Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091421AL\
Data File : FC055640.D
Signal(s) : FID1A.CH
Acq On : 14 Sep 2021 22:54
Operator : AJ\MA
Sample : PB139082BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB139082BS

Manual Integrations APPROVED
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Integration File: sample.E
Quant Time: Sep 15 01:23:43 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 083021.M
Quant Title : GC Extractables
QLast Update : Tue Aug 31 01:45:39 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)	11.659	5286256	42.315 ug/ml
Spiked Amount	50.000		Recovery =	84.63%
12) S	1-chlorooctadecane (S...	13.091	4050714	40.930 ug/ml
Spiked Amount	50.000		Recovery =	81.86%
	Target Compounds			
1) T	n-Nonane (C9)	3.414	4617105	42.714 ug/ml
2) T	n-Decane (C10)	4.478	5089134	46.672 ug/ml
3) T	A~Naphthalene (C11.7)	6.066	5666656	45.987 ug/ml
4) T	n-Dodecane (C12)	6.495	5601150	51.154 ug/ml
5) T	A~2-methylnaphthalene...	7.125	5584336	44.873 ug/ml
6) T	n-Tetradecane (C14)	8.294	5715602	51.318 ug/ml
7) T	n-Hexadecane (C16)	9.894	5597042	49.525 ug/ml
8) T	n-Octadecane (C18)	11.337	5539642	47.580 ug/ml
10) T	n-Eicosane (C20)	12.647	5142545	44.011 ug/ml
11) T	n-Heneicosane (C21)	13.258	5013688	42.599 ug/ml
13) T	n-Docosane (C22)	13.845	4861909	41.679 ug/ml
14) T	n-Tetracosane (C24)	14.943	8997473	77.259 ug/ml
15) T	n-Hexacosane (C26)	15.969	4515263	39.858 ug/ml
16) T	n-Octacosane (C28)	16.916	4514057	40.794 ug/ml
17) T	n-Tricontane (C30)	17.803	4380070	41.192 ug/ml
18) T	n-Dotriacontane (C32)	18.633	4284457	42.751 ug/ml
19) T	n-Tetratriacontane (C34)	19.416	4022661	42.622 ug/mlm
20) T	n-Hexatriacontane (C36)	20.153	3627942	41.785 ug/mlm
21) T	n-Octatriacontane (C38)	20.897	3398745	41.698 ug/mlm
22) T	n-Tetracontane (C40)	21.834	3535903	44.025 ug/ml

