Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102621AL\
Data File : FC056406.D
Signal(s) : FID1A.CH
Acq On : 26 Oct 2021 21:03
Operator : AJ\MA
Sample : PB140246BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB140246BSD

Manual Integrations APPROVED
mohammad
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Integration File: sample.E
Quant Time: Oct 27 02:19:44 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102121.M
Quant Title : GC Extractables
QLast Update : Thu Oct 21 01:00:25 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)	11.628	6394150	51.641 ug/ml
Spiked Amount	50.000		Recovery =	103.28%
12) S	1-chlorooctadecane (S...	13.058	5068922	52.679 ug/ml
Spiked Amount	50.000		Recovery =	105.36%
	Target Compounds			
1) T	n-Nonane (C9)	3.392	4407170	40.719 ug/mlm
2) T	n-Decane (C10)	4.454	4837711	44.911 ug/ml
3) T	A~Naphthalene (C11.7)	6.041	5452959	44.725 ug/ml
4) T	n-Dodecane (C12)	6.469	5466705	49.590 ug/ml
5) T	A~2-methylnaphthalene...	7.099	5569567	45.480 ug/ml
6) T	n-Tetradecane (C14)	8.267	6168611	54.945 ug/ml
7) T	n-Hexadecane (C16)	9.865	6481133	57.007 ug/ml
8) T	n-Octadecane (C18)	11.307	6665257	57.037 ug/ml
10) T	n-Eicosane (C20)	12.614	6322775	55.015 ug/ml
11) T	n-Heneicosane (C21)	13.225	6203251	53.978 ug/ml
13) T	n-Docosane (C22)	13.809	6034003	53.595 ug/ml
14) T	n-Tetracosane (C24)	14.907	10763676	97.671 ug/ml
15) T	n-Hexacosane (C26)	15.928	5461884	51.749 ug/ml
16) T	n-Octacosane (C28)	16.873	5237429	50.492 ug/ml
17) T	n-Tricontane (C30)	17.759	4954447	47.819 ug/ml
18) T	n-Dotriacontane (C32)	18.586	4806831	50.171 ug/ml
19) T	n-Tetratriacontane (C34)	19.364	4666413	53.203 ug/ml
20) T	n-Hexatriacontane (C36)	20.101	4533971	55.393 ug/ml
21) T	n-Octatriacontane (C38)	20.838	4261887	53.289 ug/ml
22) T	n-Tetracontane (C40)	21.757	4382386	53.191 ug/ml

