

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041222AL\
 Data File : FC059184.D
 Signal(s) : FID1A.CH
 Acq On : 12 Apr 2022 16:36
 Operator : UA/NP
 Sample : N2360-05MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 JC-03-041122-CMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/13/2022
 Supervised By :mohammad ahmed 04/14/2022

Integration File: autoint1.e
 Quant Time: Apr 13 02:12:09 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	5840946	40.539 ug/mlm
Spiked Amount 50.000		Recovery =	81.08%
12) S 1-chlorooctadecane (S...	12.551	5581368	49.792 ug/mlm
Spiked Amount 50.000		Recovery =	99.58%
Target Compounds			
1) T n-Nonane (C9)	2.967	3485085	28.439 ug/ml
2) T n-Decane (C10)	4.008	3922571	32.009 ug/ml
3) T A~Naphthalene (C11.7)	5.553	4652165	37.053 ug/ml
4) T n-Dodecane (C12)	6.004	4546014	35.591 ug/ml
5) T A~2-methylnaphthalene...	6.601	4539949	35.414 ug/ml
6) T n-Tetradecane (C14)	7.787	4713439	36.251 ug/mlm
7) T n-Hexadecane (C16)	9.376	5133807	38.660 ug/mlm
8) T n-Octadecane (C18)	10.811	5540463	41.672 ug/mlm
