Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061021AL\
Data File : FC054179.D
Signal(s) : FID1A.CH
Acq On : 10 Jun 2021 17:17
Operator : DD\AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Manual Integrations APPROVED
Ankita
6/11/2021 2:28:36 PM

Integration File: autoint1.e
Quant Time: Jun 11 04:22:32 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 061021.M
Quant Title : GC Extractables
QLast Update : Fri Jun 11 04:19:34 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)	11.350	776154	5.316 ug/ml
Spiked Amount	50.000		Recovery =	10.63%
12) S	1-chlorooctadecane (S...	12.795	596134	5.252 ug/ml
Spiked Amount	50.000		Recovery =	10.50%
	Target Compounds			
1) T	n-Nonane (C9)	3.162	640079	5.153 ug/ml
2) T	n-Decane (C10)	4.217	638674	5.098 ug/ml
3) T	A~Naphthalene (C11.7)	5.785	695878	4.961 ug/ml
4) T	n-Dodecane (C12)	6.224	655785	5.174 ug/ml
5) T	A~2-methylnaphthalene...	6.837	690705	4.964 ug/ml
6) T	n-Tetradecane (C14)	8.012	654757	5.054 ug/ml
7) T	n-Hexadecane (C16)	9.608	673830	5.134 ug/ml
8) T	n-Octadecane (C18)	11.046	708229	5.268 ug/ml
10) T	n-Eicosane (C20)	12.354	706534	5.290 ug/ml
11) T	n-Heneicosane (C21)	12.964	708066	5.249 ug/ml
13) T	n-Docosane (C22)	13.549	707287	5.325 ug/ml
14) T	n-Tetracosane (C24)	14.651	699567	5.288 ug/ml
15) T	n-Hexacosane (C26)	15.669	688460	5.325 ug/ml
16) T	n-Octacosane (C28)	16.619	686644	5.441 ug/ml
17) T	n-Tricontane (C30)	17.506	678113	5.524 ug/ml
18) T	n-Dotriacontane (C32)	18.338	654022	5.550 ug/ml
19) T	n-Tetratriacontane (C34)	19.120	617107	5.492 ug/ml
20) T	n-Hexatriacontane (C36)	19.860	578144	5.495 ug/mlm
21) T	n-Octatriacontane (C38)	20.567	531714	5.427 ug/ml
22) T	n-Tetracontane (C40)	21.396	602944	5.932 ug/ml

