

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041322AL\
 Data File : FC059202.D
 Signal(s) : FID1A.CH
 Acq On : 13 Apr 2022 19:19
 Operator : UA/NP
 Sample : N2369-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 EMERSON-SCHOOL-STOCK-PILEMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/14/2022
 Supervised By :mohammad ahmed 04/18/2022

Integration File: autoint1.e
 Quant Time: Apr 14 03:07:13 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032522.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 25 23:18:46 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)	11.103	5374967	37.305 ug/ml
Spiked Amount 50.000		Recovery =	74.61%
12) S 1-chlorooctadecane (S...	12.551	4108606	36.653 ug/mlm
Spiked Amount 50.000		Recovery =	73.31%
Target Compounds			
1) T n-Nonane (C9)	2.967	3585135	29.255 ug/ml
2) T n-Decane (C10)	4.008	4077477	33.273 ug/ml
3) T A~Naphthalene (C11.7)	5.553	4544019	36.192 ug/ml
4) T n-Dodecane (C12)	6.004	4493163	35.178 ug/ml
5) T A~2-methylnaphthalene...	6.601	4695186	36.624 ug/ml
6) T n-Tetradecane (C14)	7.787	4728909	36.370 ug/mlm
7) T n-Hexadecane (C16)	9.377	5075885	38.224 ug/ml
8) T n-Octadecane (C18)	10.811	5479688	41.214 ug/mlm
10) T n-Eicosane (C20)	12.114	5499547	41.974 ug/mlm
11) T n-Heneicosane (C21)	12.723	5248867	40.228 ug/ml
13) T n-Docosane (C22)	13.306	5202132	40.157 ug/ml
14) T n-Tetracosane (C24)	14.404	5382644	42.610 ug/mlm
15) T n-Hexacosane (C26)	15.422	4958149	41.047 ug/ml
16) T n-Octacosane (C28)	16.366	4785593	40.415 ug/mlm
17) T n-Tricontane (C30)	17.252	4714992	41.332 ug/mlm
18) T n-Dotriacontane (C32)	18.077	4758477	44.418 ug/mlm
19) T n-Tetratriacontane (C34)	18.859	4529909	44.834 ug/ml
20) T n-Hexatriacontane (C36)	19.595	4211630	44.078 ug/ml
21) T n-Octatriacontane (C38)	20.295	3933321	42.745 ug/ml
22) T n-Tetracontane (C40)	21.038	3789236	40.771 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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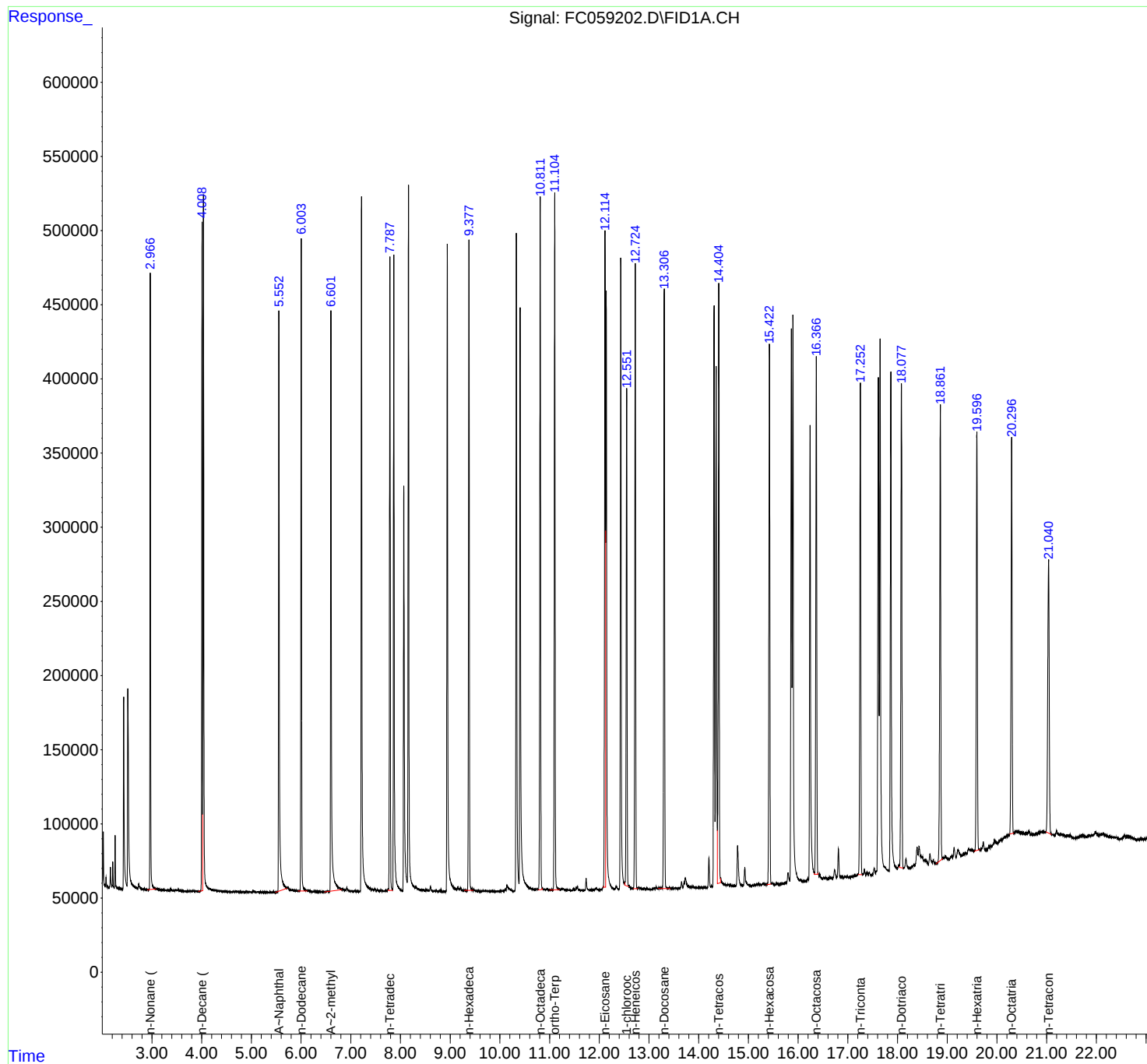
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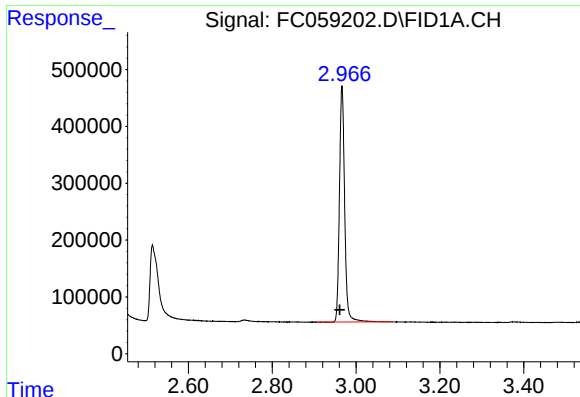
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#1 n-Nonane (C9)

