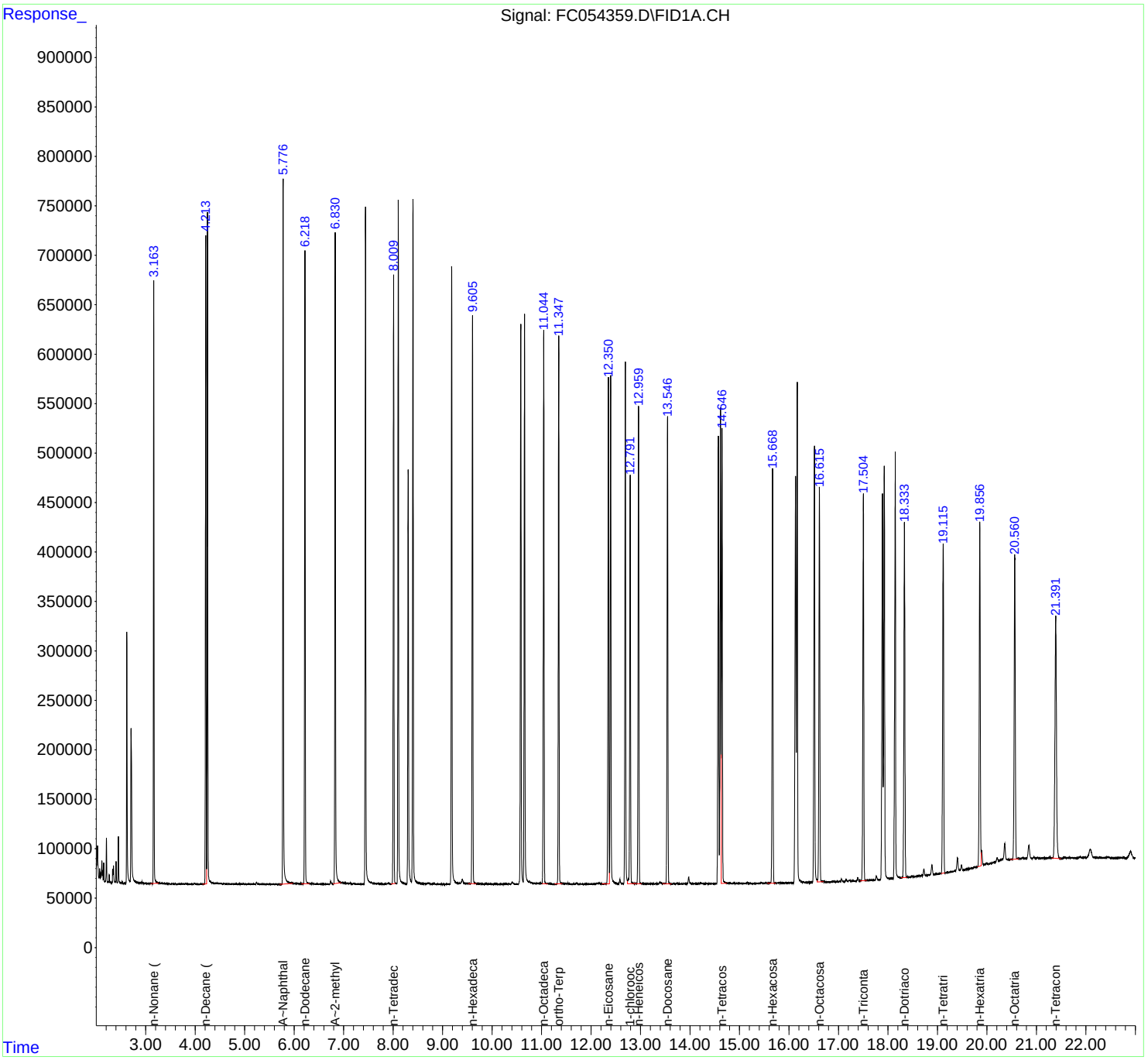
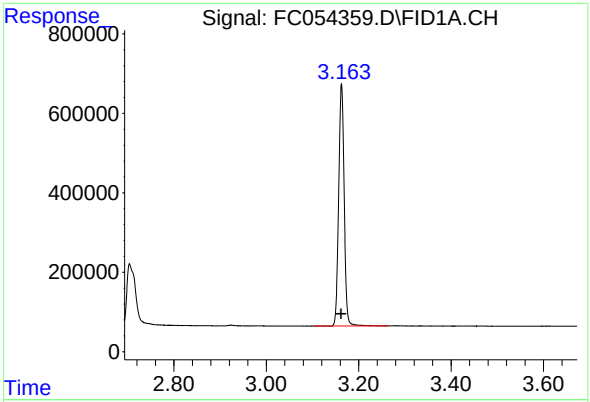
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