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091421AL\
Data File : FC055640.D
Signal(s) : FID1A.CH
Acq On : 14 Sep 2021 22:54
Operator : AJ\MA
Sample : PB139082BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
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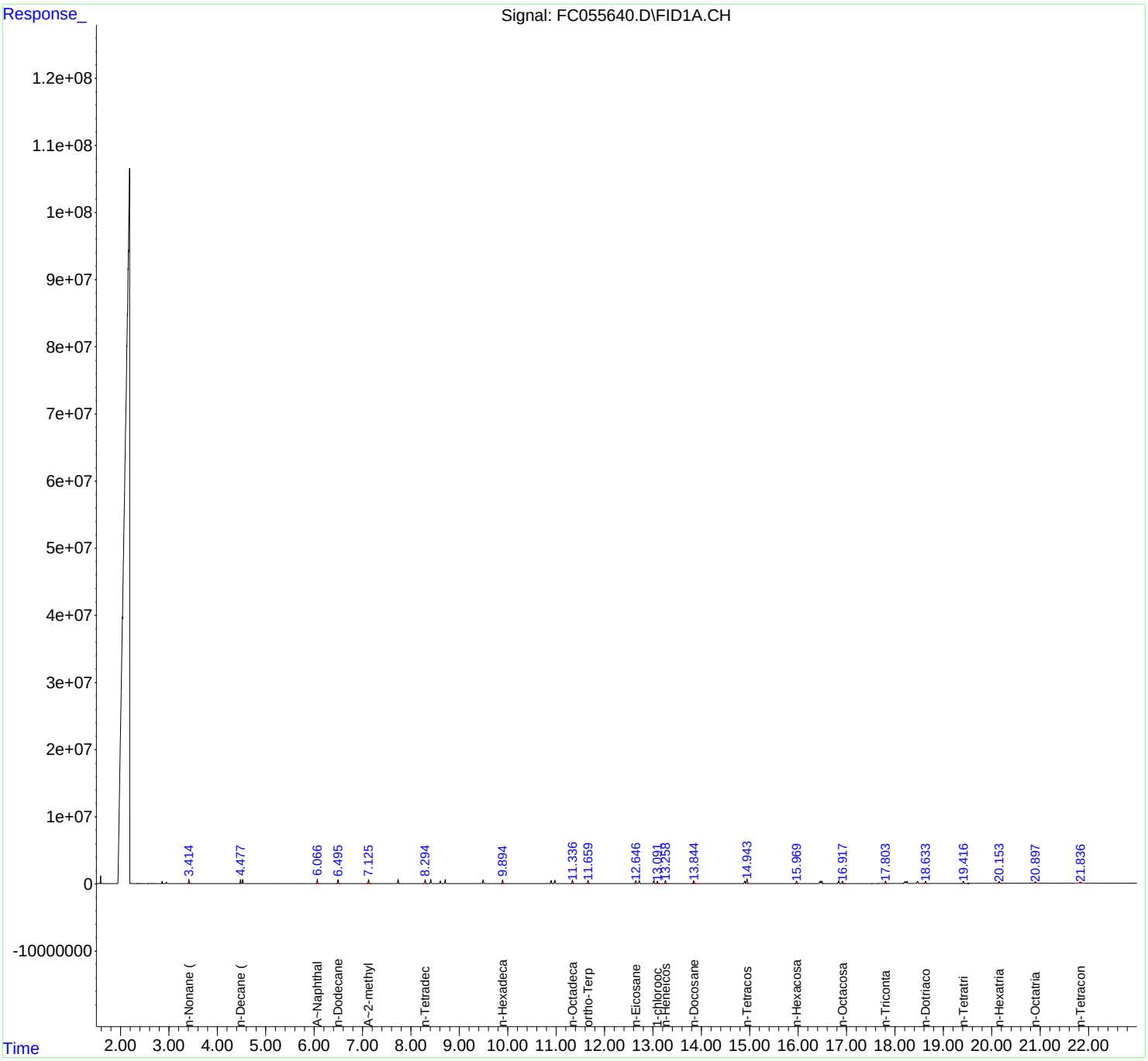
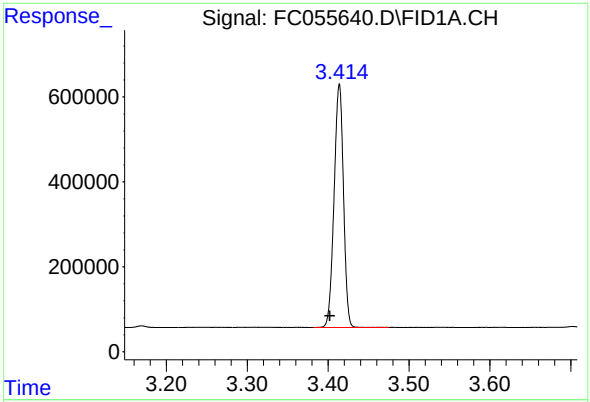
Integration File: sample.E
Quant Time: Sep 15 01:23:43 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 083021.M
Quant Title : GC Extractables
QLast Update : Tue Aug 31 01:45:39 2021
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





#1 n-Nonane (C9)