R.T.: 2.967 min
Delta R.T.: 0.006 min
Response: 3585135
Conc: 29.26 ug/ml

Instrument :

FID_C

ClientSampleId :

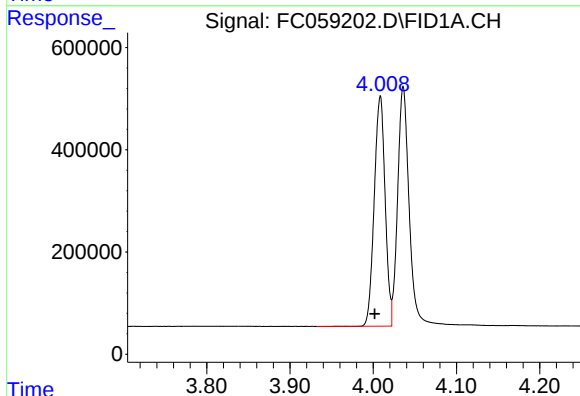
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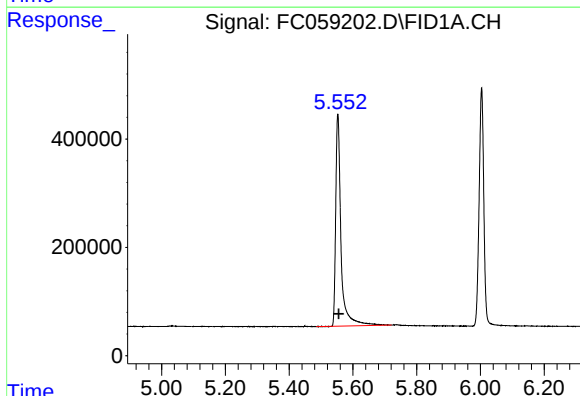
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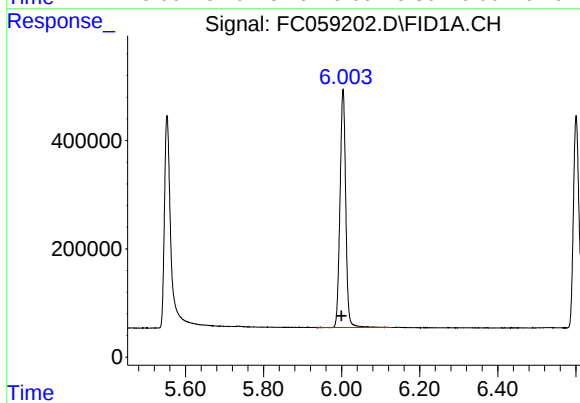
#2 n-Decane (C10)

R.T.: 4.008 min
Delta R.T.: 0.006 min
Response: 4077477
Conc: 33.27 ug/ml



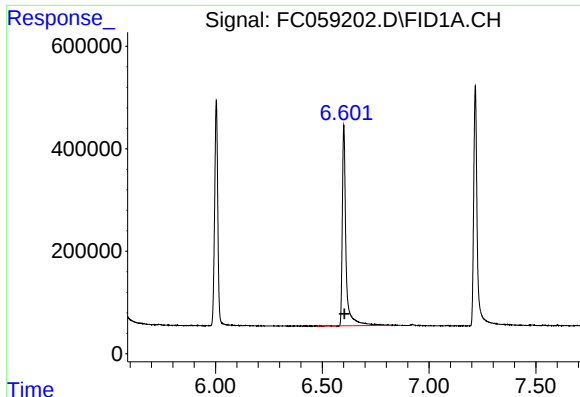
#3 A~Naphthalene (C11.7)

R.T.: 5.553 min
Delta R.T.: -0.002 min
Response: 4544019
Conc: 36.19 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.004 min
Delta R.T.: 0.004 min
Response: 4493163
Conc: 35.18 ug/ml



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

R.T.: 6.601 min
Delta R.T.: -0.002 min
Response: 4695186
Conc: 36.62 ug/ml

Instrument :

