

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010722AL\
 Data File : FC057775.D
 Signal(s) : FID1A.CH
 Acq On : 07 Jan 2022 19:31
 Operator : AJ\MA
 Sample : PB141904BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB141904BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/10/2022
 Supervised By :Ankita Jodhani 01/10/2022

Integration File: autoint1.e
 Quant Time: Jan 07 22:31:26 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010522.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 12:13:43 2022
 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)	10.709	8719927	45.096 ug/ml
Spiked Amount 50.000		Recovery =	90.19%
12) S 1-chlorooctadecane (S...	12.146	6868793	46.604 ug/ml
Spiked Amount 50.000		Recovery =	93.21%
Target Compounds			
1) T n-Nonane (C9)	2.645	6473041	40.479 ug/ml
2) T n-Decane (C10)	3.631	6847115	42.600 ug/ml
3) T A~Naphthalene (C11.7)	5.163	8127740	44.761 ug/ml
4) T n-Dodecane (C12)	5.597	7166410	44.435 ug/ml
5) T A~2-methylnaphthalene...	6.203	8132646	44.473 ug/ml
6) T n-Tetradecane (C14)	7.380	7756638	46.983 ug/ml
7) T n-Hexadecane (C16)	8.971	8694733	52.052 ug/ml
8) T n-Octadecane (C18)	10.406	9131944	53.066 ug/ml
10) T n-Eicosane (C20)	11.709	9451708	55.210 ug/ml
11) T n-Heneicosane (C21)	12.317	8888342	51.401 ug/ml
13) T n-Docosane (C22)	12.901	8790712	50.812 ug/ml
14) T n-Tetracosane (C24)	13.998	8564288	49.473 ug/ml
15) T n-Hexacosane (C26)	15.016	8142698	48.385 ug/mlm
16) T n-Octacosane (C28)	15.960	7825269	47.819 ug/ml
17) T n-Tricontane (C30)	16.847	7510382	48.105 ug/ml
18) T n-Dotriacontane (C32)	17.674	7084881	50.815 ug/ml
19) T n-Tetratriacontane (C34)	18.456	6378933	51.324 ug/ml
20) T n-Hexatriacontane (C36)	19.191	5467560	49.178 ug/ml
21) T n-Octatriacontane (C38)	19.898	5094141	48.834 ug/ml
22) T n-Tetracontane (C40)	20.723	5209994	54.411 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 5 Sample Multiplier: 1

