

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030722AL\
 Data File : FC058599.D
 Signal(s) : FID1A.CH
 Acq On : 07 Mar 2022 19:35
 Operator : UA/NP
 Sample : N1793-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 SB-1MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/08/2022
 Supervised By :Ankita Jodhani 03/08/2022

Integration File: autoint1.e
 Quant Time: Mar 08 02:23:52 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)	11.406	4449098	30.546 ug/ml
Spiked Amount 50.000		Recovery =	61.09%
12) S 1-chlorooctadecane (S...	12.839	3635095	32.069 ug/ml
Spiked Amount 50.000		Recovery =	64.14%
Target Compounds			
1) T n-Nonane (C9)	3.256	3392639	28.212 ug/ml
2) T n-Decane (C10)	4.307	3810226	32.019 ug/ml
3) T A~Naphthalene (C11.7)	5.867	4434041	34.165 ug/ml
4) T n-Dodecane (C12)	6.301	4216668	34.277 ug/ml
5) T A~2-methylnaphthalene...	6.913	4542999	34.847 ug/ml
6) T n-Tetradecane (C14)	8.082	4562642	36.412 ug/ml
7) T n-Hexadecane (C16)	9.668	4841175	37.593 ug/ml
8) T n-Octadecane (C18)	11.100	5073308	38.553 ug/ml
