

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031521AL\
 Data File : FC052426.D
 Signal(s) : FID1A.CH
 Acq On : 15 Mar 2021 12:56
 Operator : DD\AJ
 Sample : PB135133BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB135133BSD

Manual Integrations
 APPROVED

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 3/16/2021 11:19:18 AM

Integration File: autoint1.e
 Quant Time: Mar 16 01:30:48 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 030321.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 04 03:56:17 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)	11.613	6966390	52.825 ug/ml
Spiked Amount 50.000		Recovery =	105.65%
12) S 1-chlorooctadecane (S...	13.048	5499004	52.875 ug/ml
Spiked Amount 50.000		Recovery =	105.75%
Target Compounds			
1) T n-Nonane (C9)	3.363	5141504	43.618 ug/ml
2) T n-Decane (C10)	4.427	5699530	47.990 ug/ml
3) T A~Naphthalene (C11.7)	6.014	7031820	52.960 ug/ml
4) T n-Dodecane (C12)	6.446	6549706	54.180 ug/ml
5) T A~2-methylnaphthalene...	7.074	7678366	56.569 ug/ml
6) T n-Tetradecane (C14)	8.248	7342623	60.561 ug/ml
7) T n-Hexadecane (C16)	9.849	7577015	63.327 ug/ml
8) T n-Octadecane (C18)	11.294	7730891	62.453 ug/ml
10) T n-Eicosane (C20)	12.605	7449097	60.454 ug/ml
11) T n-Heneicosane (C21)	13.217	7326973	60.021 ug/ml
13) T n-Docosane (C22)	13.803	7103899	59.041 ug/ml
14) T n-Tetracosane (C24)	14.902	13338119	114.407 ug/ml
15) T n-Hexacosane (C26)	15.931	6377313	58.053 ug/ml
16) T n-Octacosane (C28)	16.879	6239737	60.875 ug/ml
17) T n-Tricontane (C30)	17.768	5856632	62.212 ug/ml
18) T n-Dotriacontane (C32)	18.598	5656043	66.244 ug/ml
19) T n-Tetratriacontane (C34)	19.382	5564891	71.779 ug/ml
20) T n-Hexatriacontane (C36)	20.121	5359682	74.588 ug/mlm
21) T n-Octatriacontane (C38)	20.864	5367435	78.356 ug/ml
22) T n-Tetracontane (C40)	21.787	5502400	76.518 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : PB135133BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