R.T.: 3.414 min
Delta R.T.: 0.012 min
Response: 4617105
Conc: 42.71 ug/ml

Instrument :
FID_C
ClientSampleId :
PB139082BS

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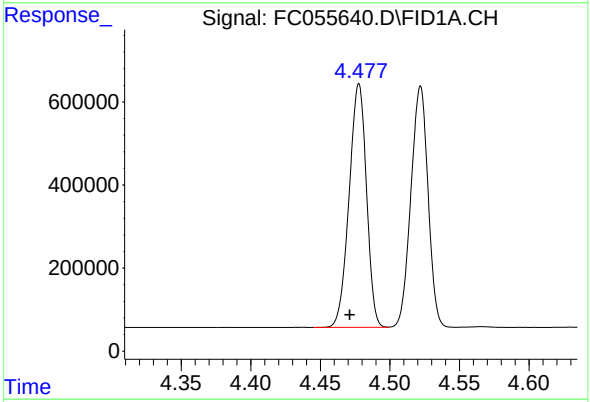
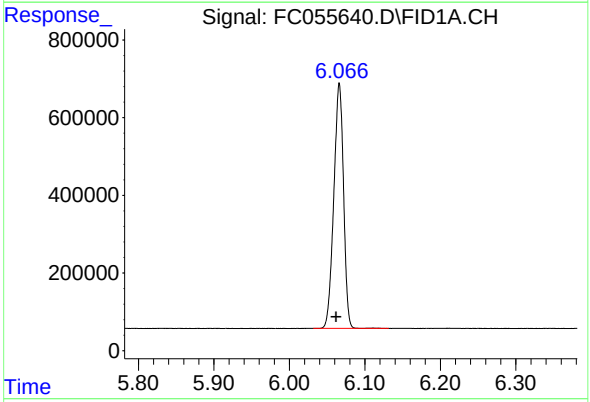


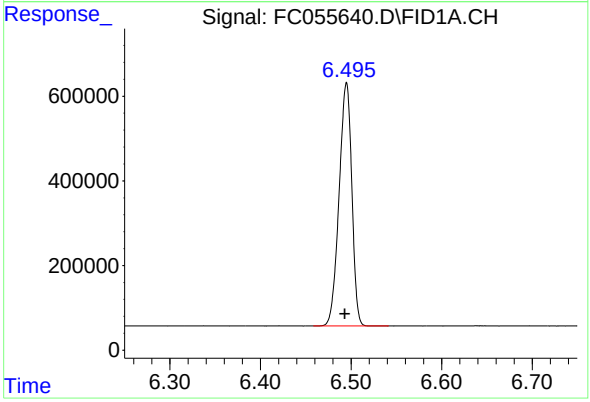
#2 n-Decane (C10)

R.T.: 4.478 min
Delta R.T.: 0.006 min
Response: 5089134
Conc: 46.67 ug/ml



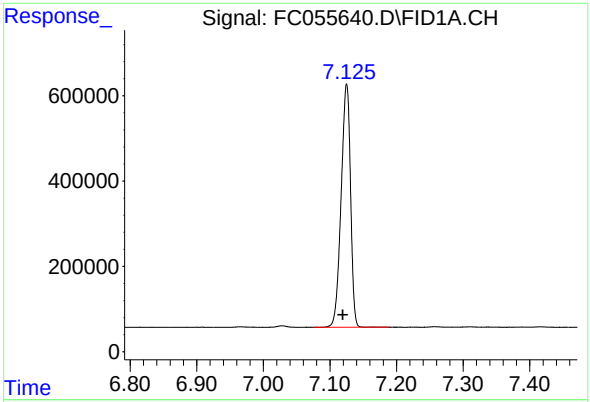
#3 A~Naphthalene (C11.7)

R.T.: 6.066 min
Delta R.T.: 0.004 min
Response: 5666656
Conc: 45.99 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.495 min
Delta R.T.: 0.002 min
Response: 5601150
Conc: 51.15 ug/ml



