Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052821AL\
Data File : FD037633.D
Signal(s) : FID2B.CH
Acq On : 28 May 2021 15:43
Operator : DD\AJ
Sample : M2531-01MS
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
SU-04-052621MS

Manual Integrations APPROVED
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6/1/2021 1:42:03 PM

Integration File: autoint1.e
Quant Time: May 28 22:54:39 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 051321.M
Quant Title : GC Extractables
QLast Update : Fri May 14 02:07:09 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)	11.466	6558650	55.929 ug/ml
Spiked Amount	50.000		Recovery =	111.86%
12) S	1-chlorooctadecane (S...	12.900	5104580	56.176 ug/ml
Spiked Amount	50.000		Recovery =	112.35%
	Target Compounds			
1) T	n-Nonane (C9)	3.259	3282430	32.532 ug/ml
2) T	n-Decane (C10)	4.322	3807353	37.526 ug/ml
3) T	A~Naphthalene (C11.7)	5.898	4717379	41.429 ug/ml
4) T	n-Dodecane (C12)	6.333	4438308	42.932 ug/ml
5) T	A~2-methylnaphthalene...	6.951	4994744	43.144 ug/ml
6) T	n-Tetradecane (C14)	8.124	5055672	48.508 ug/ml
7) T	n-Hexadecane (C16)	9.716	5280415	51.175 ug/ml
8) T	n-Octadecane (C18)	11.154	5333659	49.365 ug/ml
10) T	n-Eicosane (C20)	12.458	5067504	46.497 ug/ml
11) T	n-Heneicosane (C21)	13.066	5004246	45.968 ug/ml
13) T	n-Docosane (C22)	13.650	4905987	45.161 ug/ml
14) T	n-Tetracosane (C24)	14.748	3905682	36.045 ug/ml
15) T	n-Hexacosane (C26)	15.767	4711888	44.235 ug/ml
16) T	n-Octacosane (C28)	16.711	4910550	46.348 ug/ml
17) T	n-Tricontane (C30)	17.597	4733397	44.960 ug/ml
18) T	n-Dotriacontane (C32)	18.424	4642157	44.566 ug/ml
19) T	n-Tetratriacontane (C34)	19.204	4659248	45.839 ug/mlm
20) T	n-Hexatriacontane (C36)	19.940	4433480	45.453 ug/mlm
21) T	n-Octatriacontane (C38)	20.652	4571433	49.725 ug/ml
22) T	n-Tetracontane (C40)	21.500	4155506	43.155 ug/ml

