

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041322AL\
 Data File : FC059236.D
 Signal(s) : FID1A.CH
 Acq On : 14 Apr 2022 19:51
 Operator : UA/NP
 Sample : PB144109BSD
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB144109BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/15/2022
 Supervised By :mohammad ahmed 04/18/2022

Integration File: autoint1.e
 Quant Time: Apr 15 02:28:49 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)	11.104	5995565	41.612 ug/ml
Spiked Amount 50.000		Recovery =	83.22%
12) S 1-chlorooctadecane (S...	12.550	4815966	42.964 ug/ml
Spiked Amount 50.000		Recovery =	85.93%
Target Compounds			
1) T n-Nonane (C9)	2.986	5217900	42.579 ug/ml
2) T n-Decane (C10)	4.017	5403191	44.092 ug/ml
3) T A~Naphthalene (C11.7)	5.556	5929456	47.226 ug/ml
4) T n-Dodecane (C12)	6.005	5586640	43.739 ug/ml
5) T A~2-methylnaphthalene...	6.602	5669890	44.228 ug/ml
6) T n-Tetradecane (C14)	7.787	5582899	42.938 ug/ml
7) T n-Hexadecane (C16)	9.377	5611345	42.257 ug/ml
8) T n-Octadecane (C18)	10.812	5761964	43.338 ug/ml
10) T n-Eicosane (C20)	12.115	5397156	41.192 ug/mlm
11) T n-Heneicosane (C21)	12.721	5450588	41.774 ug/ml
13) T n-Docosane (C22)	13.305	5397732	41.667 ug/ml
14) T n-Tetracosane (C24)	14.402	5914858	46.823 ug/ml
15) T n-Hexacosane (C26)	15.421	5274072	43.662 ug/mlm
16) T n-Octacosane (C28)	16.365	5345516	45.143 ug/ml
17) T n-Tricontane (C30)	17.251	5135246	45.016 ug/ml
18) T n-Dotriacontane (C32)	18.077	5136964	47.951 ug/ml
19) T n-Tetratriacontane (C34)	18.858	4545297	44.987 ug/mlm
20) T n-Hexatriacontane (C36)	19.595	3938670	41.222 ug/ml
21) T n-Octatriacontane (C38)	20.293	3260691	35.435 ug/ml
22) T n-Tetracontane (C40)	21.037	2808221	30.216 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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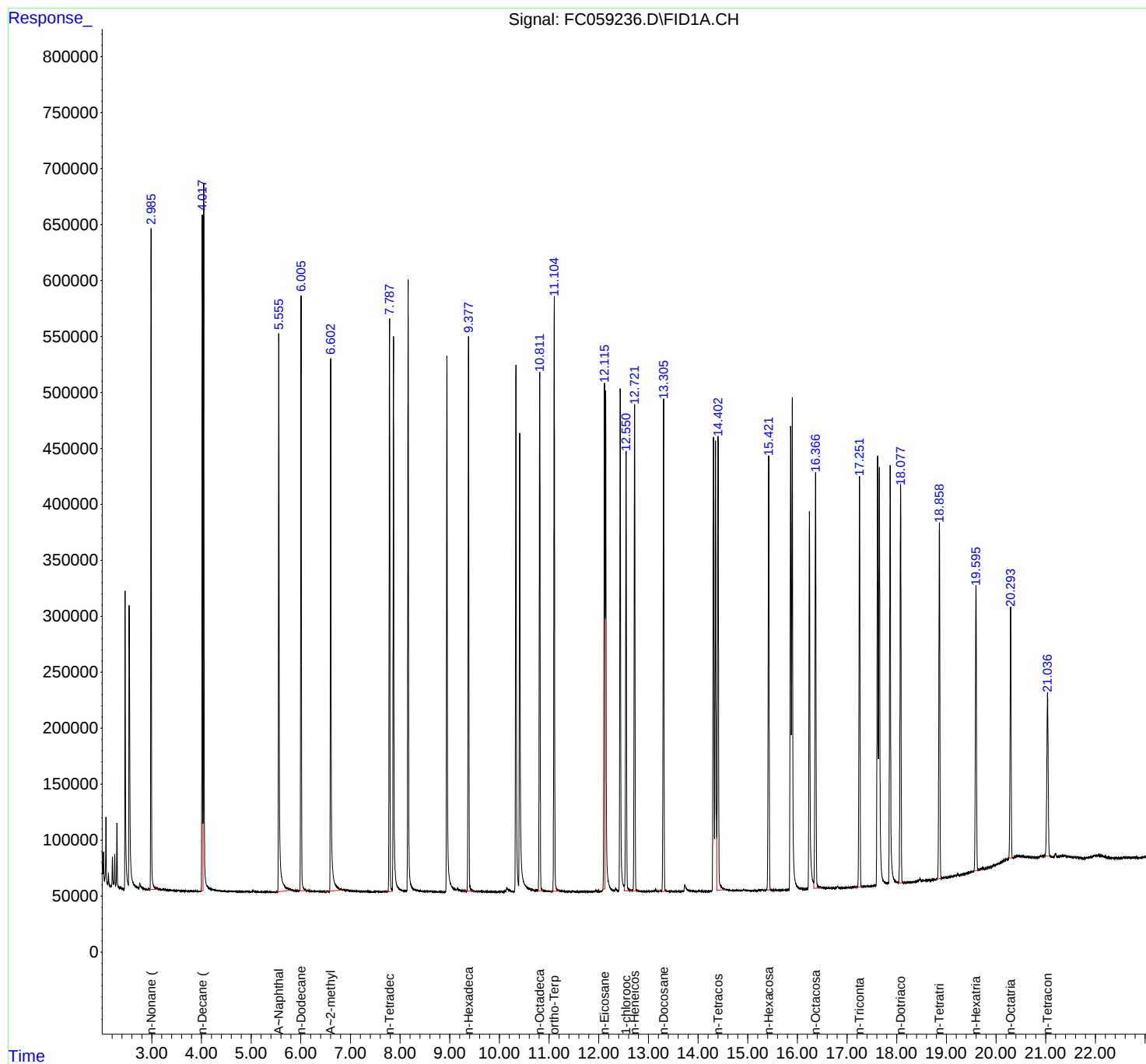
Instrument :
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PB144109BSD

