

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041222AL\
 Data File : FC059185.D
 Signal(s) : FID1A.CH
 Acq On : 12 Apr 2022 17:17
 Operator : UA/NP
 Sample : N2360-05MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

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 02:12:23 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)	11.102	5917673	41.071 ug/mlm
Spiked Amount 50.000		Recovery =	82.14%
12) S 1-chlorooctadecane (S...	12.550	5643600	50.347 ug/mlm
Spiked Amount 50.000		Recovery =	100.69%
Target Compounds			
1) T n-Nonane (C9)	2.967	3558826	29.041 ug/ml
2) T n-Decane (C10)	4.007	3984896	32.518 ug/ml
3) T A~Naphthalene (C11.7)	5.552	4736902	37.728 ug/ml
4) T n-Dodecane (C12)	6.002	4602297	36.032 ug/ml
5) T A~2-methylnaphthalene...	6.599	4787263	37.343 ug/ml
6) T n-Tetradecane (C14)	7.786	4772875	36.708 ug/mlm
7) T n-Hexadecane (C16)	9.376	5208180	39.221 ug/mlm
8) T n-Octadecane (C18)	10.810	5609819	42.193 ug/mlm
10) T n-Eicosane (C20)	12.113	5771548	44.050 ug/mlm
11) T n-Heneicosane (C21)	12.721	5406284	41.434 ug/ml
13) T n-Docosane (C22)	13.305	5375597	41.496 ug/mlm
14) T n-Tetracosane (C24)	14.401	5484911	43.419 ug/ml
15) T n-Hexacosane (C26)	15.420	5034808	41.681 ug/ml
16) T n-Octacosane (C28)	16.364	4966070	41.939 ug/mlm
17) T n-Tricontane (C30)	17.249	4824572	42.292 ug/mlm
18) T n-Dotriacontane (C32)	18.076	6554075	61.179 ug/mlm
19) T n-Tetratriacontane (C34)	18.858	5158613	51.057 ug/mlm
20) T n-Hexatriacontane (C36)	19.592	4315292	45.163 ug/ml
21) T n-Octatriacontane (C38)	20.290	3924046	42.644 ug/mlm
22) T n-Tetracontane (C40)	21.032	3734655	40.184 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 6 Sample Multiplier: 1