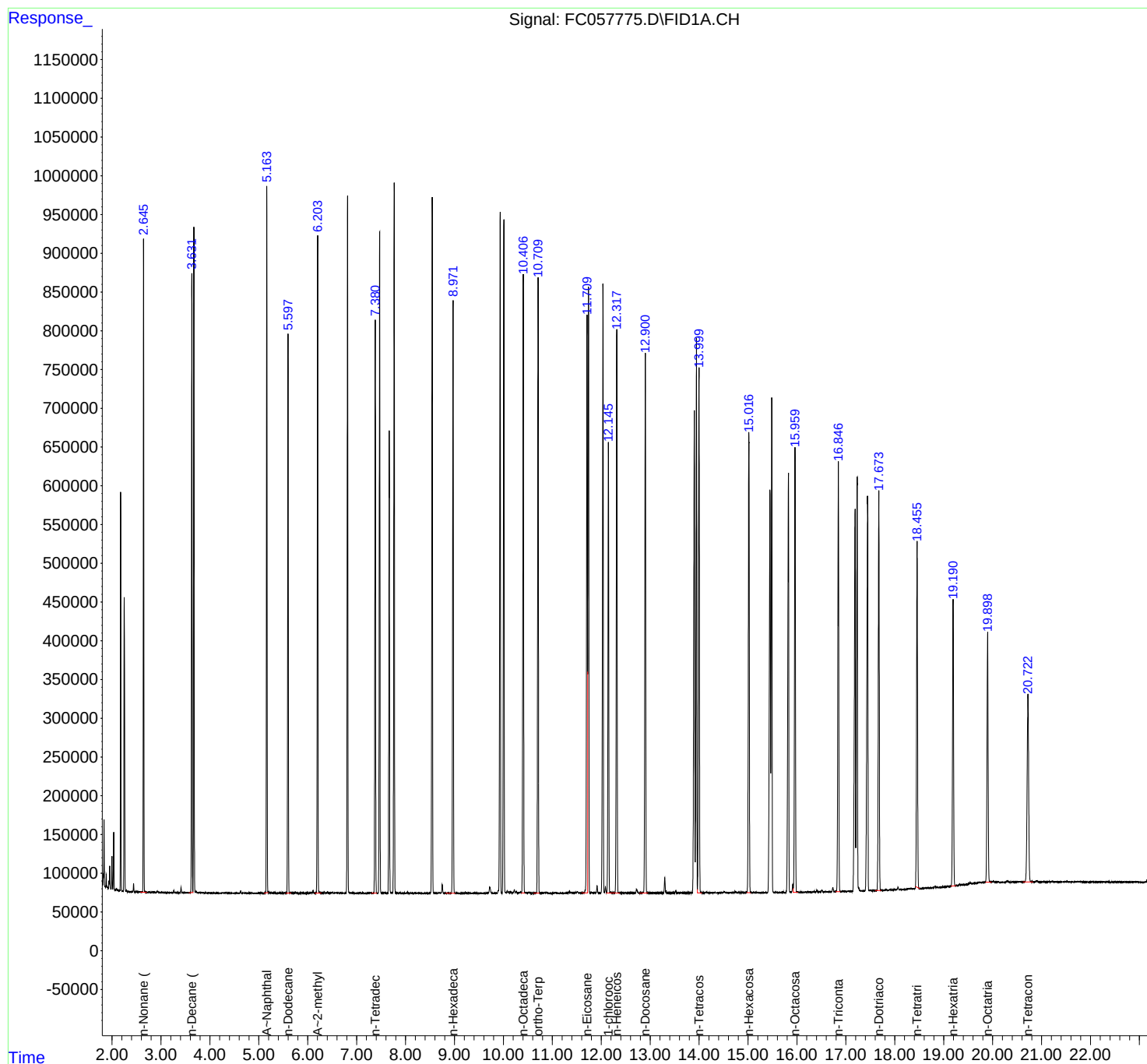
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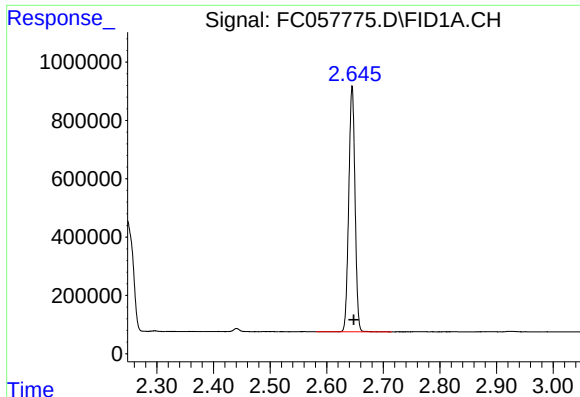
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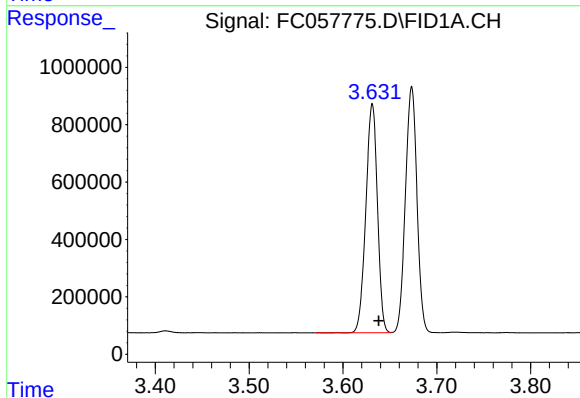
#1 n-Nonane (C9)