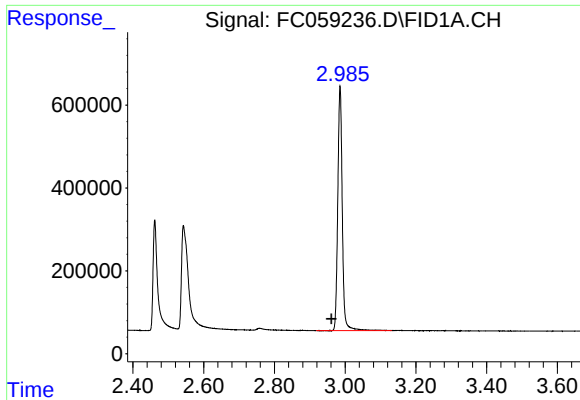
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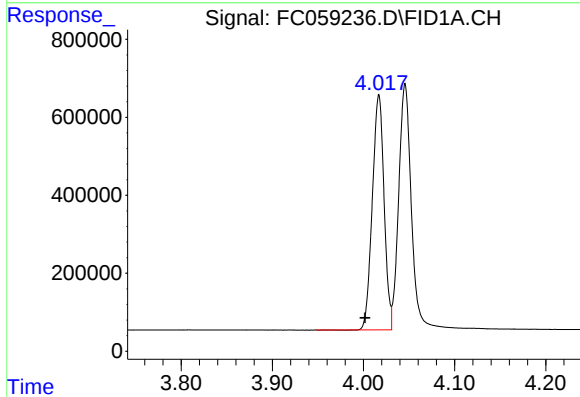
#1 n-Nonane (C9)