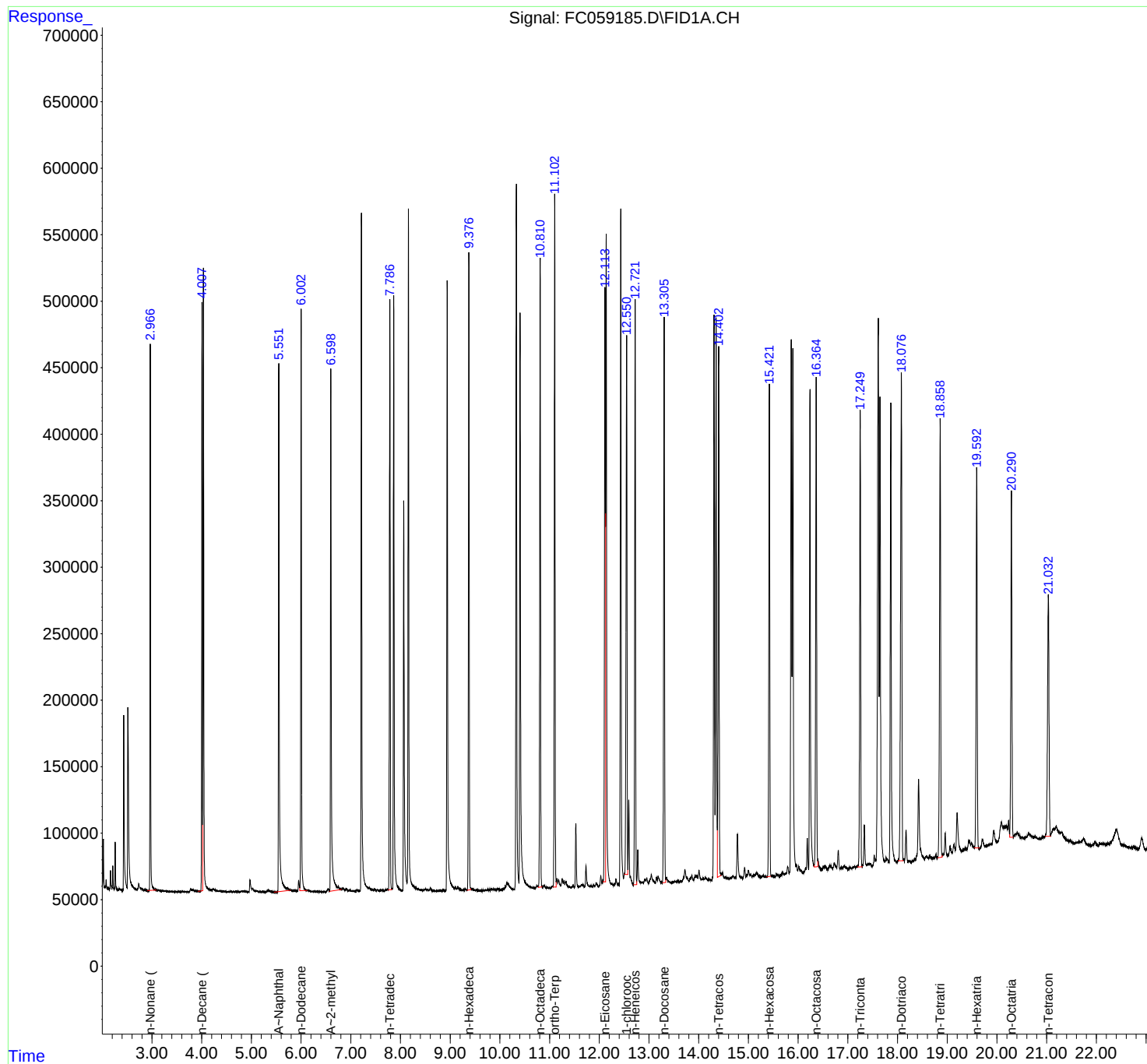
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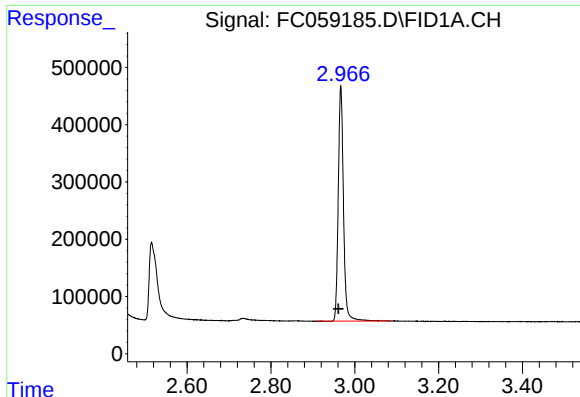
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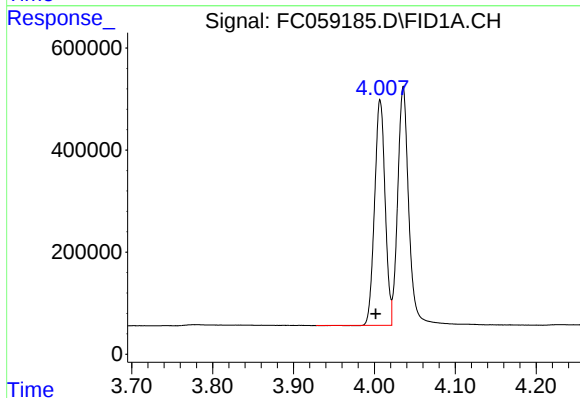
#1 n-Nonane (C9)