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

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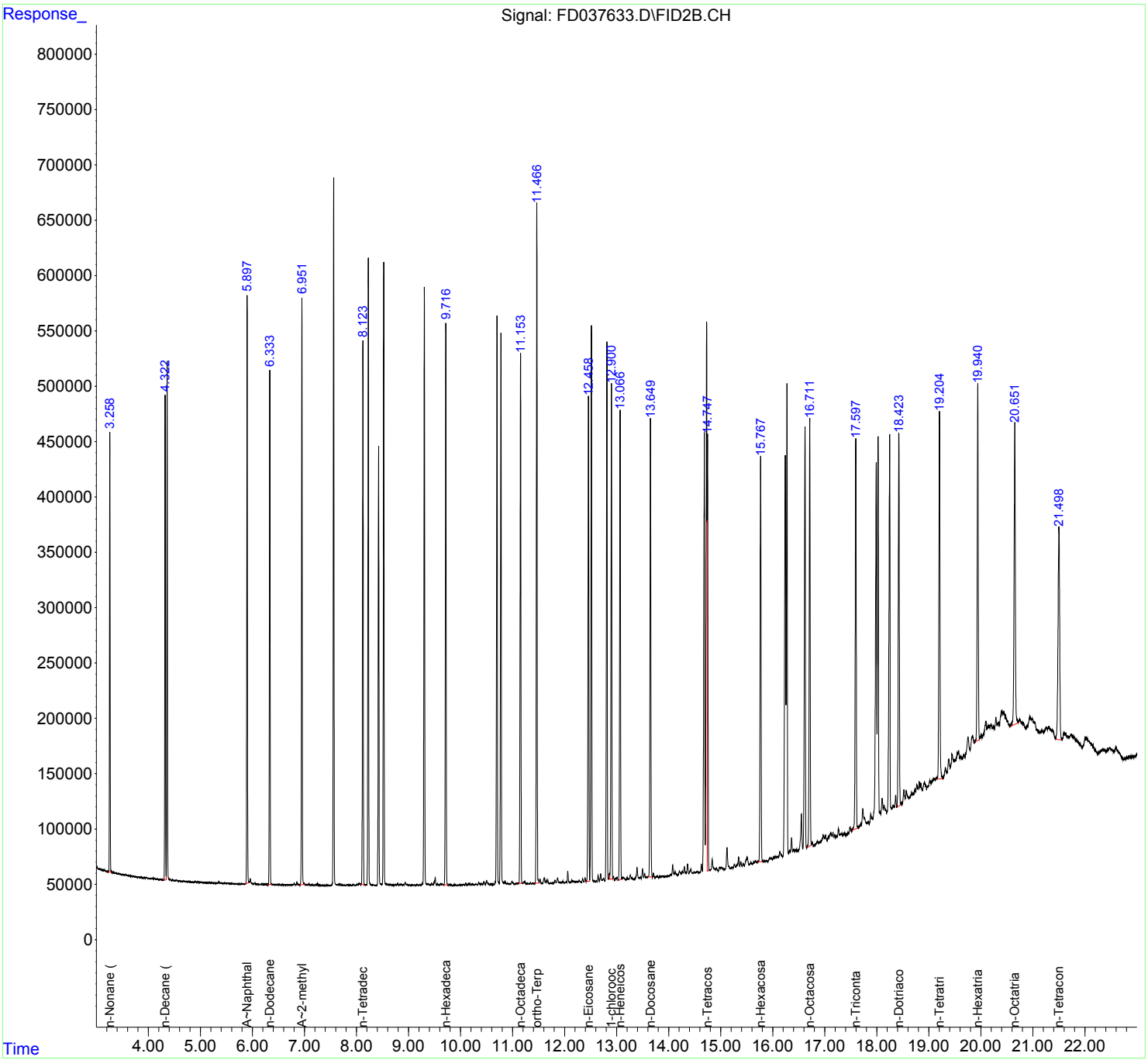

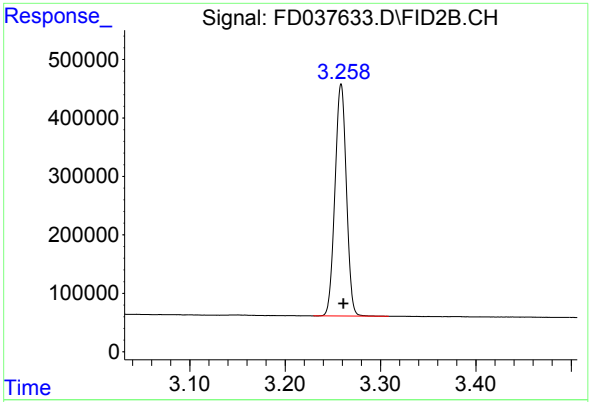

#1 n-Nonane (C9)