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

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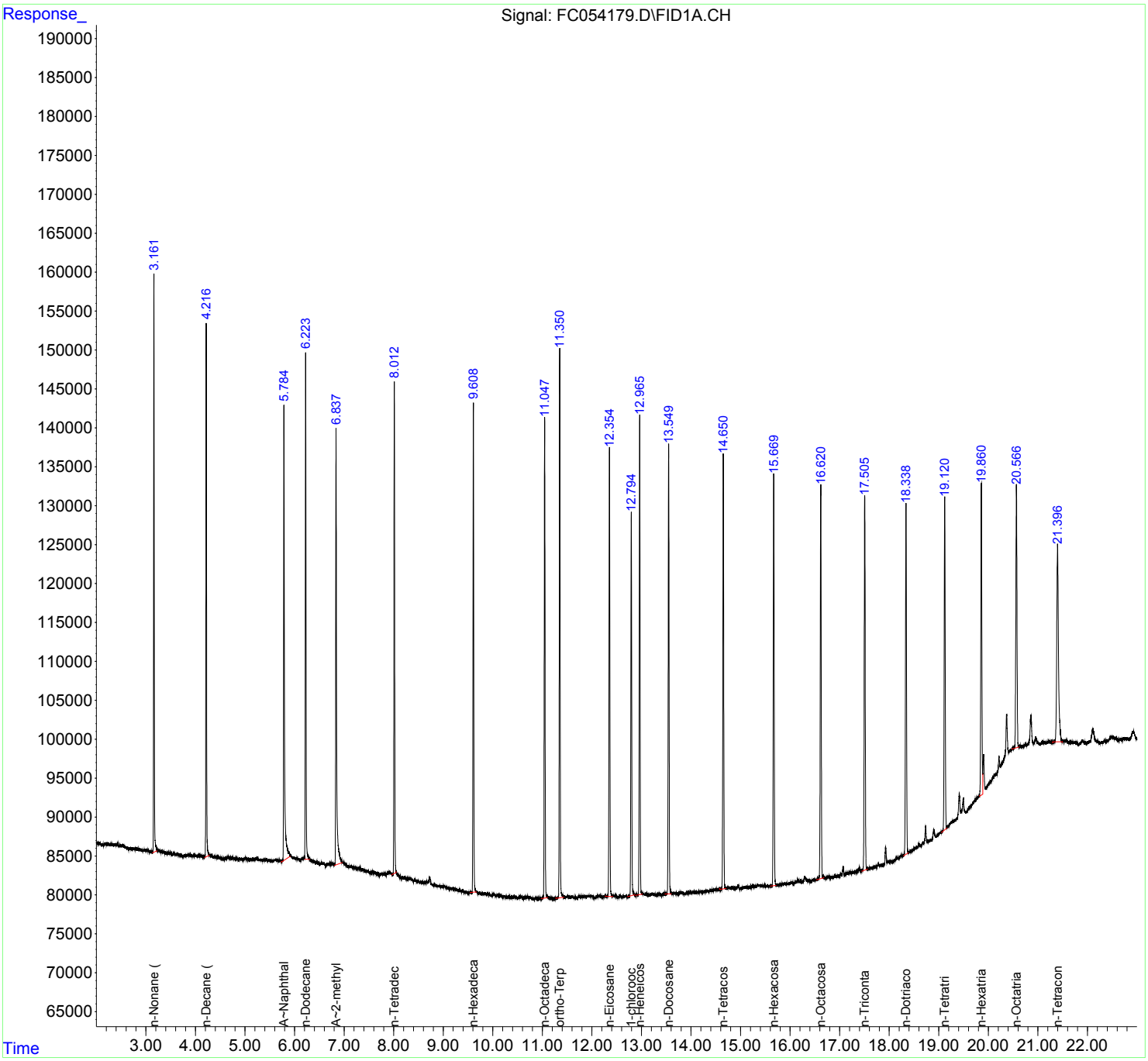
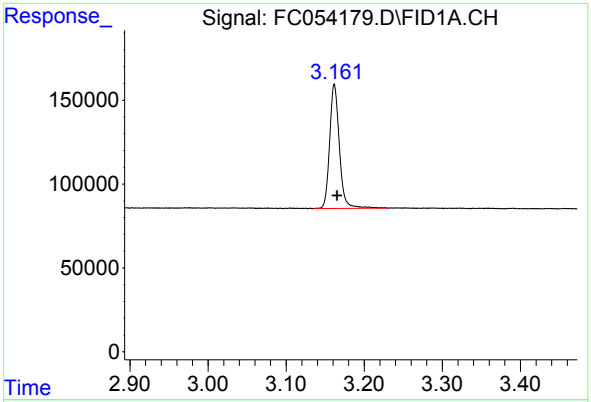
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.162 min
Delta R.T.: -0.003 min
Response: 640079
Conc: 5.15 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