FID_C

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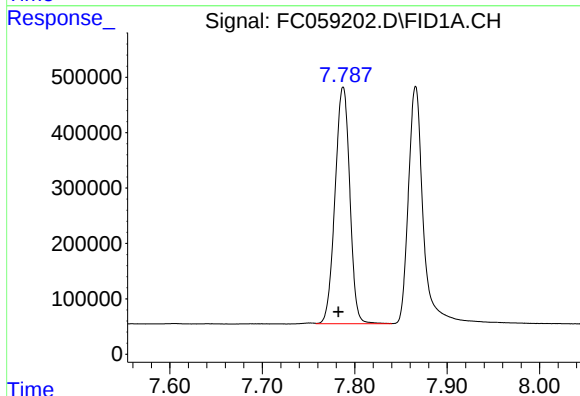
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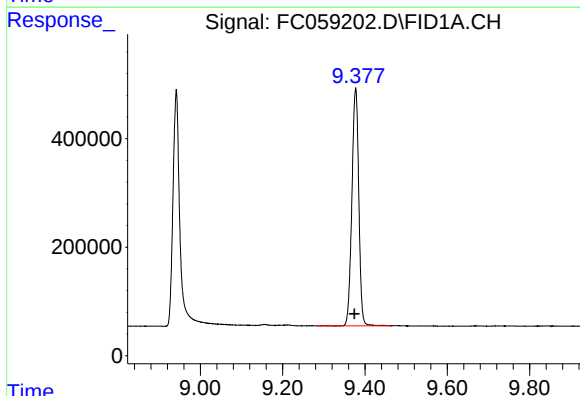
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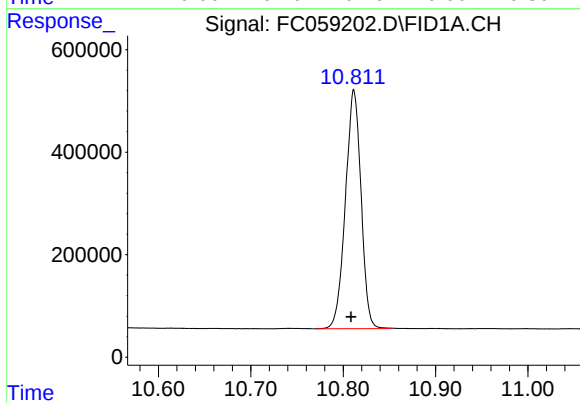
#6 n-Tetradecane (C14)

R.T.: 7.787 min
Delta R.T.: 0.005 min
Response: 4728909
Conc: 36.37 ug/ml m



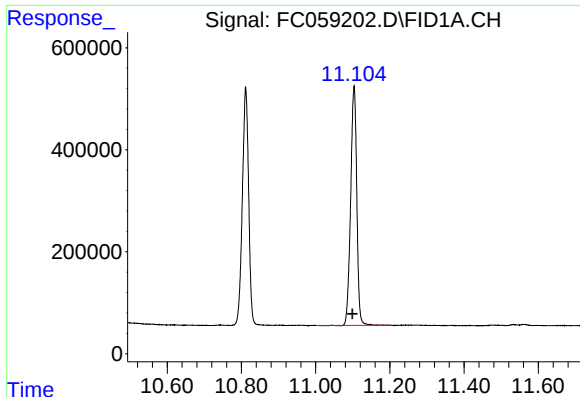
#7 n-Hexadecane (C16)

R.T.: 9.377 min
Delta R.T.: 0.002 min
Response: 5075885
Conc: 38.22 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.811 min
Delta R.T.: 0.002 min
Response: 5479688
Conc: 41.21 ug/ml m



#9 ortho-Terphenyl (SURR)

R.T.: 11.103 min
Delta R.T.: 0.004 min
Response: 5374967
Conc: 37.30 ug/ml

Instrument :

