

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030322AL\
 Data File : FC058561.D
 Signal(s) : FID1A.CH
 Acq On : 03 Mar 2022 17:33
 Operator : UA/NP
 Sample : N1717-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

FID_C

Client Sample Id :

ETGI-359MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/04/2022

Supervised By :Ankita Jodhani 03/04/2022

Integration File: sample.E

Quant Time: Mar 04 01:24:32 2022

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022322.M

Quant Title : GC Extractables

QLast Update : Wed Feb 23 17:15:11 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)	11.397	4775428	32.786 ug/ml
Spiked Amount 50.000		Recovery =	65.57%
12) S 1-chlorooctadecane (S...	12.830	3665276	32.336 ug/ml
Spiked Amount 50.000		Recovery =	64.67%
Target Compounds			
1) T n-Nonane (C9)	3.254	2859907	23.782 ug/ml
2) T n-Decane (C10)	4.302	3240530	27.232 ug/ml
3) T A~Naphthalene (C11.7)	5.859	3960162	30.514 ug/mlm
4) T n-Dodecane (C12)	6.294	3839057	31.207 ug/ml
5) T A~2-methylnaphthalene...	6.905	4194407	32.173 ug/ml
6) T n-Tetradecane (C14)	8.074	4536880	36.206 ug/ml