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102621AL\
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Acq On : 26 Oct 2021 21:03
Operator : AJ\MA
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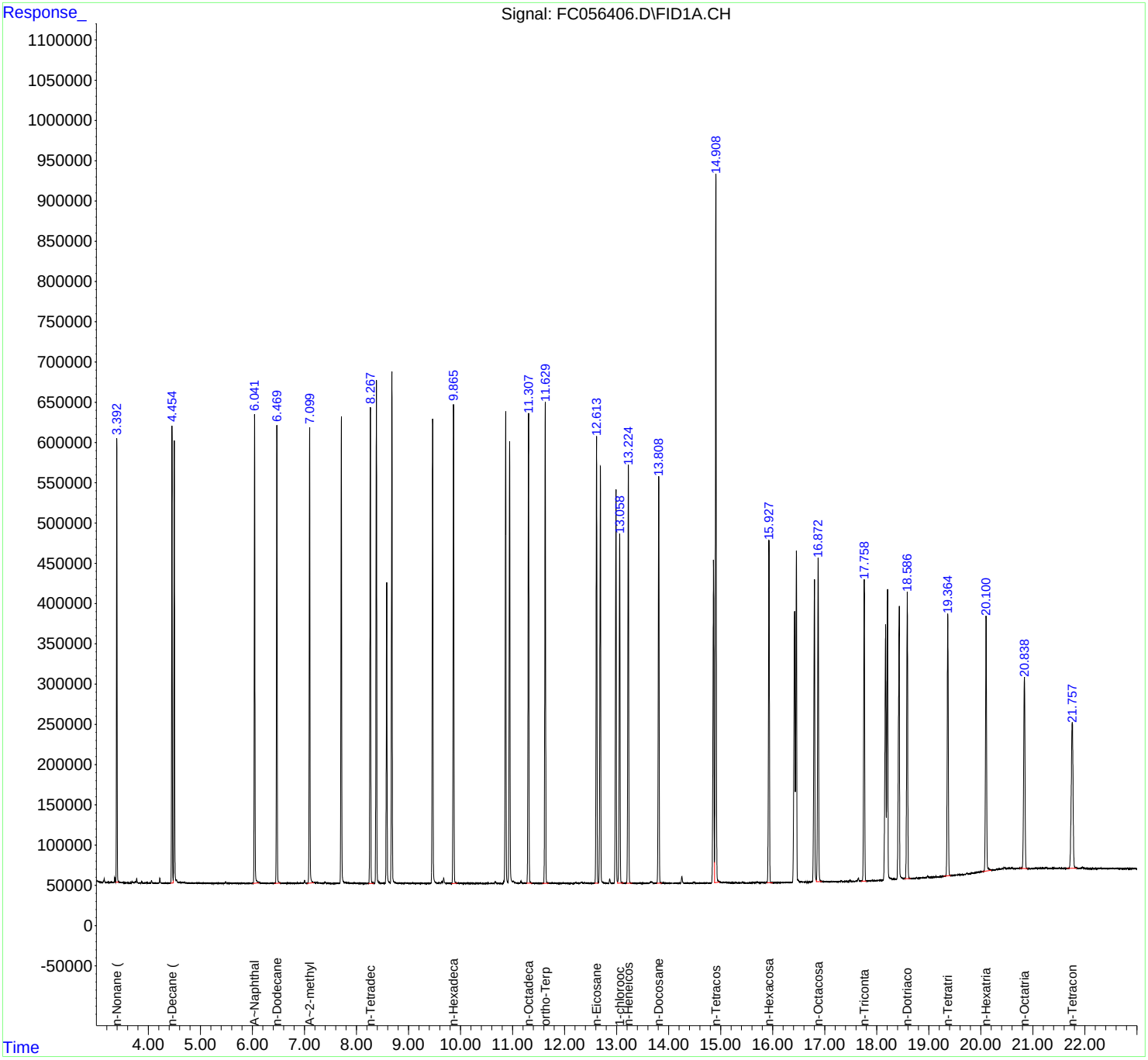

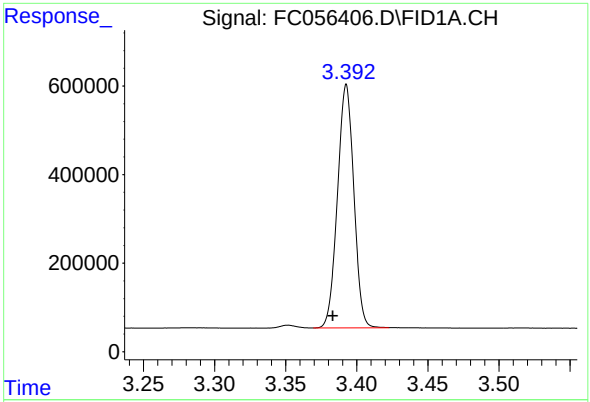

#1 n-Nonane (C9)