10) T n-Eicosane (C20)	12.401	4883132	37.135 ug/ml
11) T n-Heneicosane (C21)	13.008	4809974	36.395 ug/ml
13) T n-Docosane (C22)	13.591	4728975	36.273 ug/ml
14) T n-Tetracosane (C24)	14.687	4674590	36.200 ug/mlm
15) T n-Hexacosane (C26)	15.705	4506645	36.432 ug/mlm
16) T n-Octacosane (C28)	16.649	4439462	37.296 ug/ml
17) T n-Tricontane (C30)	17.534	4255624	37.806 ug/ml
18) T n-Dotriacontane (C32)	18.361	4183001	38.900 ug/ml
19) T n-Tetratriacontane (C34)	19.142	4050073	41.801 ug/ml
20) T n-Hexatriacontane (C36)	19.878	3787540	41.983 ug/ml
21) T n-Octatriacontane (C38)	20.585	3457508	39.731 ug/ml
22) T n-Tetracontane (C40)	21.416	3167227	37.742 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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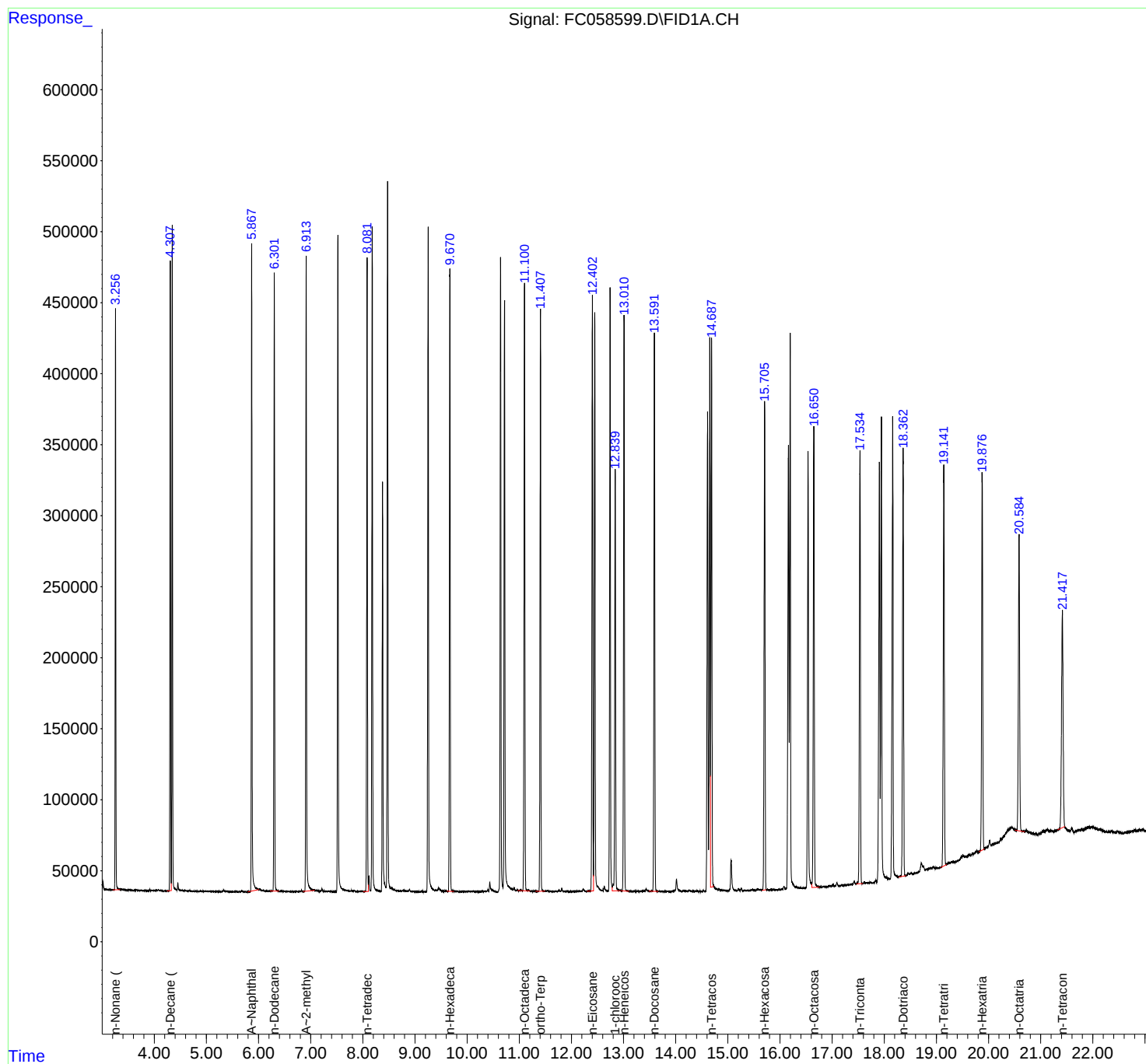
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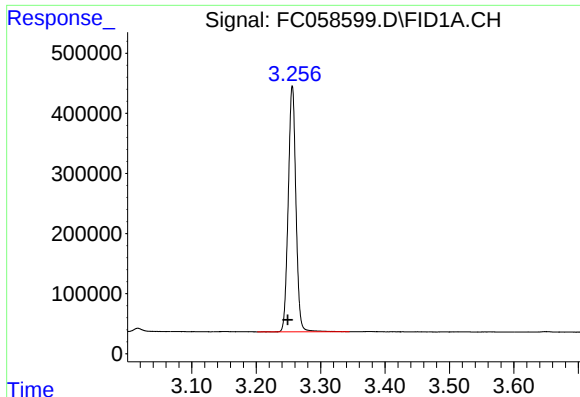
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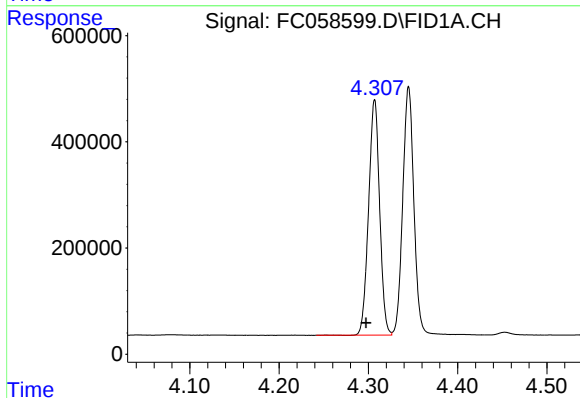
#1 n-Nonane (C9)