R.T.: 2.967 min
Delta R.T.: 0.006 min
Response: 3558826
Conc: 29.04 ug/ml

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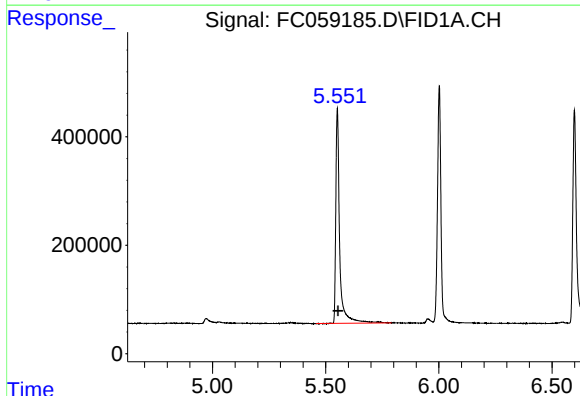
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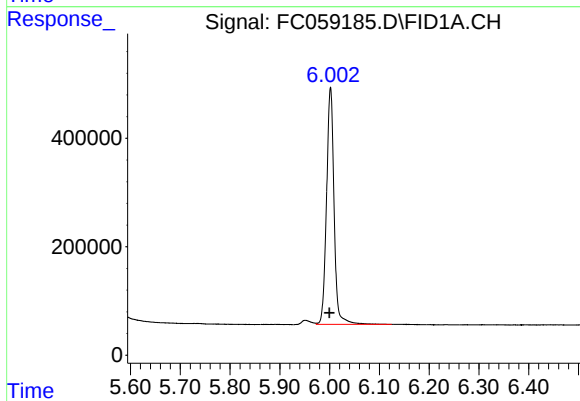
#2 n-Decane (C10)

R.T.: 4.007 min
Delta R.T.: 0.005 min
Response: 3984896
Conc: 32.52 ug/ml



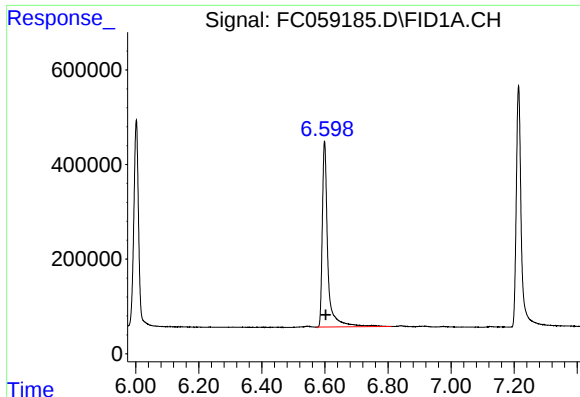
#3 A~Naphthalene (C11.7)

R.T.: 5.552 min
Delta R.T.: -0.004 min
Response: 4736902
Conc: 37.73 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.002 min
Delta R.T.: 0.002 min
Response: 4602297
Conc: 36.03 ug/ml



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

R.T.: 6.599 min
Delta R.T.: -0.004 min
Response: 4787263
Conc: 37.34 ug/ml

Instrument :