R.T.: 2.986 min
Delta R.T.: 0.025 min
Response: 5217900
Conc: 42.58 ug/ml

Instrument :
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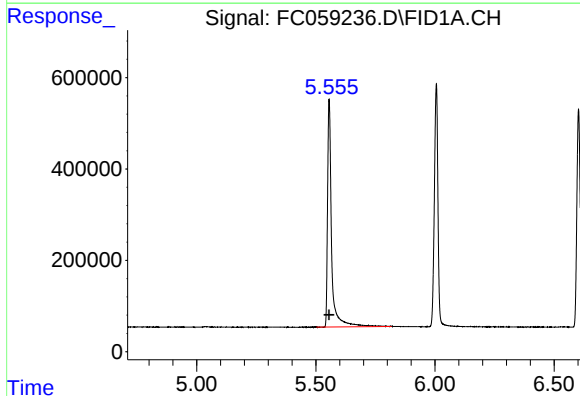
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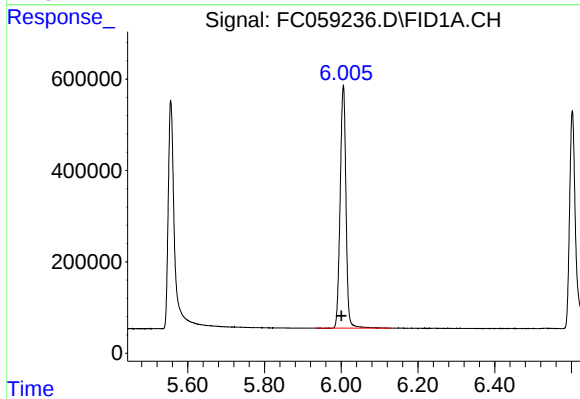
#2 n-Decane (C10)

R.T.: 4.017 min
Delta R.T.: 0.015 min
Response: 5403191
Conc: 44.09 ug/ml



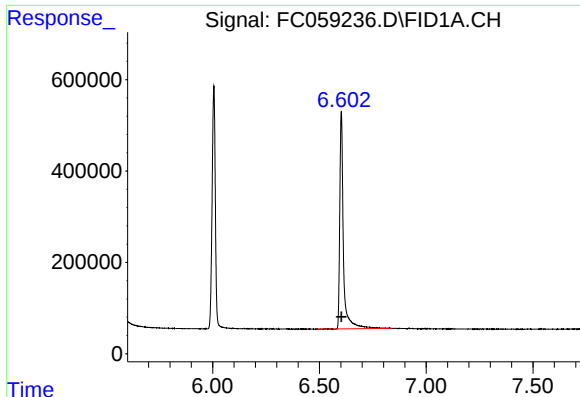
#3 A~Naphthalene (C11.7)

R.T.: 5.556 min
Delta R.T.: 0.000 min
Response: 5929456
Conc: 47.23 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.005 min
Delta R.T.: 0.005 min
Response: 5586640
Conc: 43.74 ug/ml



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

R.T.: 6.602 min
Delta R.T.: 0.000 min
Response: 5669890
Conc: 44.23 ug/ml

Instrument :

FID_C

ClientSampleId :