R.T.: 2.645 min
Delta R.T.: -0.003 min
Response: 6473041
Conc: 40.48 ug/ml

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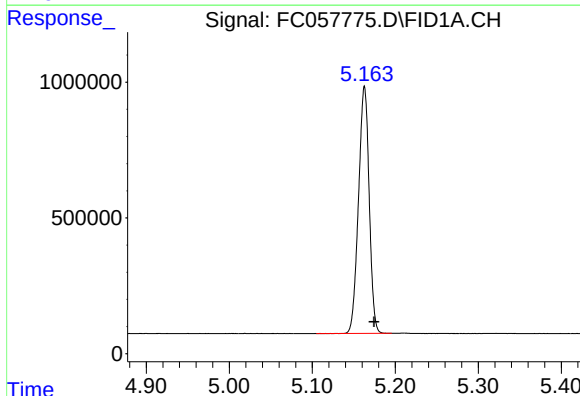
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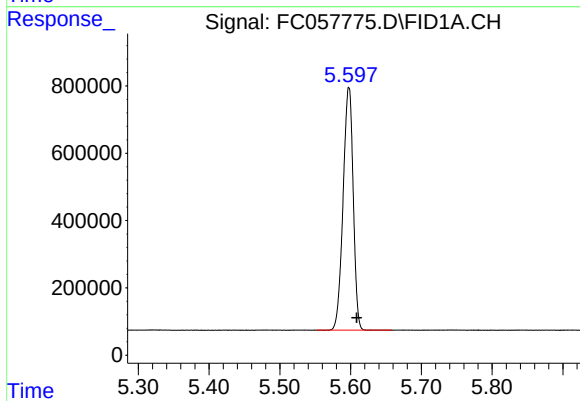
#2 n-Decane (C10)

R.T.: 3.631 min
Delta R.T.: -0.007 min
Response: 6847115
Conc: 42.60 ug/ml



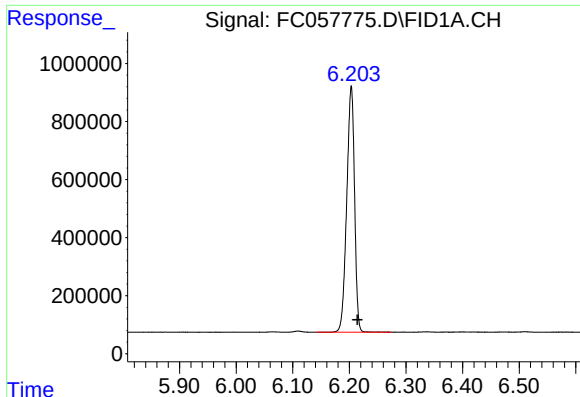
#3 A~Naphthalene (C11.7)

R.T.: 5.163 min
Delta R.T.: -0.012 min
Response: 8127740
Conc: 44.76 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.597 min
Delta R.T.: -0.011 min
Response: 7166410
Conc: 44.44 ug/ml



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

R.T.: 6.203 min
Delta R.T.: -0.011 min
Response: 8132646
Conc: 44.47 ug/ml

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FID_C

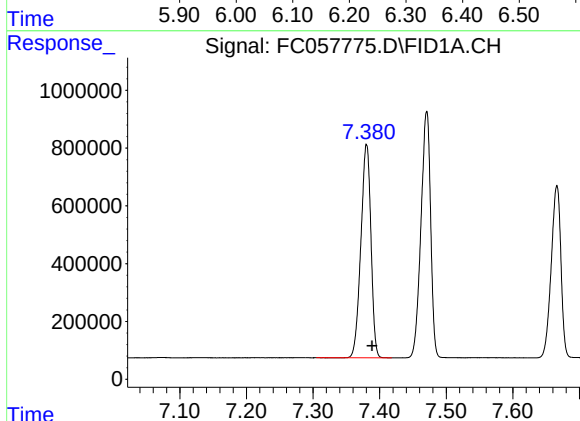
ClientSampleId :