FID_C

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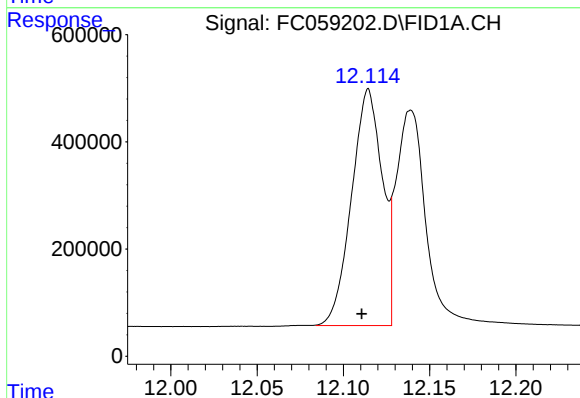
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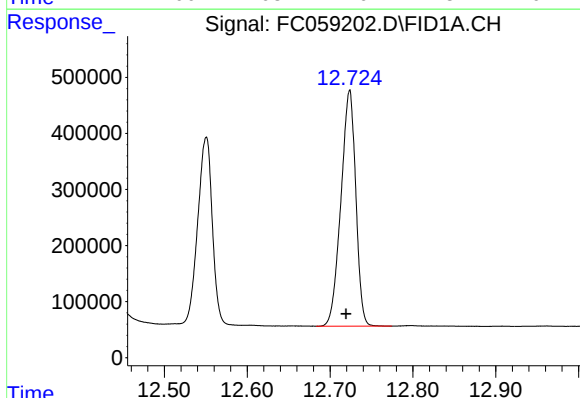
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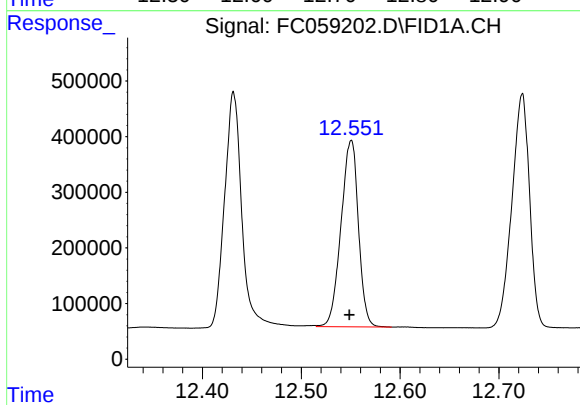
#10 n-Eicosane (C20)

R.T.: 12.114 min
Delta R.T.: 0.004 min
Response: 5499547
Conc: 41.97 ug/ml m



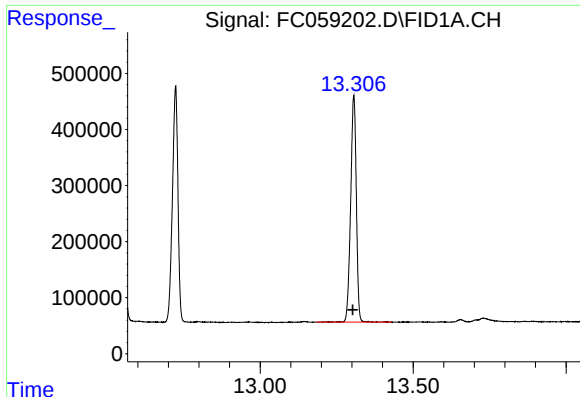
#11 n-Heneicosane (C21)

R.T.: 12.723 min
Delta R.T.: 0.003 min
Response: 5248867
Conc: 40.23 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.551 min
Delta R.T.: 0.002 min
Response: 4108606
Conc: 36.65 ug/ml m



#13 n-Docosane (C22)

R.T.: 13.306 min
Delta R.T.: 0.003 min
Response: 5202132
Conc: 40.16 ug/ml

Instrument :