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

R.T.: 7.125 min
Delta R.T.: 0.006 min
Response: 5584336
Conc: 44.87 ug/ml

Instrument :
FID_C
ClientSampleId :
PB139082BS

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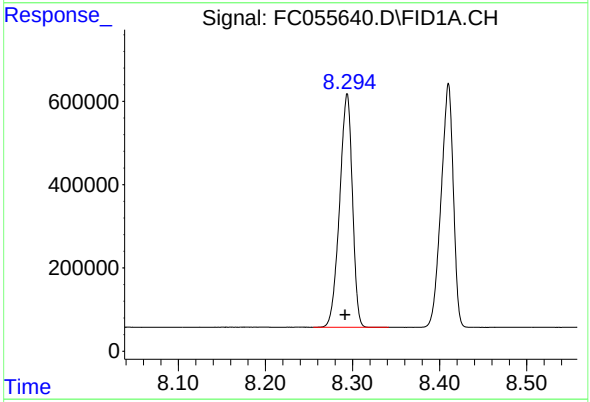
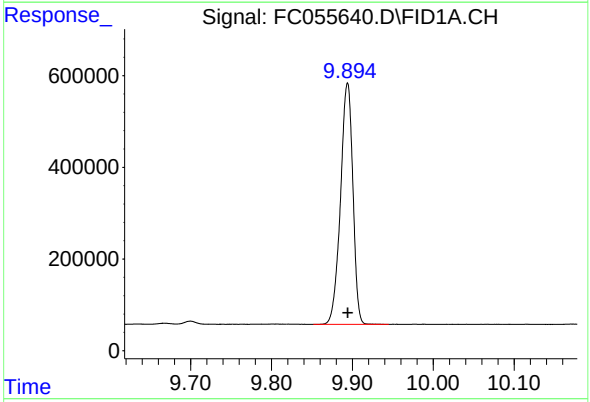


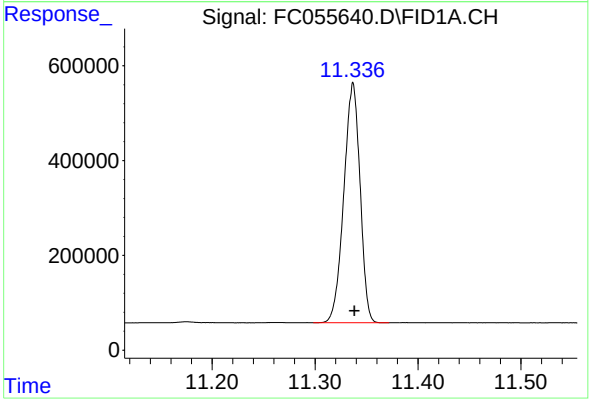
#6 n-Tetradecane (C14)

R.T.: 8.294 min
Delta R.T.: 0.002 min
Response: 5715602
Conc: 51.32 ug/ml



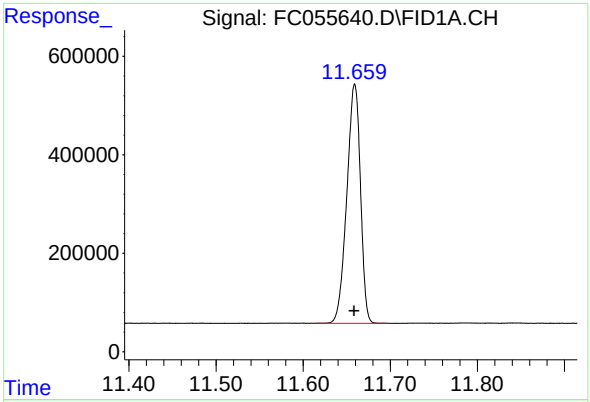
#7 n-Hexadecane (C16)

R.T.: 9.894 min
Delta R.T.: 0.000 min
Response: 5597042
Conc: 49.52 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.337 min
Delta R.T.: -0.002 min
Response: 5539642
Conc: 47.58 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.659 min
Delta R.T.: 0.000 min
Response: 5286256
Conc: 42.32 ug/ml