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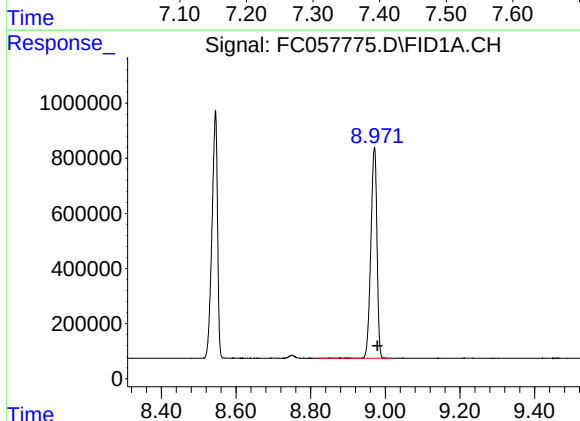
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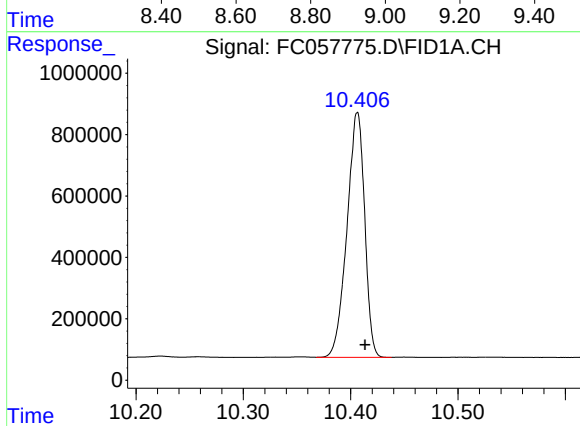
#6 n-Tetradecane (C14)

R.T.: 7.380 min
Delta R.T.: -0.008 min
Response: 7756638
Conc: 46.98 ug/ml



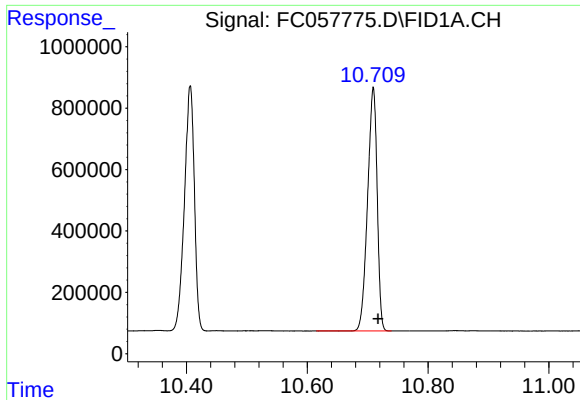
#7 n-Hexadecane (C16)

R.T.: 8.971 min
Delta R.T.: -0.008 min
Response: 8694733
Conc: 52.05 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.406 min
Delta R.T.: -0.007 min
Response: 9131944
Conc: 53.07 ug/ml



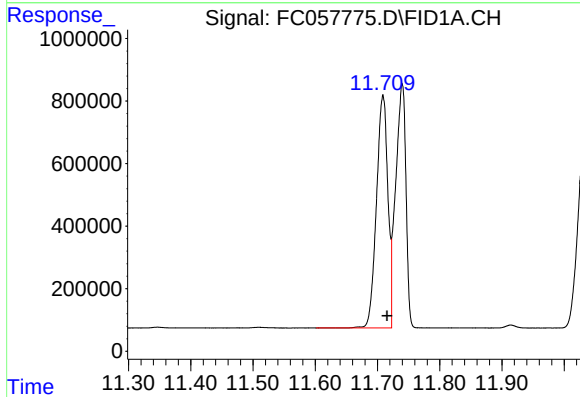
#9 ortho-Terphenyl (SURR)

