

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041322AL\
 Data File : FC059243.D
 Signal(s) : FID1A.CH
 Acq On : 15 Apr 2022 00:32
 Operator : UA/NP
 Sample : N2401-05MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 CL-5-11.5MSD

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 02:30:14 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)	11.099	4521107	31.379 ug/ml
Spiked Amount 50.000		Recovery =	62.76%
12) S 1-chlorooctadecane (S...	12.547	3583705	31.970 ug/mlm
Spiked Amount 50.000		Recovery =	63.94%
Target Compounds			
1) T n-Nonane (C9)	2.979	4815920	39.299 ug/ml
2) T n-Decane (C10)	4.013	4891353	39.915 ug/ml
3) T A~Naphthalene (C11.7)	5.554	5226947	41.631 ug/ml
4) T n-Dodecane (C12)	6.002	5013804	39.254 ug/ml
5) T A~2-methylnaphthalene...	6.599	5000672	39.007 ug/ml
6) T n-Tetradecane (C14)	7.784	4970458	38.228 ug/ml
7) T n-Hexadecane (C16)	9.374	4962692	37.372 ug/ml
8) T n-Octadecane (C18)	10.807	5105610	38.401 ug/ml
10) T n-Eicosane (C20)	12.111	4967355	37.912 ug/ml
11) T n-Heneicosane (C21)	12.719	4855973	37.217 ug/ml
13) T n-Docosane (C22)	13.302	4801083	37.061 ug/ml
14) T n-Tetracosane (C24)	14.399	5345653	42.317 ug/ml
15) T n-Hexacosane (C26)	15.418	4706239	38.961 ug/ml
16) T n-Octacosane (C28)	16.362	4695628	39.655 ug/mlm
17) T n-Tricontane (C30)	17.247	4601131	40.334 ug/mlm
18) T n-Dotriacontane (C32)	18.074	4713231	43.995 ug/ml
19) T n-Tetratriacontane (C34)	18.854	4385576	43.406 ug/ml
20) T n-Hexatriacontane (C36)	19.592	4236563	44.339 ug/ml
21) T n-Octatriacontane (C38)	20.290	4094234	44.493 ug/ml
22) T n-Tetracontane (C40)	21.033	4003558	43.077 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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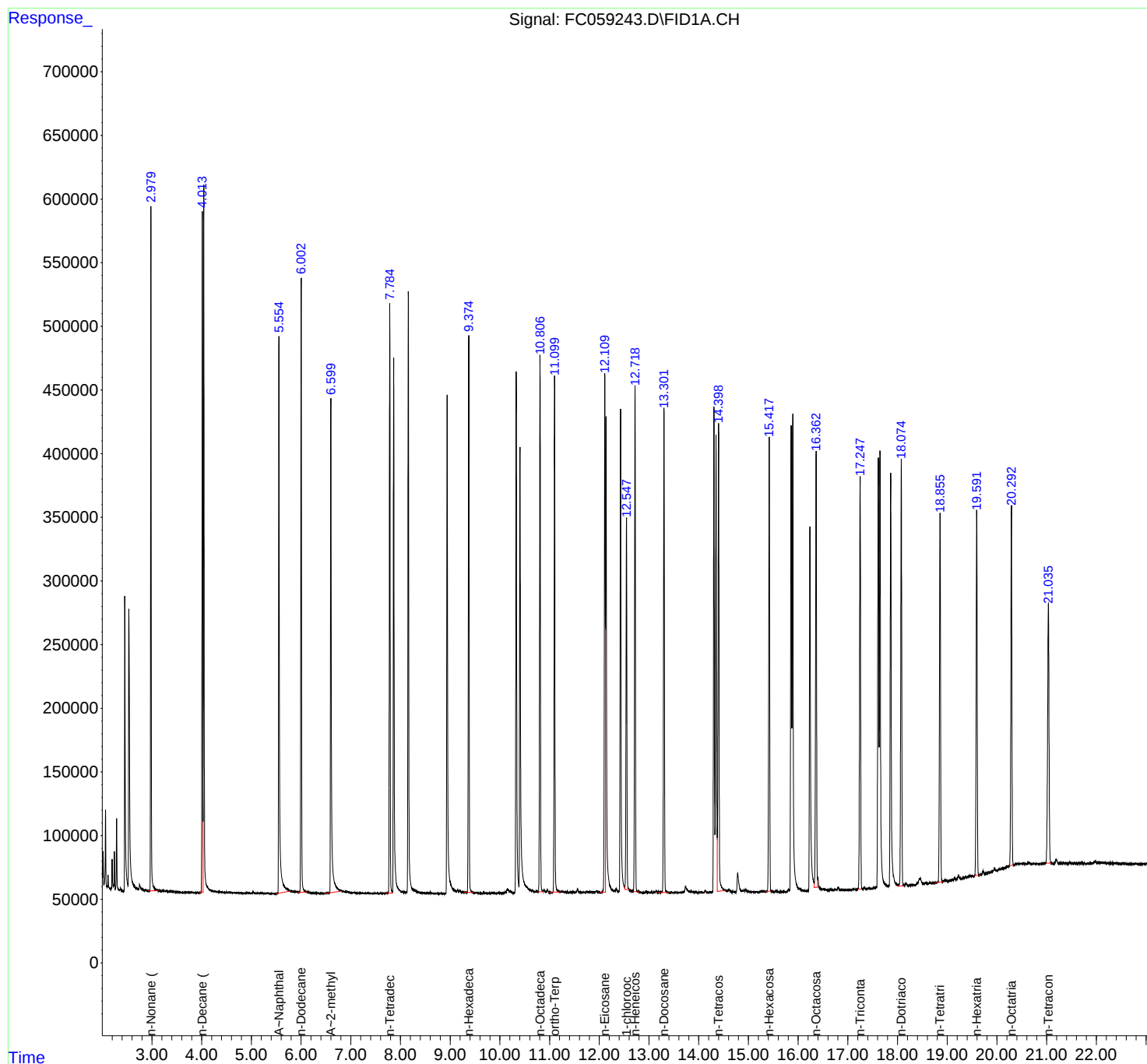
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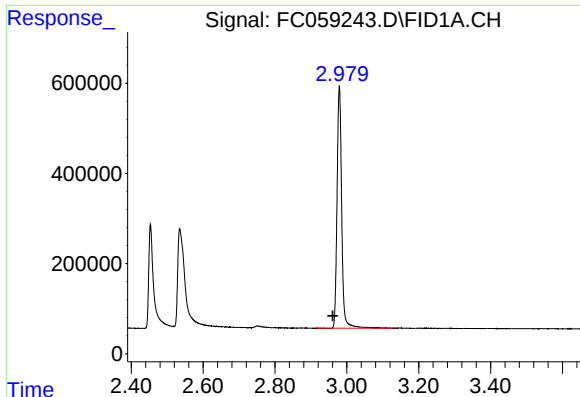
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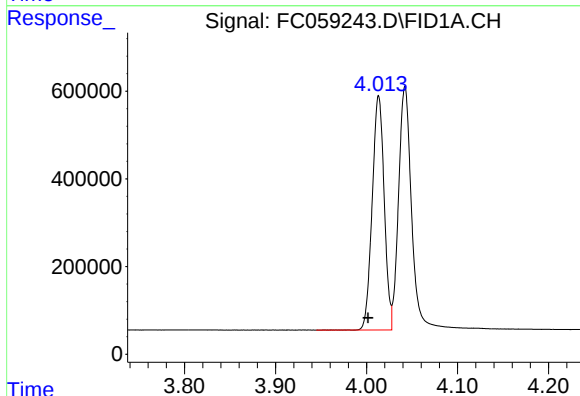
#1 n-Nonane (C9)