R.T.: 3.256 min
Delta R.T.: 0.007 min
Response: 3392639
Conc: 28.21 ug/ml

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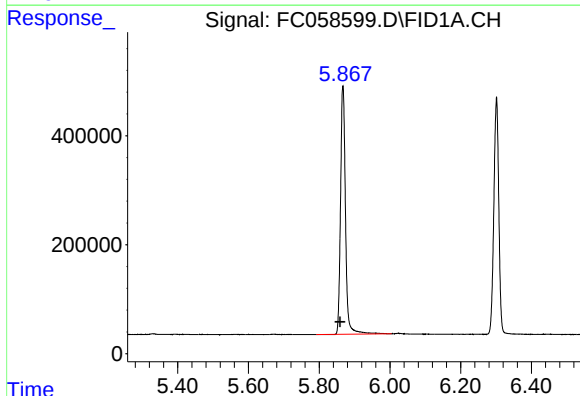
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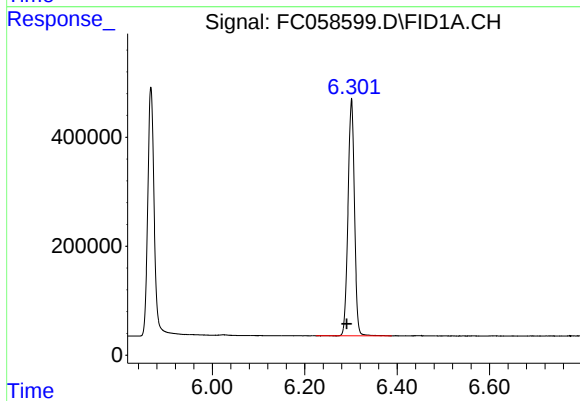
#2 n-Decane (C10)

R.T.: 4.307 min
Delta R.T.: 0.009 min
Response: 3810226
Conc: 32.02 ug/ml



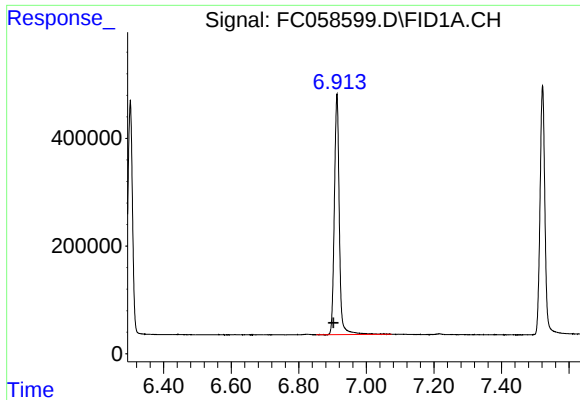
#3 A~Naphthalene (C11.7)

R.T.: 5.867 min
Delta R.T.: 0.008 min
Response: 4434041
Conc: 34.16 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.301 min
Delta R.T.: 0.010 min
Response: 4216668
Conc: 34.28 ug/ml



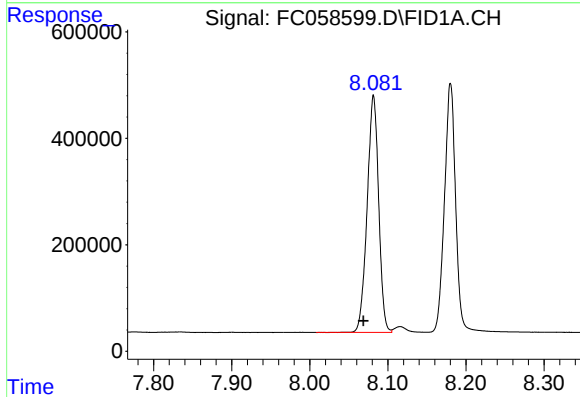
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.913 min
Delta R.T.: 0.010 min
Response: 4542999
Conc: 34.85 ug/ml