FID_C

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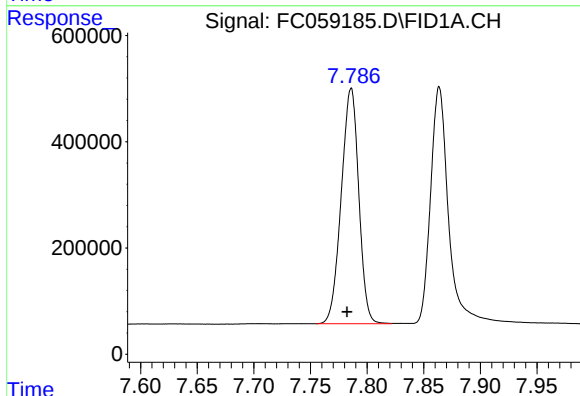
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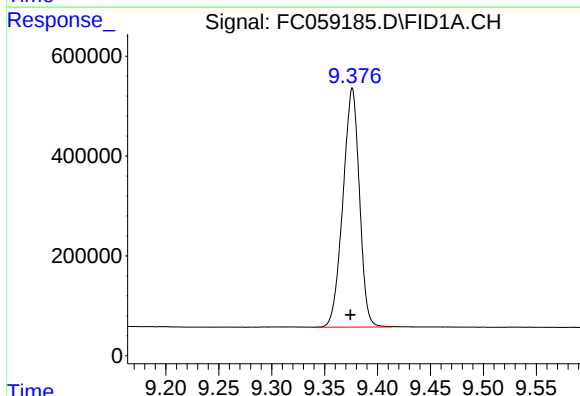
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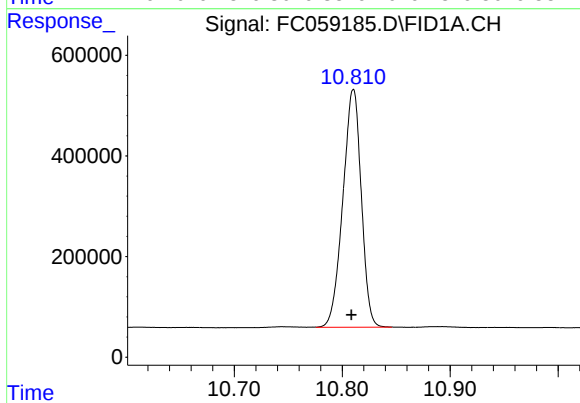
#6 n-Tetradecane (C14)

R.T.: 7.786 min
Delta R.T.: 0.004 min
Response: 4772875
Conc: 36.71 ug/ml m



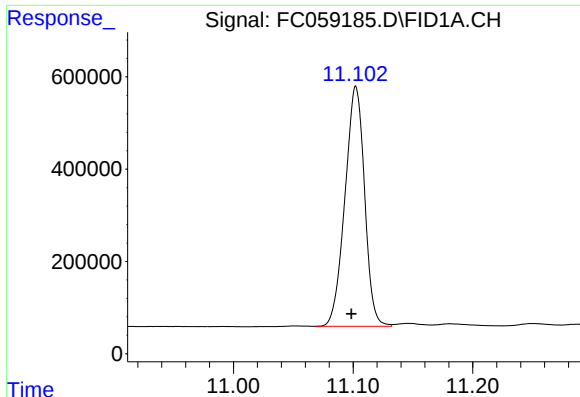
#7 n-Hexadecane (C16)

R.T.: 9.376 min
Delta R.T.: 0.001 min
Response: 5208180
Conc: 39.22 ug/ml m



#8 n-Octadecane (C18)

R.T.: 10.810 min
Delta R.T.: 0.002 min
Response: 5609819
Conc: 42.19 ug/ml m



#9 ortho-Terphenyl (SURR)

R.T.: 11.102 min
Delta R.T.: 0.003 min
Response: 5917673
Conc: 41.07 ug/ml

Instrument :

FID_C

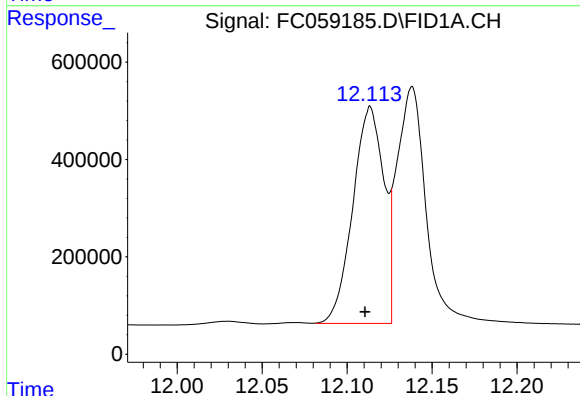
ClientSampleId :

