

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041922AL\
 Data File : FC059303.D
 Signal(s) : FID1A.CH
 Acq On : 19 Apr 2022 17:10
 Operator : UA/NP
 Sample : PB144211BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB144211BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/20/2022
 Supervised By :mohammad ahmed 04/20/2022

Integration File: autoint1.e
 Quant Time: Apr 20 01:07:59 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)	11.105	5509946	38.242 ug/ml
Spiked Amount 50.000		Recovery =	76.48%
12) S 1-chlorooctadecane (S...	12.552	4381183	39.085 ug/ml
Spiked Amount 50.000		Recovery =	78.17%
Target Compounds			
1) T n-Nonane (C9)	2.973	4732679	38.620 ug/ml
2) T n-Decane (C10)	4.010	4904111	40.019 ug/ml
3) T A~Naphthalene (C11.7)	5.554	5471041	43.575 ug/ml
4) T n-Dodecane (C12)	6.004	5230915	40.954 ug/ml
5) T A~2-methylnaphthalene...	6.602	5352868	41.755 ug/ml
6) T n-Tetradecane (C14)	7.788	5344109	41.102 ug/ml
7) T n-Hexadecane (C16)	9.378	5364134	40.395 ug/ml
8) T n-Octadecane (C18)	10.813	5553780	41.772 ug/ml
10) T n-Eicosane (C20)	12.116	5370342	40.987 ug/ml
11) T n-Heneicosane (C21)	12.725	5241460	40.171 ug/ml
13) T n-Docosane (C22)	13.308	5197714	40.123 ug/ml
14) T n-Tetracosane (C24)	14.405	5627925	44.551 ug/ml
15) T n-Hexacosane (C26)	15.423	4980270	41.230 ug/mlm
16) T n-Octacosane (C28)	16.368	5003510	42.255 ug/ml
17) T n-Tricontane (C30)	17.254	4733220	41.492 ug/ml
18) T n-Dotriacontane (C32)	18.082	4703095	43.901 ug/ml
19) T n-Tetratriacontane (C34)	18.864	4177898	41.350 ug/mlm
20) T n-Hexatriacontane (C36)	19.600	3724071	38.976 ug/ml
21) T n-Octatriacontane (C38)	20.299	3294316	35.800 ug/ml
22) T n-Tetracontane (C40)	21.043	2953462	31.779 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 9 Sample Multiplier: 1