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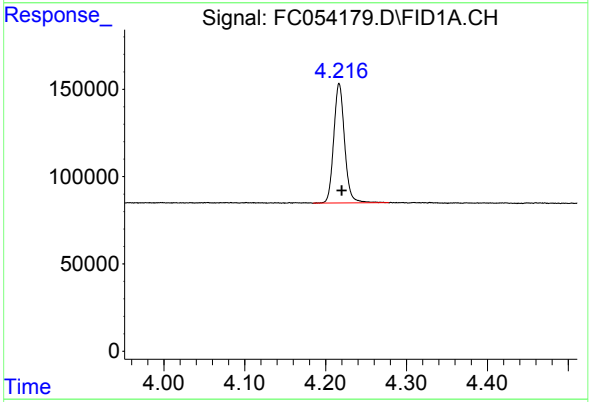
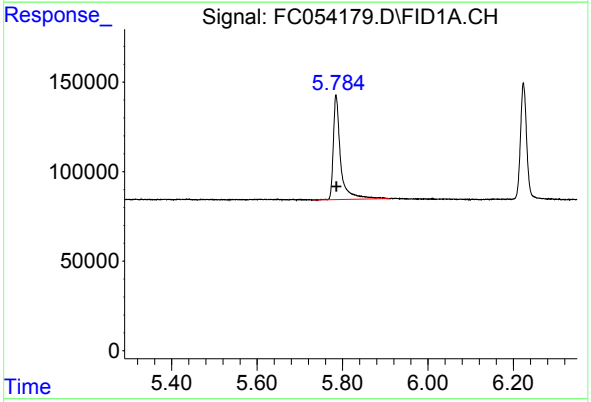


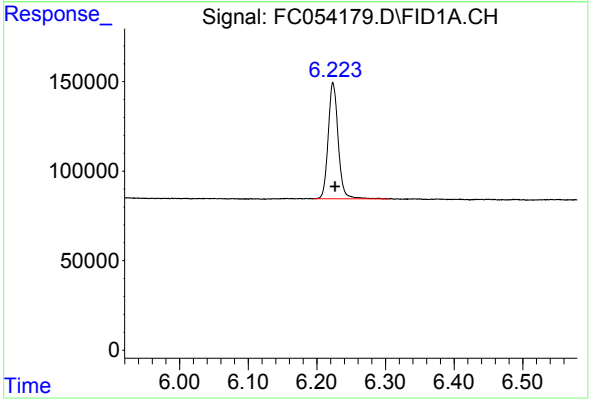
#2 n-Decane (C10)

R.T.: 4.217 min
Delta R.T.: -0.003 min
Response: 638674
Conc: 5.10 ug/ml



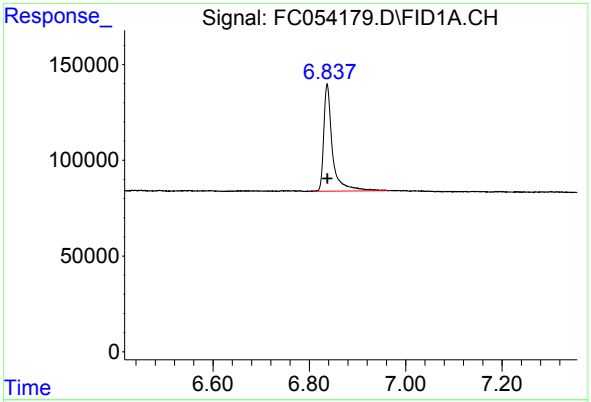
#3 A~Naphthalene (C11.7)

R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 695878
Conc: 4.96 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.224 min
Delta R.T.: -0.003 min
Response: 655785
Conc: 5.17 ug/ml



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

R.T.: 6.837 min
Delta R.T.: 0.000 min
Response: 690705
Conc: 4.96 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