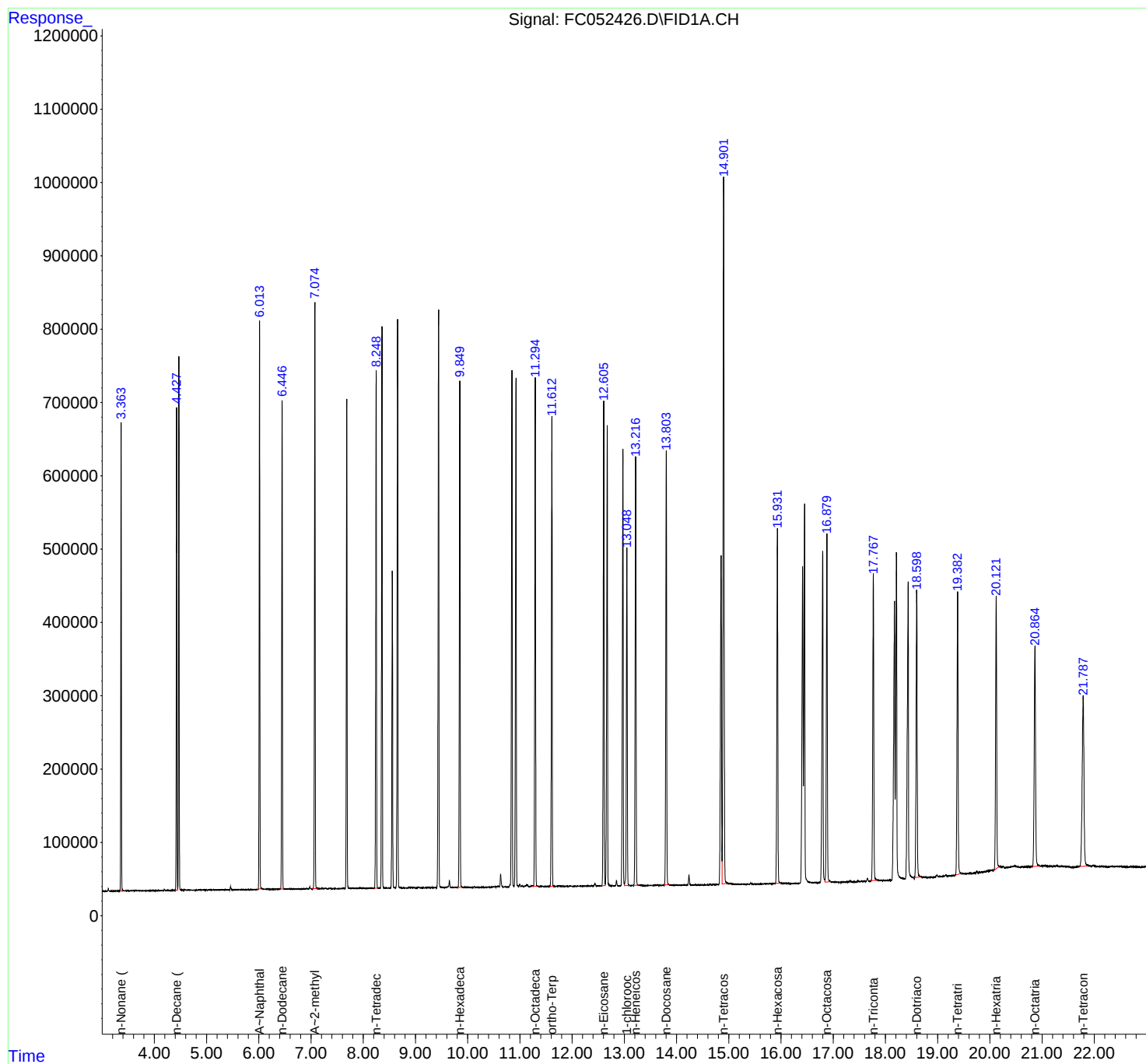
Instrument :
FID_C
ClientSampled :
PB135133BSD

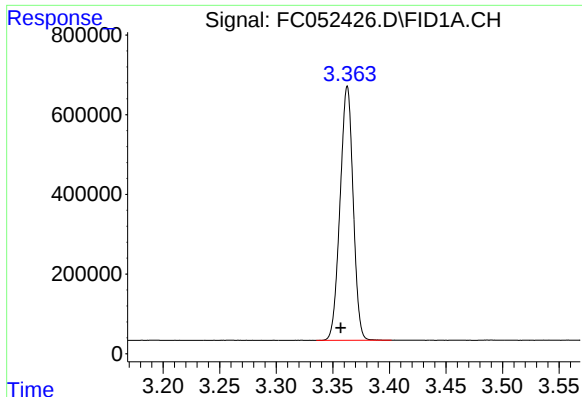
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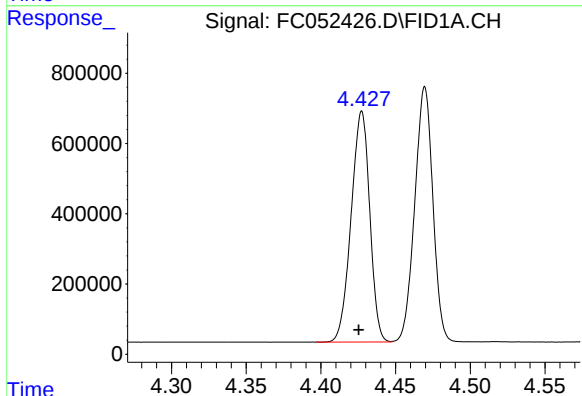
#1 n-Nonane (C9)