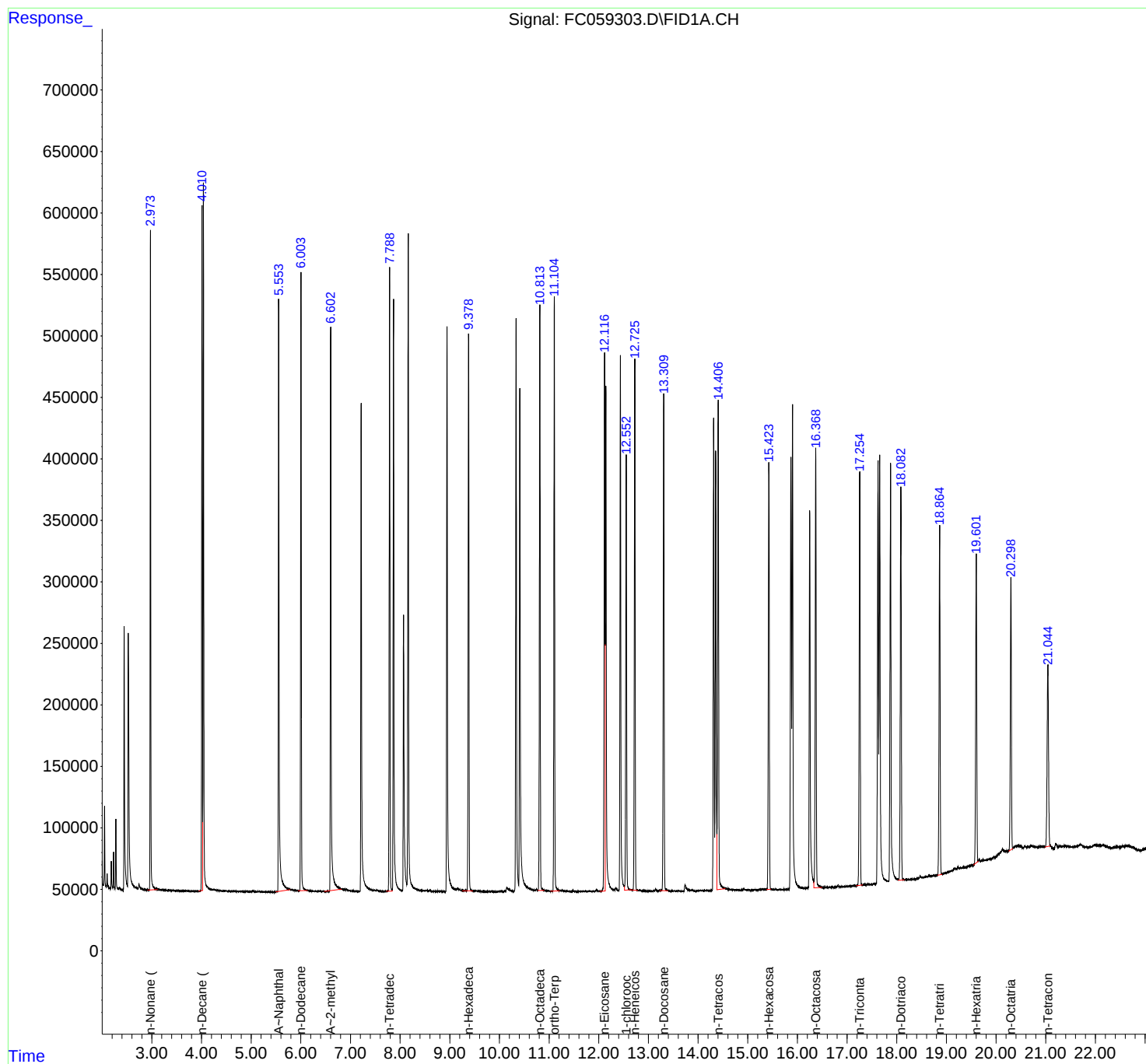
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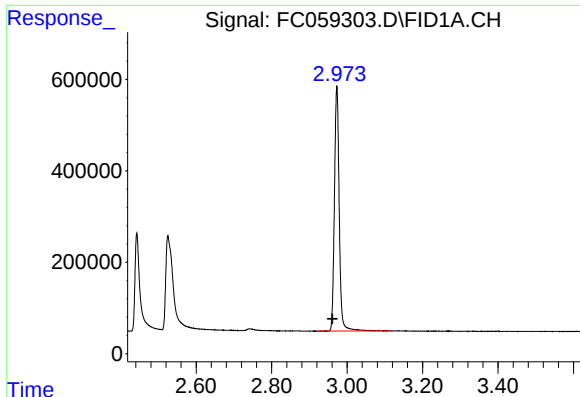
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#1 n-Nonane (C9)

R.T.: 2.973 min
Delta R.T.: 0.012 min
Response: 4732679
Conc: 38.62 ug/ml

Instrument :

FID_C

ClientSampleId :