Instrument :
FID_C
ClientSampleId :
PB139082BS

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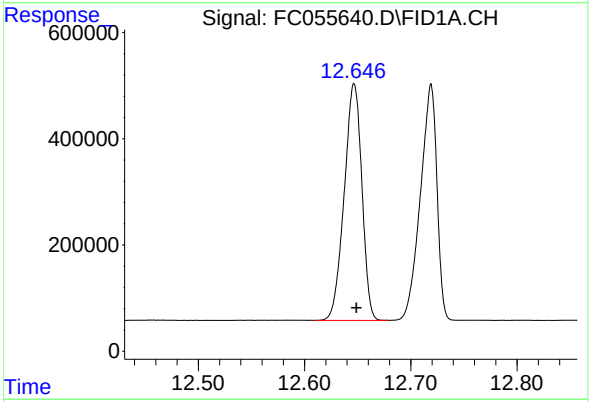
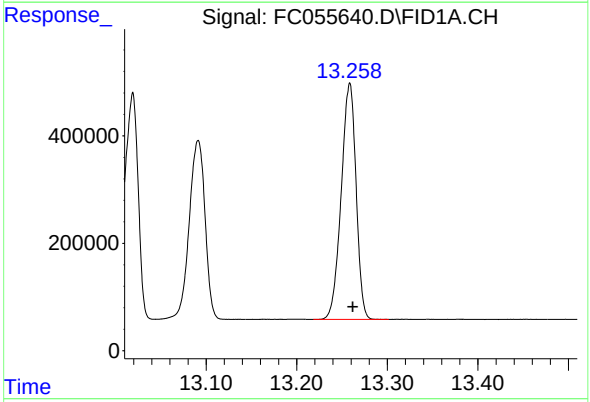


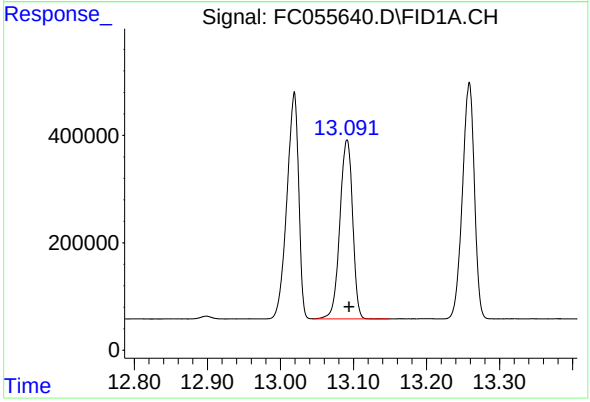
#10 n-Eicosane (C20)

R.T.: 12.647 min
Delta R.T.: -0.002 min
Response: 5142545
Conc: 44.01 ug/ml



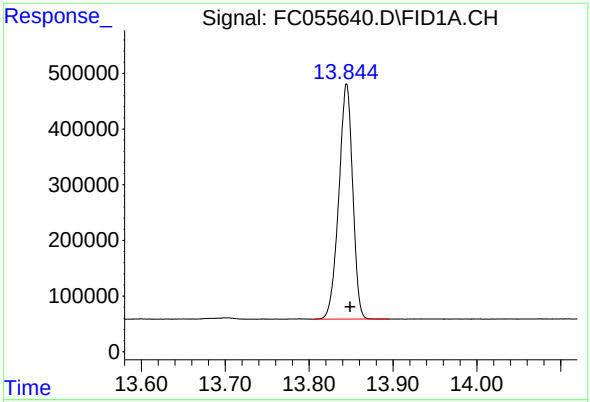
#11 n-Heneicosane (C21)

R.T.: 13.258 min
Delta R.T.: -0.004 min
Response: 5013688
Conc: 42.60 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.091 min
Delta R.T.: -0.003 min
Response: 4050714
Conc: 40.93 ug/ml



#13 n-Docosane (C22)