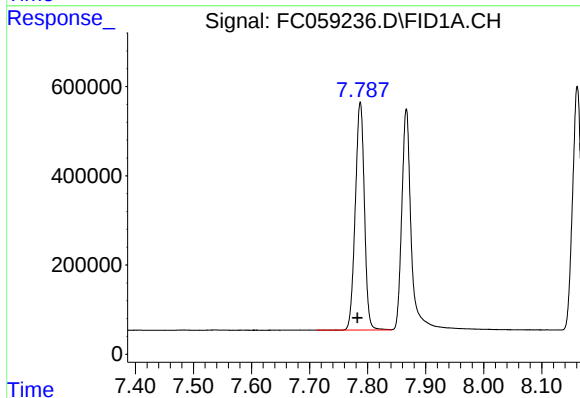
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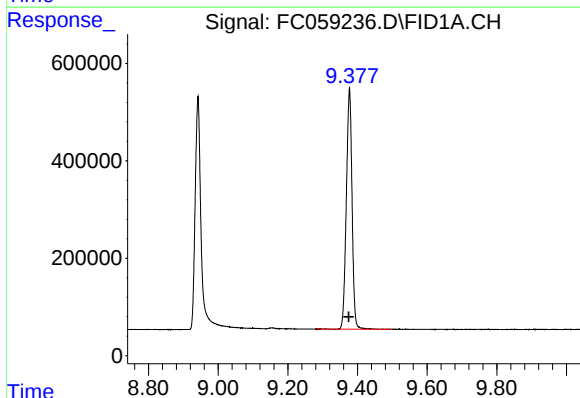
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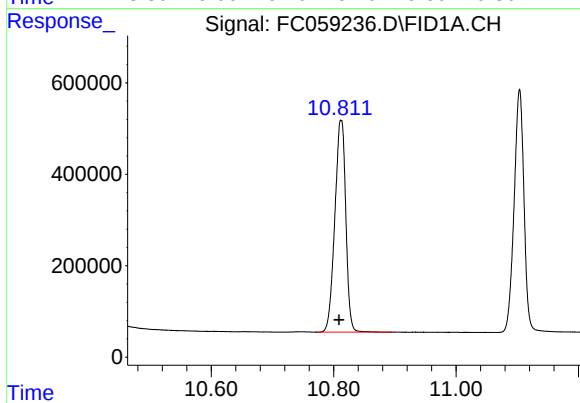
#6 n-Tetradecane (C14)

R.T.: 7.787 min
Delta R.T.: 0.005 min
Response: 5582899
Conc: 42.94 ug/ml



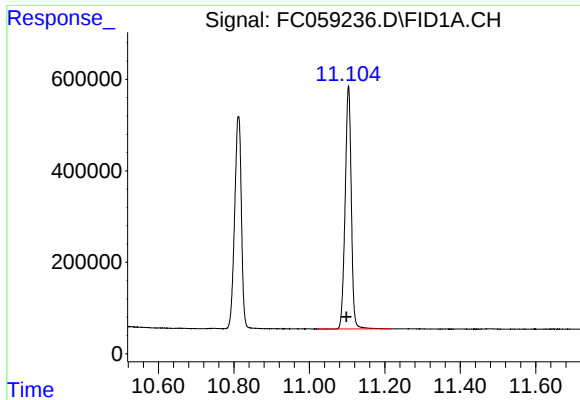
#7 n-Hexadecane (C16)

R.T.: 9.377 min
Delta R.T.: 0.002 min
Response: 5611345
Conc: 42.26 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.812 min
Delta R.T.: 0.003 min
Response: 5761964
Conc: 43.34 ug/ml



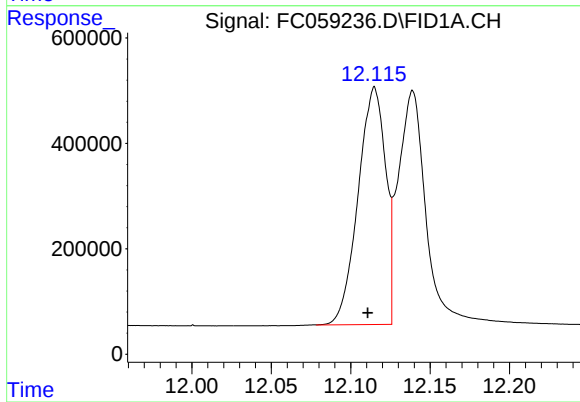
#9 ortho-Terphenyl (SURR)