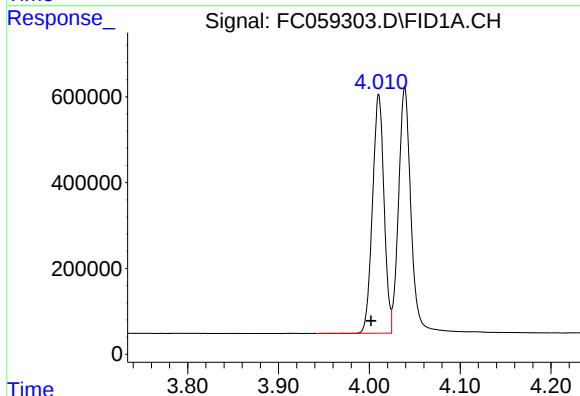
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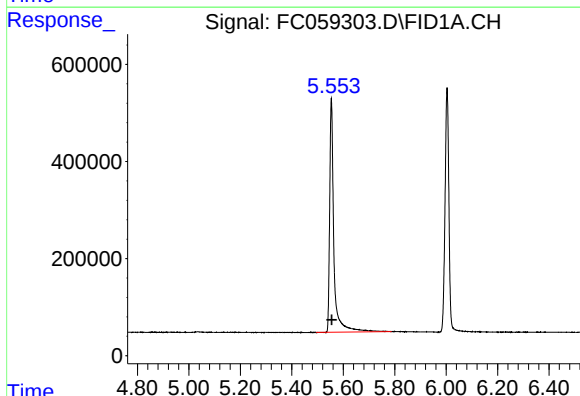
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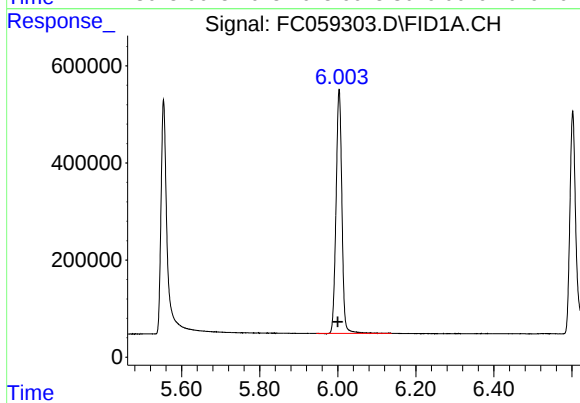
#2 n-Decane (C10)

R.T.: 4.010 min
Delta R.T.: 0.009 min
Response: 4904111
Conc: 40.02 ug/ml



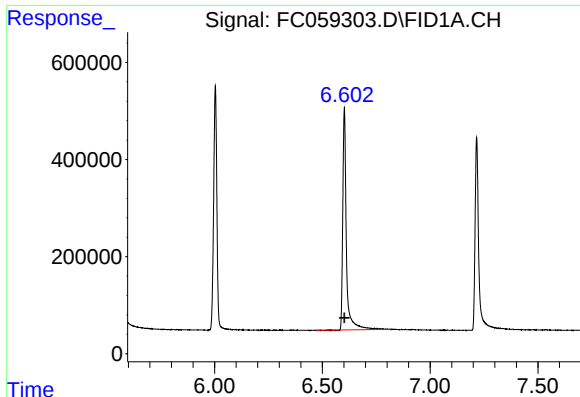
#3 A~Naphthalene (C11.7)

R.T.: 5.554 min
Delta R.T.: -0.001 min
Response: 5471041
Conc: 43.58 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.004 min
Delta R.T.: 0.004 min
Response: 5230915
Conc: 40.95 ug/ml



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

R.T.: 6.602 min
Delta R.T.: 0.000 min
Response: 5352868
Conc: 41.75 ug/ml

Instrument :

