

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042321AL\
 Data File : FC053376.D
 Signal(s) : FID1A.CH
 Acq On : 24 Apr 2021 13:58
 Operator : DD\AJ
 Sample : M2110-04MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 S-8MS

Manual Integrations
 APPROVED

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 4/27/2021 10:40:29 AM

Integration File: sample.E
 Quant Time: Apr 25 23:05:06 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 042021.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 21 11:02:12 2021
 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)	11.556	3817424	27.584 ug/ml
Spiked Amount 50.000		Recovery =	55.17%
12) S 1-chlorooctadecane (S...	12.996	2996168	27.683 ug/ml
Spiked Amount 50.000		Recovery =	55.37%
Target Compounds			
1) T n-Nonane (C9)	3.309	3931544	33.889 ug/ml
2) T n-Decane (C10)	4.374	4541403	38.804 ug/ml
3) T A~Naphthalene (C11.7)	5.959	5284383	40.620 ug/ml
4) T n-Dodecane (C12)	6.393	4998727	41.888 ug/ml
5) T A~2-methylnaphthalene...	7.018	5368064	40.612 ug/ml
6) T n-Tetradecane (C14)	8.194	5527806	45.420 ug/ml
7) T n-Hexadecane (C16)	9.797	6083199	50.556 ug/ml
8) T n-Octadecane (C18)	11.241	6344253	50.068 ug/ml
10) T n-Eicosane (C20)	12.553	6035008	47.060 ug/ml
11) T n-Heneicosane (C21)	13.166	5894542	45.898 ug/ml
13) T n-Docosane (C22)	13.754	5776575	44.821 ug/ml
14) T n-Tetracosane (C24)	14.849	10710009	82.923 ug/ml
15) T n-Hexacosane (C26)	15.882	5204636	40.498 ug/ml
16) T n-Octacosane (C28)	16.832	5244393	40.495 ug/ml
17) T n-Tricontane (C30)	17.721	4984449	37.015 ug/ml
18) T n-Dotriacontane (C32)	18.554	4876959	35.561 ug/ml
19) T n-Tetratriacontane (C34)	19.339	4838675	37.079 ug/ml
20) T n-Hexatriacontane (C36)	20.077	4695427	38.781 ug/mlm
21) T n-Octatriacontane (C38)	20.813	4651426	44.143 ug/mlm
22) T n-Tetracontane (C40)	21.721	4856346	46.382 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : M2110-04MS
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ALS Vial : 21 Sample Multiplier: 1