R.T.: 11.104 min
Delta R.T.: 0.005 min
Response: 5995565
Conc: 41.61 ug/ml

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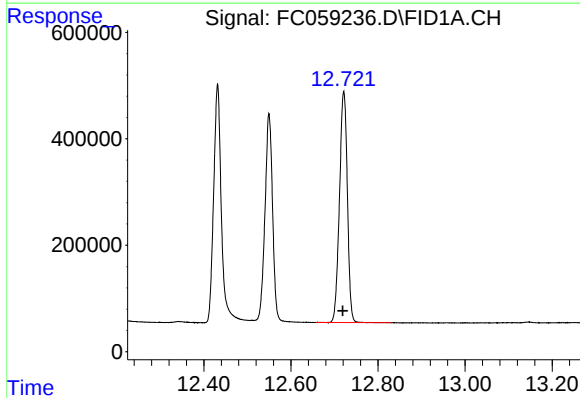
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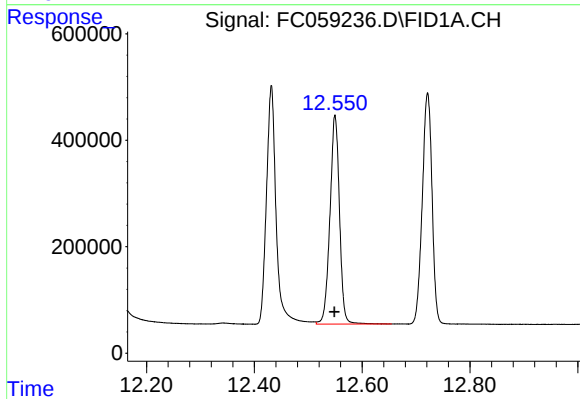
#10 n-Eicosane (C20)

R.T.: 12.115 min
Delta R.T.: 0.004 min
Response: 5397156
Conc: 41.19 ug/ml m



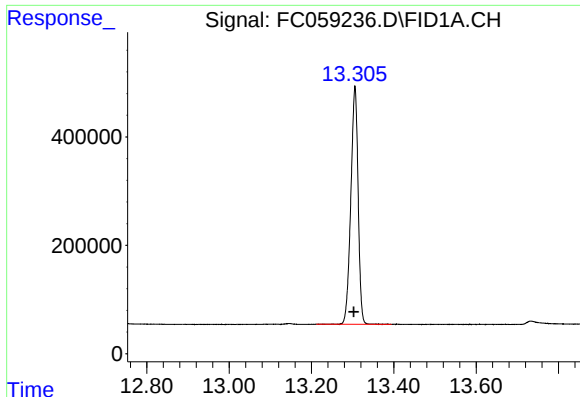
#11 n-Heneicosane (C21)

R.T.: 12.721 min
Delta R.T.: 0.002 min
Response: 5450588
Conc: 41.77 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.550 min
Delta R.T.: 0.001 min
Response: 4815966
Conc: 42.96 ug/ml



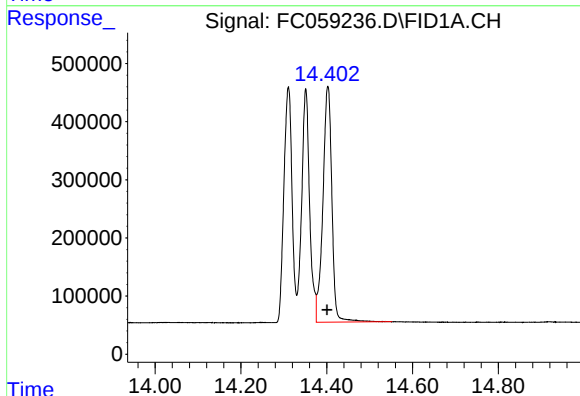
#13 n-Docosane (C22)