R.T.: 3.259 min
Delta R.T.: -0.002 min
Response: 3282430
Conc: 32.53 ug/ml

Instrument :
FID_D
ClientSampleId :
SU-04-052621MS

Manual Integrations APPROVED
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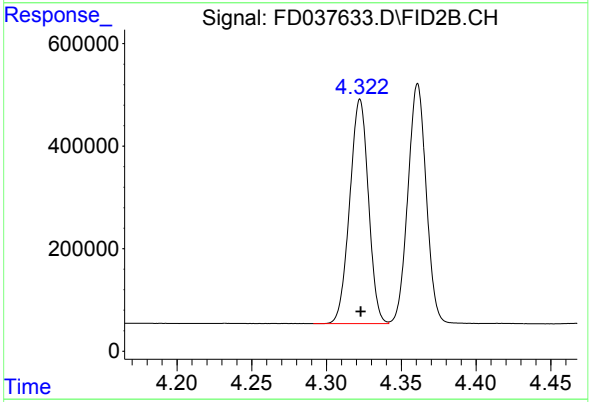
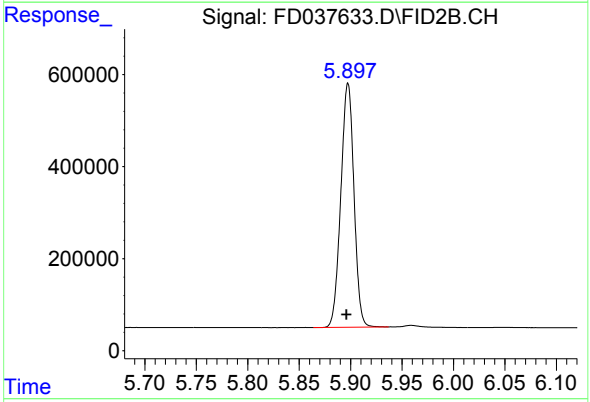


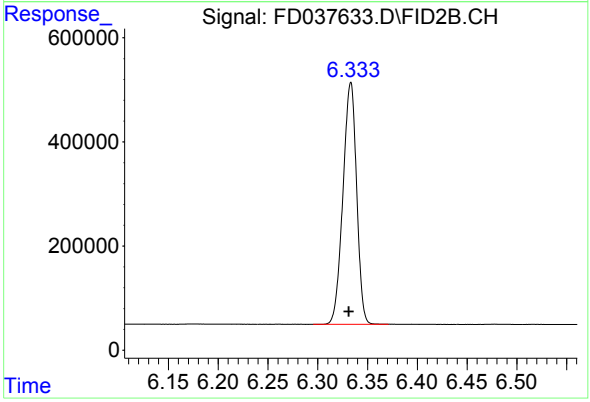
#2 n-Decane (C10)

R.T.: 4.322 min
Delta R.T.: 0.000 min
Response: 3807353
Conc: 37.53 ug/ml



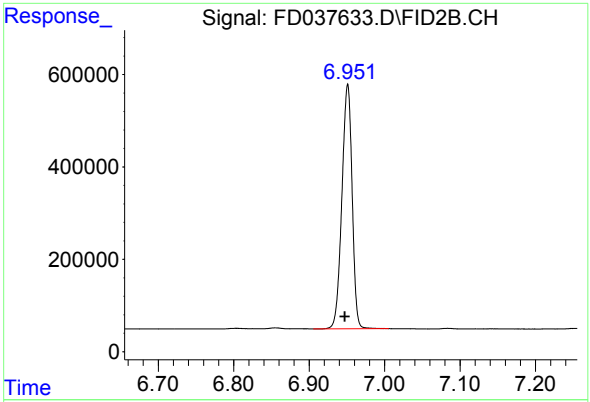
#3 A~Naphthalene (C11.7)

R.T.: 5.898 min
Delta R.T.: 0.001 min
Response: 4717379
Conc: 41.43 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.333 min
Delta R.T.: 0.002 min
Response: 4438308
Conc: 42.93 ug/ml