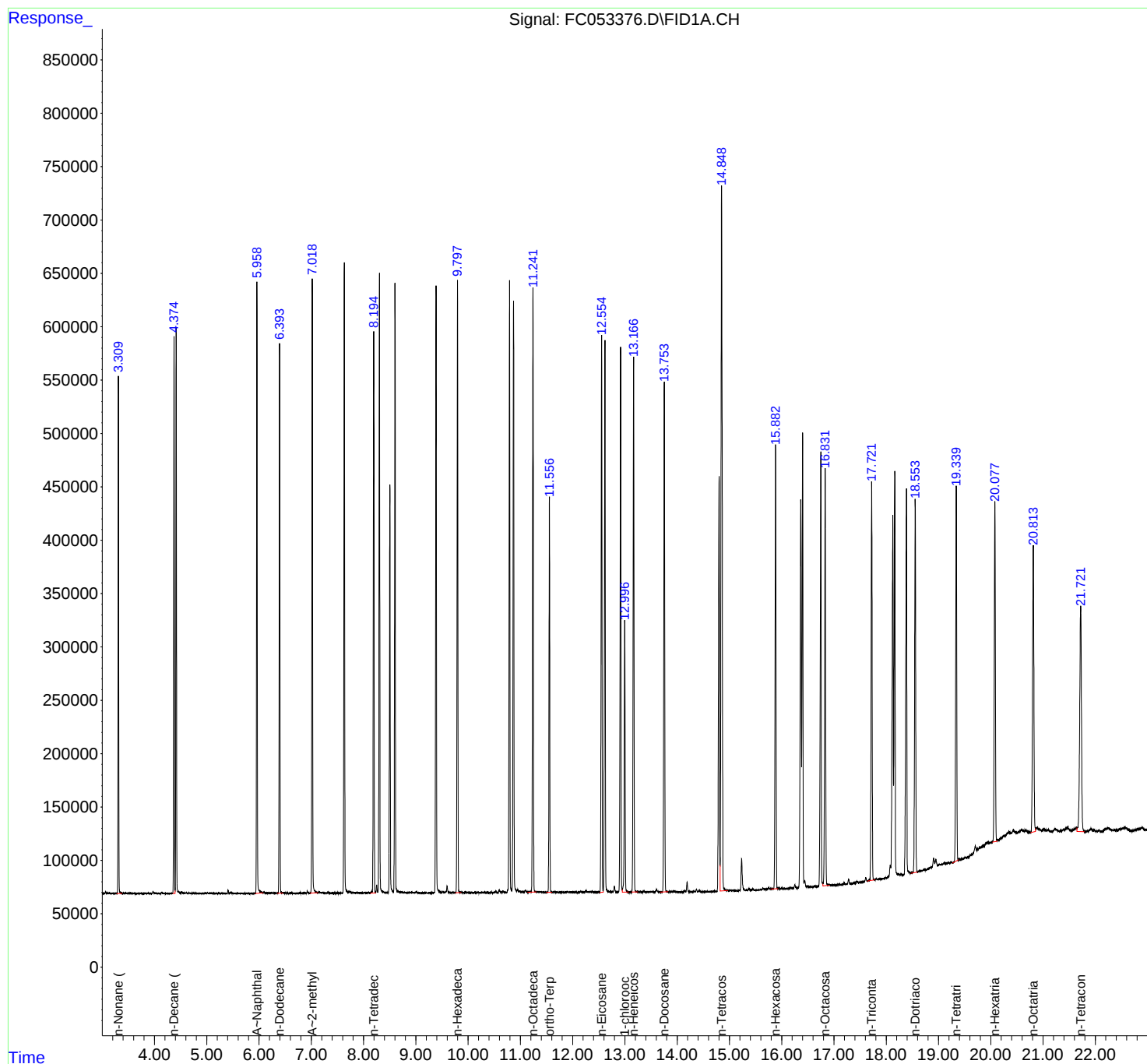
Instrument :
FID_C
ClientSampled :
S-8MS

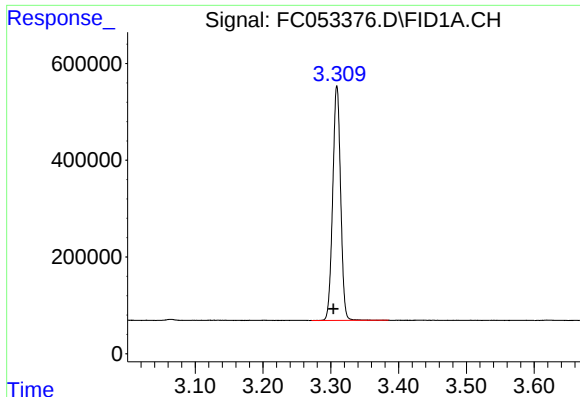
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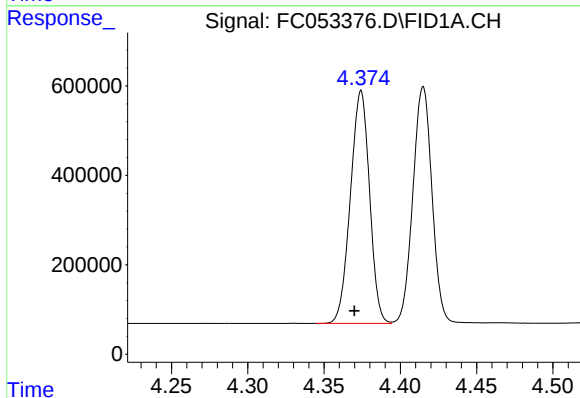
#1 n-Nonane (C9)