R.T.: 3.363 min
Delta R.T.: 0.006 min
Response: 5141504
Conc: 43.62 ug/ml

Instrument :
FID_C
ClientSampleId :
PB135133BSD

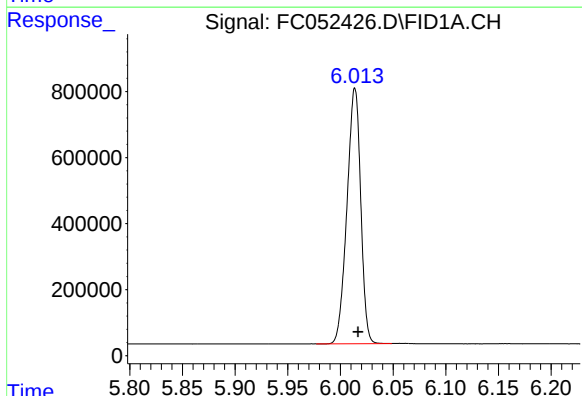
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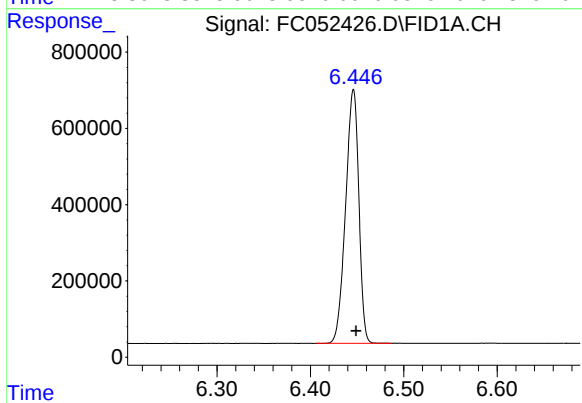
#2 n-Decane (C10)

R.T.: 4.427 min
Delta R.T.: 0.002 min
Response: 5699530
Conc: 47.99 ug/ml



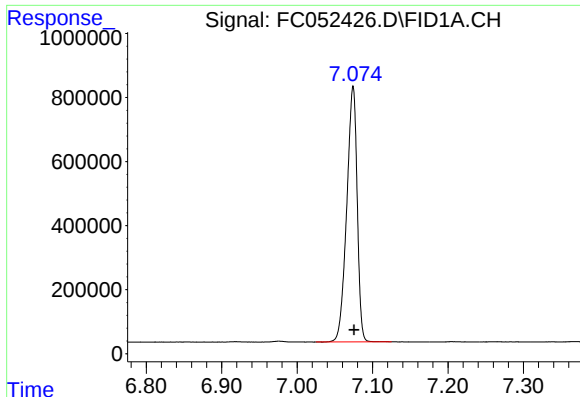
#3 A~Naphthalene (C11.7)

R.T.: 6.014 min
Delta R.T.: -0.003 min
Response: 7031820
Conc: 52.96 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.446 min
Delta R.T.: -0.003 min
Response: 6549706
Conc: 54.18 ug/ml



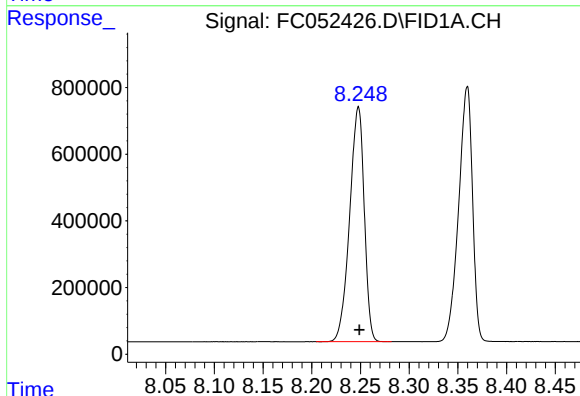
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.074 min
Delta R.T.: -0.001 min
Response: 7678366
Conc: 56.57 ug/ml