7) T n-Hexadecane (C16)	9.660	4793626	37.224 ug/ml
8) T n-Octadecane (C18)	11.091	4894068	37.191 ug/ml
10) T n-Eicosane (C20)	12.391	4786071	36.397 ug/ml
11) T n-Heneicosane (C21)	12.999	4798032	36.305 ug/ml
13) T n-Docosane (C22)	13.582	4747195	36.413 ug/ml
14) T n-Tetracosane (C24)	14.679	4654404	36.043 ug/ml
15) T n-Hexacosane (C26)	15.697	4421917	35.747 ug/mlm
16) T n-Octacosane (C28)	16.641	4422018	37.149 ug/mlm
17) T n-Tricontane (C30)	17.526	4668212	41.472 ug/ml
18) T n-Dotriacontane (C32)	18.353	4307688	40.060 ug/mlm
19) T n-Tetratriacontane (C34)	19.135	4527382	46.727 ug/ml
20) T n-Hexatriacontane (C36)	19.873	4101518	45.463 ug/ml
21) T n-Octatriacontane (C38)	20.580	3808330	43.762 ug/ml
22) T n-Tetracontane (C40)	21.410	3841032	45.772 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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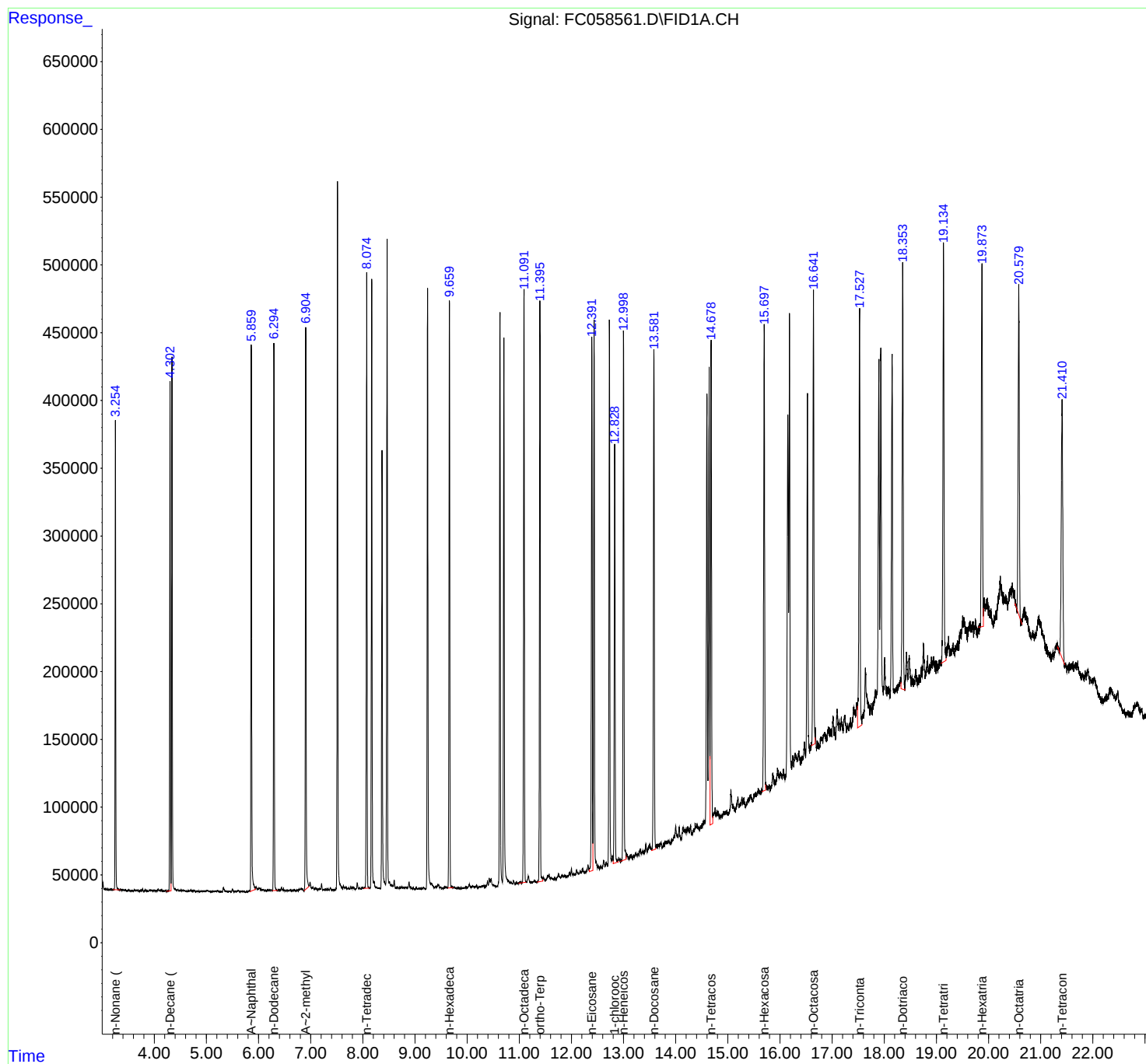
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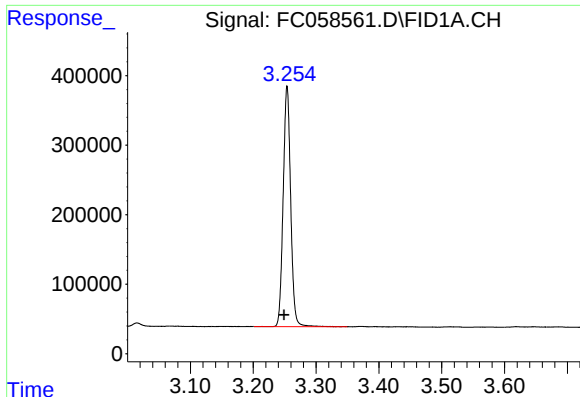
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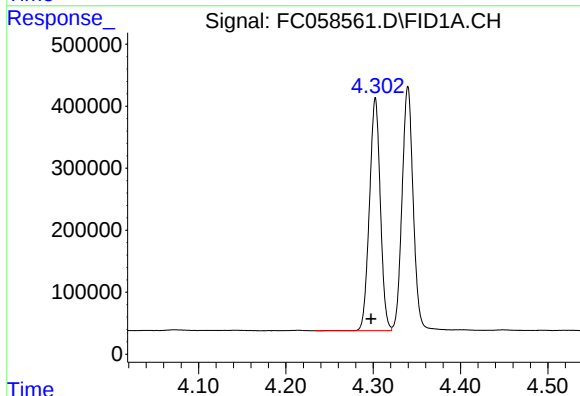
#1 n-Nonane (C9)