R.T.: 3.309 min
Delta R.T.: 0.005 min
Response: 3931544
Conc: 33.89 ug/ml

Instrument :
FID_C
ClientSampleId :
S-8MS

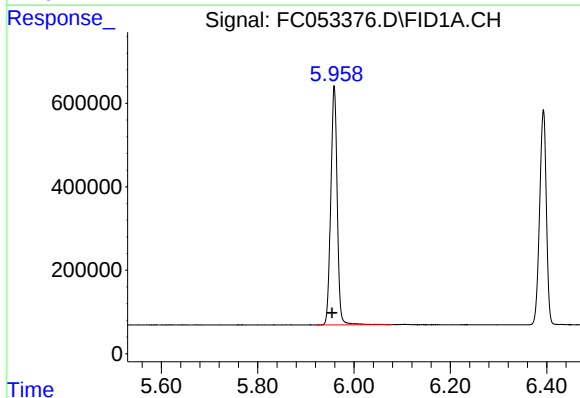
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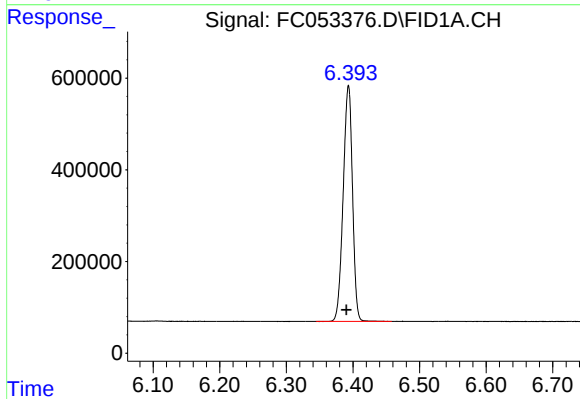
#2 n-Decane (C10)

R.T.: 4.374 min
Delta R.T.: 0.004 min
Response: 4541403
Conc: 38.80 ug/ml



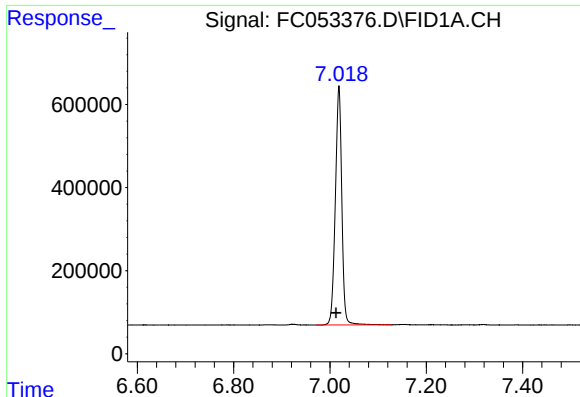
#3 A~Naphthalene (C11.7)

R.T.: 5.959 min
Delta R.T.: 0.004 min
Response: 5284383
Conc: 40.62 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.393 min
Delta R.T.: 0.003 min
Response: 4998727
Conc: 41.89 ug/ml



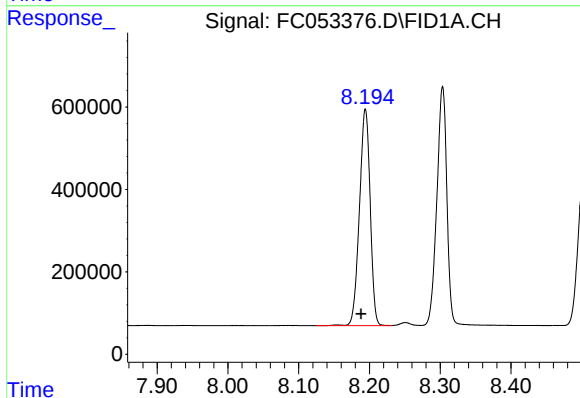
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.018 min
Delta R.T.: 0.006 min
Response: 5368064
Conc: 40.61 ug/ml