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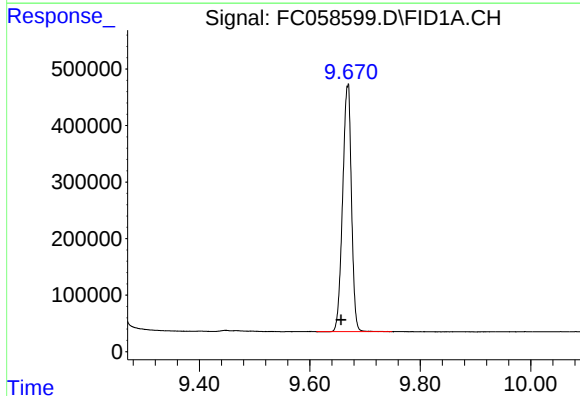
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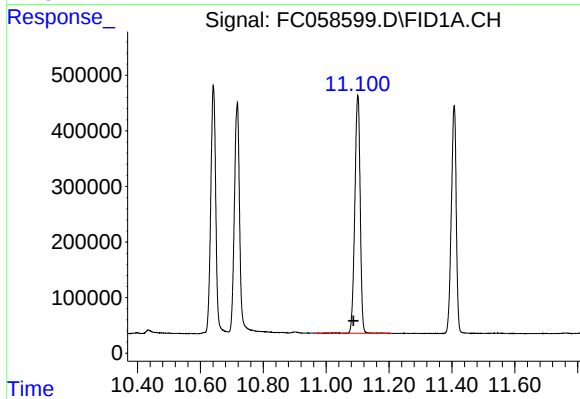
#6 n-Tetradecane (C14)

R.T.: 8.082 min
Delta R.T.: 0.013 min
Response: 4562642
Conc: 36.41 ug/ml



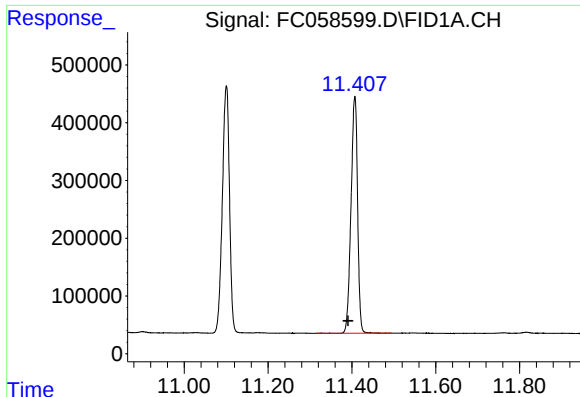
#7 n-Hexadecane (C16)

R.T.: 9.668 min
Delta R.T.: 0.012 min
Response: 4841175
Conc: 37.59 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.100 min
Delta R.T.: 0.013 min
Response: 5073308
Conc: 38.55 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.406 min
Delta R.T.: 0.015 min
Response: 4449098
Conc: 30.55 ug/ml

Instrument :

FID_C

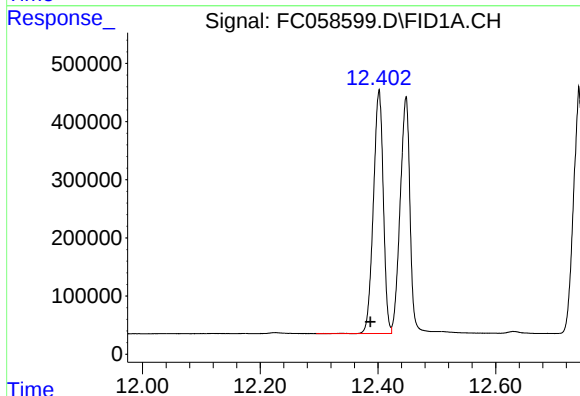
ClientSampleId :