FID_C

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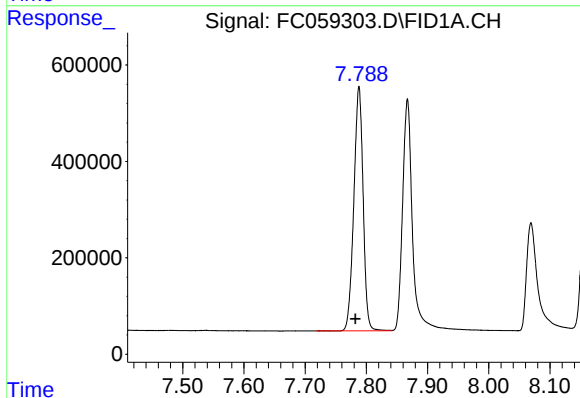
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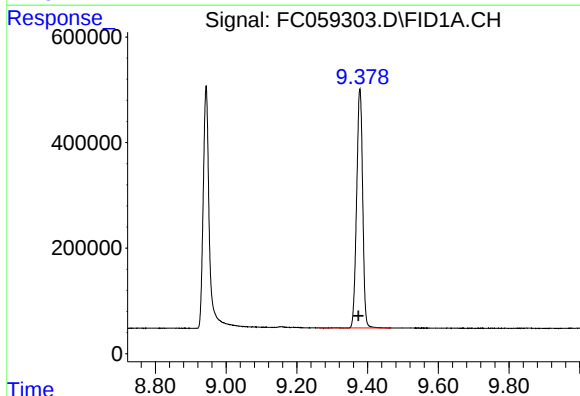
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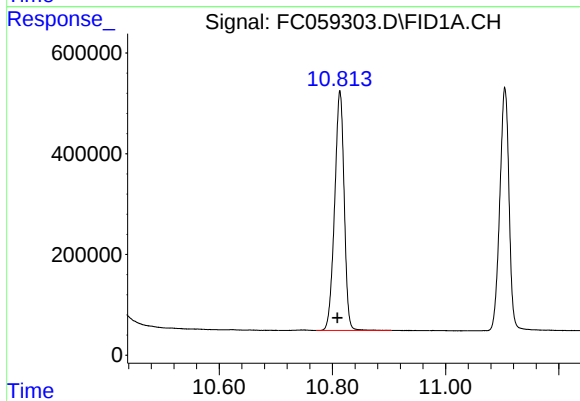
#6 n-Tetradecane (C14)

R.T.: 7.788 min
Delta R.T.: 0.005 min
Response: 5344109
Conc: 41.10 ug/ml



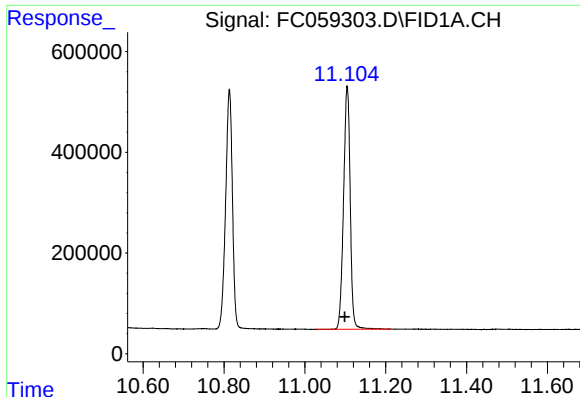
#7 n-Hexadecane (C16)

R.T.: 9.378 min
Delta R.T.: 0.004 min
Response: 5364134
Conc: 40.39 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.813 min
Delta R.T.: 0.005 min
Response: 5553780
Conc: 41.77 ug/ml



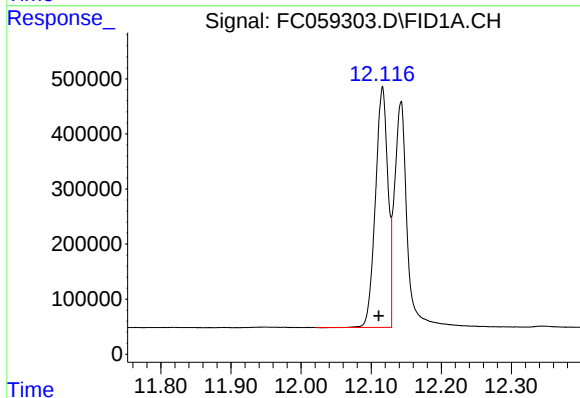
#9 ortho-Terphenyl (SURR)