R.T.: 3.392 min
Delta R.T.: 0.009 min
Response: 4407170
Conc: 40.72 ug/ml m

Instrument :
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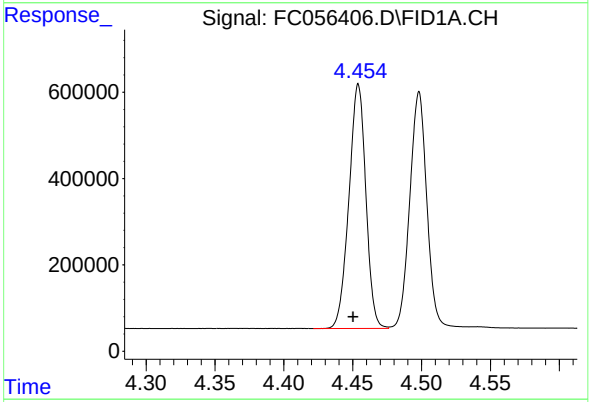
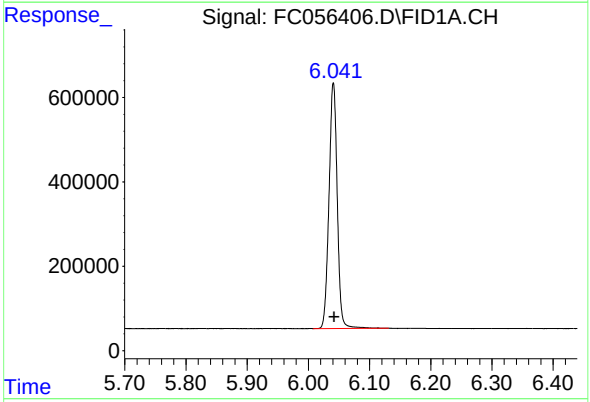


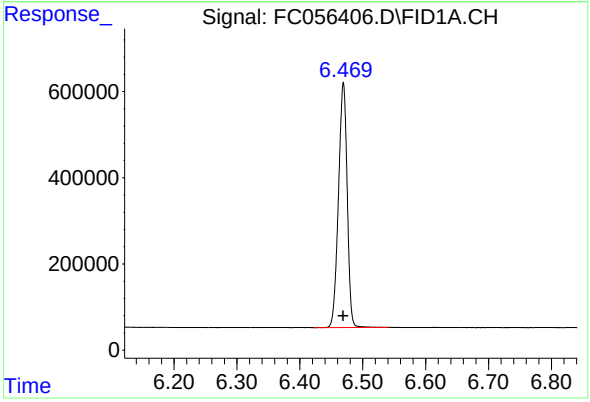
#2 n-Decane (C10)

R.T.: 4.454 min
Delta R.T.: 0.004 min
Response: 4837711
Conc: 44.91 ug/ml



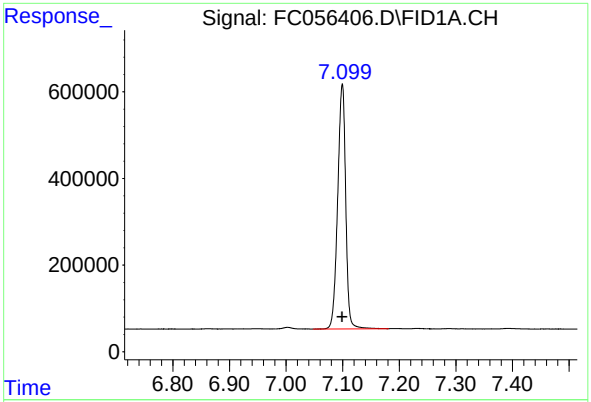
#3 A~Naphthalene (C11.7)

R.T.: 6.041 min
Delta R.T.: 0.000 min
Response: 5452959
Conc: 44.73 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.469 min
Delta R.T.: 0.000 min
Response: 5466705
Conc: 49.59 ug/ml