R.T.: 3.254 min
Delta R.T.: 0.005 min
Response: 2859907
Conc: 23.78 ug/ml

Instrument :
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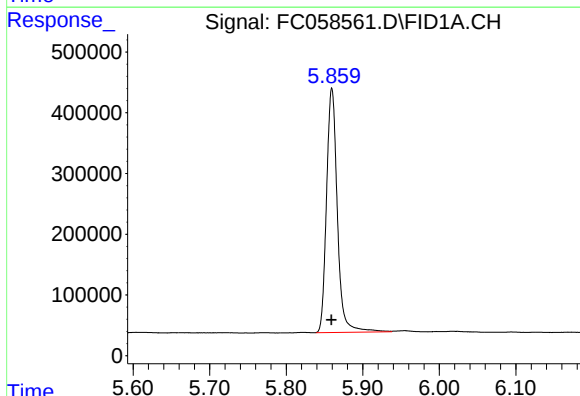
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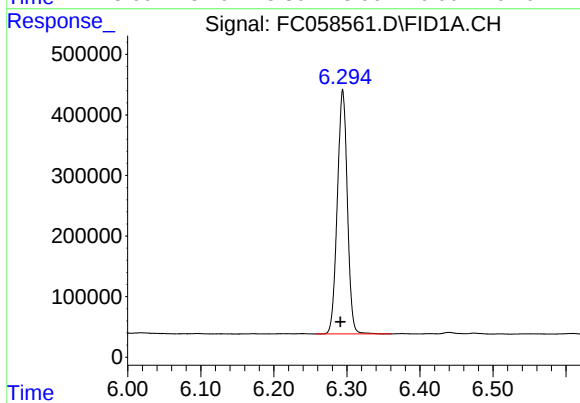
#2 n-Decane (C10)

R.T.: 4.302 min
Delta R.T.: 0.005 min
Response: 3240530
Conc: 27.23 ug/ml



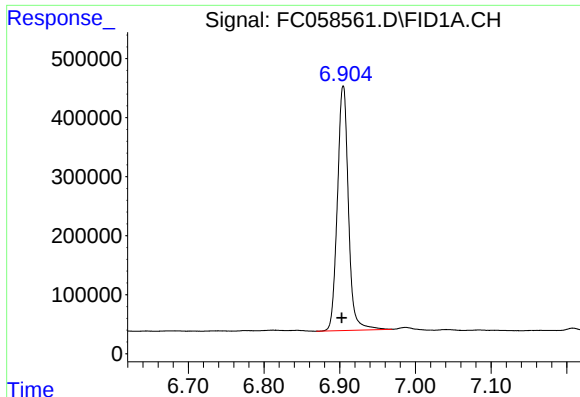
#3 A~Naphthalene (C11.7)

R.T.: 5.859 min
Delta R.T.: 0.000 min
Response: 3960162
Conc: 30.51 ug/ml m



#4 n-Dodecane (C12)

R.T.: 6.294 min
Delta R.T.: 0.003 min
Response: 3839057
Conc: 31.21 ug/ml



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

R.T.: 6.905 min
Delta R.T.: 0.002 min
Response: 4194407
Conc: 32.17 ug/ml

Instrument :

FID_C

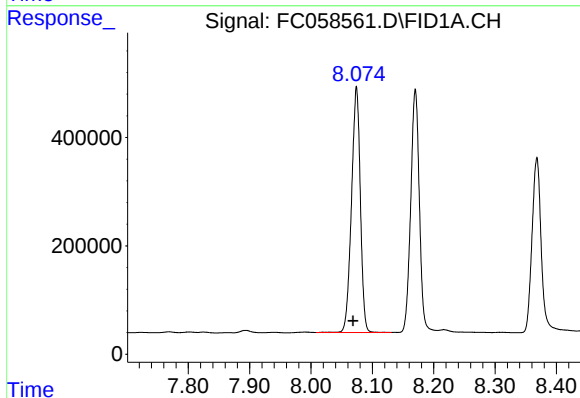
ClientSampleId :