10) T n-Eicosane (C20)	12.114	5228901	39.908 ug/mlm
11) T n-Heneicosane (C21)	12.722	5328001	40.834 ug/ml
13) T n-Docosane (C22)	13.305	5310316	40.992 ug/mlm
14) T n-Tetracosane (C24)	14.402	5407512	42.807 ug/ml
15) T n-Hexacosane (C26)	15.420	4967520	41.124 ug/ml
16) T n-Octacosane (C28)	16.364	4880898	41.220 ug/mlm
17) T n-Tricontane (C30)	17.249	4735563	41.512 ug/mlm
18) T n-Dotriacontane (C32)	18.077	6486641	60.549 ug/mlm
19) T n-Tetratriacontane (C34)	18.857	5079156	50.270 ug/ml
20) T n-Hexatriacontane (C36)	19.594	4252821	44.510 ug/ml
21) T n-Octatriacontane (C38)	20.290	3867429	42.029 ug/mlm
22) T n-Tetracontane (C40)	21.034	3684636	39.646 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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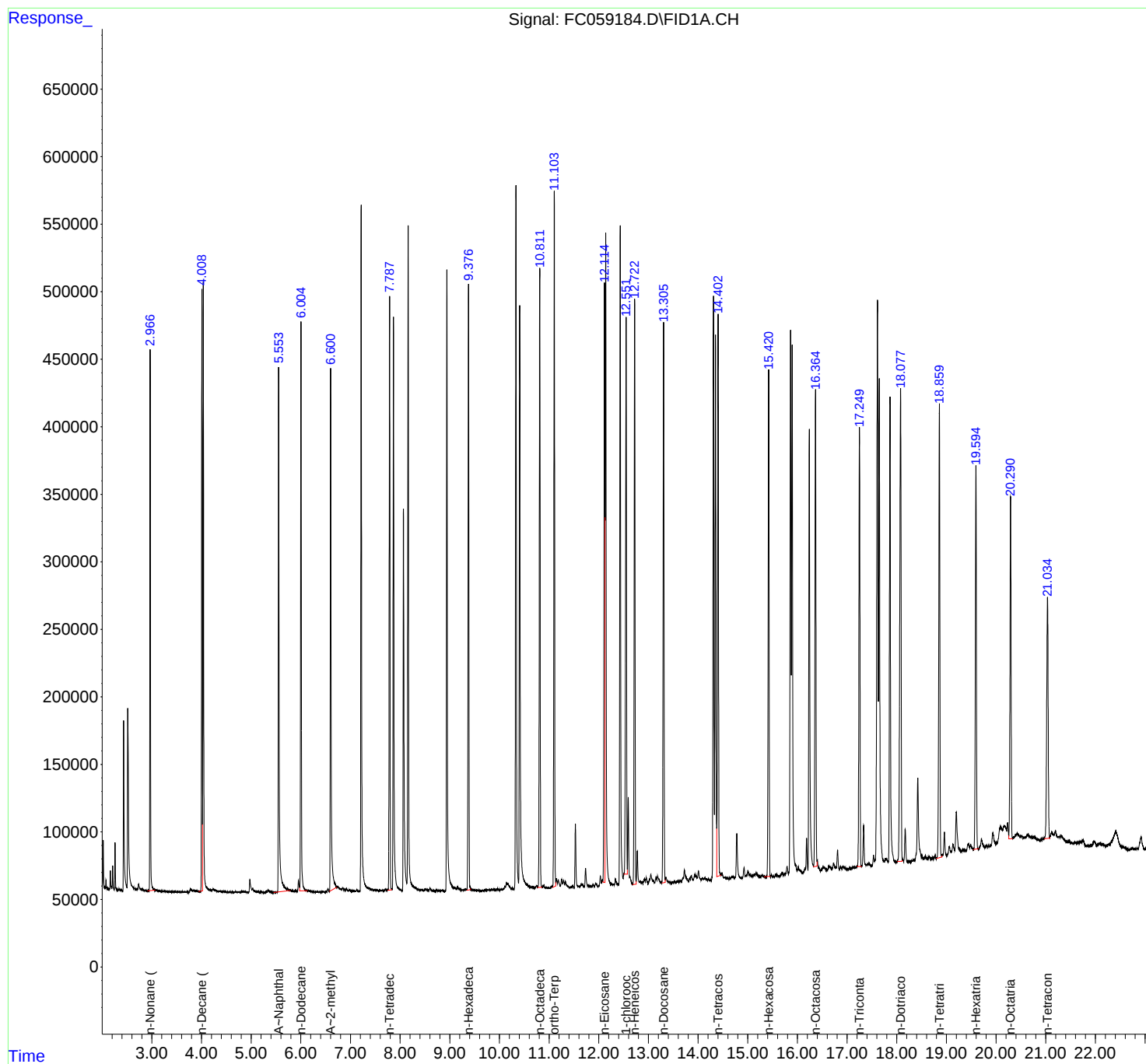
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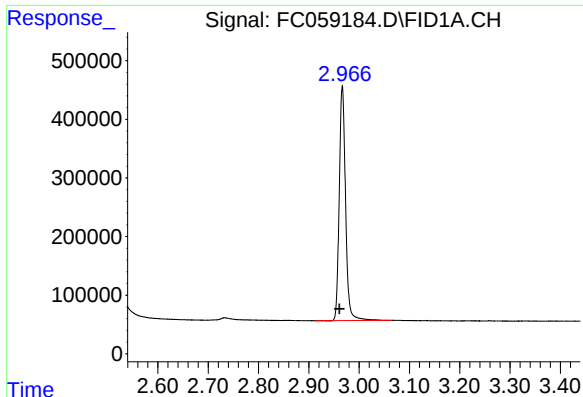
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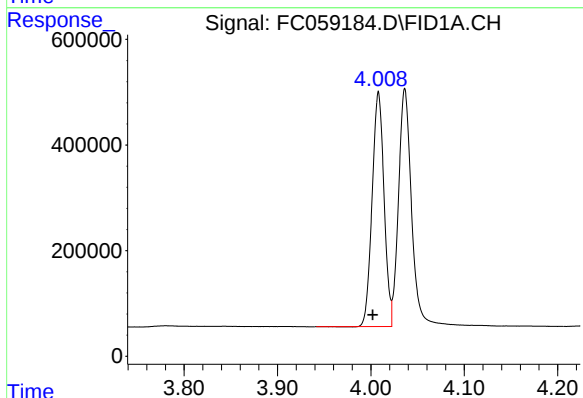
#1 n-Nonane (C9)