R.T.: 10.709 min
Delta R.T.: -0.008 min
Response: 8719927
Conc: 45.10 ug/ml

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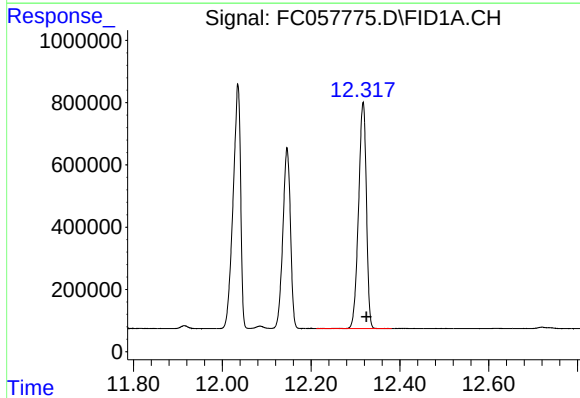
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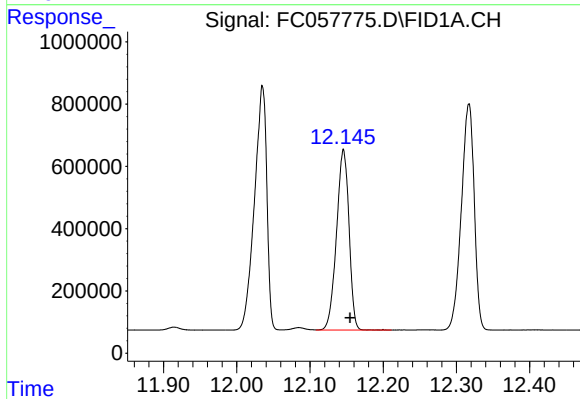
#10 n-Eicosane (C20)

R.T.: 11.709 min
Delta R.T.: -0.007 min
Response: 9451708
Conc: 55.21 ug/ml



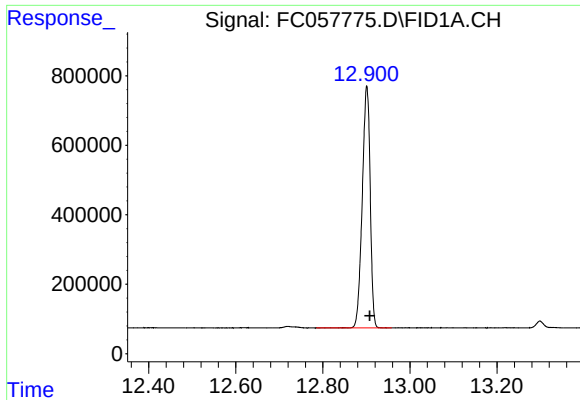
#11 n-Heneicosane (C21)

R.T.: 12.317 min
Delta R.T.: -0.008 min
Response: 8888342
Conc: 51.40 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.146 min
Delta R.T.: -0.009 min
Response: 6868793
Conc: 46.60 ug/ml



#13 n-Docosane (C22)