Instrument :
FID_C
ClientSampleId :
PB135133BSD

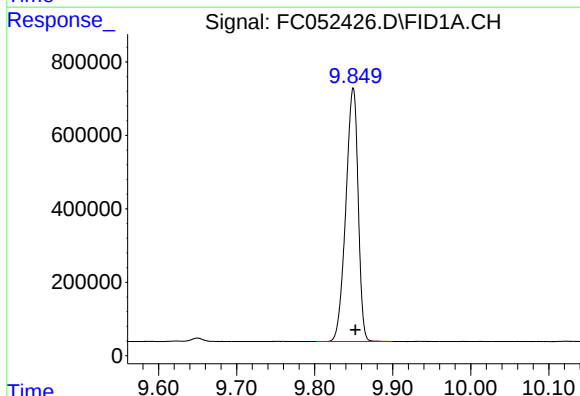
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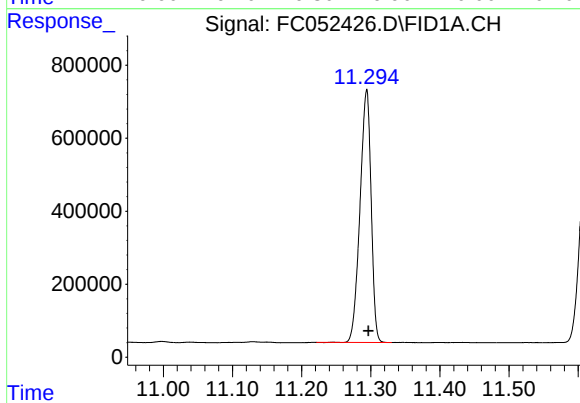
#6 n-Tetradecane (C14)

R.T.: 8.248 min
Delta R.T.: 0.000 min
Response: 7342623
Conc: 60.56 ug/ml



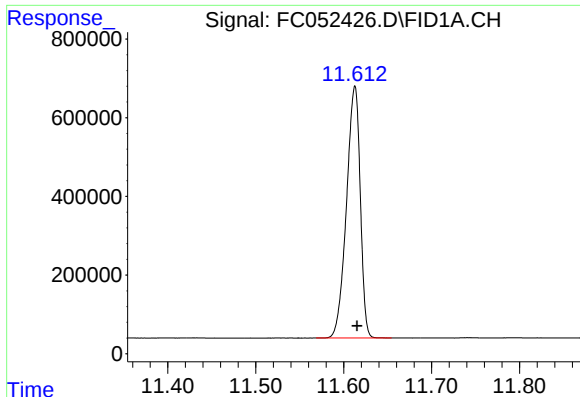
#7 n-Hexadecane (C16)

R.T.: 9.849 min
Delta R.T.: -0.003 min
Response: 7577015
Conc: 63.33 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.294 min
Delta R.T.: -0.003 min
Response: 7730891
Conc: 62.45 ug/ml



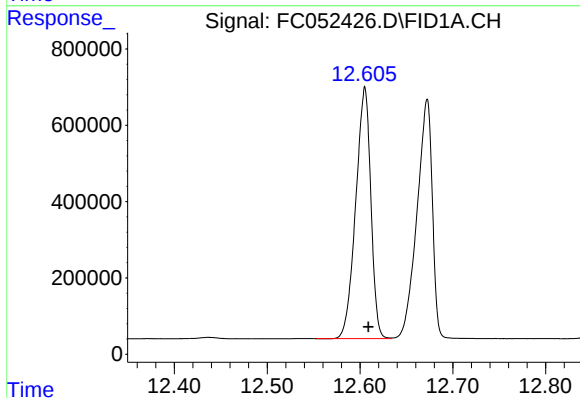
#9 ortho-Terphenyl (SURR)