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

R.T.: 7.099 min
Delta R.T.: 0.000 min
Response: 5569567
Conc: 45.48 ug/ml

Instrument :
FID_C
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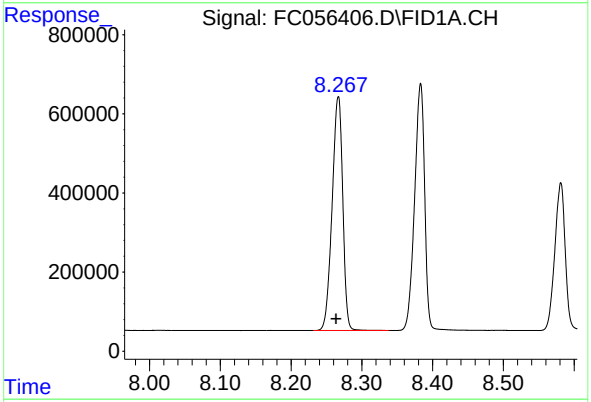
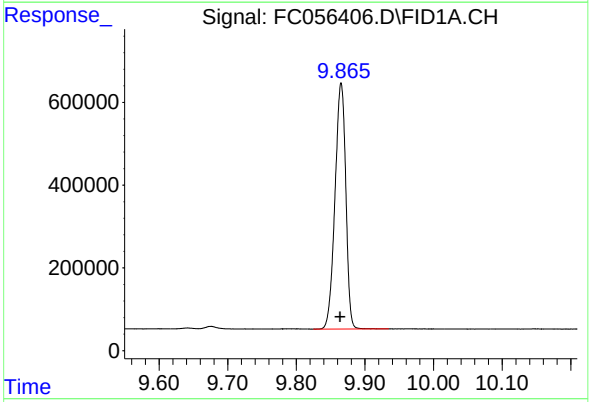


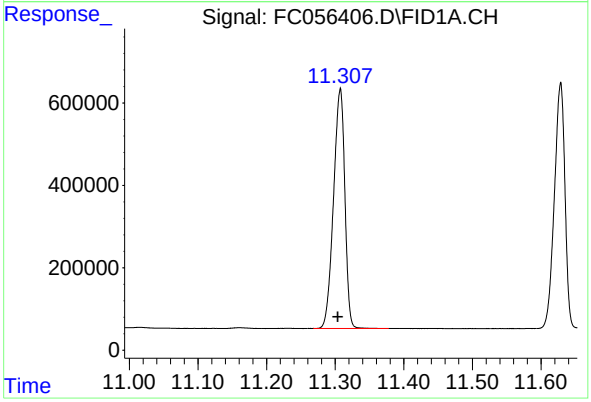
#6 n-Tetradecane (C14)

R.T.: 8.267 min
Delta R.T.: 0.003 min
Response: 6168611
Conc: 54.95 ug/ml



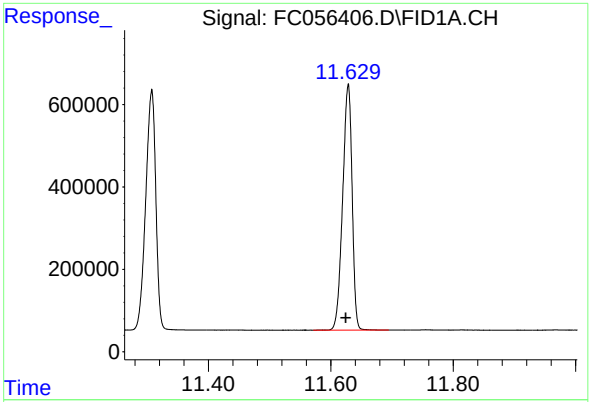
#7 n-Hexadecane (C16)

R.T.: 9.865 min
Delta R.T.: 0.001 min
Response: 6481133
Conc: 57.01 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.307 min
Delta R.T.: 0.004 min
Response: 6665257
Conc: 57.04 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.628 min
Delta R.T.: 0.004 min
Response: 6394150
Conc: 51.64 ug/ml