Instrument :
FID_C
ClientSampleId :
S-8MS

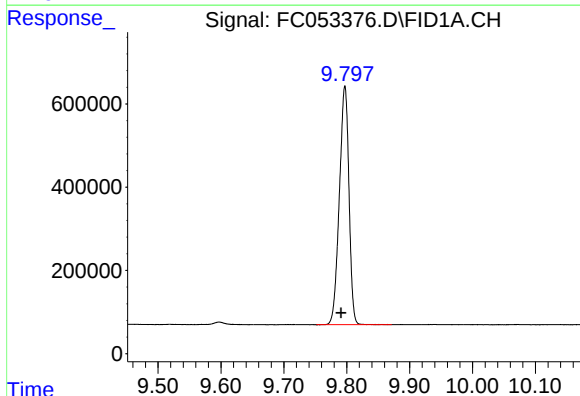
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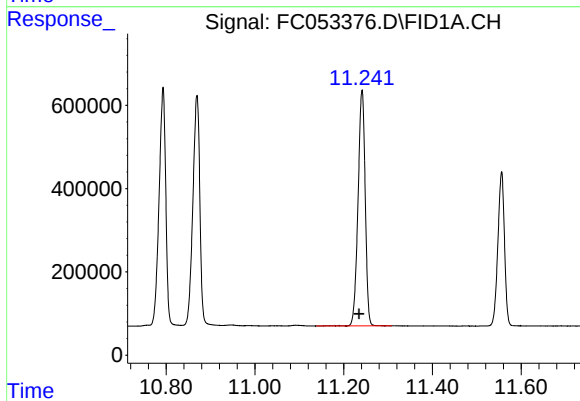
#6 n-Tetradecane (C14)

R.T.: 8.194 min
Delta R.T.: 0.006 min
Response: 5527806
Conc: 45.42 ug/ml



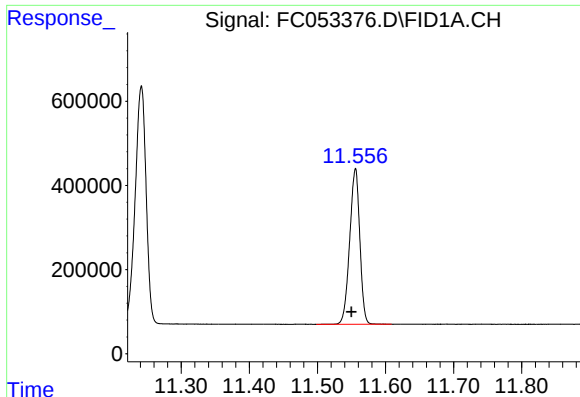
#7 n-Hexadecane (C16)

R.T.: 9.797 min
Delta R.T.: 0.006 min
Response: 6083199
Conc: 50.56 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.241 min
Delta R.T.: 0.006 min
Response: 6344253
Conc: 50.07 ug/ml



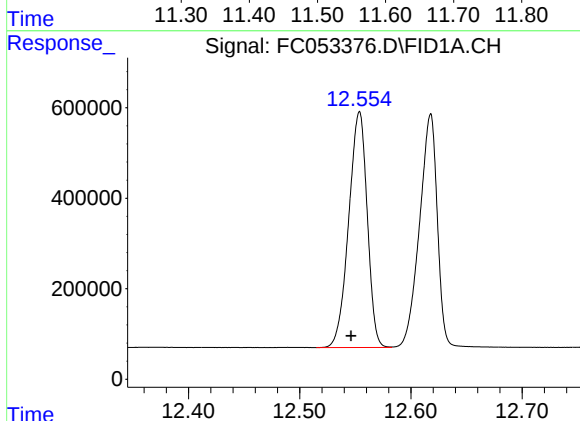
#9 ortho-Terphenyl (SURR)