R.T.: 11.613 min
Delta R.T.: -0.002 min
Response: 6966390
Conc: 52.83 ug/ml

Instrument :
FID_C
ClientSampleId :
PB135133BSD

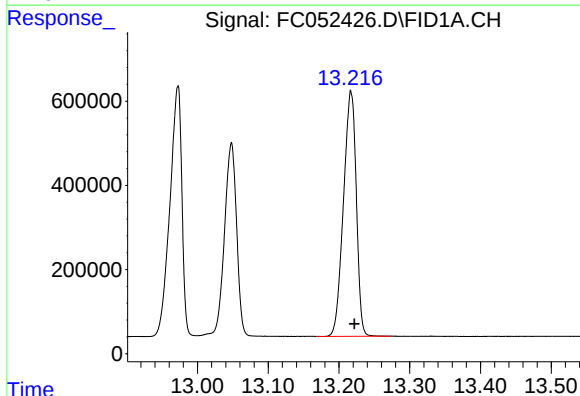
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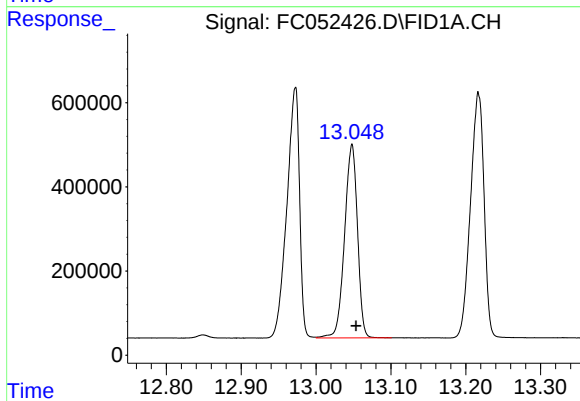
#10 n-Eicosane (C20)

R.T.: 12.605 min
Delta R.T.: -0.004 min
Response: 7449097
Conc: 60.45 ug/ml



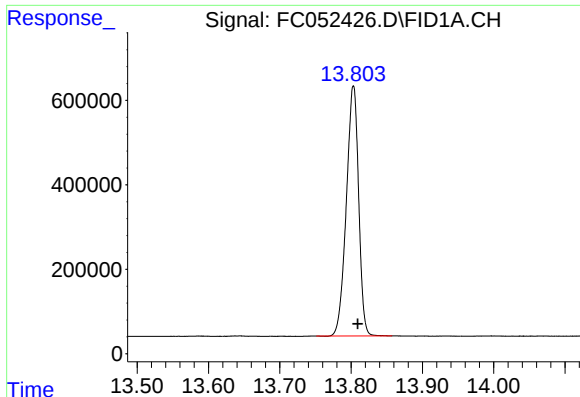
#11 n-Heneicosane (C21)

R.T.: 13.217 min
Delta R.T.: -0.005 min
Response: 7326973
Conc: 60.02 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.048 min
Delta R.T.: -0.005 min
Response: 5499004
Conc: 52.88 ug/ml



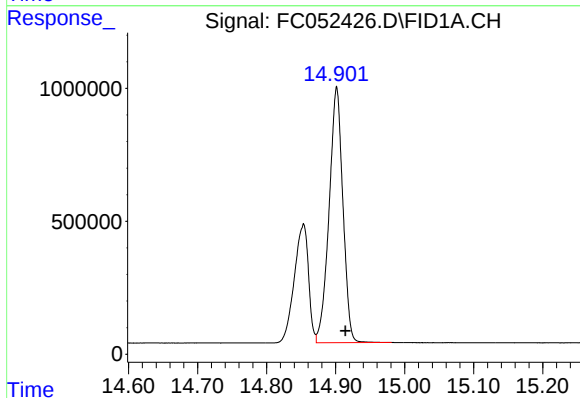
#13 n-Docosane (C22)