#1 n-Nonane (C9)

R.T.: 3.163 min
Delta R.T.: 0.000 min
Response: 5029639
Conc: 39.08 ug/ml

Instrument :
FID_C
ClientSampleId :
PB137226BS

Manual Integrations APPROVED
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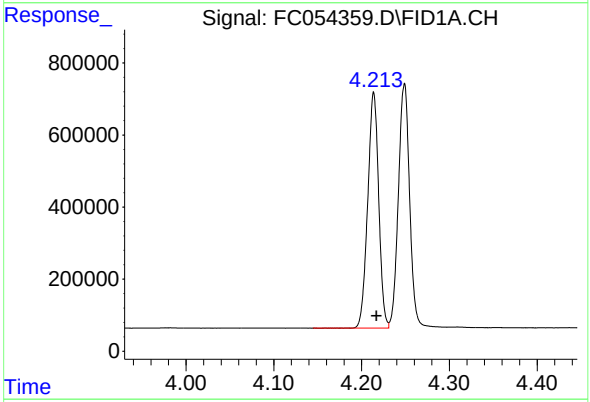
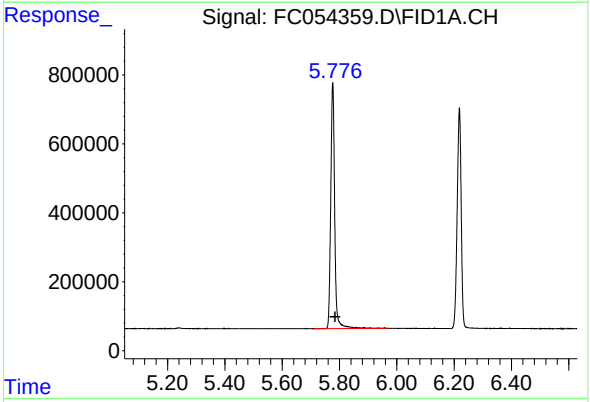


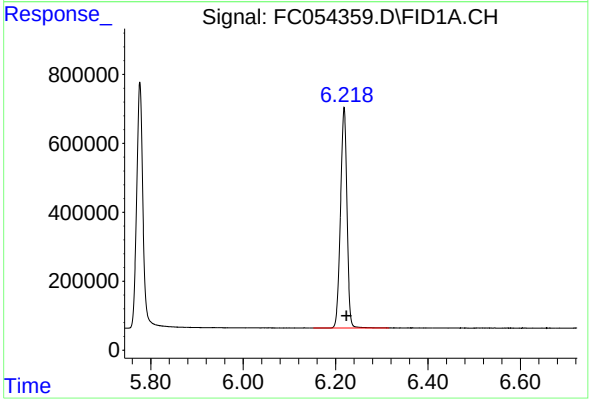
#2 n-Decane (C10)

R.T.: 4.214 min
Delta R.T.: -0.003 min
Response: 5673690
Conc: 44.26 ug/ml



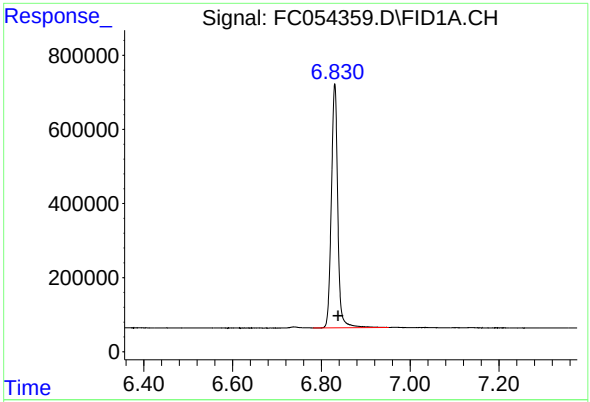
#3 A~Naphthalene (C11.7)