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

R.T.: 6.951 min
Delta R.T.: 0.004 min
Response: 4994744
Conc: 43.14 ug/ml

Instrument :
FID_D
ClientSampleId :
SU-04-052621MS

Manual Integrations APPROVED
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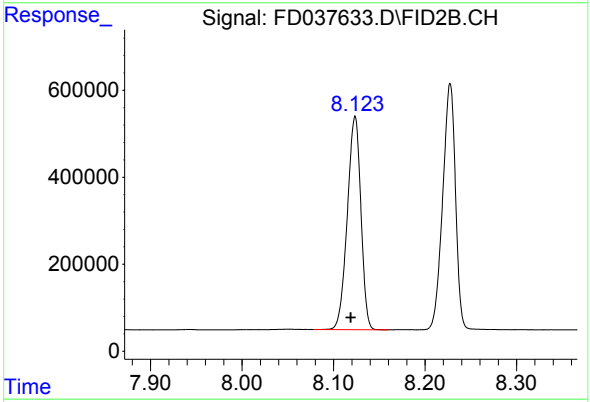
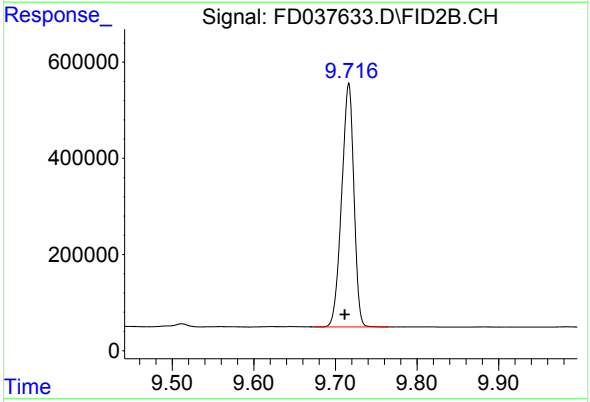


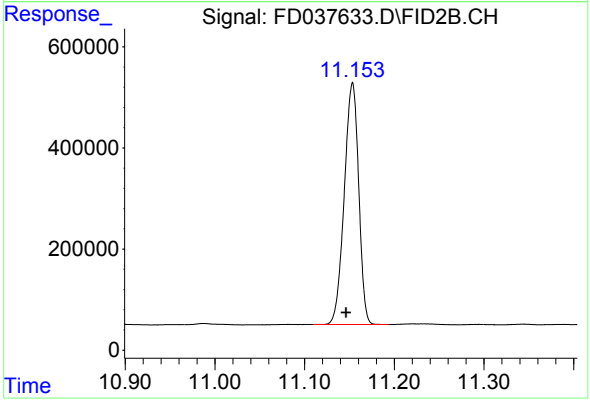
#6 n-Tetradecane (C14)

R.T.: 8.124 min
Delta R.T.: 0.005 min
Response: 5055672
Conc: 48.51 ug/ml



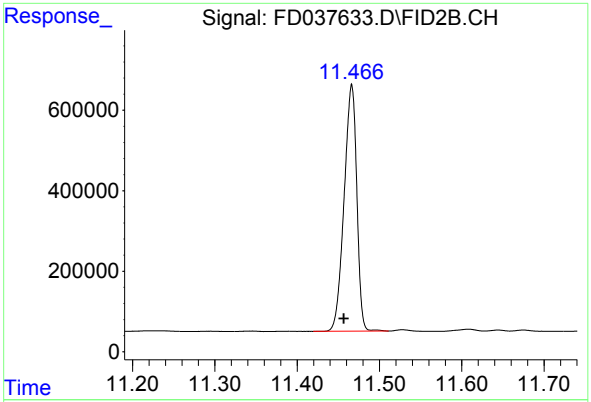
#7 n-Hexadecane (C16)

R.T.: 9.716 min
Delta R.T.: 0.005 min
Response: 5280415
Conc: 51.17 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.154 min
Delta R.T.: 0.008 min
Response: 5333659
Conc: 49.36 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.466 min
Delta R.T.: 0.010 min
Response: 6558650
Conc: 55.93 ug/ml