R.T.: 2.967 min
Delta R.T.: 0.006 min
Response: 3485085
Conc: 28.44 ug/ml

Instrument :
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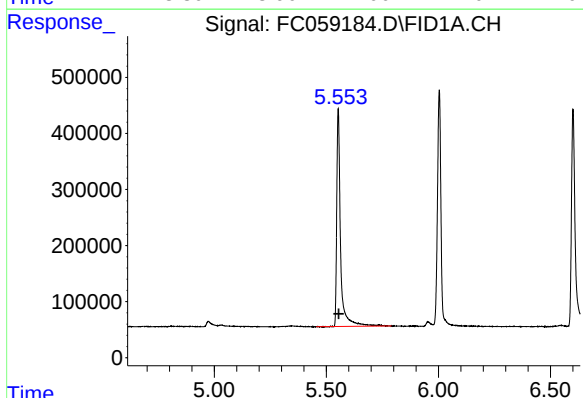
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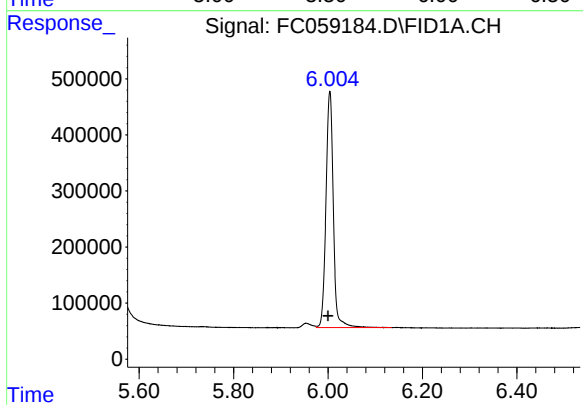
#2 n-Decane (C10)

R.T.: 4.008 min
Delta R.T.: 0.006 min
Response: 3922571
Conc: 32.01 ug/ml



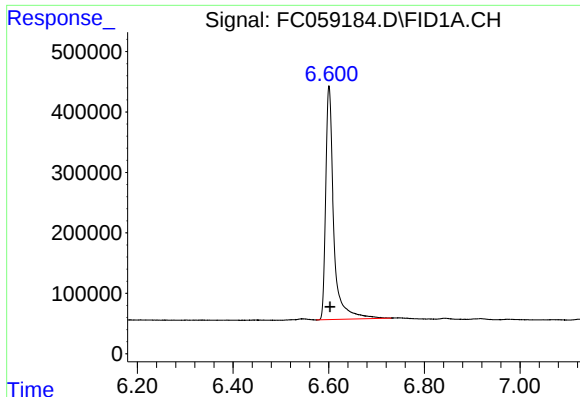
#3 A~Naphthalene (C11.7)

R.T.: 5.553 min
Delta R.T.: -0.002 min
Response: 4652165
Conc: 37.05 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.004 min
Delta R.T.: 0.004 min
Response: 4546014
Conc: 35.59 ug/ml



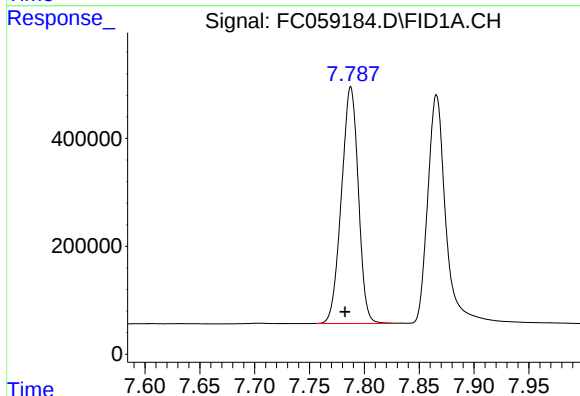
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.601 min
Delta R.T.: -0.002 min
Response: 4539949
Conc: 35.41 ug/ml