R.T.: 13.305 min
Delta R.T.: 0.002 min
Response: 5397732
Conc: 41.67 ug/ml

Instrument :
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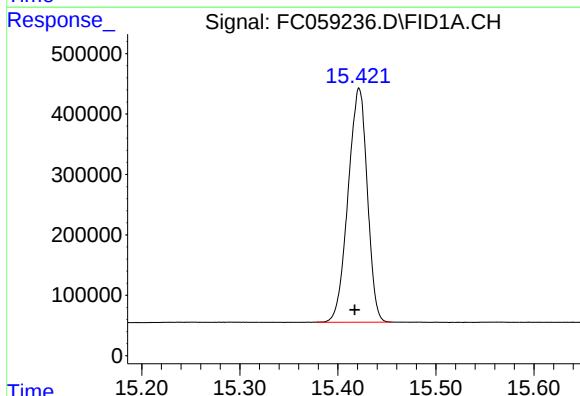
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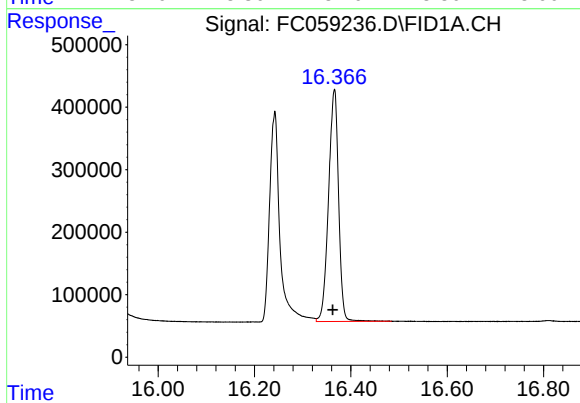
#14 n-Tetracosane (C24)

R.T.: 14.402 min
Delta R.T.: 0.001 min
Response: 5914858
Conc: 46.82 ug/ml



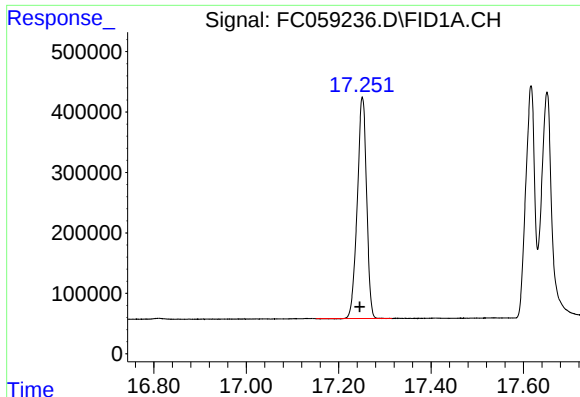
#15 n-Hexacosane (C26)

R.T.: 15.421 min
Delta R.T.: 0.004 min
Response: 5274072
Conc: 43.66 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.365 min
Delta R.T.: 0.002 min
Response: 5345516
Conc: 45.14 ug/ml



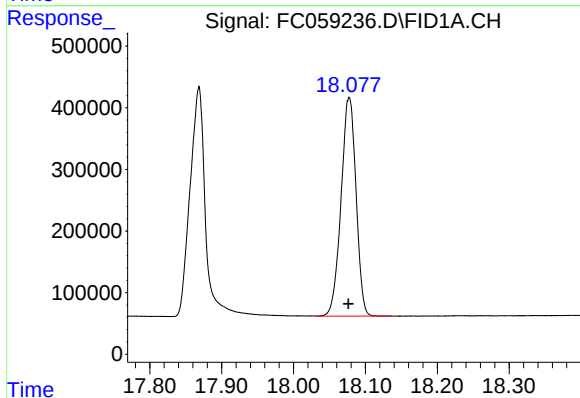
#17 n-Tricontane (C30)