Instrument :
FID_D
ClientSampleId :
SU-04-052621MS

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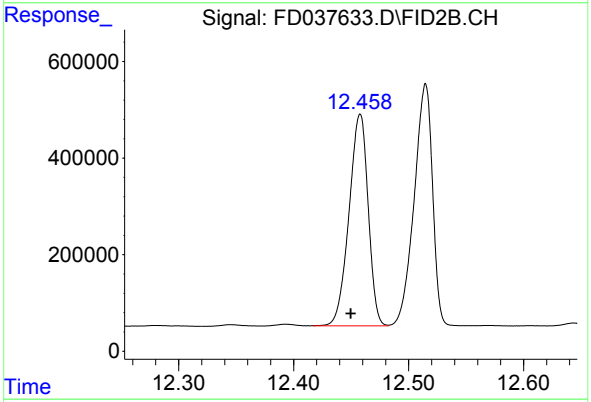
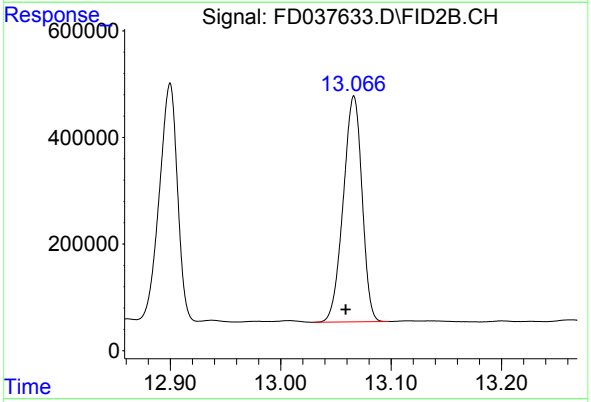


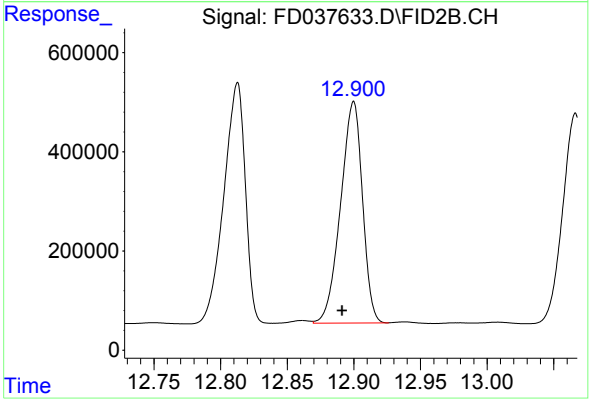
#10 n-Eicosane (C20)

R.T.: 12.458 min
Delta R.T.: 0.008 min
Response: 5067504
Conc: 46.50 ug/ml



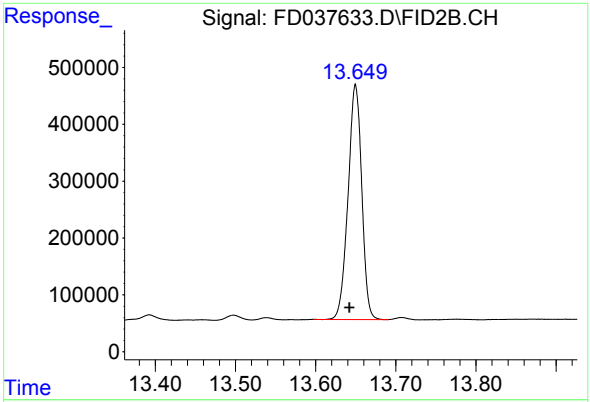
#11 n-Heneicosane (C21)

R.T.: 13.066 min
Delta R.T.: 0.007 min
Response: 5004246
Conc: 45.97 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.900 min
Delta R.T.: 0.009 min
Response: 5104580
Conc: 56.18 ug/ml



#13 n-Docosane (C22)