R.T.: 13.803 min
Delta R.T.: -0.006 min
Response: 7103899
Conc: 59.04 ug/ml

Instrument :
FID_C
ClientSampleId :
PB135133BSD

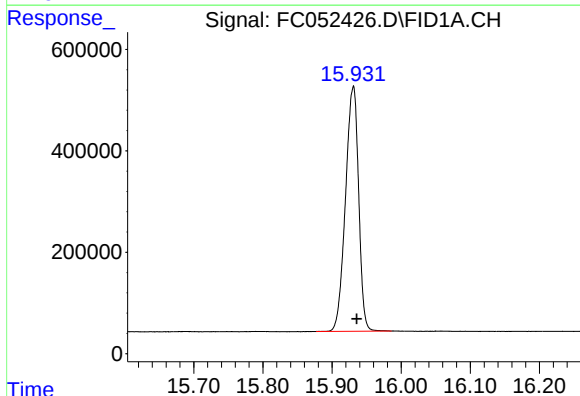
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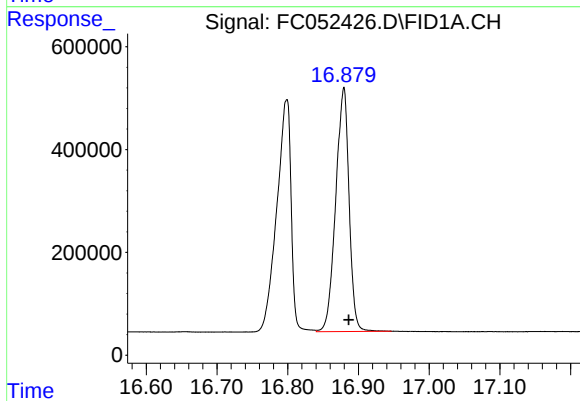
#14 n-Tetracosane (C24)

R.T.: 14.902 min
Delta R.T.: -0.013 min
Response: 13338119
Conc: 114.41 ug/ml



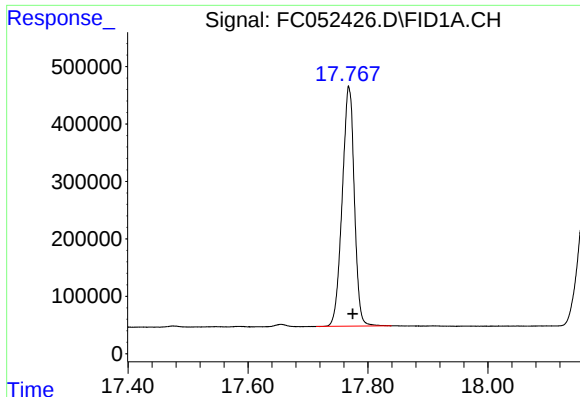
#15 n-Hexacosane (C26)

R.T.: 15.931 min
Delta R.T.: -0.005 min
Response: 6377313
Conc: 58.05 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.879 min
Delta R.T.: -0.007 min
Response: 6239737
Conc: 60.88 ug/ml



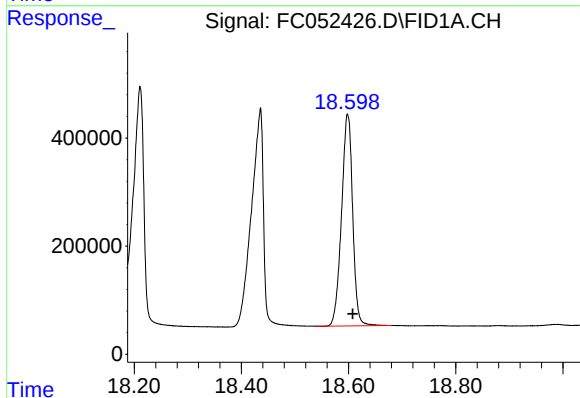
#17 n-Tricontane (C30)