R.T.: 11.105 min
Delta R.T.: 0.006 min
Response: 5509946
Conc: 38.24 ug/ml

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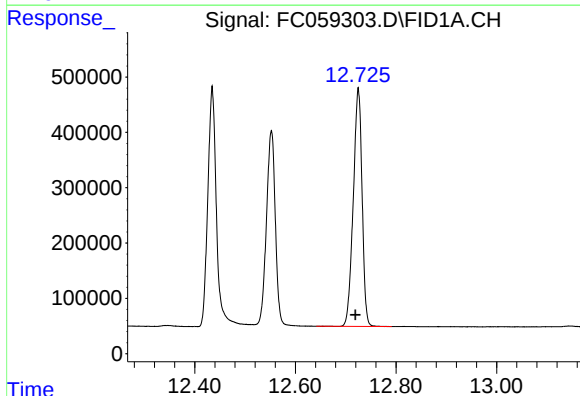
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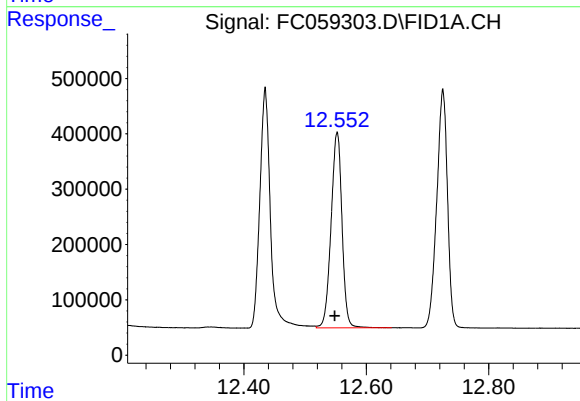
#10 n-Eicosane (C20)

R.T.: 12.116 min
Delta R.T.: 0.005 min
Response: 5370342
Conc: 40.99 ug/ml



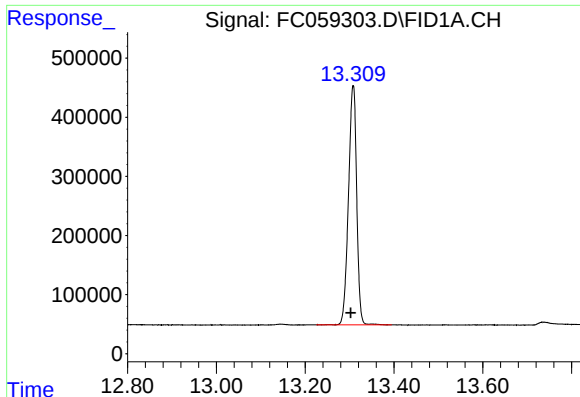
#11 n-Heneicosane (C21)

R.T.: 12.725 min
Delta R.T.: 0.005 min
Response: 5241460
Conc: 40.17 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.552 min
Delta R.T.: 0.004 min
Response: 4381183
Conc: 39.08 ug/ml



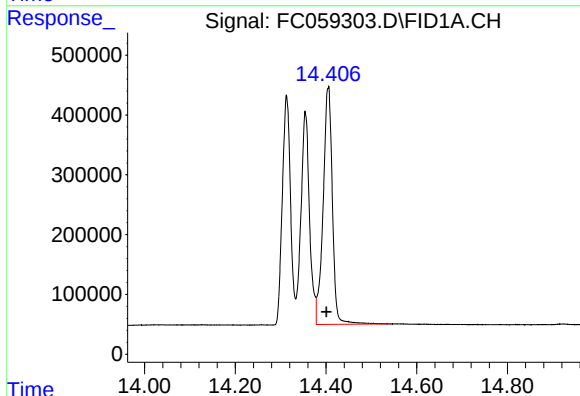
#13 n-Docosane (C22)