SB-1MSD

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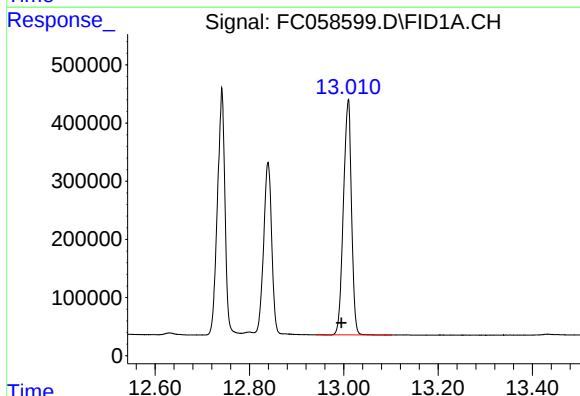
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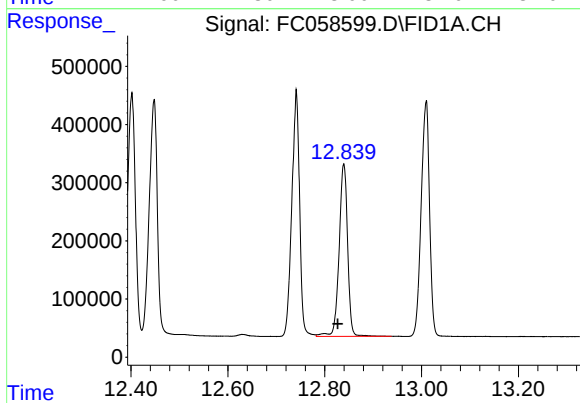
#10 n-Eicosane (C20)

R.T.: 12.401 min
Delta R.T.: 0.014 min
Response: 4883132
Conc: 37.13 ug/ml



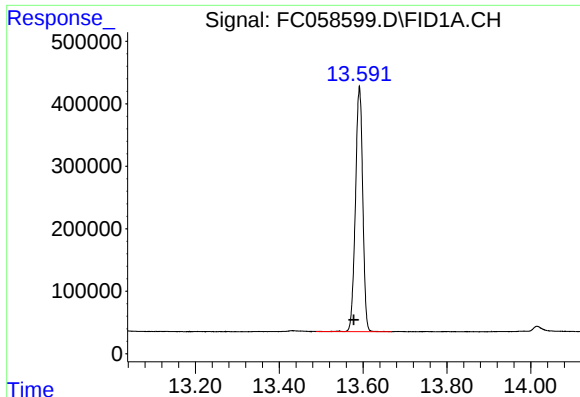
#11 n-Heneicosane (C21)

R.T.: 13.008 min
Delta R.T.: 0.013 min
Response: 4809974
Conc: 36.40 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.839 min
Delta R.T.: 0.012 min
Response: 3635095
Conc: 32.07 ug/ml



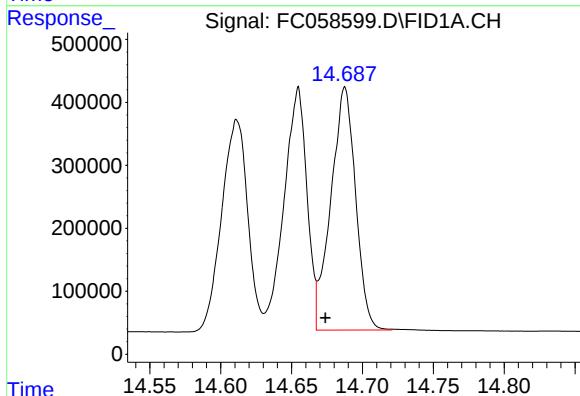
#13 n-Docosane (C22)