Instrument :
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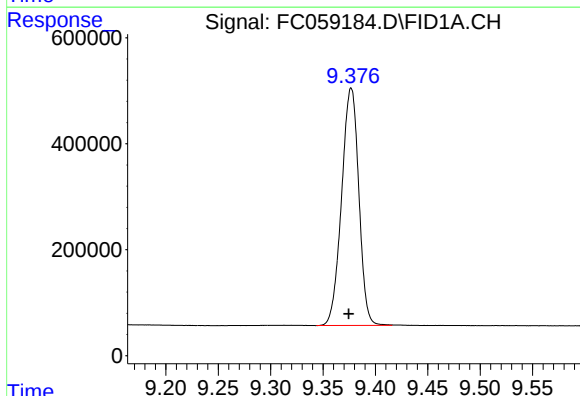
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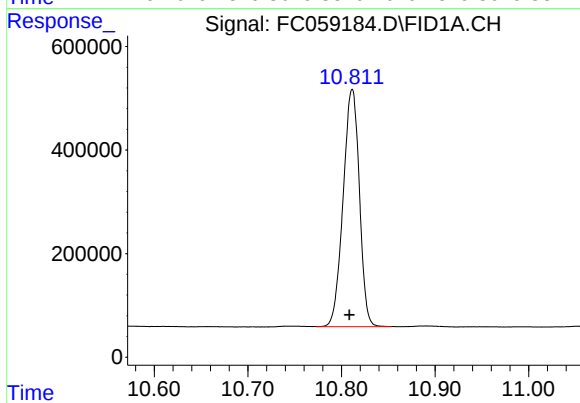
#6 n-Tetradecane (C14)

R.T.: 7.787 min
Delta R.T.: 0.005 min
Response: 4713439
Conc: 36.25 ug/ml m



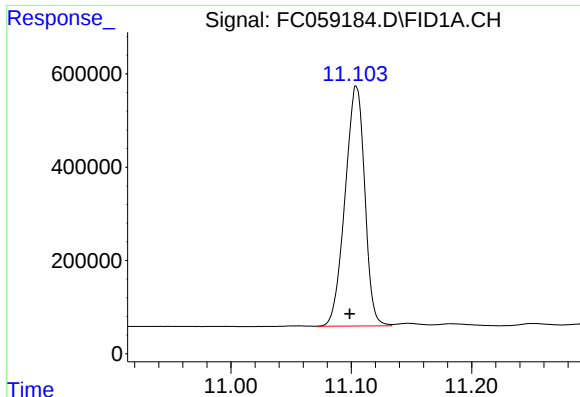
#7 n-Hexadecane (C16)

R.T.: 9.376 min
Delta R.T.: 0.002 min
Response: 5133807
Conc: 38.66 ug/ml m



#8 n-Octadecane (C18)

R.T.: 10.811 min
Delta R.T.: 0.003 min
Response: 5540463
Conc: 41.67 ug/ml m



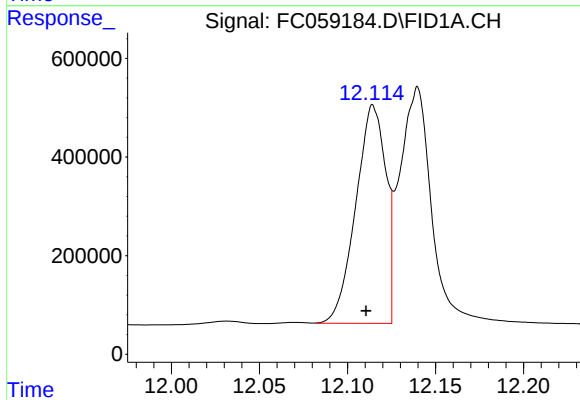
#9 ortho-Terphenyl (SURR)