Instrument :
FID_C
ClientSampleId :
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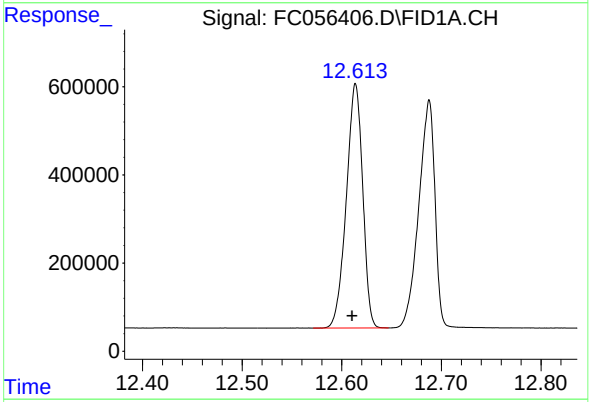
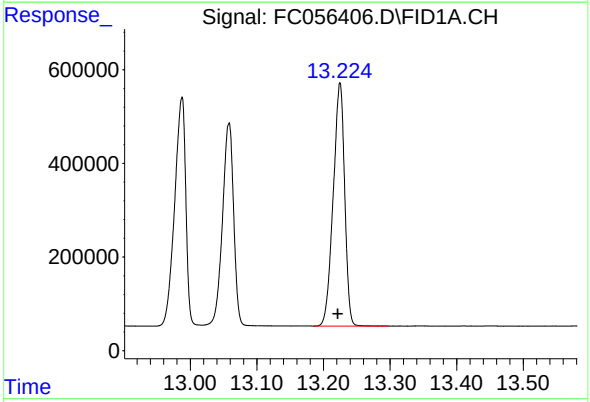


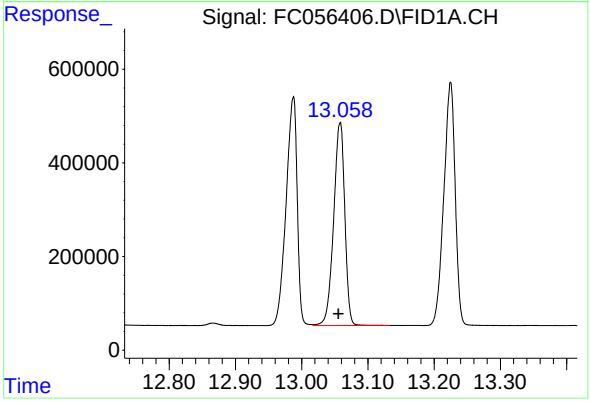
#10 n-Eicosane (C20)

R.T.: 12.614 min
Delta R.T.: 0.004 min
Response: 6322775
Conc: 55.02 ug/ml



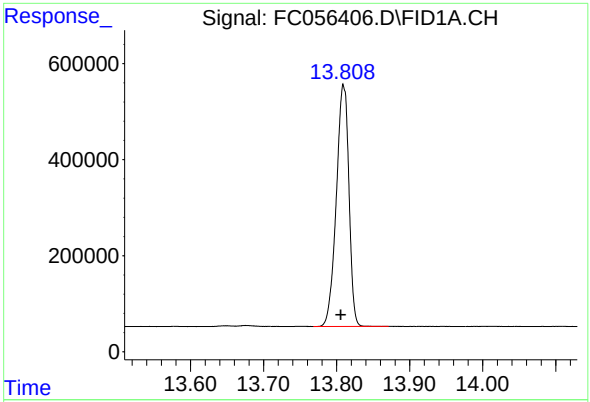
#11 n-Heneicosane (C21)

R.T.: 13.225 min
Delta R.T.: 0.003 min
Response: 6203251
Conc: 53.98 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.058 min
Delta R.T.: 0.002 min
Response: 5068922
Conc: 52.68 ug/ml



#13 n-Docosane (C22)