R.T.: 13.591 min
Delta R.T.: 0.013 min
Response: 4728975
Conc: 36.27 ug/ml

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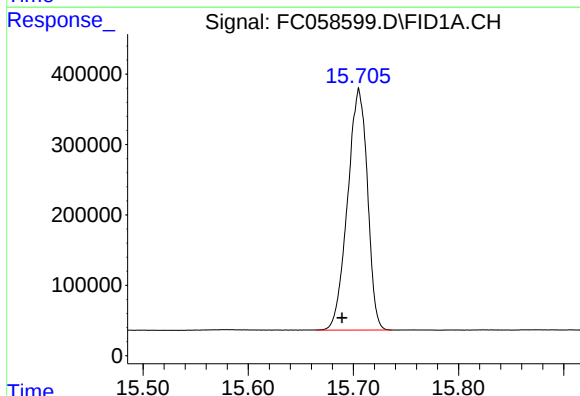
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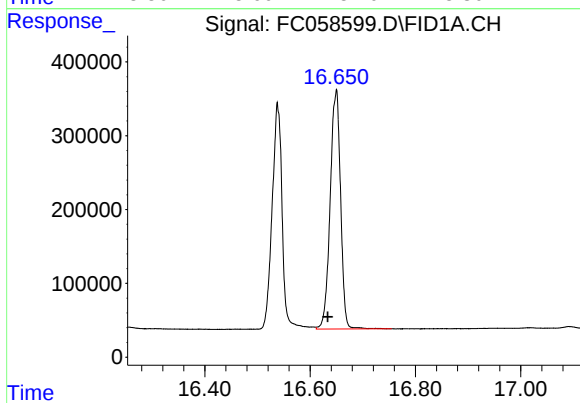
#14 n-Tetracosane (C24)

R.T.: 14.687 min
Delta R.T.: 0.013 min
Response: 4674590
Conc: 36.20 ug/ml m



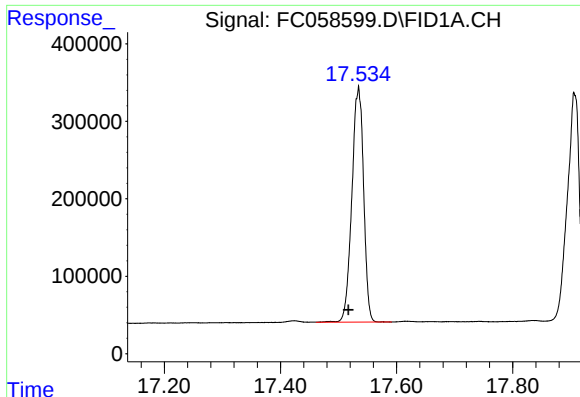
#15 n-Hexacosane (C26)

R.T.: 15.705 min
Delta R.T.: 0.015 min
Response: 4506645
Conc: 36.43 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.649 min
Delta R.T.: 0.015 min
Response: 4439462
Conc: 37.30 ug/ml



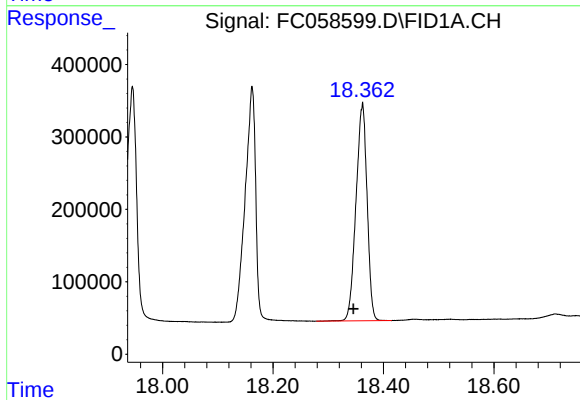
#17 n-Tricontane (C30)