R.T.: 11.556 min
Delta R.T.: 0.006 min
Response: 3817424
Conc: 27.58 ug/ml

Instrument :
FID_C
ClientSampleId :
S-8MS

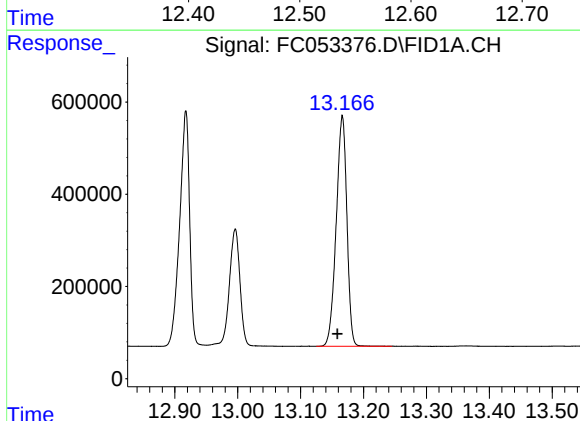
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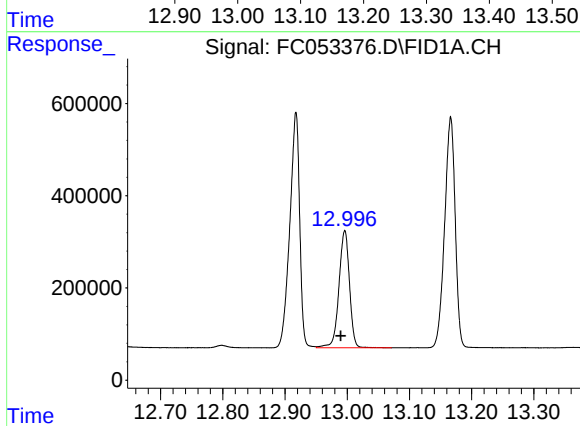
#10 n-Eicosane (C20)

R.T.: 12.553 min
Delta R.T.: 0.007 min
Response: 6035008
Conc: 47.06 ug/ml



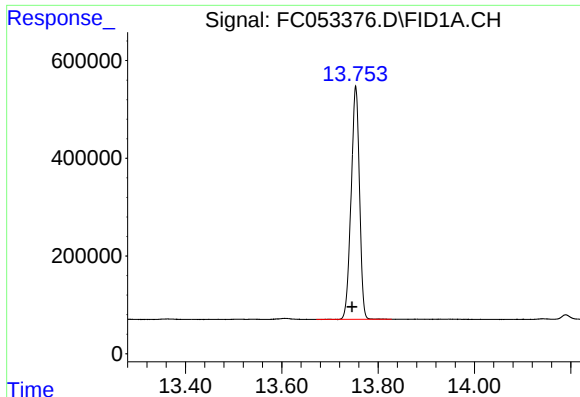
#11 n-Heneicosane (C21)

R.T.: 13.166 min
Delta R.T.: 0.008 min
Response: 5894542
Conc: 45.90 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.996 min
Delta R.T.: 0.006 min
Response: 2996168
Conc: 27.68 ug/ml



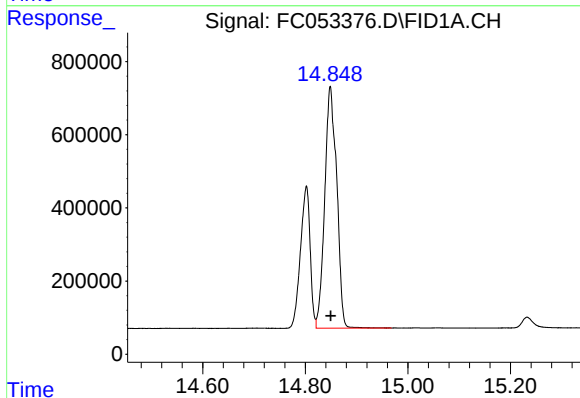
#13 n-Docosane (C22)