R.T.: 5.776 min
Delta R.T.: -0.009 min
Response: 6828661
Conc: 47.28 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.218 min
Delta R.T.: -0.006 min
Response: 6219209
Conc: 47.43 ug/ml



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

R.T.: 6.830 min
Delta R.T.: -0.007 min
Response: 6587171
Conc: 45.63 ug/ml

Instrument :
FID_C
ClientSampleId :
PB137226BS

Manual Integrations APPROVED
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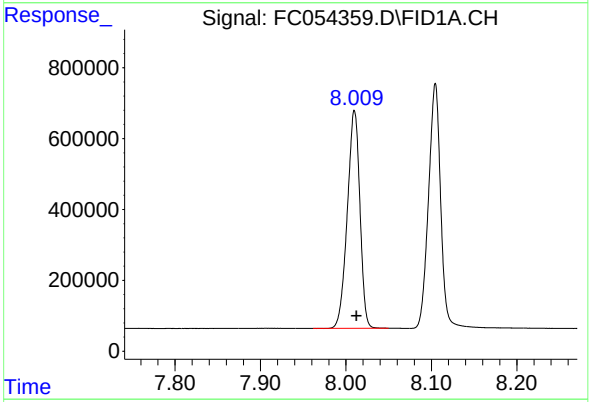
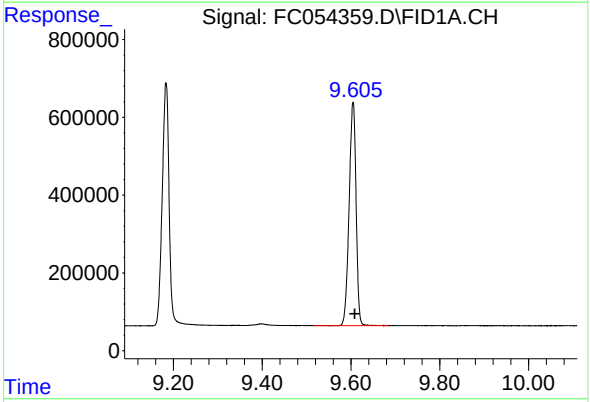


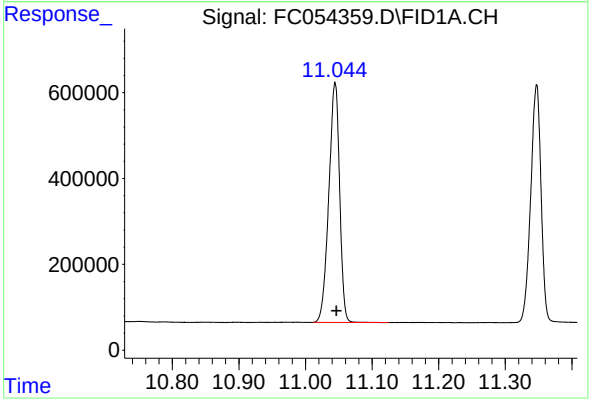
#6 n-Tetradecane (C14)

R.T.: 8.010 min
Delta R.T.: -0.002 min
Response: 6303257
Conc: 47.54 ug/ml



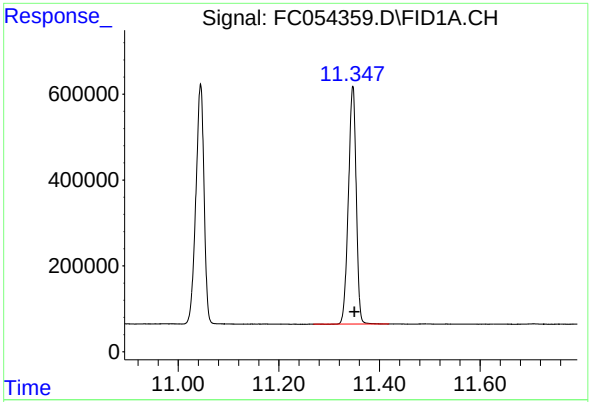
#7 n-Hexadecane (C16)

R.T.: 9.605 min
Delta R.T.: -0.004 min
Response: 6234076
Conc: 46.09 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.044 min
Delta R.T.: -0.002 min
Response: 6295379
Conc: 45.11 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.347 min
Delta R.T.: -0.003 min
Response: 5989896
Conc: 39.44 ug/ml