R.T.: 13.308 min
Delta R.T.: 0.005 min
Response: 5197714
Conc: 40.12 ug/ml

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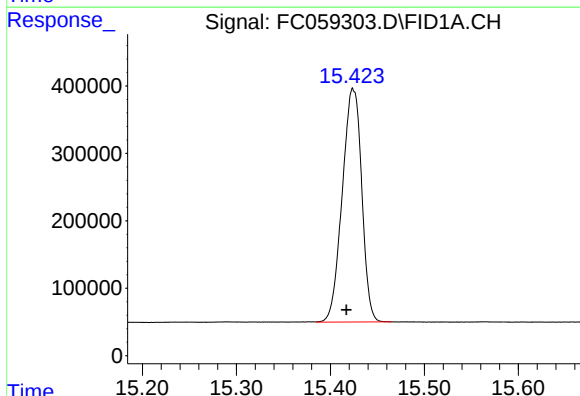
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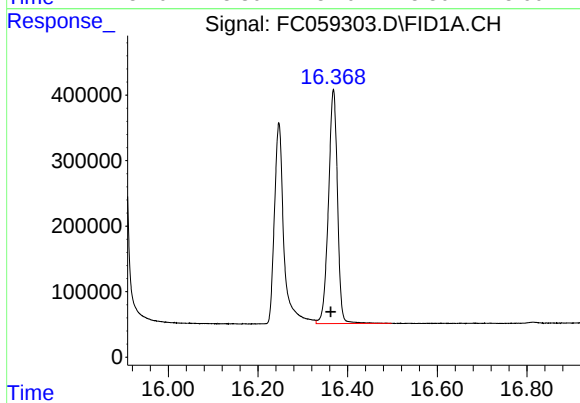
#14 n-Tetracosane (C24)

R.T.: 14.405 min
Delta R.T.: 0.004 min
Response: 5627925
Conc: 44.55 ug/ml



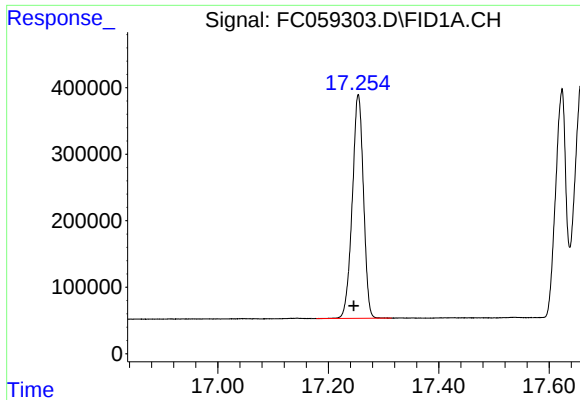
#15 n-Hexacosane (C26)

R.T.: 15.423 min
Delta R.T.: 0.006 min
Response: 4980270
Conc: 41.23 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.368 min
Delta R.T.: 0.006 min
Response: 5003510
Conc: 42.26 ug/ml



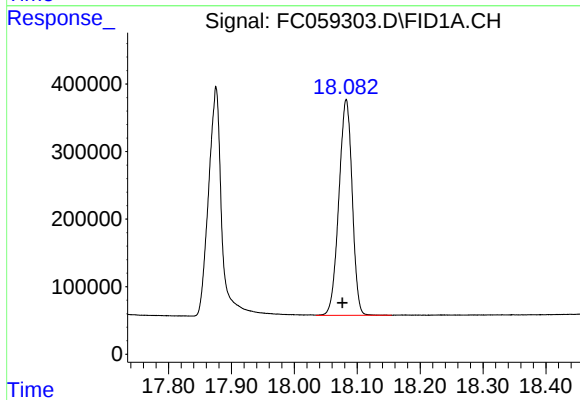
#17 n-Tricontane (C30)