R.T.: 17.534 min
Delta R.T.: 0.017 min
Response: 4255624
Conc: 37.81 ug/ml

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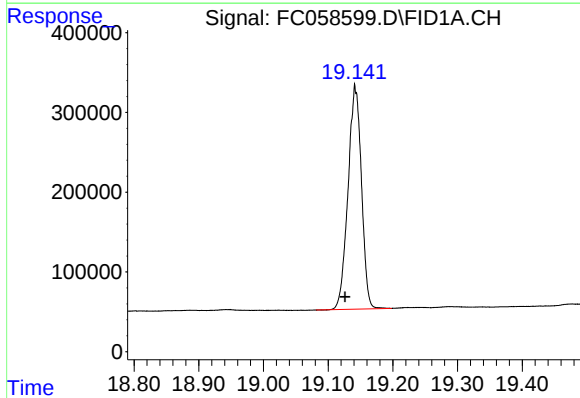
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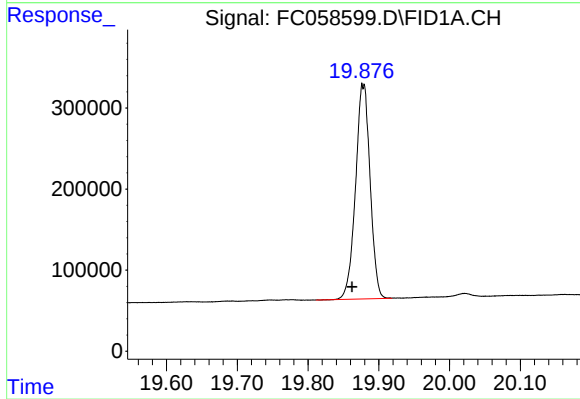
#18 n-Dotriacontane (C32)

R.T.: 18.361 min
Delta R.T.: 0.015 min
Response: 4183001
Conc: 38.90 ug/ml



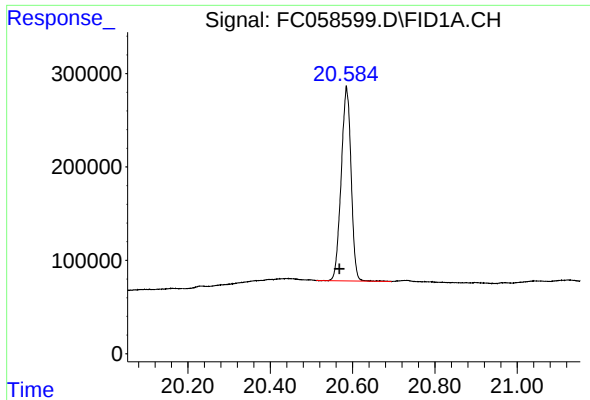
#19 n-Tetratriacontane (C34)

R.T.: 19.142 min
Delta R.T.: 0.016 min
Response: 4050073
Conc: 41.80 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.878 min
Delta R.T.: 0.016 min
Response: 3787540
Conc: 41.98 ug/ml



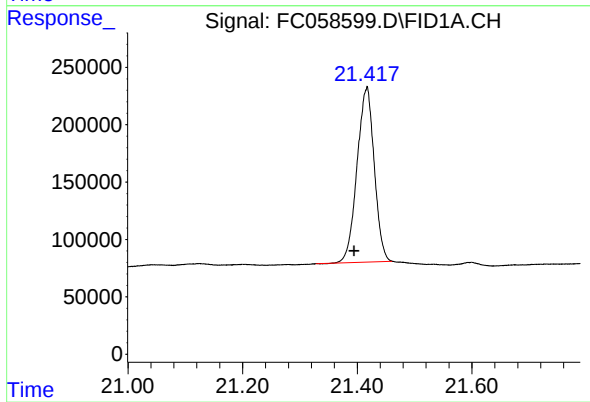
#21 n-Octatriacontane (C38)

R.T.: 20.585 min
Delta R.T.: 0.017 min
Response: 3457508
Conc: 39.73 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.416 min
Delta R.T.: 0.021 min
Response: 3167227
Conc: 37.74 ug/ml