R.T.: 13.809 min
Delta R.T.: 0.004 min
Response: 6034003
Conc: 53.60 ug/ml

Instrument :
FID_C
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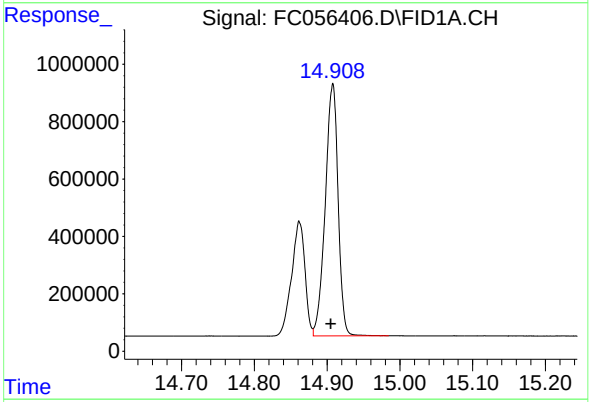
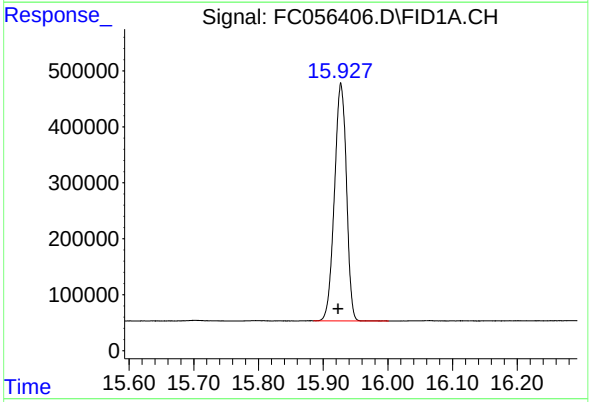


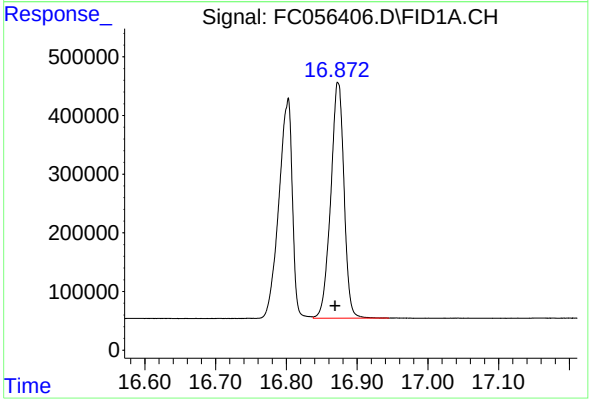
#14 n-Tetracosane (C24)

R.T.: 14.907 min
Delta R.T.: 0.002 min
Response: 10763676
Conc: 97.67 ug/ml



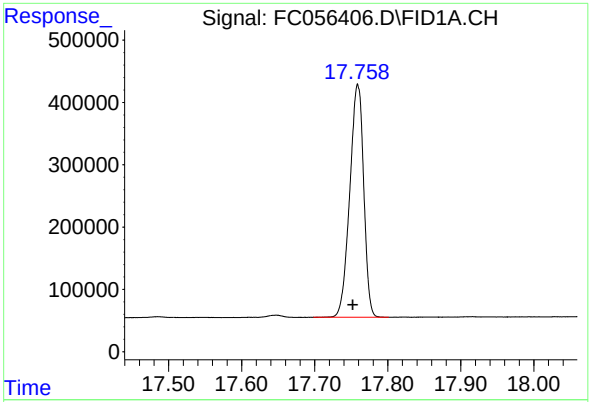
#15 n-Hexacosane (C26)

R.T.: 15.928 min
Delta R.T.: 0.005 min
Response: 5461884
Conc: 51.75 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.873 min
Delta R.T.: 0.004 min
Response: 5237429
Conc: 50.49 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.759 min
Delta R.T.: 0.007 min
Response: 4954447
Conc: 47.82 ug/ml

Instrument :
FID_C
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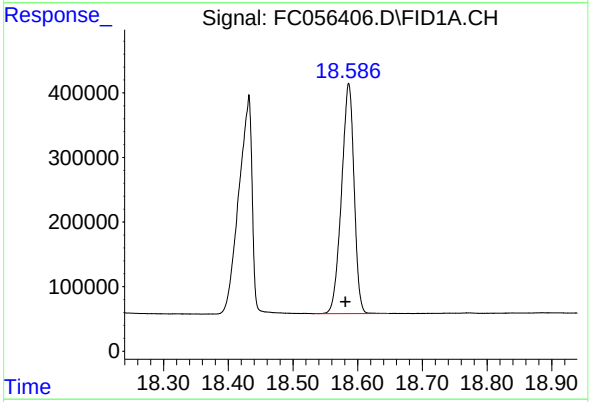
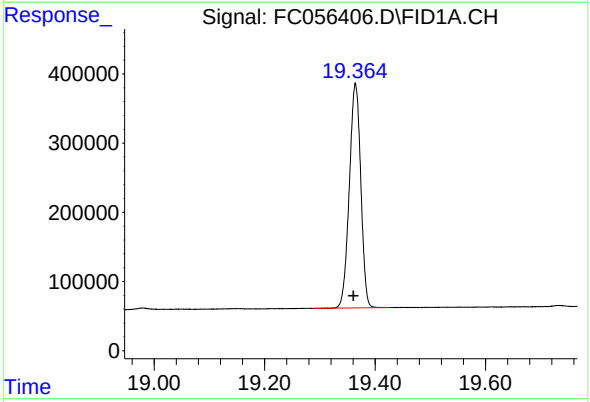