R.T.: 13.650 min
Delta R.T.: 0.007 min
Response: 4905987
Conc: 45.16 ug/ml

Instrument :
FID_D
ClientSampleId :
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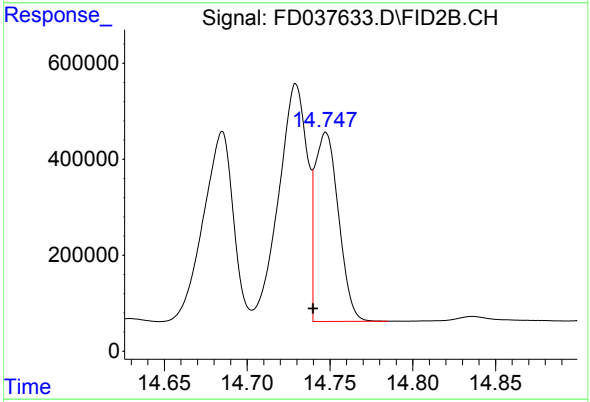
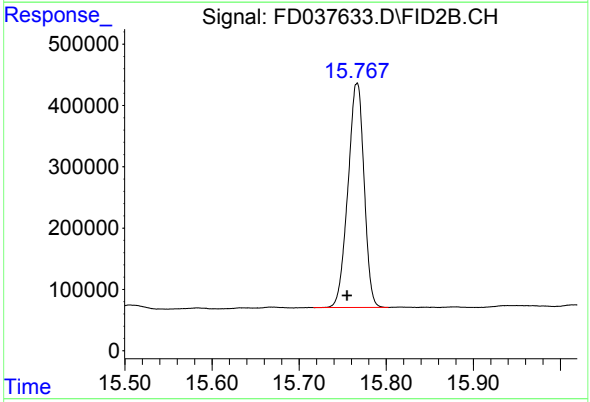


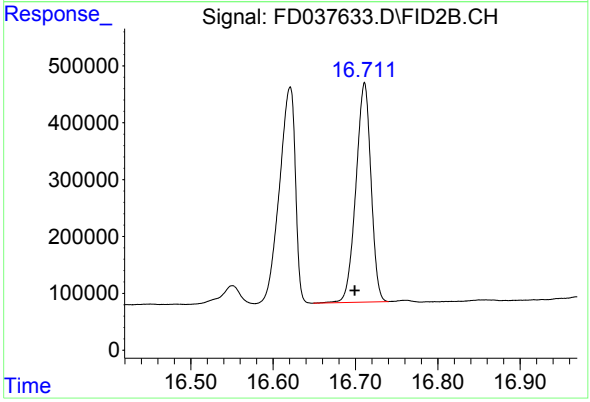
#14 n-Tetracosane (C24)

R.T.: 14.748 min
Delta R.T.: 0.008 min
Response: 3905682
Conc: 36.05 ug/ml



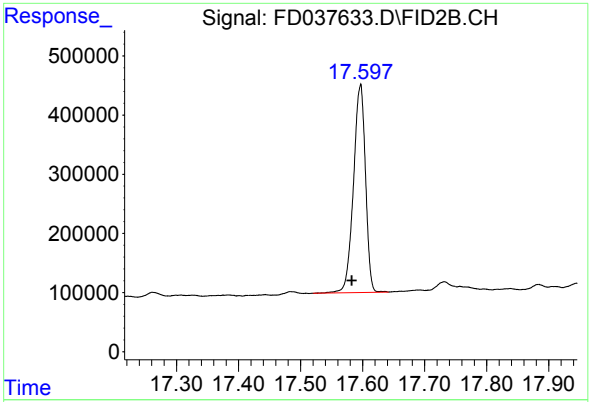
#15 n-Hexacosane (C26)

R.T.: 15.767 min
Delta R.T.: 0.011 min
Response: 4711888
Conc: 44.24 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.711 min
Delta R.T.: 0.012 min
Response: 4910550
Conc: 46.35 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.597 min
Delta R.T.: 0.014 min
Response: 4733397
Conc: 44.96 ug/ml

Instrument :
FID_D
ClientSampleId :
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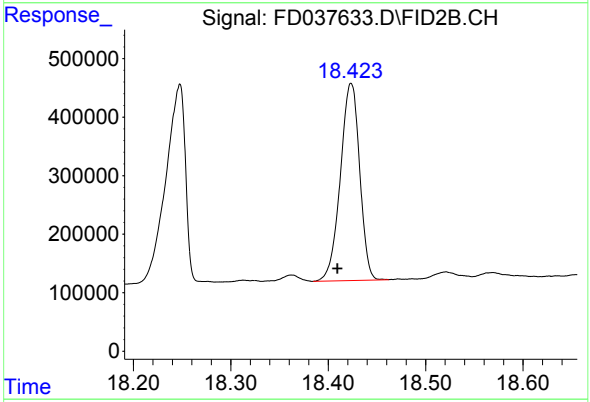
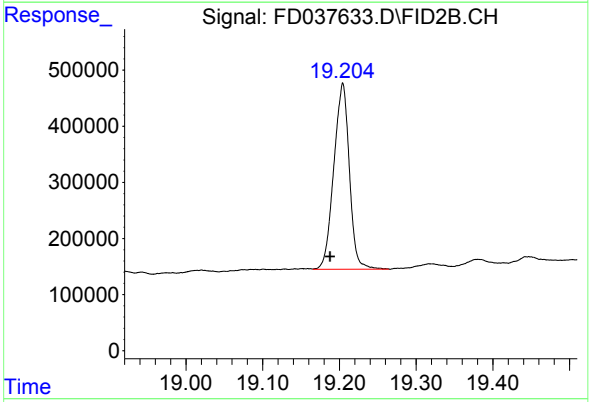