R.T.: 11.103 min
Delta R.T.: 0.005 min
Response: 5840946
Conc: 40.54 ug/ml

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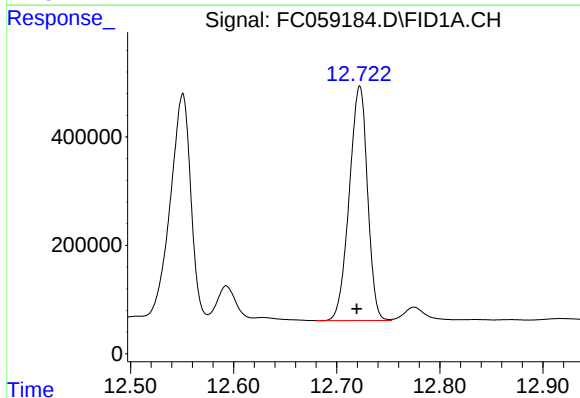
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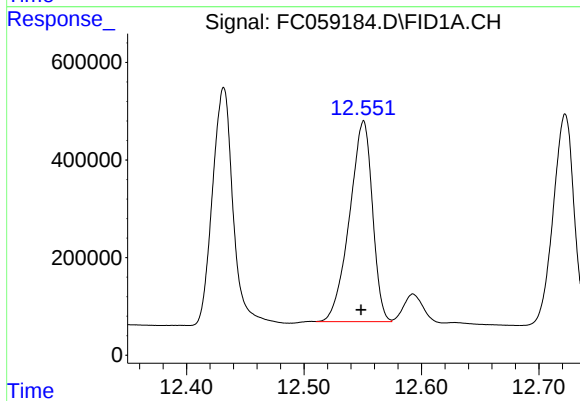
#10 n-Eicosane (C20)

R.T.: 12.114 min
Delta R.T.: 0.003 min
Response: 5228901
Conc: 39.91 ug/ml m



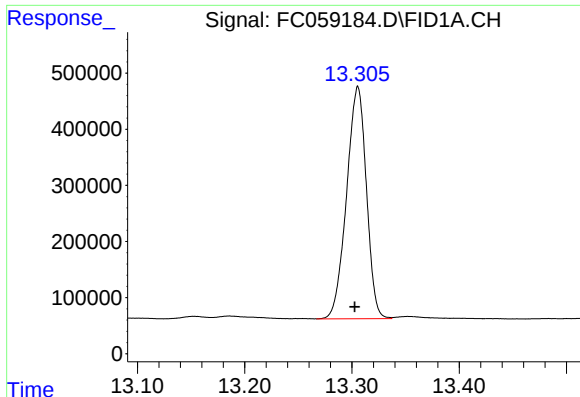
#11 n-Heneicosane (C21)

R.T.: 12.722 min
Delta R.T.: 0.002 min
Response: 5328001
Conc: 40.83 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.551 min
Delta R.T.: 0.002 min
Response: 5581368
Conc: 49.79 ug/ml m



#13 n-Docosane (C22)

R.T.: 13.305 min
Delta R.T.: 0.002 min
Response: 5310316
Conc: 40.99 ug/ml

Instrument :