Instrument :
FID_C
ClientSampleId :
PB137226BS

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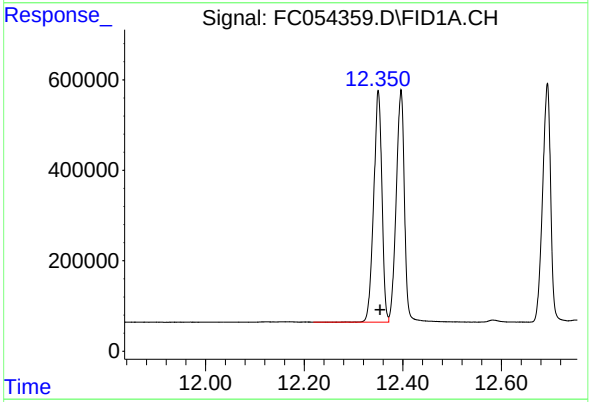
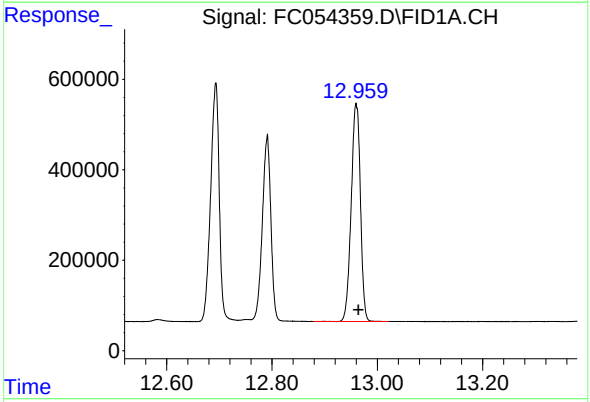


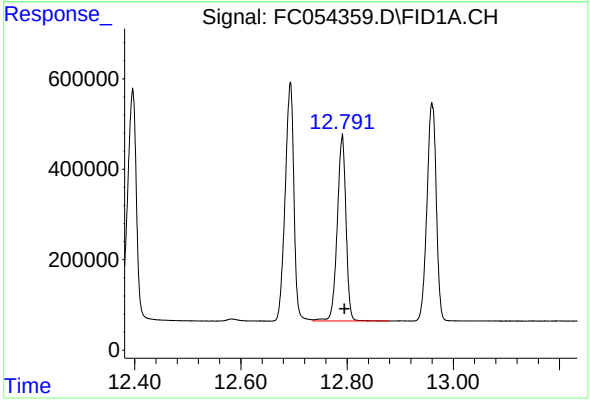
#10 n-Eicosane (C20)

R.T.: 12.350 min
Delta R.T.: -0.003 min
Response: 5934396
Conc: 42.74 ug/ml



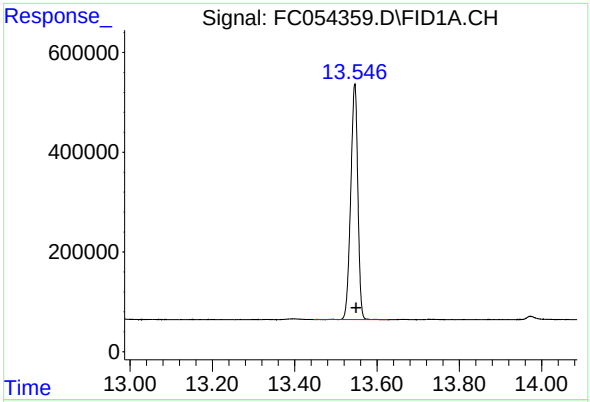
#11 n-Heneicosane (C21)

R.T.: 12.960 min
Delta R.T.: -0.004 min
Response: 5849101
Conc: 41.87 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.791 min
Delta R.T.: -0.004 min
Response: 4705021
Conc: 39.94 ug/ml



#13 n-Docosane (C22)