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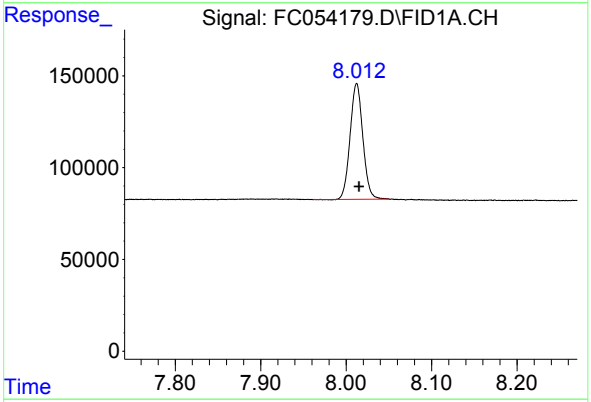
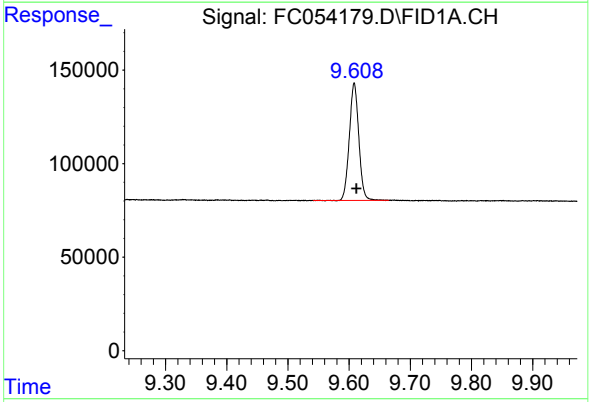


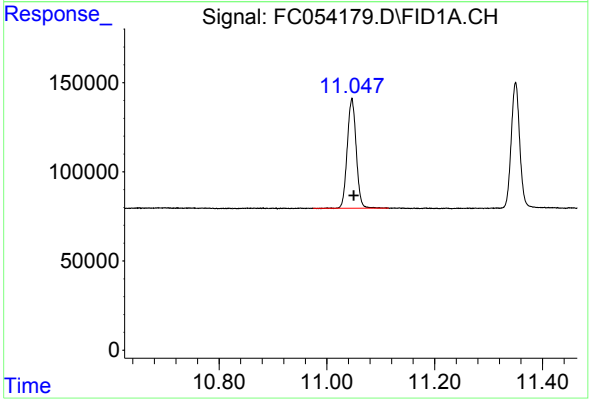
#6 n-Tetradecane (C14)

R.T.: 8.012 min
Delta R.T.: -0.003 min
Response: 654757
Conc: 5.05 ug/ml



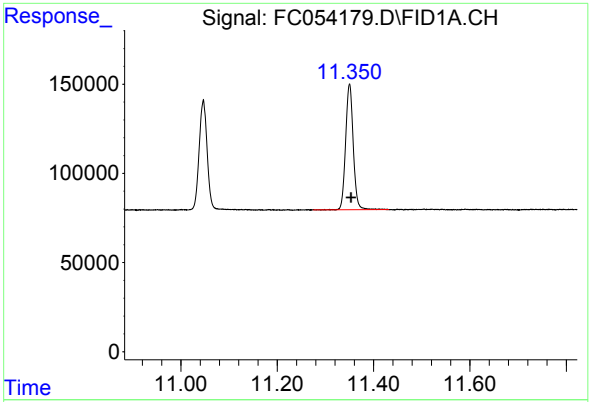
#7 n-Hexadecane (C16)

R.T.: 9.608 min
Delta R.T.: -0.004 min
Response: 673830
Conc: 5.13 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.046 min
Delta R.T.: -0.003 min
Response: 708229
Conc: 5.27 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.350 min
Delta R.T.: -0.004 min
Response: 776154
Conc: 5.32 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