FID_C

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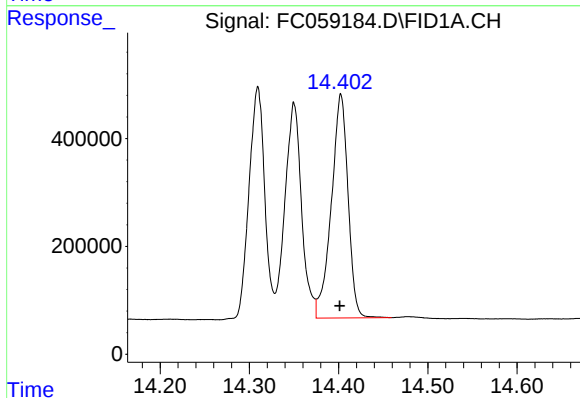
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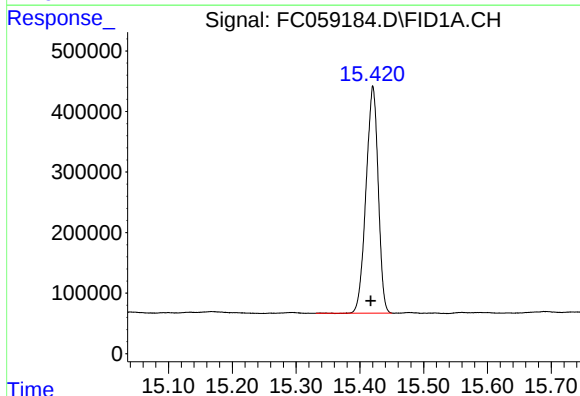
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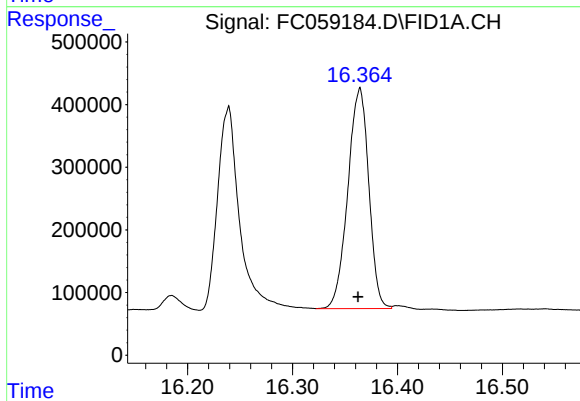
#14 n-Tetracosane (C24)

R.T.: 14.402 min
Delta R.T.: 0.000 min
Response: 5407512
Conc: 42.81 ug/ml



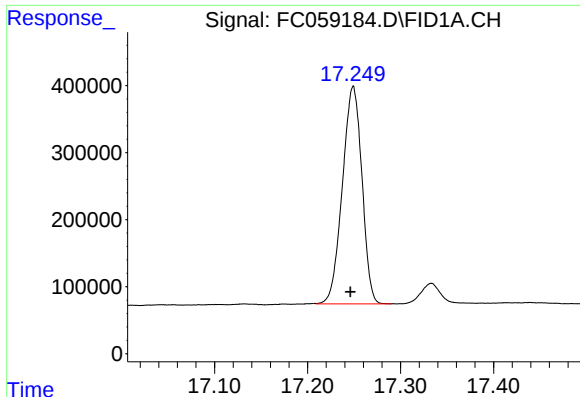
#15 n-Hexacosane (C26)

R.T.: 15.420 min
Delta R.T.: 0.003 min
Response: 4967520
Conc: 41.12 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.364 min
Delta R.T.: 0.002 min
Response: 4880898
Conc: 41.22 ug/ml m



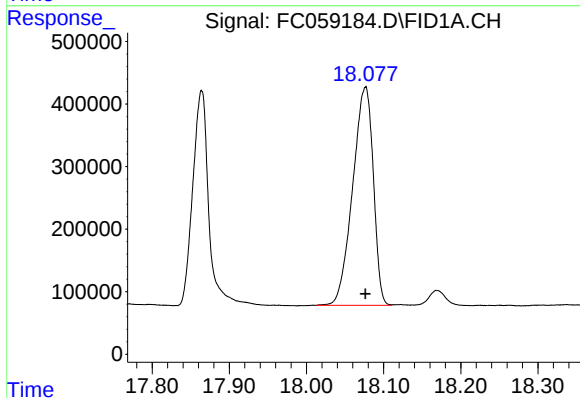
#17 n-Tricontane (C30)