R.T.: 13.546 min
Delta R.T.: -0.003 min
Response: 5678645
Conc: 41.04 ug/ml

Instrument :
FID_C
ClientSampleId :
PB137226BS

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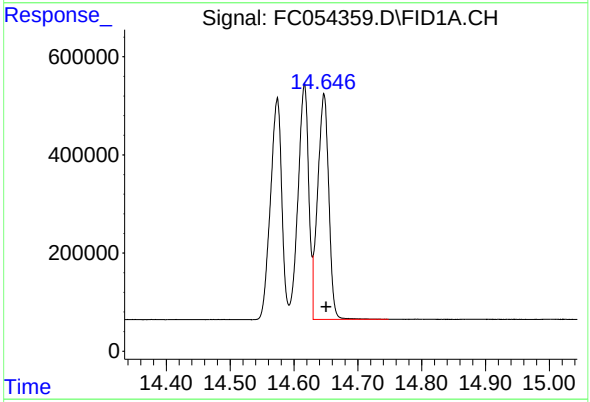
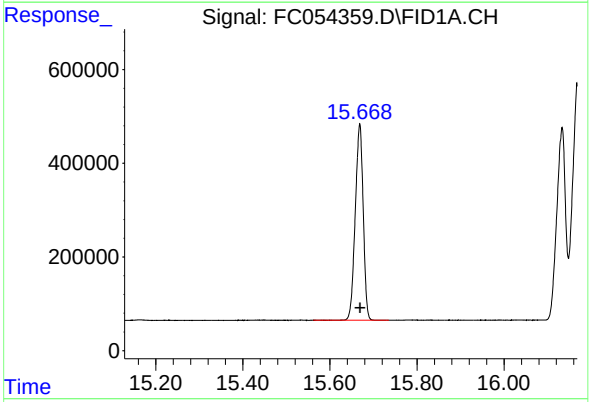


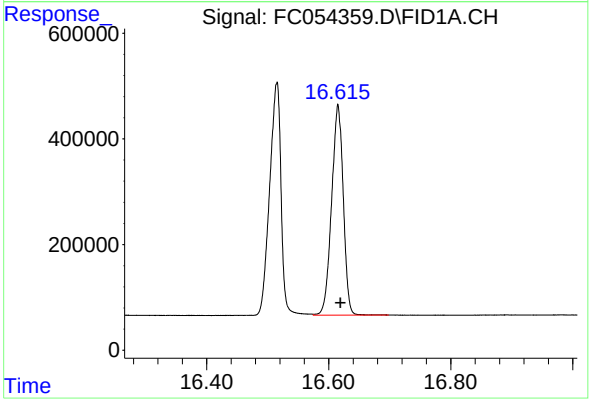
#14 n-Tetracosane (C24)

R.T.: 14.647 min
Delta R.T.: -0.004 min
Response: 5535198
Conc: 40.19 ug/ml



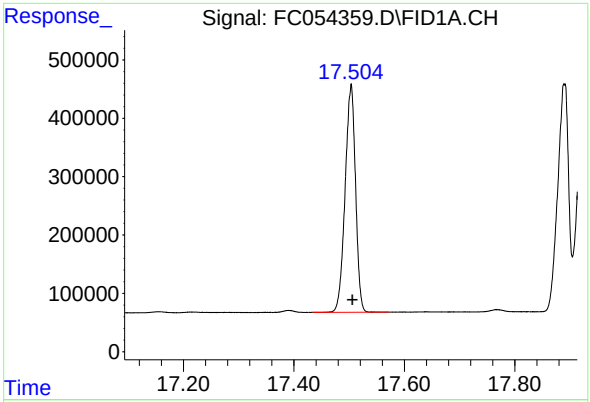
#15 n-Hexacosane (C26)

R.T.: 15.668 min
Delta R.T.: 0.000 min
Response: 5296286
Conc: 39.32 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.615 min
Delta R.T.: -0.004 min
Response: 5288272
Conc: 39.91 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.503 min
Delta R.T.: -0.002 min
Response: 5106896
Conc: 39.73 ug/ml