R.T.: 2.979 min
Delta R.T.: 0.018 min
Response: 4815920
Conc: 39.30 ug/ml

Instrument :
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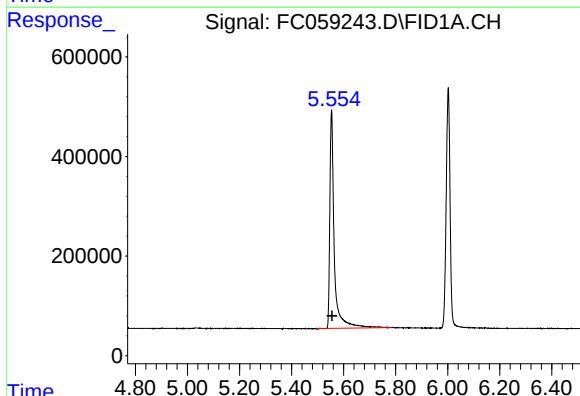
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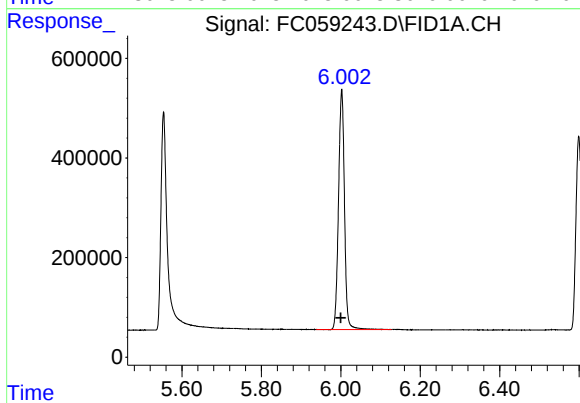
#2 n-Decane (C10)

R.T.: 4.013 min
Delta R.T.: 0.012 min
Response: 4891353
Conc: 39.91 ug/ml



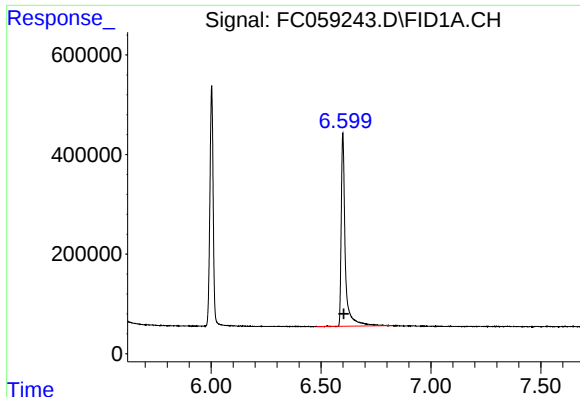
#3 A~Naphthalene (C11.7)

R.T.: 5.554 min
Delta R.T.: -0.001 min
Response: 5226947
Conc: 41.63 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.002 min
Delta R.T.: 0.002 min
Response: 5013804
Conc: 39.25 ug/ml



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

R.T.: 6.599 min
Delta R.T.: -0.003 min
Response: 5000672
Conc: 39.01 ug/ml

Instrument :

FID_C

ClientSampleId :