R.T.: 17.768 min
Delta R.T.: -0.007 min
Response: 5856632
Conc: 62.21 ug/ml

Instrument :
FID_C
ClientSampleId :
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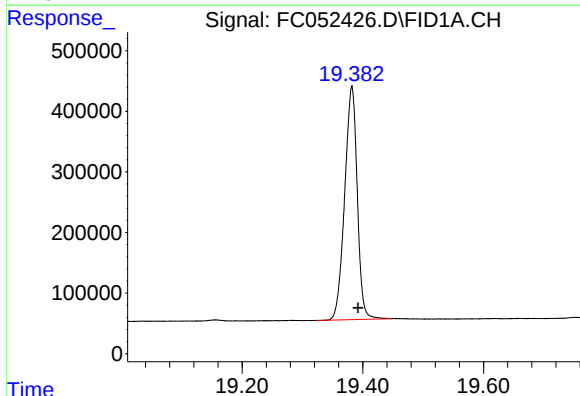
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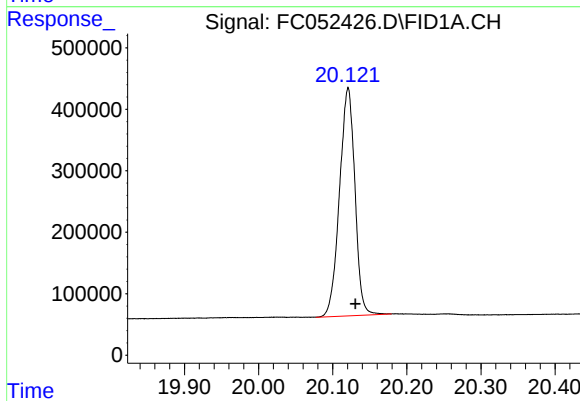
#18 n-Dotriacontane (C32)

R.T.: 18.598 min
Delta R.T.: -0.009 min
Response: 5656043
Conc: 66.24 ug/ml



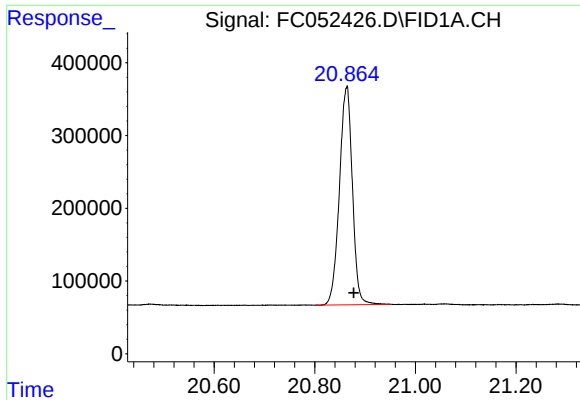
#19 n-Tetratriacontane (C34)

R.T.: 19.382 min
Delta R.T.: -0.010 min
Response: 5564891
Conc: 71.78 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.121 min
Delta R.T.: -0.010 min
Response: 5359682
Conc: 74.59 ug/ml m



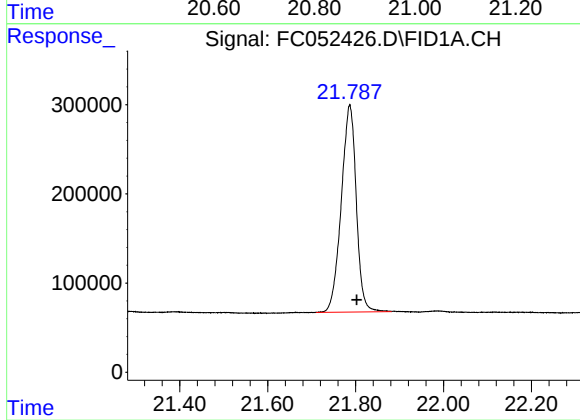
#21 n-Octatriacontane (C38)

R.T.: 20.864 min
Delta R.T.: -0.013 min
Response: 5367435
Conc: 78.36 ug/ml

Instrument :
FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.787 min
Delta R.T.: -0.016 min
Response: 5502400
Conc: 76.52 ug/ml