R.T.: 17.251 min
Delta R.T.: 0.005 min
Response: 5135246
Conc: 45.02 ug/ml

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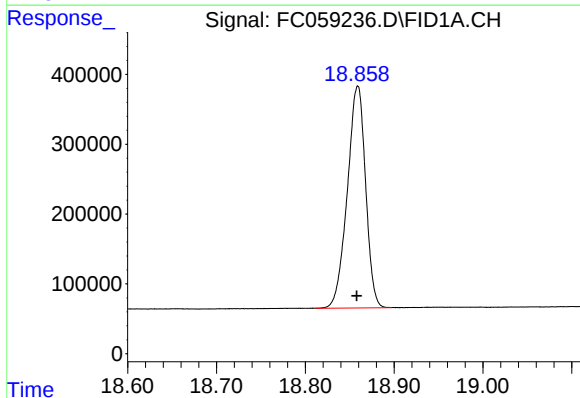
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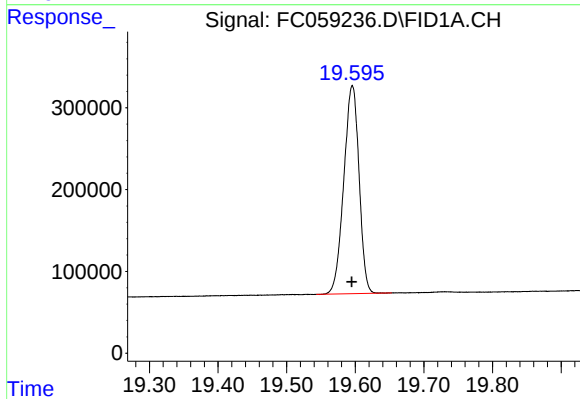
#18 n-Dotriacontane (C32)

R.T.: 18.077 min
Delta R.T.: 0.000 min
Response: 5136964
Conc: 47.95 ug/ml



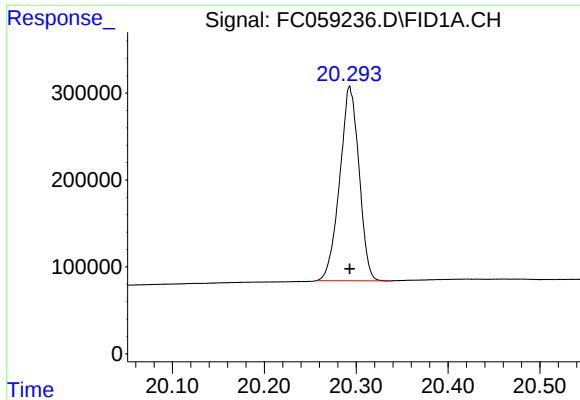
#19 n-Tetratriacontane (C34)

R.T.: 18.858 min
Delta R.T.: 0.000 min
Response: 4545297
Conc: 44.99 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.595 min
Delta R.T.: 0.000 min
Response: 3938670
Conc: 41.22 ug/ml



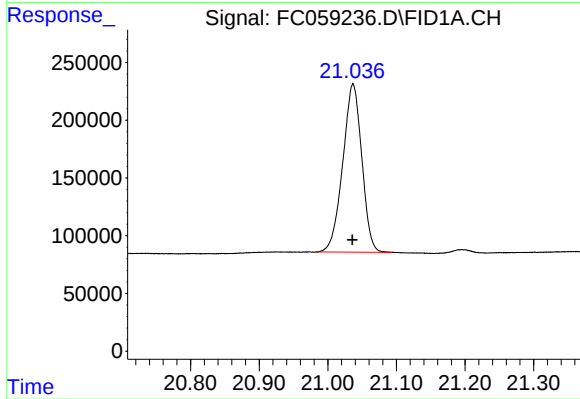
#21 n-Octatriacontane (C38)

R.T.: 20.293 min
Delta R.T.: 0.000 min
Response: 3260691
Conc: 35.44 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.037 min
Delta R.T.: 0.000 min
Response: 2808221
Conc: 30.22 ug/ml