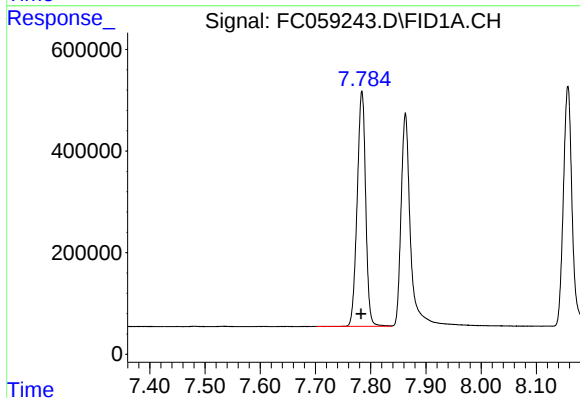
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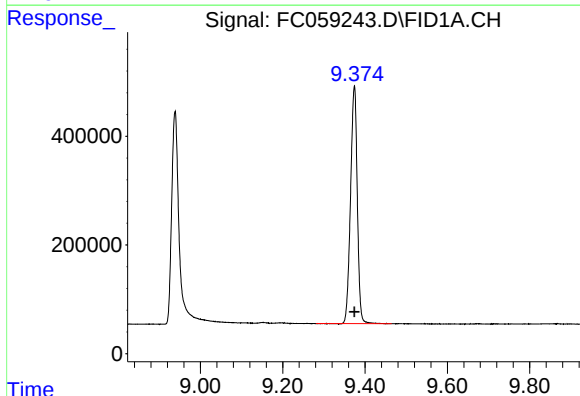
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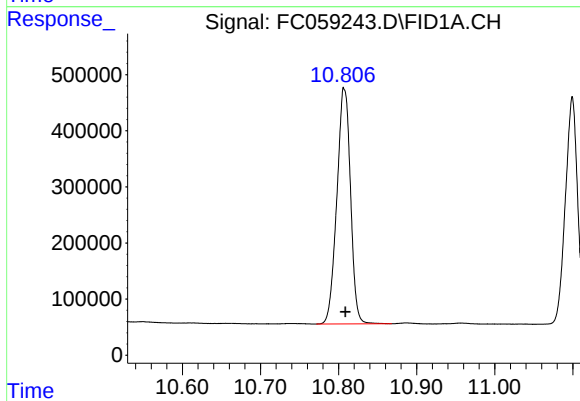
#6 n-Tetradecane (C14)

R.T.: 7.784 min
Delta R.T.: 0.002 min
Response: 4970458
Conc: 38.23 ug/ml



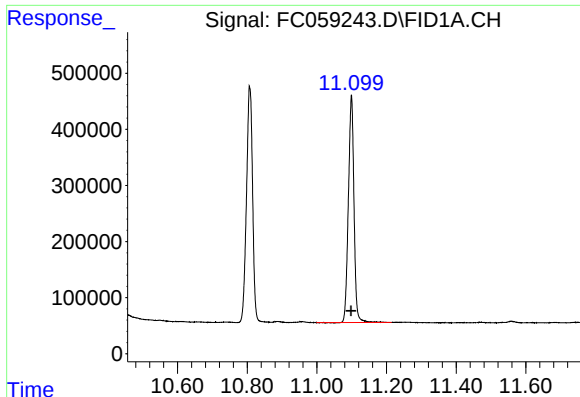
#7 n-Hexadecane (C16)

R.T.: 9.374 min
Delta R.T.: 0.000 min
Response: 4962692
Conc: 37.37 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.807 min
Delta R.T.: -0.001 min
Response: 5105610
Conc: 38.40 ug/ml



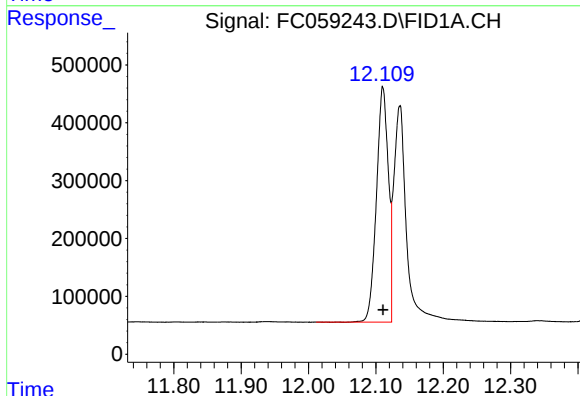
#9 ortho-Terphenyl (SURR)