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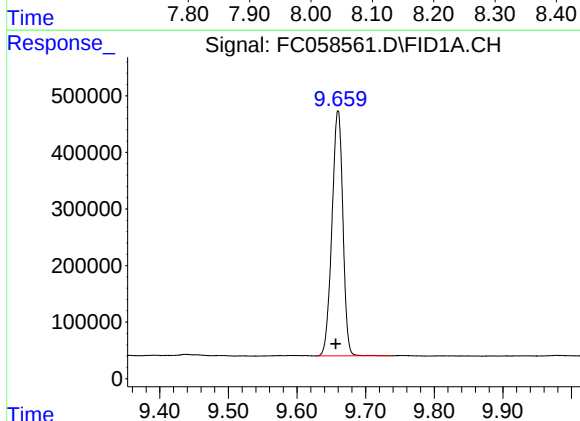
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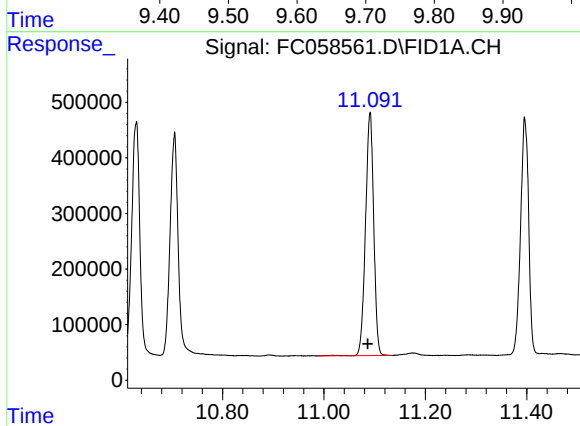
#6 n-Tetradecane (C14)

R.T.: 8.074 min
Delta R.T.: 0.005 min
Response: 4536880
Conc: 36.21 ug/ml



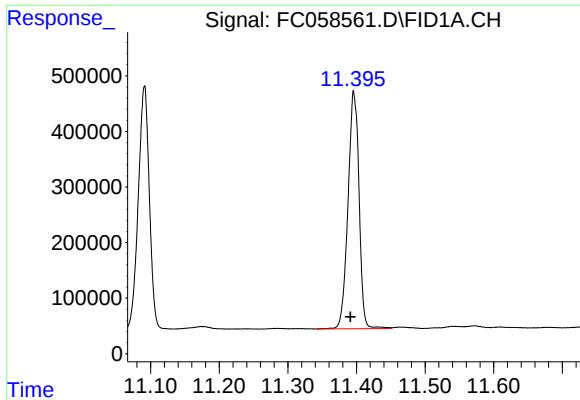
#7 n-Hexadecane (C16)

R.T.: 9.660 min
Delta R.T.: 0.003 min
Response: 4793626
Conc: 37.22 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.091 min
Delta R.T.: 0.004 min
Response: 4894068
Conc: 37.19 ug/ml



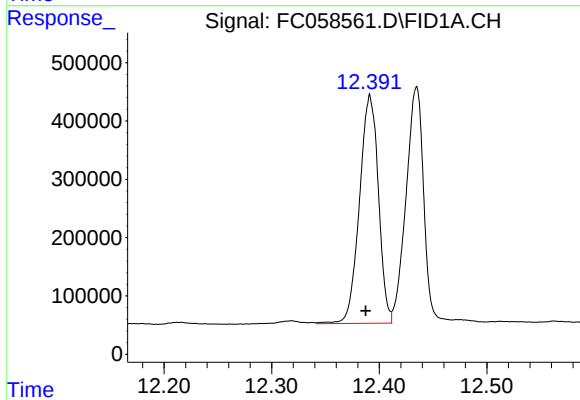
#9 ortho-Terphenyl (SURR)