Instrument :
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ClientSampleId :
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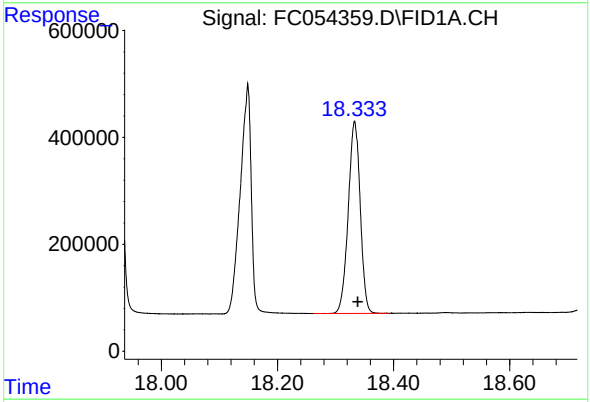
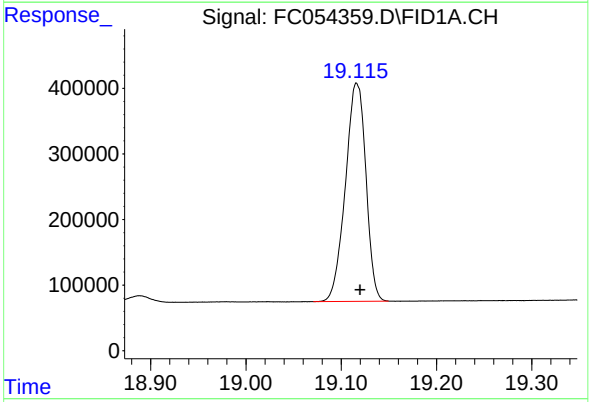


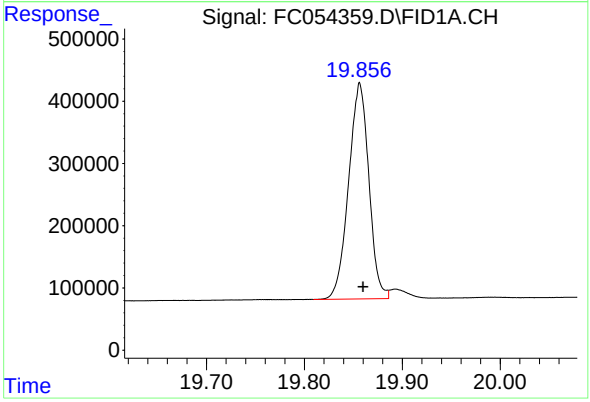
#18 n-Dotriacontane (C32)

R.T.: 18.333 min
Delta R.T.: -0.005 min
Response: 5151505
Conc: 41.87 ug/ml



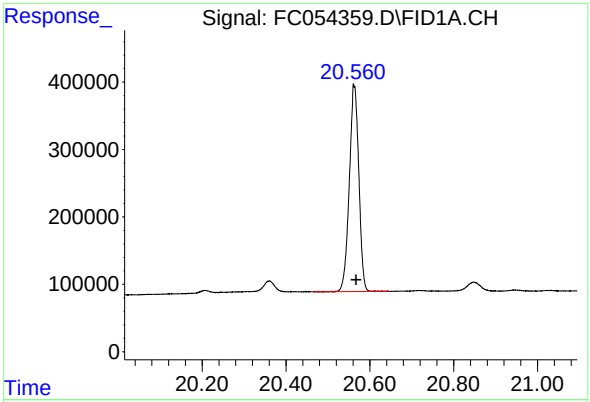
#19 n-Tetratriacontane (C34)

R.T.: 19.115 min
Delta R.T.: -0.004 min
Response: 4972706
Conc: 42.51 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.856 min
Delta R.T.: -0.004 min
Response: 4990035
Conc: 45.21 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.563 min
Delta R.T.: -0.004 min
Response: 4819268
Conc: 47.14 ug/ml

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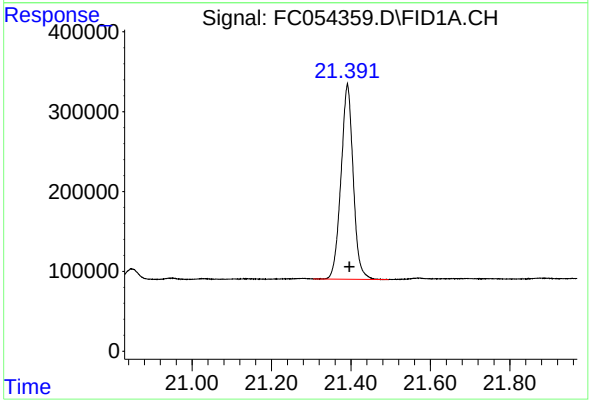

#22 n-Tetracontane (C40)

R.T.: 21.391 min
Delta R.T.: -0.005 min
Response: 5209193
Conc: 48.68 ug/ml