R.T.: 11.099 min
Delta R.T.: 0.000 min
Response: 4521107
Conc: 31.38 ug/ml

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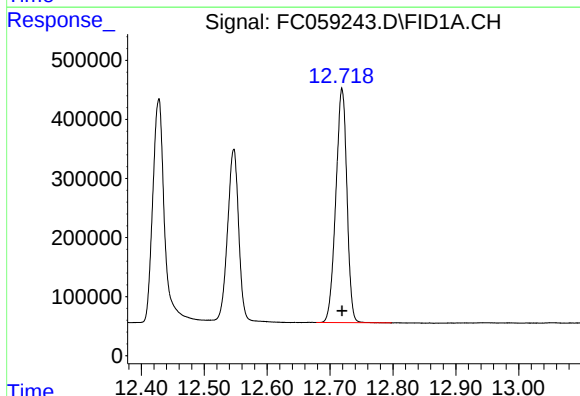
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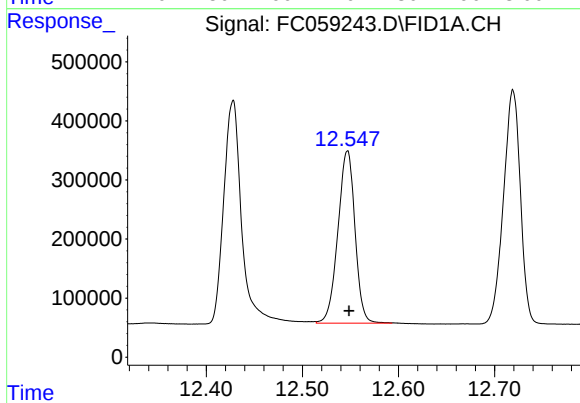
#10 n-Eicosane (C20)

R.T.: 12.111 min
Delta R.T.: 0.000 min
Response: 4967355
Conc: 37.91 ug/ml



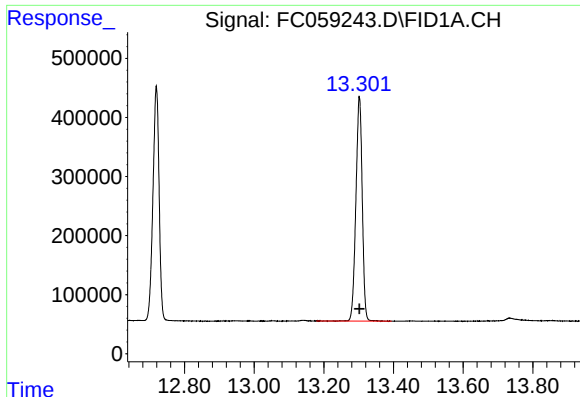
#11 n-Heneicosane (C21)

R.T.: 12.719 min
Delta R.T.: 0.000 min
Response: 4855973
Conc: 37.22 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.547 min
Delta R.T.: -0.001 min
Response: 3583705
Conc: 31.97 ug/ml m



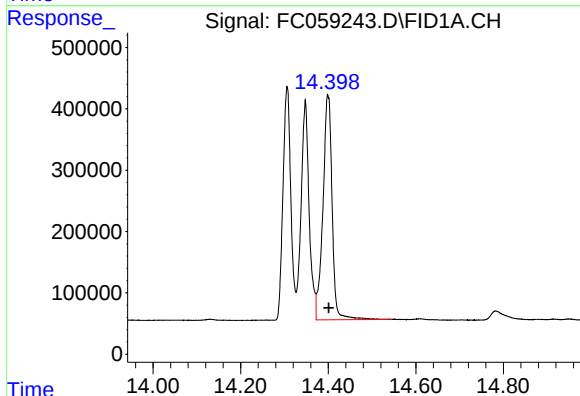
#13 n-Docosane (C22)