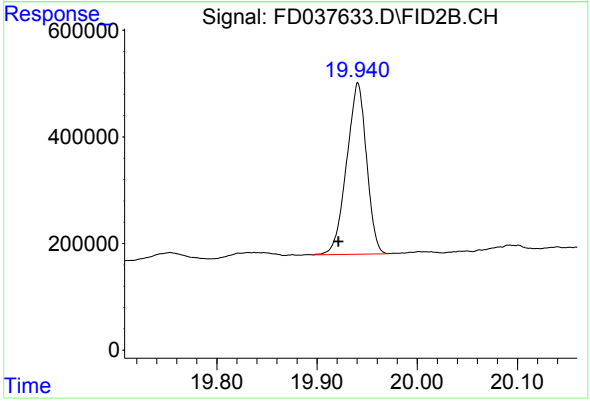
#18 n-Dotriacontane (C32)

R.T.: 18.424 min
Delta R.T.: 0.014 min
Response: 4642157
Conc: 44.57 ug/ml



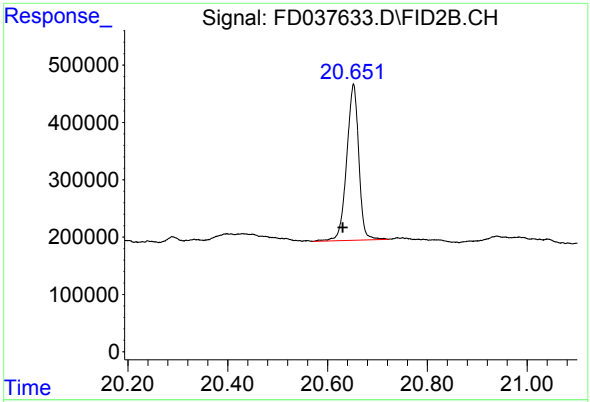
#19 n-Tetratriacontane (C34)

R.T.: 19.204 min
Delta R.T.: 0.016 min
Response: 4659248
Conc: 45.84 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.940 min
Delta R.T.: 0.019 min
Response: 4433480
Conc: 45.45 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.652 min
Delta R.T.: 0.022 min
Response: 4571433
Conc: 49.73 ug/ml

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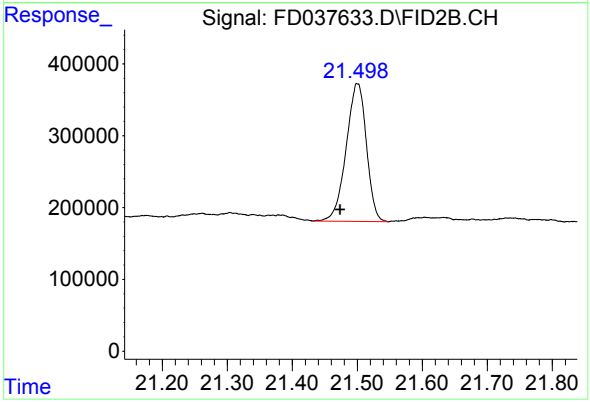

#22 n-Tetracontane (C40)

R.T.: 21.500 min
Delta R.T.: 0.026 min
Response: 4155506
Conc: 43.15 ug/ml