R.T.: 17.249 min
Delta R.T.: 0.003 min
Response: 4735563
Conc: 41.51 ug/ml

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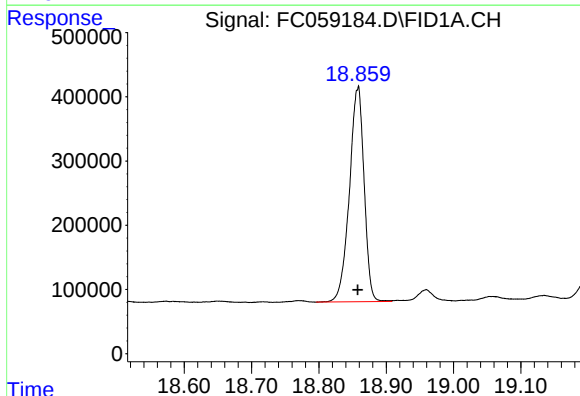
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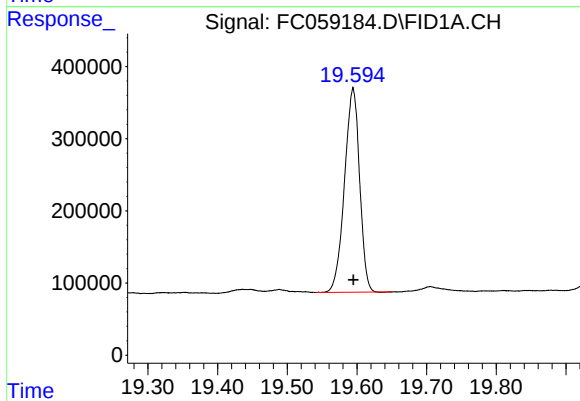
#18 n-Dotriacontane (C32)

R.T.: 18.077 min
Delta R.T.: 0.000 min
Response: 6486641
Conc: 60.55 ug/ml m



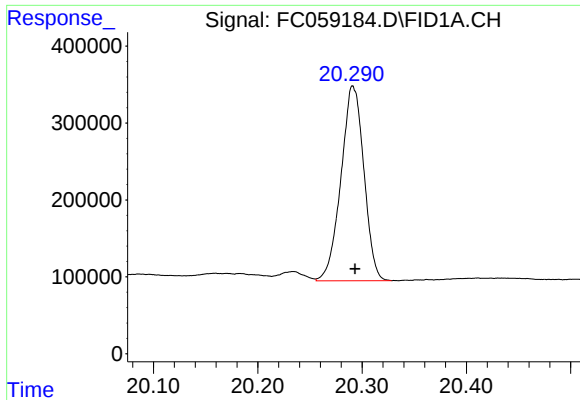
#19 n-Tetratriacontane (C34)

R.T.: 18.857 min
Delta R.T.: 0.000 min
Response: 5079156
Conc: 50.27 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.594 min
Delta R.T.: -0.001 min
Response: 4252821
Conc: 44.51 ug/ml



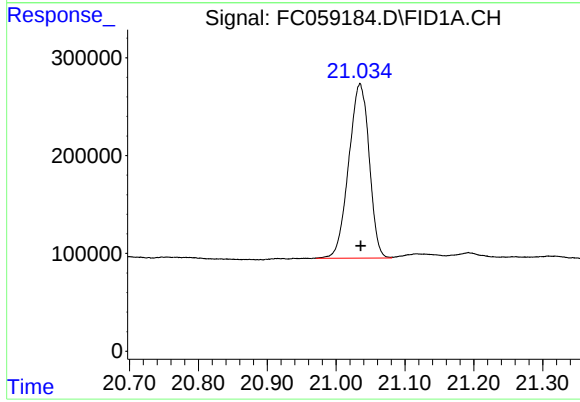
#21 n-Octatriacontane (C38)

R.T.: 20.290 min
Delta R.T.: -0.003 min
Response: 3867429
Conc: 42.03 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.034 min
Delta R.T.: -0.001 min
Response: 3684636
Conc: 39.65 ug/ml m