R.T.: 12.901 min
Delta R.T.: -0.007 min
Response: 8790712
Conc: 50.81 ug/ml

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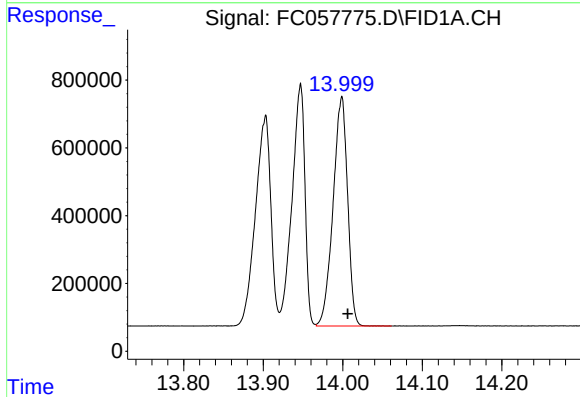
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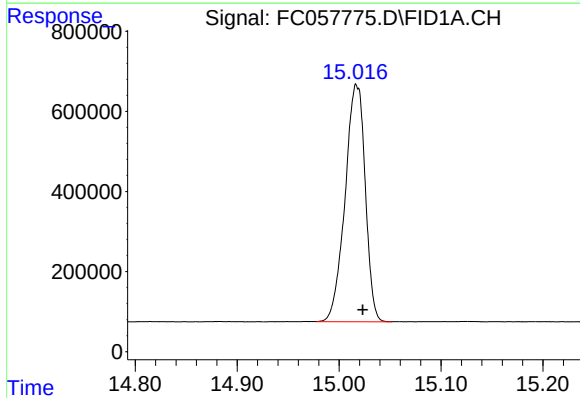
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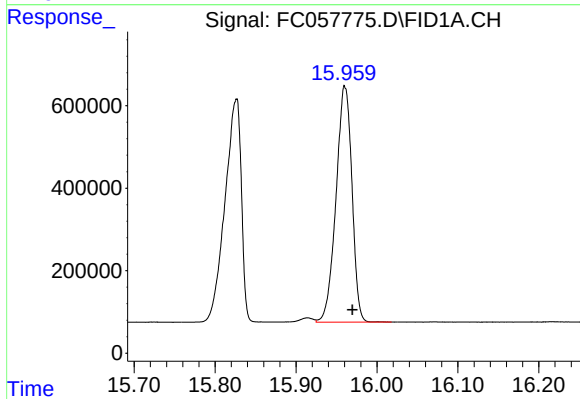
#14 n-Tetracosane (C24)

R.T.: 13.998 min
Delta R.T.: -0.008 min
Response: 8564288
Conc: 49.47 ug/ml



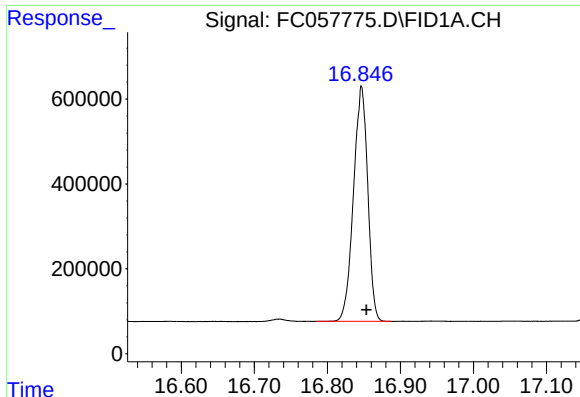
#15 n-Hexacosane (C26)

R.T.: 15.016 min
Delta R.T.: -0.007 min
Response: 8142698
Conc: 48.39 ug/ml m



#16 n-Octacosane (C28)

R.T.: 15.960 min
Delta R.T.: -0.009 min
Response: 7825269
Conc: 47.82 ug/ml



#17 n-Tricontane (C30)