R.T.: 13.302 min
Delta R.T.: 0.000 min
Response: 4801083
Conc: 37.06 ug/ml

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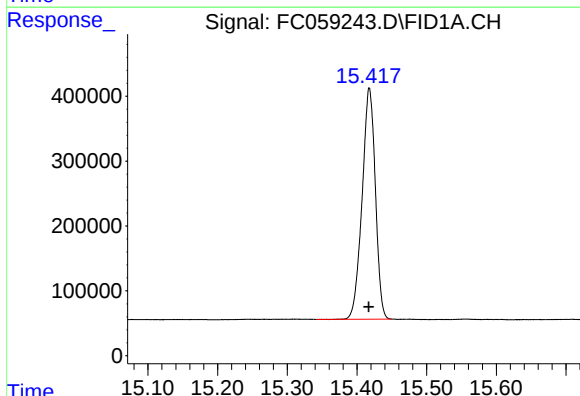
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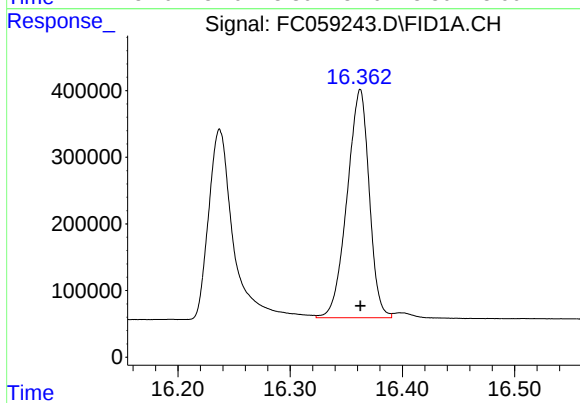
#14 n-Tetracosane (C24)

R.T.: 14.399 min
Delta R.T.: -0.002 min
Response: 5345653
Conc: 42.32 ug/ml



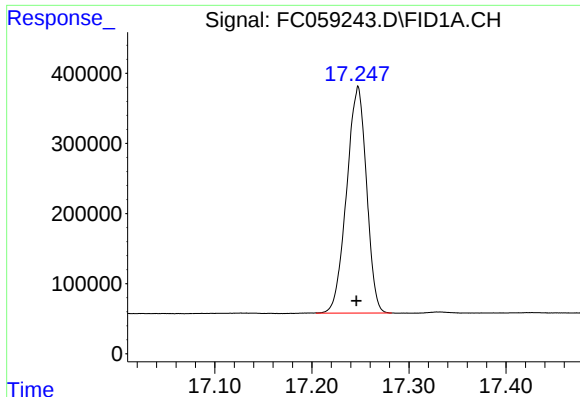
#15 n-Hexacosane (C26)

R.T.: 15.418 min
Delta R.T.: 0.000 min
Response: 4706239
Conc: 38.96 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.362 min
Delta R.T.: 0.000 min
Response: 4695628
Conc: 39.66 ug/ml m



#17 n-Tricontane (C30)