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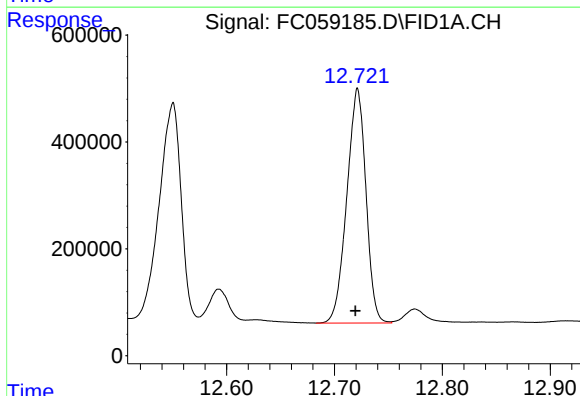
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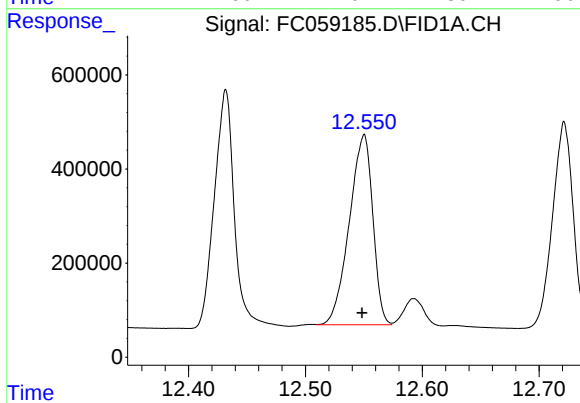
#10 n-Eicosane (C20)

R.T.: 12.113 min
Delta R.T.: 0.002 min
Response: 5771548
Conc: 44.05 ug/ml m



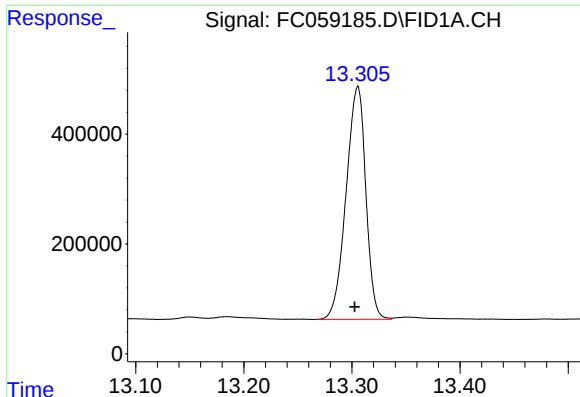
#11 n-Heneicosane (C21)

R.T.: 12.721 min
Delta R.T.: 0.002 min
Response: 5406284
Conc: 41.43 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.550 min
Delta R.T.: 0.002 min
Response: 5643600
Conc: 50.35 ug/ml m



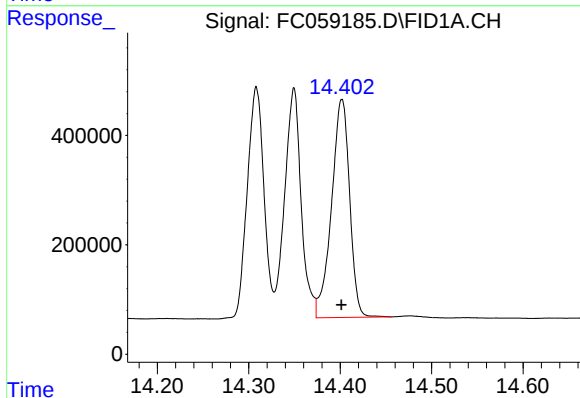
#13 n-Docosane (C22)