R.T.: 13.754 min
Delta R.T.: 0.008 min
Response: 5776575
Conc: 44.82 ug/ml

Instrument :
FID_C
ClientSampleId :
S-8MS

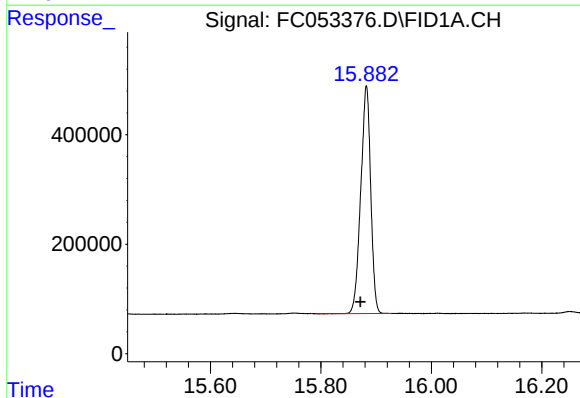
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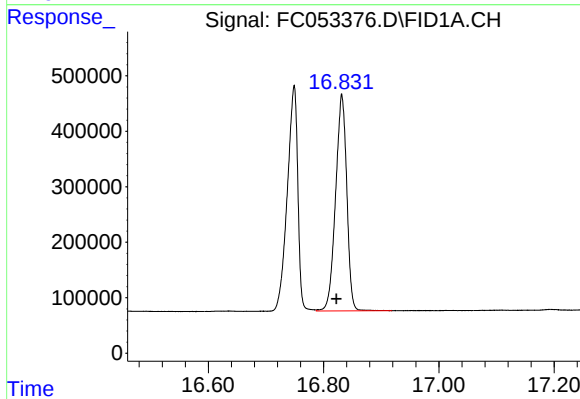
#14 n-Tetracosane (C24)

R.T.: 14.849 min
Delta R.T.: 0.000 min
Response: 10710009
Conc: 82.92 ug/ml



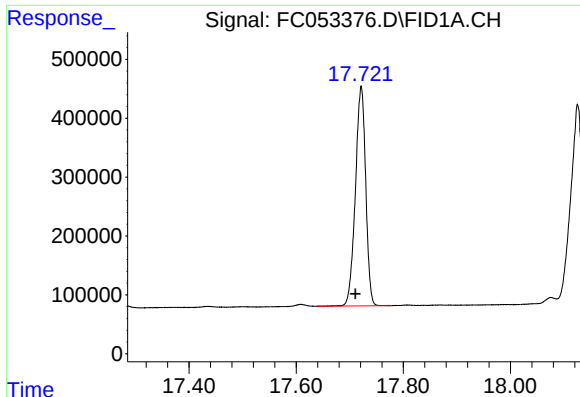
#15 n-Hexacosane (C26)

R.T.: 15.882 min
Delta R.T.: 0.011 min
Response: 5204636
Conc: 40.50 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.832 min
Delta R.T.: 0.010 min
Response: 5244393
Conc: 40.49 ug/ml



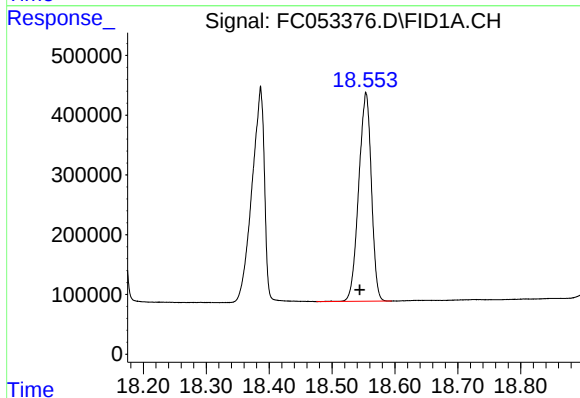
#17 n-Tricontane (C30)