R.T.: 17.247 min
Delta R.T.: 0.001 min
Response: 4601131
Conc: 40.33 ug/ml

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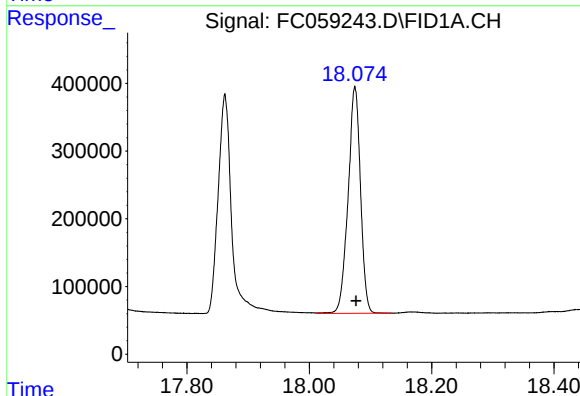
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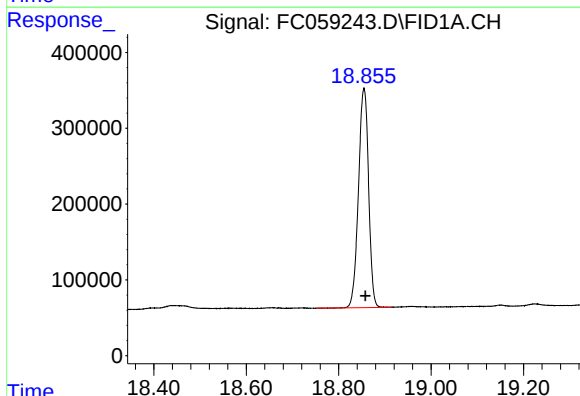
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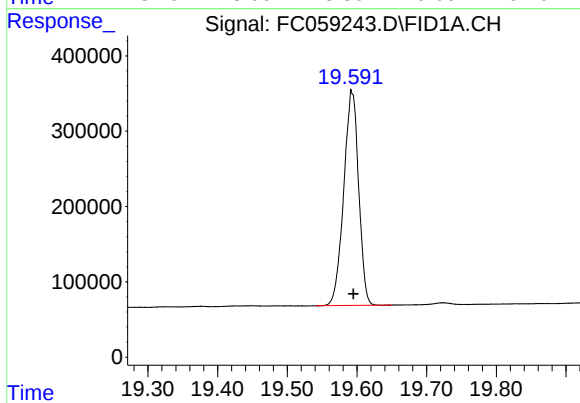
#18 n-Dotriacontane (C32)

R.T.: 18.074 min
Delta R.T.: -0.002 min
Response: 4713231
Conc: 44.00 ug/ml



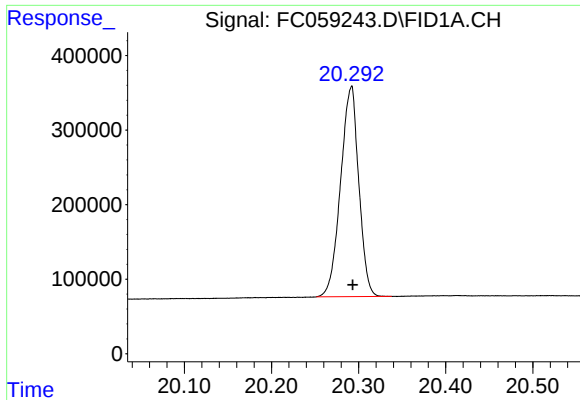
#19 n-Tetratriacontane (C34)

R.T.: 18.854 min
Delta R.T.: -0.003 min
Response: 4385576
Conc: 43.41 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.592 min
Delta R.T.: -0.002 min
Response: 4236563
Conc: 44.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.290 min
Delta R.T.: -0.003 min
Response: 4094234
Conc: 44.49 ug/ml

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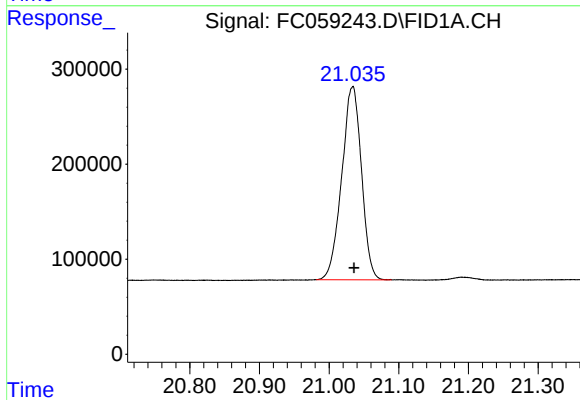
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#22 n-Tetracontane (C40)

R.T.: 21.033 min
Delta R.T.: -0.002 min
Response: 4003558
Conc: 43.08 ug/ml