R.T.: 11.397 min
Delta R.T.: 0.005 min
Response: 4775428
Conc: 32.79 ug/ml

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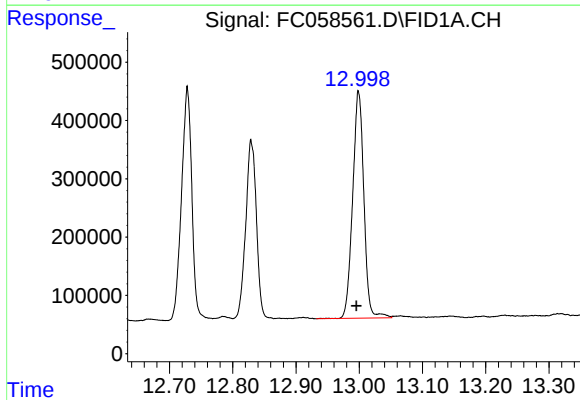
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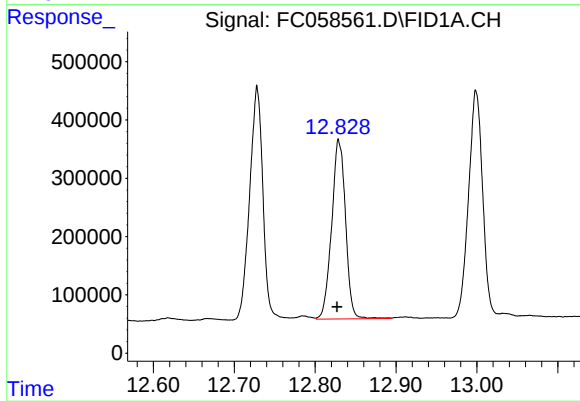
#10 n-Eicosane (C20)

R.T.: 12.391 min
Delta R.T.: 0.004 min
Response: 4786071
Conc: 36.40 ug/ml



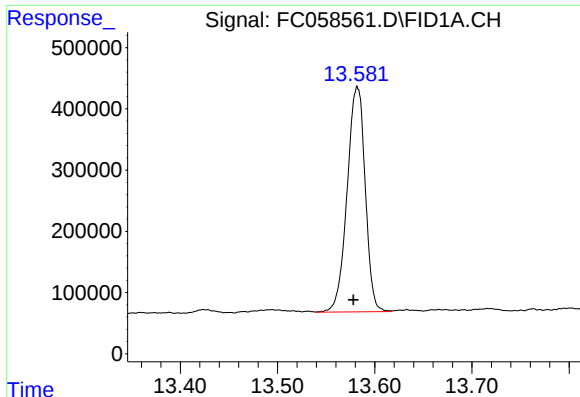
#11 n-Heneicosane (C21)

R.T.: 12.999 min
Delta R.T.: 0.004 min
Response: 4798032
Conc: 36.31 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.830 min
Delta R.T.: 0.003 min
Response: 3665276
Conc: 32.34 ug/ml



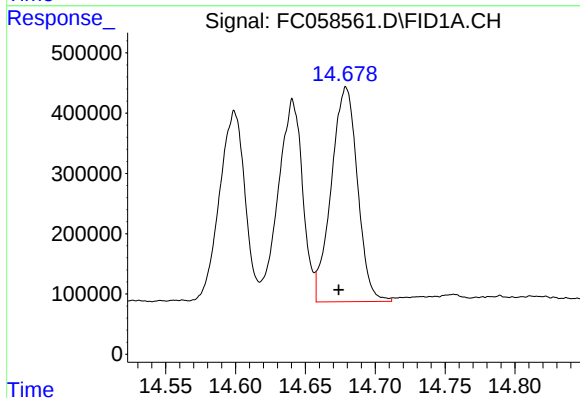
#13 n-Docosane (C22)