R.T.: 13.845 min
Delta R.T.: -0.004 min
Response: 4861909
Conc: 41.68 ug/ml

Instrument :
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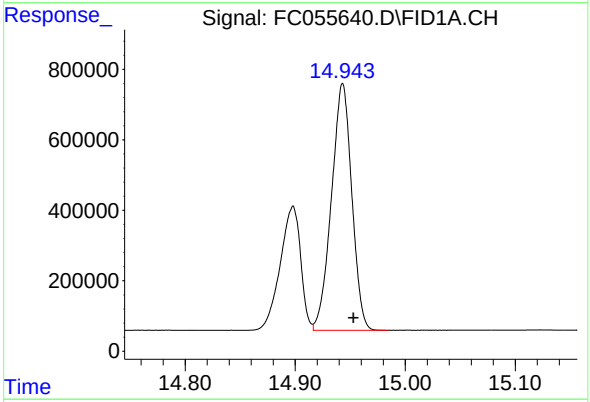
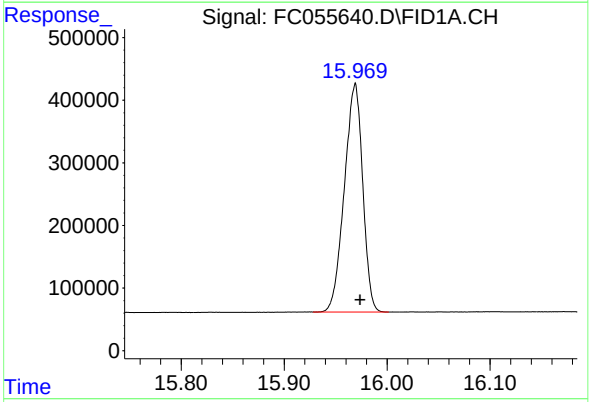


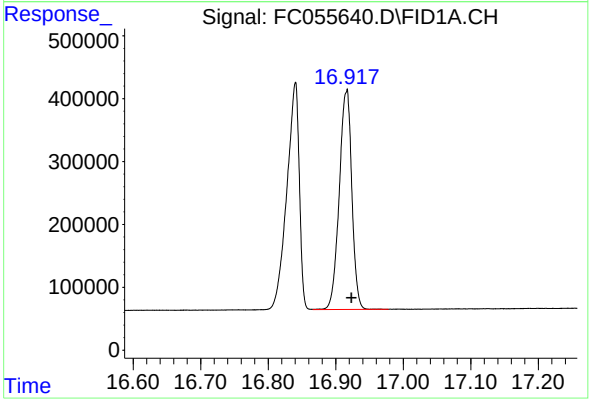
#14 n-Tetracosane (C24)

R.T.: 14.943 min
Delta R.T.: -0.010 min
Response: 8997473
Conc: 77.26 ug/ml



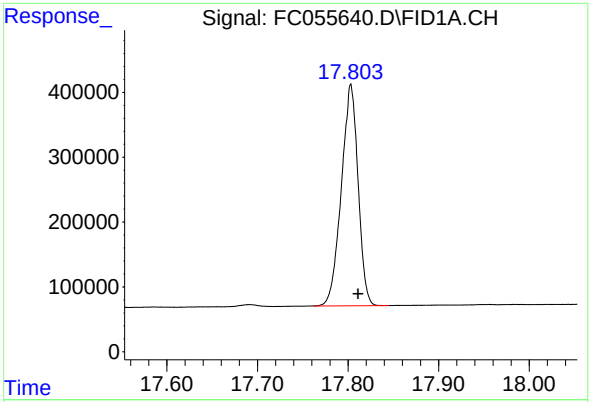
#15 n-Hexacosane (C26)

R.T.: 15.969 min
Delta R.T.: -0.005 min
Response: 4515263
Conc: 39.86 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.916 min
Delta R.T.: -0.008 min
Response: 4514057
Conc: 40.79 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.803 min
Delta R.T.: -0.008 min
Response: 4380070
Conc: 41.19 ug/ml