R.T.: 13.305 min
Delta R.T.: 0.003 min
Response: 5375597
Conc: 41.50 ug/ml

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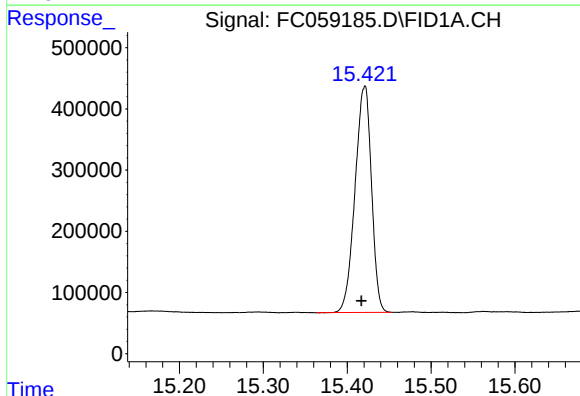
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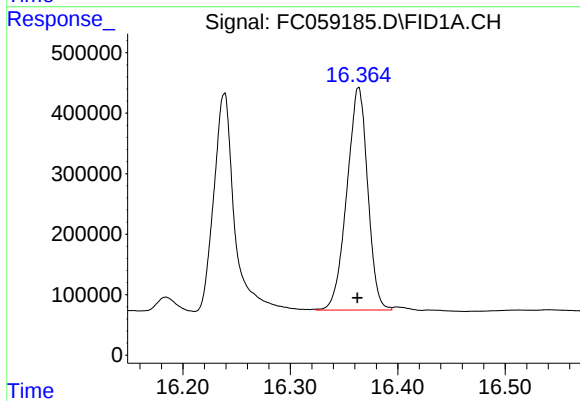
#14 n-Tetracosane (C24)

R.T.: 14.401 min
Delta R.T.: 0.000 min
Response: 5484911
Conc: 43.42 ug/ml



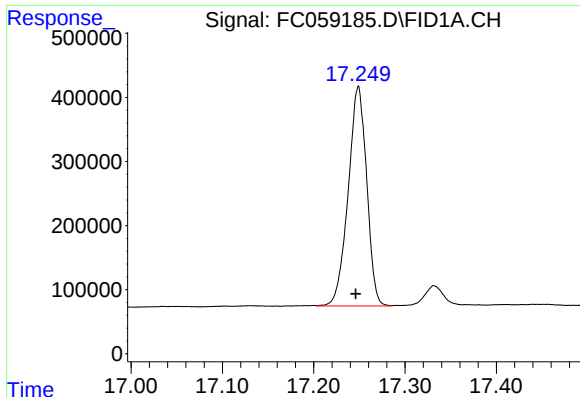
#15 n-Hexacosane (C26)

R.T.: 15.420 min
Delta R.T.: 0.003 min
Response: 5034808
Conc: 41.68 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.364 min
Delta R.T.: 0.001 min
Response: 4966070
Conc: 41.94 ug/ml m



#17 n-Tricontane (C30)