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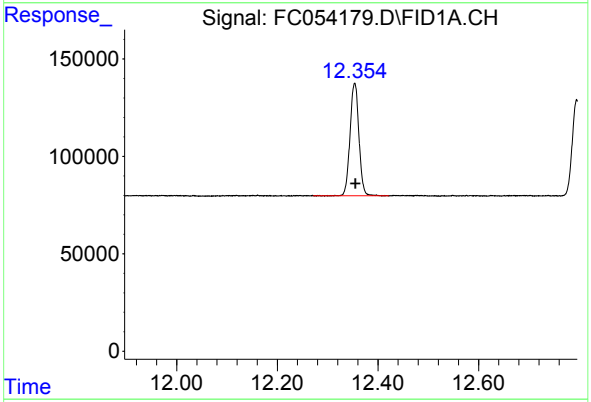
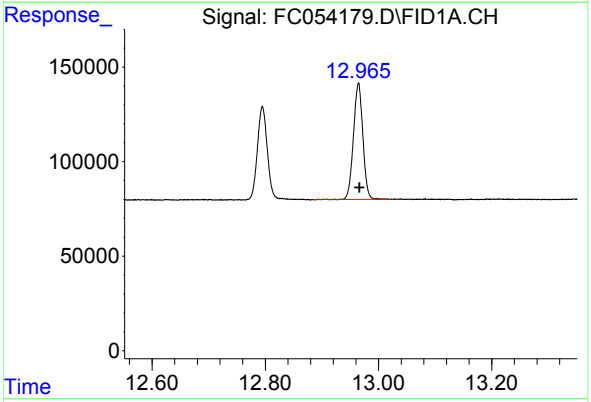


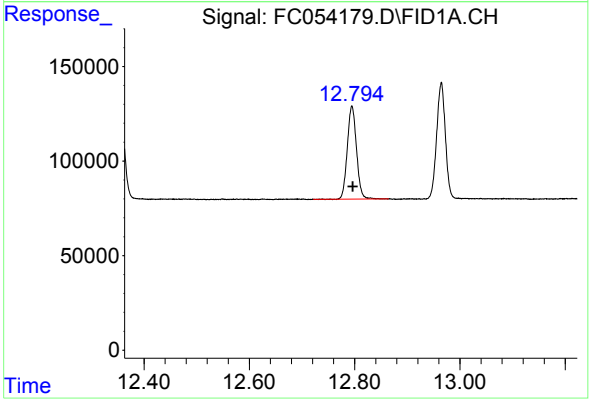
#10 n-Eicosane (C20)

R.T.: 12.354 min
Delta R.T.: -0.002 min
Response: 706534
Conc: 5.29 ug/ml



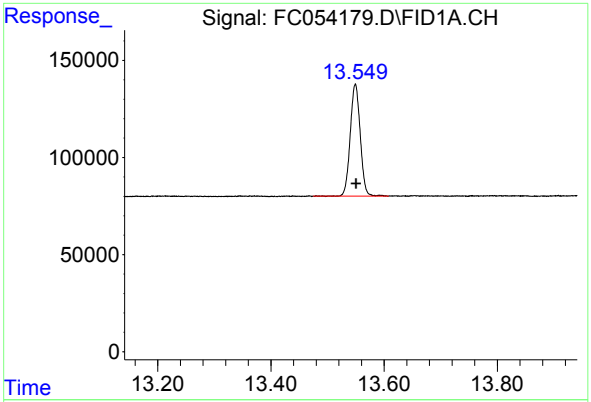
#11 n-Heneicosane (C21)

R.T.: 12.964 min
Delta R.T.: -0.002 min
Response: 708066
Conc: 5.25 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.795 min
Delta R.T.: -0.002 min
Response: 596134
Conc: 5.25 ug/ml



#13 n-Docosane (C22)

R.T.: 13.549 min
Delta R.T.: -0.001 min
Response: 707287
Conc: 5.32 ug/ml

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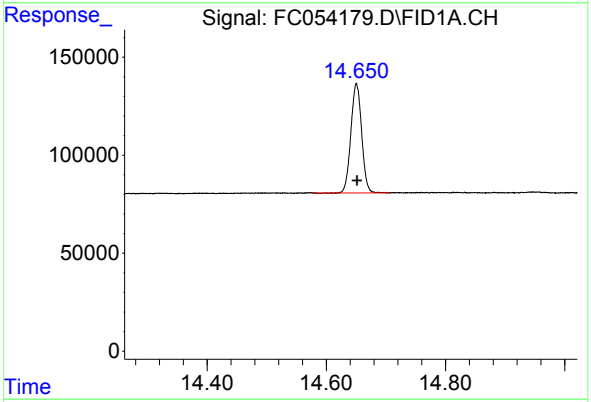
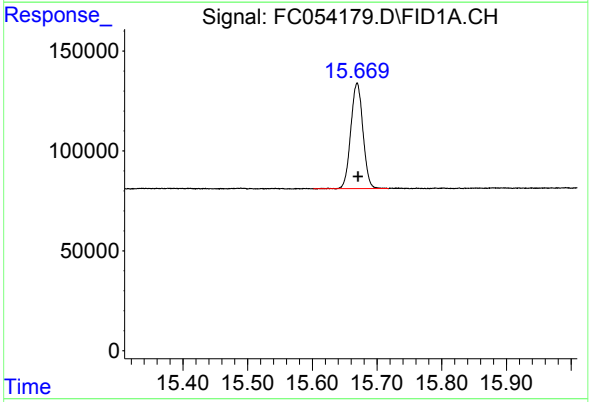