FID_C

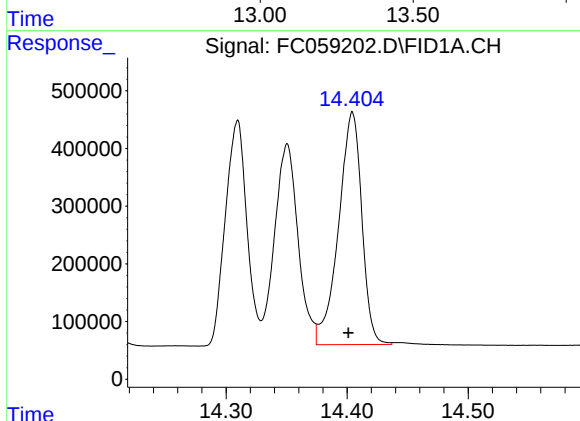
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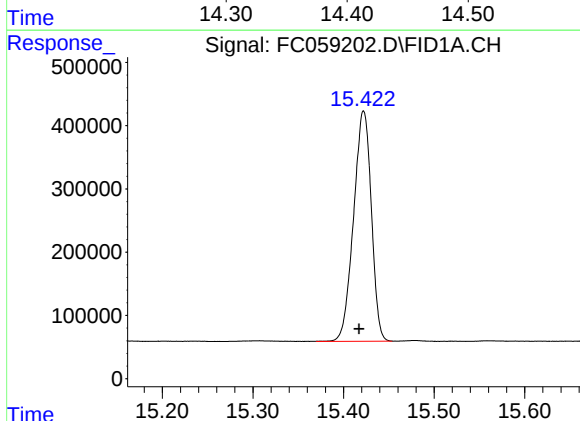
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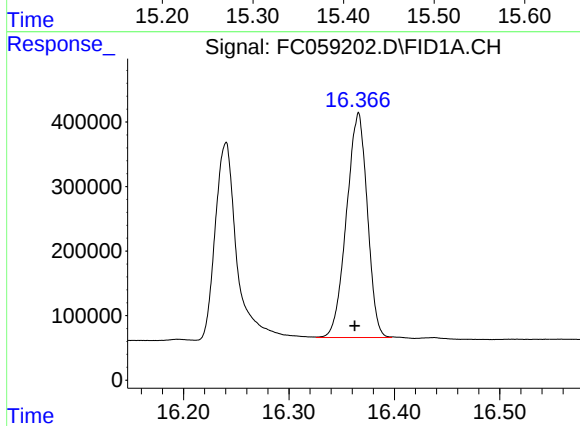
#14 n-Tetracosane (C24)

R.T.: 14.404 min
Delta R.T.: 0.003 min
Response: 5382644
Conc: 42.61 ug/ml m



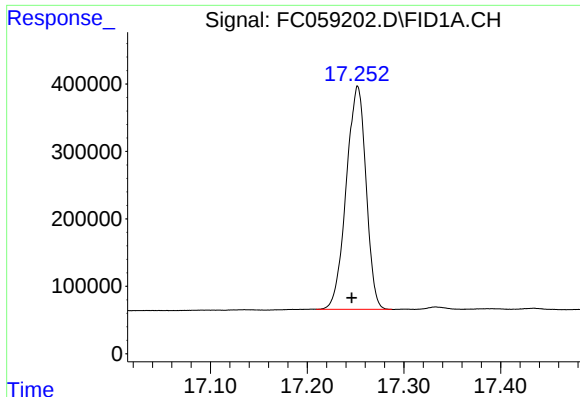
#15 n-Hexacosane (C26)

R.T.: 15.422 min
Delta R.T.: 0.005 min
Response: 4958149
Conc: 41.05 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.366 min
Delta R.T.: 0.003 min
Response: 4785593
Conc: 40.41 ug/ml m



#17 n-Tricontane (C30)