R.T.: 16.847 min
Delta R.T.: -0.007 min
Response: 7510382
Conc: 48.11 ug/ml

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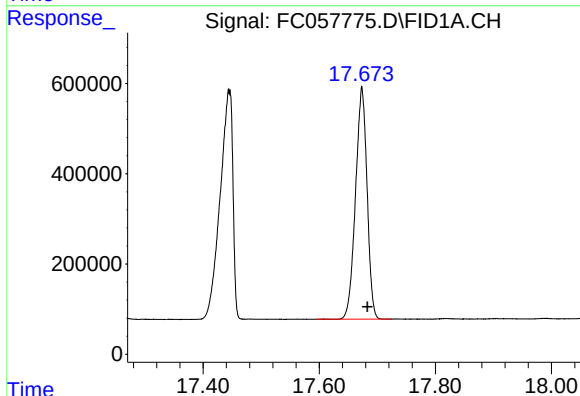
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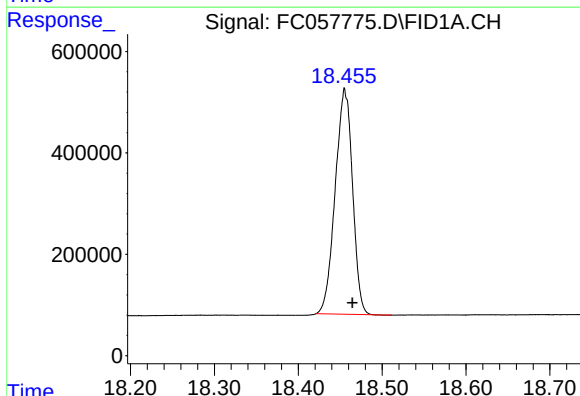
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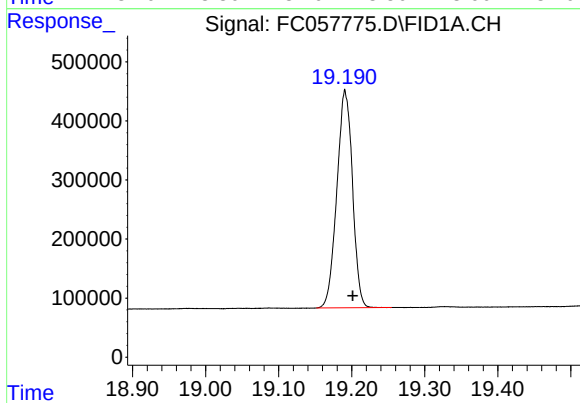
#18 n-Dotriacontane (C32)

R.T.: 17.674 min
Delta R.T.: -0.009 min
Response: 7084881
Conc: 50.82 ug/ml



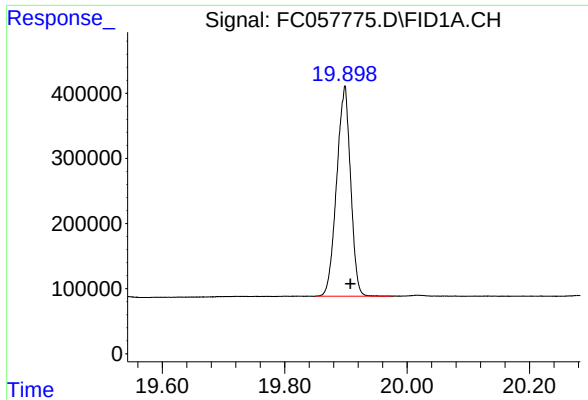
#19 n-Tetratriacontane (C34)

R.T.: 18.456 min
Delta R.T.: -0.009 min
Response: 6378933
Conc: 51.32 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.191 min
Delta R.T.: -0.010 min
Response: 5467560
Conc: 49.18 ug/ml



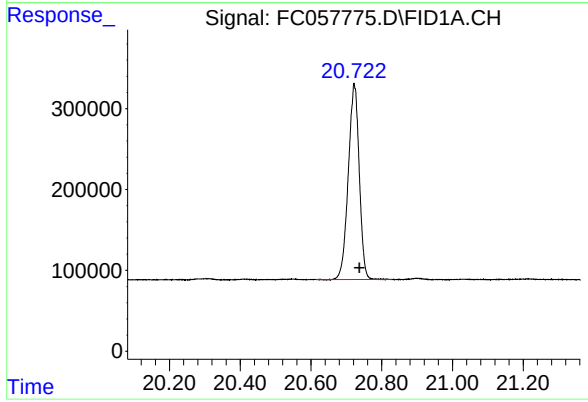
#21 n-Octatriacontane (C38)

R.T.: 19.898 min
Delta R.T.: -0.010 min
Response: 5094141
Conc: 48.83 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.723 min
Delta R.T.: -0.014 min
Response: 5209994
Conc: 54.41 ug/ml