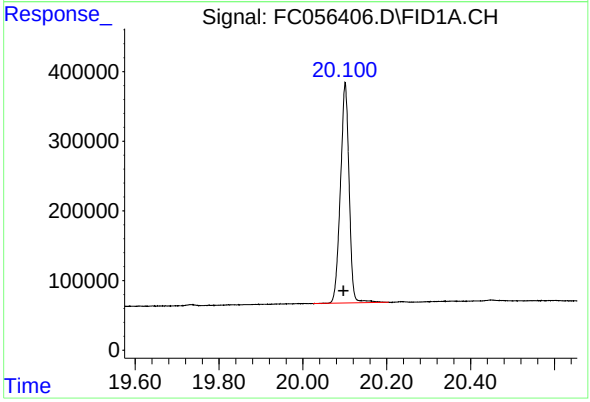
#18 n-Dotriacontane (C32)

R.T.: 18.586 min
Delta R.T.: 0.005 min
Response: 4806831
Conc: 50.17 ug/ml



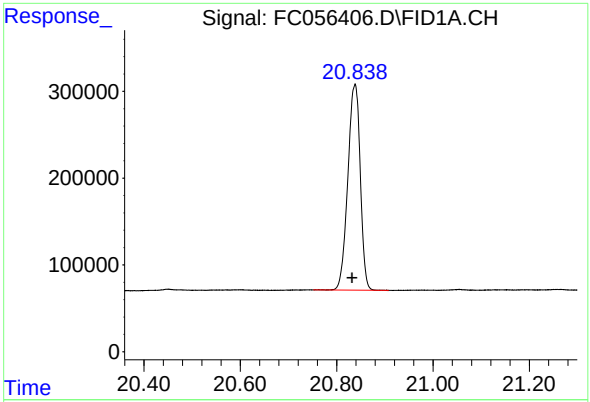
#19 n-Tetratriacontane (C34)

R.T.: 19.364 min
Delta R.T.: 0.004 min
Response: 4666413
Conc: 53.20 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.101 min
Delta R.T.: 0.004 min
Response: 4533971
Conc: 55.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.838 min
Delta R.T.: 0.005 min
Response: 4261887
Conc: 53.29 ug/ml

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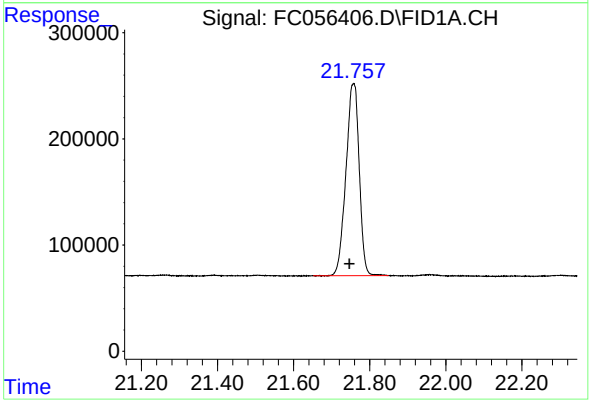

#22 n-Tetracontane (C40)

R.T.: 21.757 min
Delta R.T.: 0.010 min
Response: 4382386
Conc: 53.19 ug/ml