R.T.: 13.582 min
Delta R.T.: 0.004 min
Response: 4747195
Conc: 36.41 ug/ml

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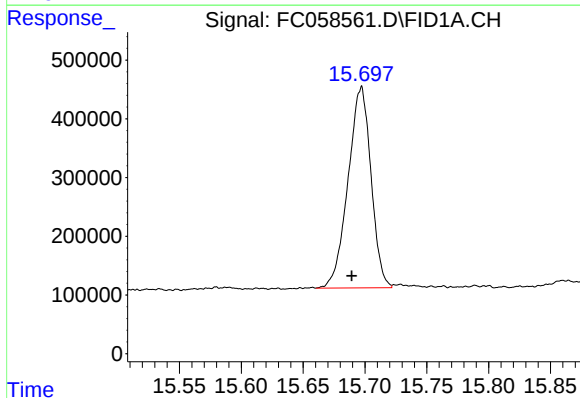
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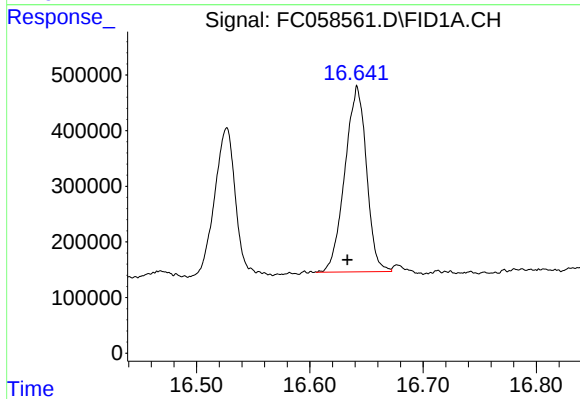
#14 n-Tetracosane (C24)

R.T.: 14.679 min
Delta R.T.: 0.005 min
Response: 4654404
Conc: 36.04 ug/ml



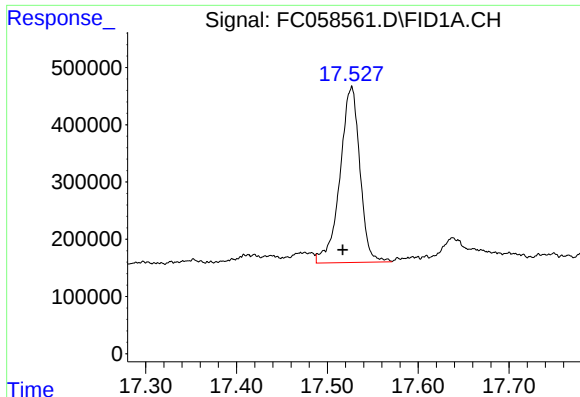
#15 n-Hexacosane (C26)

R.T.: 15.697 min
Delta R.T.: 0.008 min
Response: 4421917
Conc: 35.75 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.641 min
Delta R.T.: 0.008 min
Response: 4422018
Conc: 37.15 ug/ml m



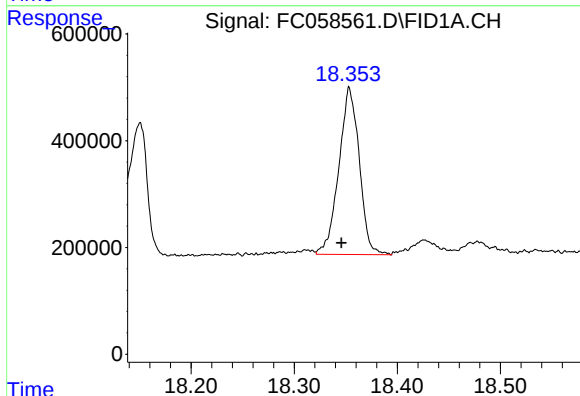
#17 n-Tricontane (C30)