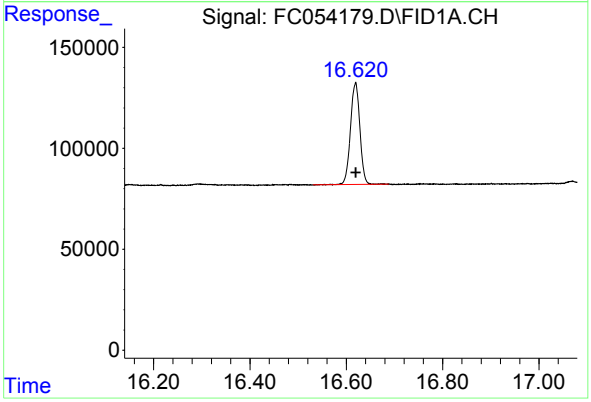
#14 n-Tetracosane (C24)

R.T.: 14.651 min
Delta R.T.: 0.000 min
Response: 699567
Conc: 5.29 ug/ml



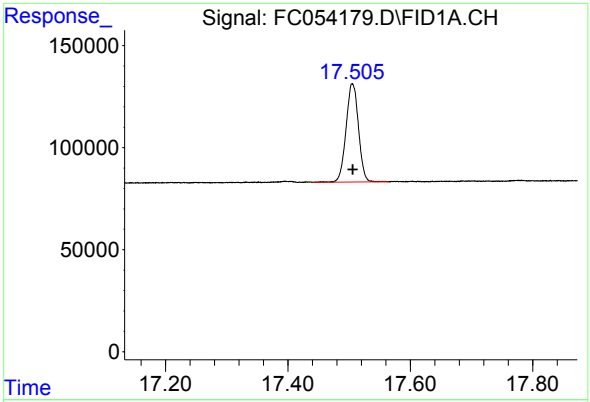
#15 n-Hexacosane (C26)

R.T.: 15.669 min
Delta R.T.: -0.001 min
Response: 688460
Conc: 5.32 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.619 min
Delta R.T.: 0.000 min
Response: 686644
Conc: 5.44 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.506 min
Delta R.T.: 0.000 min
Response: 678113
Conc: 5.52 ug/ml

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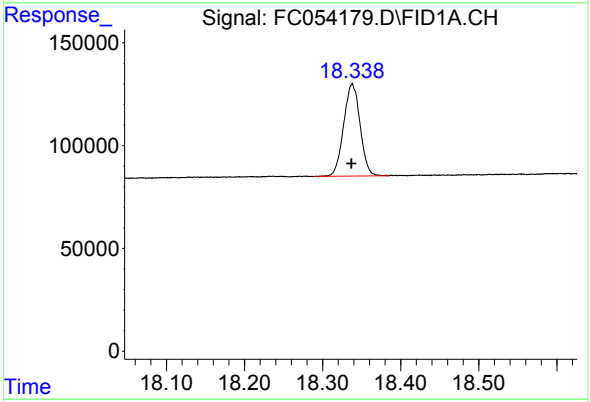
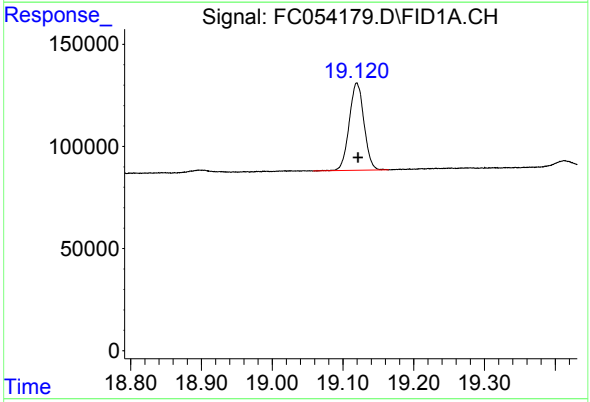