R.T.: 17.254 min
Delta R.T.: 0.008 min
Response: 4733220
Conc: 41.49 ug/ml

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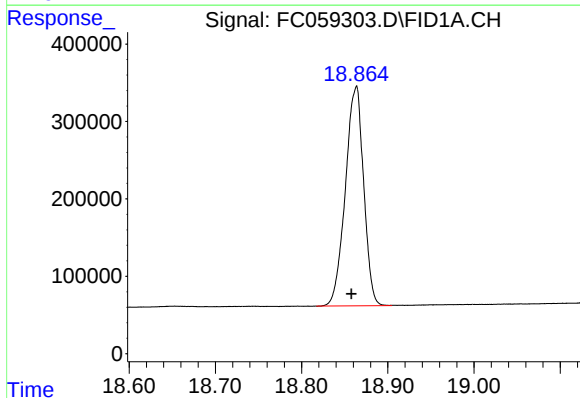
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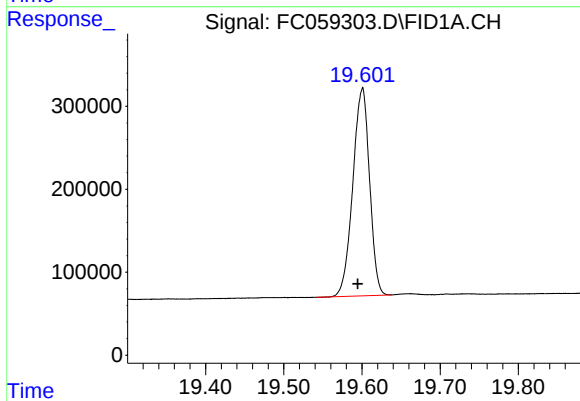
#18 n-Dotriacontane (C32)

R.T.: 18.082 min
Delta R.T.: 0.006 min
Response: 4703095
Conc: 43.90 ug/ml



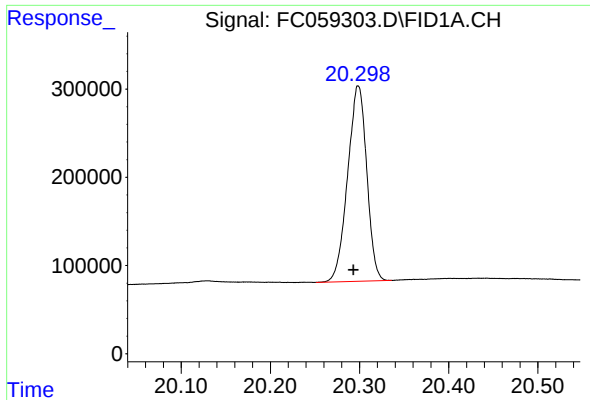
#19 n-Tetratriacontane (C34)

R.T.: 18.864 min
Delta R.T.: 0.006 min
Response: 4177898
Conc: 41.35 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.600 min
Delta R.T.: 0.005 min
Response: 3724071
Conc: 38.98 ug/ml



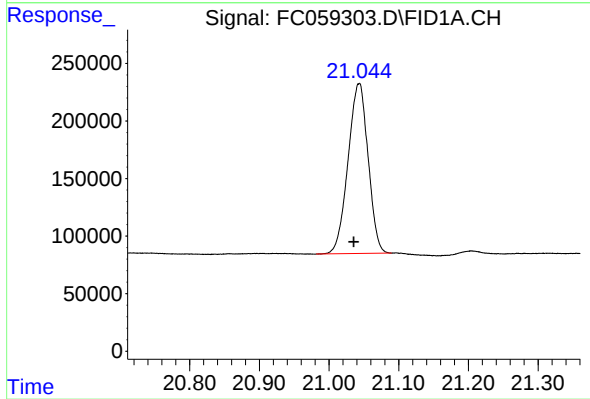
#21 n-Octatriacontane (C38)

R.T.: 20.299 min
Delta R.T.: 0.005 min
Response: 3294316
Conc: 35.80 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.043 min
Delta R.T.: 0.007 min
Response: 2953462
Conc: 31.78 ug/ml