R.T.: 17.526 min
Delta R.T.: 0.009 min
Response: 4668212
Conc: 41.47 ug/ml

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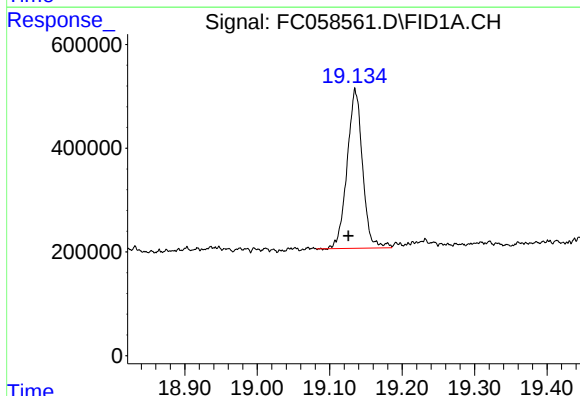
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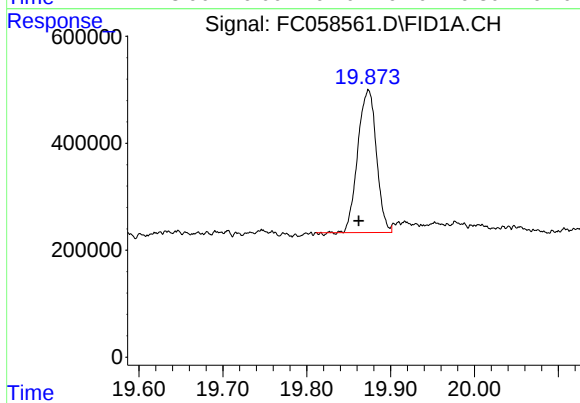
#18 n-Dotriacontane (C32)

R.T.: 18.353 min
Delta R.T.: 0.007 min
Response: 4307688
Conc: 40.06 ug/ml m



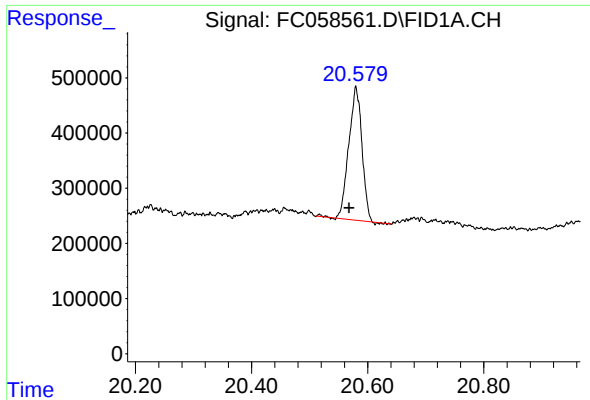
#19 n-Tetratriacontane (C34)

R.T.: 19.135 min
Delta R.T.: 0.010 min
Response: 4527382
Conc: 46.73 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.873 min
Delta R.T.: 0.011 min
Response: 4101518
Conc: 45.46 ug/ml



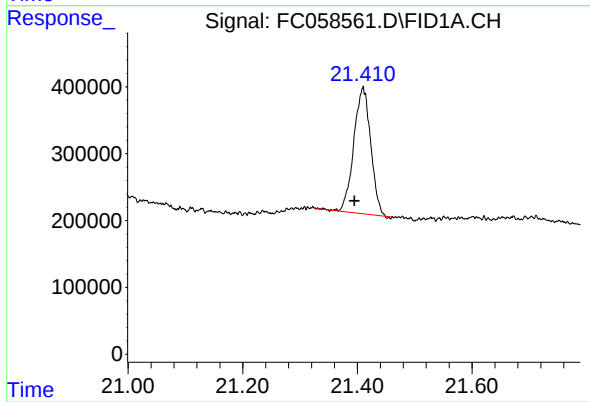
#21 n-Octatriacontane (C38)

R.T.: 20.580 min
Delta R.T.: 0.012 min
Response: 3808330
Conc: 43.76 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.410 min
Delta R.T.: 0.015 min
Response: 3841032
Conc: 45.77 ug/ml