R.T.: 17.249 min
Delta R.T.: 0.003 min
Response: 4824572
Conc: 42.29 ug/ml

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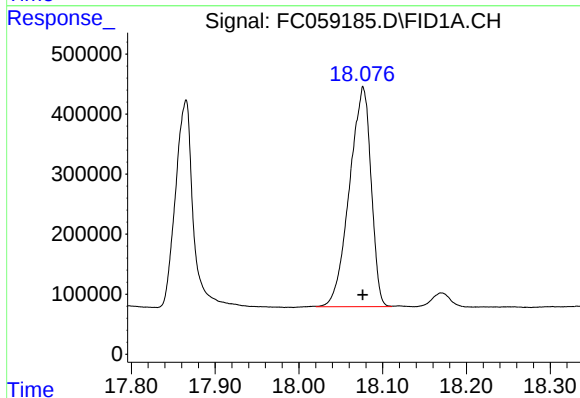
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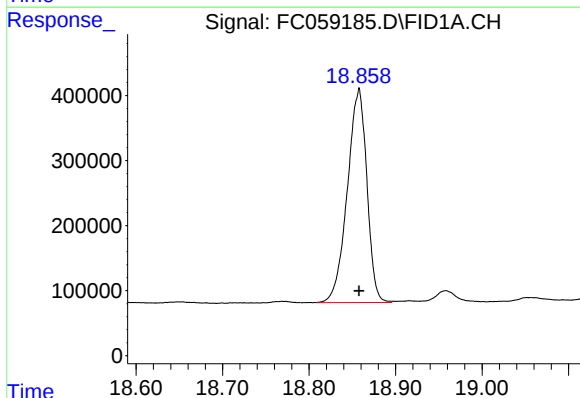
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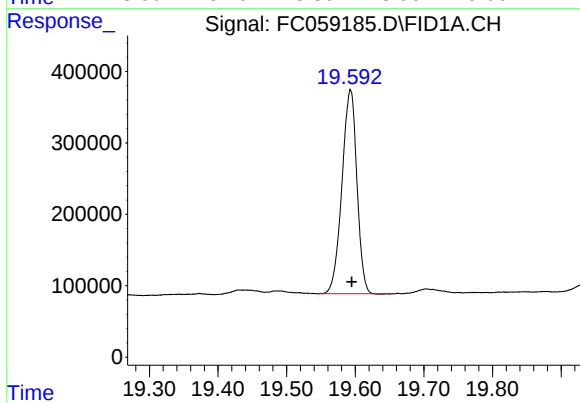
#18 n-Dotriacontane (C32)

R.T.: 18.076 min
Delta R.T.: 0.000 min
Response: 6554075
Conc: 61.18 ug/ml m



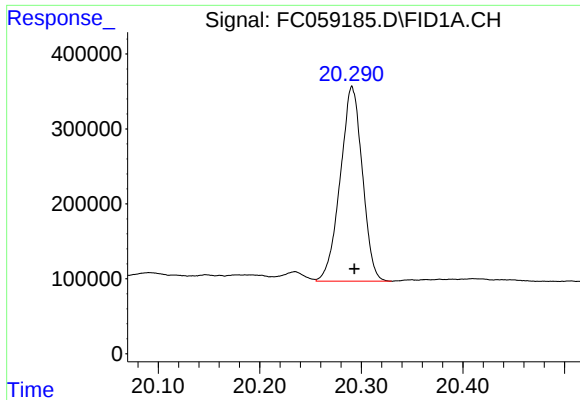
#19 n-Tetratriacontane (C34)

R.T.: 18.858 min
Delta R.T.: 0.000 min
Response: 5158613
Conc: 51.06 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.592 min
Delta R.T.: -0.003 min
Response: 4315292
Conc: 45.16 ug/ml



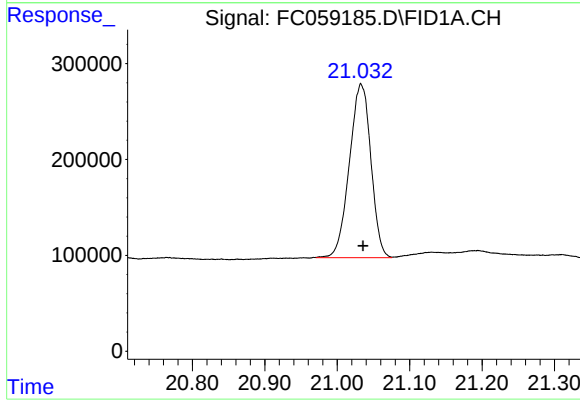
#21 n-Octatriacontane (C38)

R.T.: 20.290 min
Delta R.T.: -0.003 min
Response: 3924046
Conc: 42.64 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.032 min
Delta R.T.: -0.004 min
Response: 3734655
Conc: 40.18 ug/ml m