R.T.: 17.721 min
Delta R.T.: 0.010 min
Response: 4984449
Conc: 37.01 ug/ml

Instrument :
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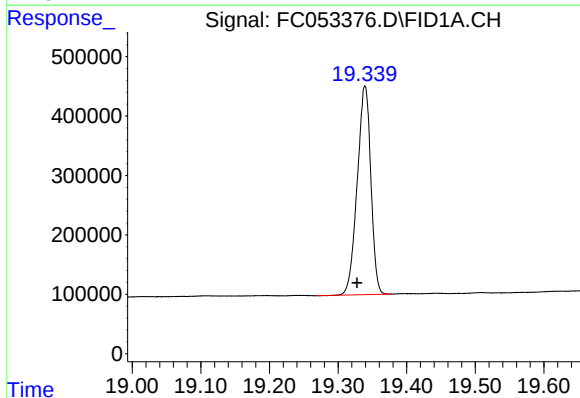
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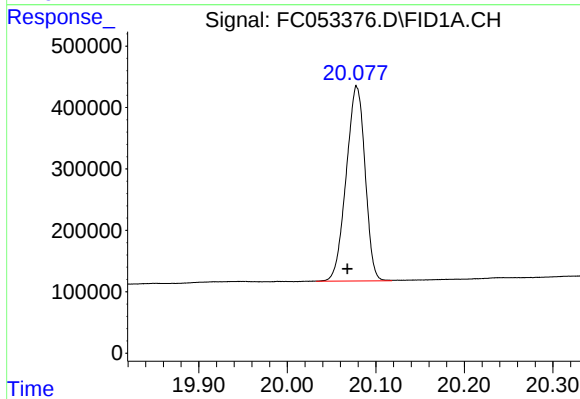
#18 n-Dotriacontane (C32)

R.T.: 18.554 min
Delta R.T.: 0.010 min
Response: 4876959
Conc: 35.56 ug/ml



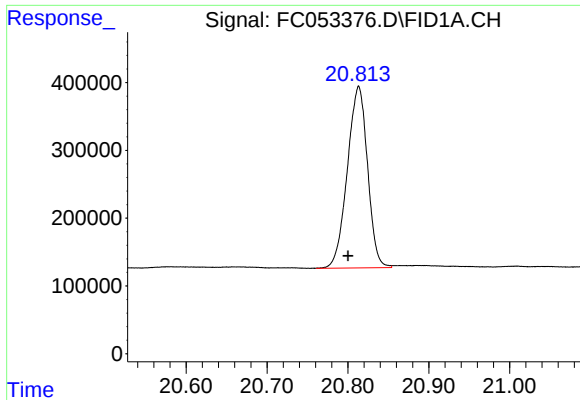
#19 n-Tetratriacontane (C34)

R.T.: 19.339 min
Delta R.T.: 0.012 min
Response: 4838675
Conc: 37.08 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.077 min
Delta R.T.: 0.010 min
Response: 4695427
Conc: 38.78 ug/ml m



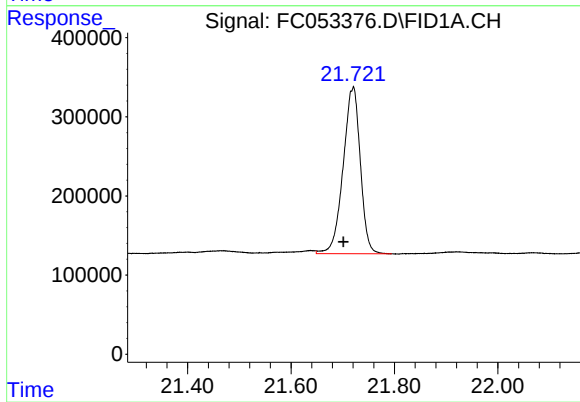
#21 n-Octatriacontane (C38)

R.T.: 20.813 min
Delta R.T.: 0.012 min
Response: 4651426
Conc: 44.14 ug/ml m

Instrument :
FID_C
ClientSampleId :
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#22 n-Tetracontane (C40)

R.T.: 21.721 min
Delta R.T.: 0.019 min
Response: 4856346
Conc: 46.38 ug/ml m