R.T.: 17.252 min
Delta R.T.: 0.006 min
Response: 4714992
Conc: 41.33 ug/ml

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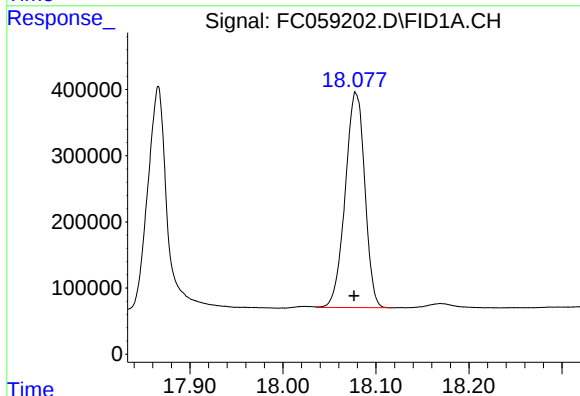
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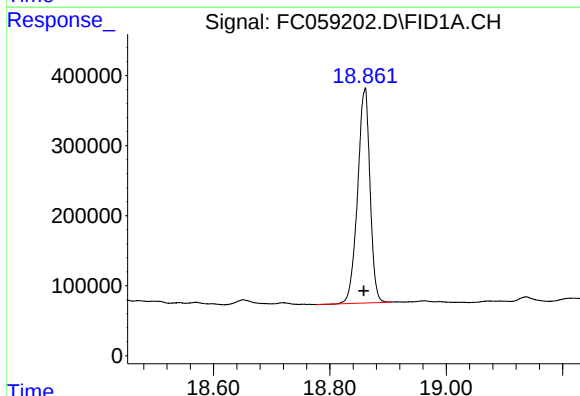
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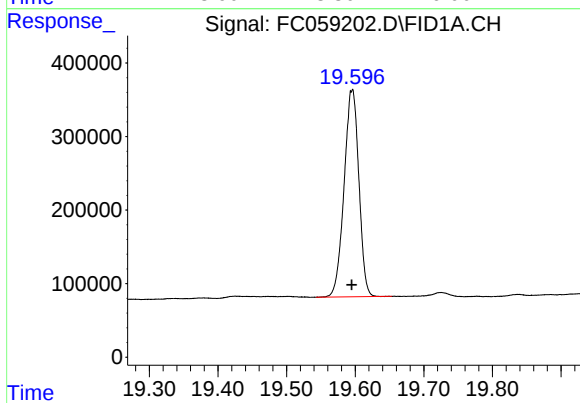
#18 n-Dotriacontane (C32)

R.T.: 18.077 min
Delta R.T.: 0.000 min
Response: 4758477
Conc: 44.42 ug/ml m



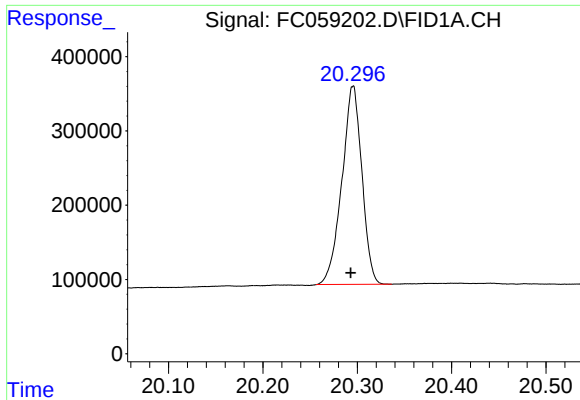
#19 n-Tetratriacontane (C34)

R.T.: 18.859 min
Delta R.T.: 0.001 min
Response: 4529909
Conc: 44.83 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.595 min
Delta R.T.: 0.000 min
Response: 4211630
Conc: 44.08 ug/ml



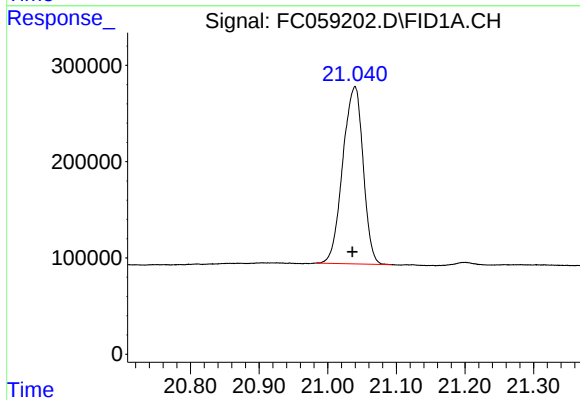
#21 n-Octatriacontane (C38)

R.T.: 20.295 min
Delta R.T.: 0.002 min
Response: 3933321
Conc: 42.74 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.038 min
Delta R.T.: 0.002 min
Response: 3789236
Conc: 40.77 ug/ml