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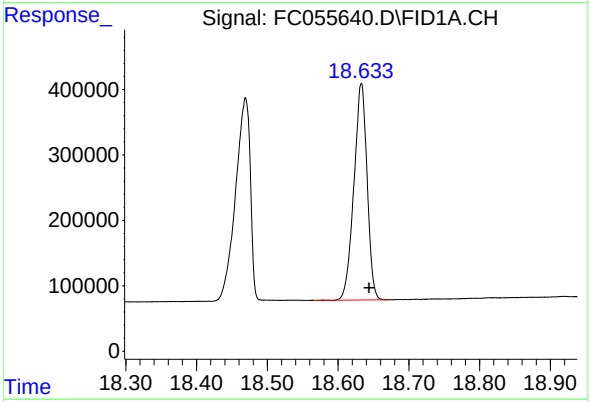
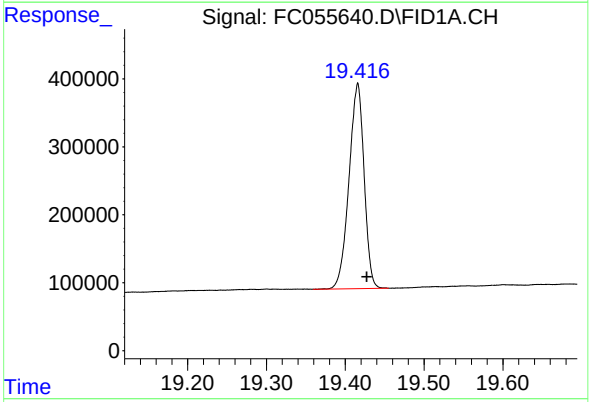


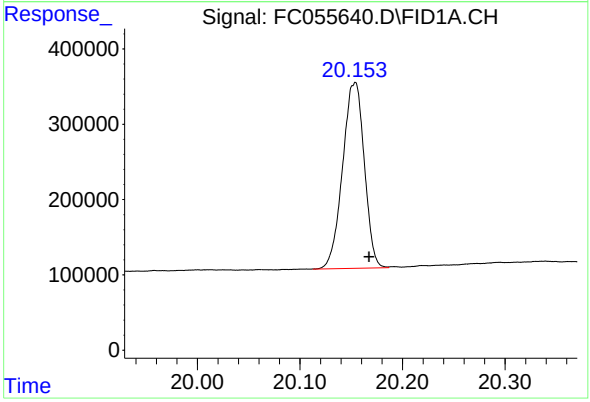
#18 n-Dotriacontane (C32)

R.T.: 18.633 min
Delta R.T.: -0.011 min
Response: 4284457
Conc: 42.75 ug/ml



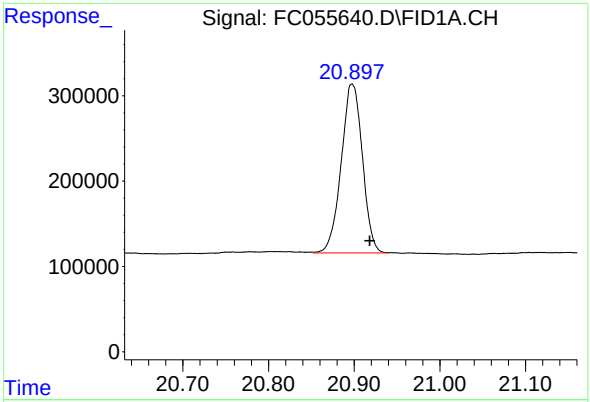
#19 n-Tetratriacontane (C34)

R.T.: 19.416 min
Delta R.T.: -0.012 min
Response: 4022661
Conc: 42.62 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.153 min
Delta R.T.: -0.014 min
Response: 3627942
Conc: 41.78 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.897 min
Delta R.T.: -0.021 min
Response: 3398745
Conc: 41.70 ug/ml m

Instrument :
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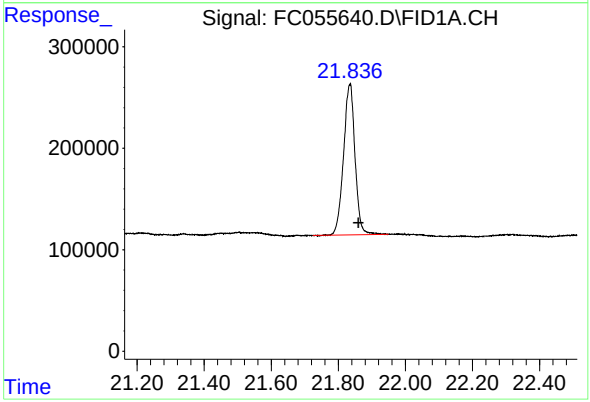

#22 n-Tetracontane (C40)

R.T.: 21.834 min
Delta R.T.: -0.026 min
Response: 3535903
Conc: 44.03 ug/ml