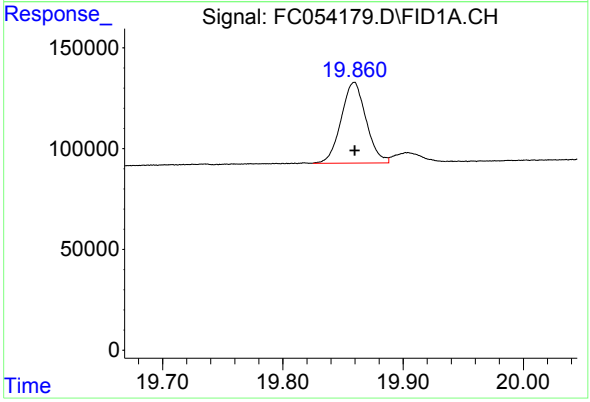
#18 n-Dotriacontane (C32)

R.T.: 18.338 min
Delta R.T.: 0.001 min
Response: 654022
Conc: 5.55 ug/ml



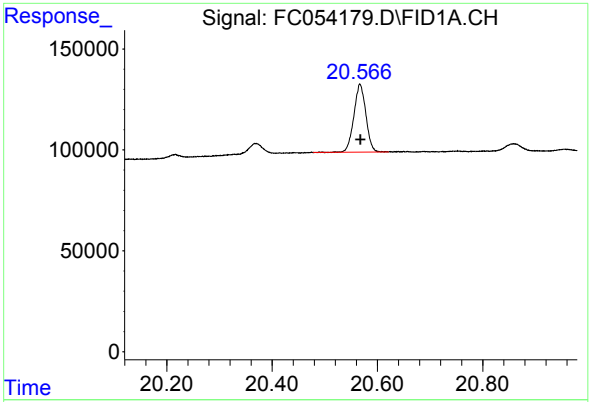
#19 n-Tetratriacontane (C34)

R.T.: 19.120 min
Delta R.T.: -0.001 min
Response: 617107
Conc: 5.49 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.860 min
Delta R.T.: 0.000 min
Response: 578144
Conc: 5.50 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.567 min
Delta R.T.: 0.000 min
Response: 531714
Conc: 5.43 ug/ml

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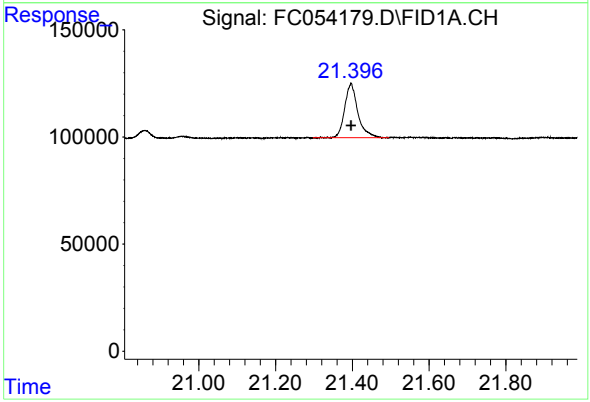

#22 n-Tetracontane (C40)

R.T.: 21.396 min
Delta R.T.: 0.000 min
Response: 602944
Conc: 5.93 ug/ml