

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070721AL\
 Data File : FD038101.D
 Signal(s) : FID2B.CH
 Acq On : 08 Jul 2021 3:34
 Operator : DD\AJ
 Sample : M2934-06MS
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 4MS

Manual Integrations
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 7/8/2021 4:43:47 PM

Integration File: autoint1.e
 Quant Time: Jul 08 06:43:40 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 070621.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 07 10:58:41 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)	11.421	3394401	23.482 ug/ml
Spiked Amount 50.000		Recovery =	46.96%
12) S 1-chlorooctadecane (S...	12.855	2419329	21.220 ug/ml
Spiked Amount 50.000		Recovery =	42.44%
Target Compounds			
1) T n-Nonane (C9)	3.259	6493647	53.439 ug/ml
2) T n-Decane (C10)	4.304	6899864	56.412 ug/ml
3) T A~Naphthalene (C11.7)	5.864	7631738	55.828 ug/ml
4) T n-Dodecane (C12)	6.300	7186594	57.700 ug/ml
5) T A~2-methylnaphthalene...	6.914	7283432	52.878 ug/ml
6) T n-Tetradecane (C14)	8.087	7244350	56.363 ug/ml
7) T n-Hexadecane (C16)	9.679	7174633	55.365 ug/ml
8) T n-Octadecane (C18)	11.114	7283320	54.081 ug/ml
10) T n-Eicosane (C20)	12.418	6944738	51.704 ug/ml
11) T n-Heneicosane (C21)	13.026	6869573	50.563 ug/ml
13) T n-Docosane (C22)	13.610	6759921	50.241 ug/ml
14) T n-Tetracosane (C24)	14.706	6076731	45.003 ug/ml
15) T n-Hexacosane (C26)	15.724	6258751	47.503 ug/mlm
16) T n-Octacosane (C28)	16.667	5891440	45.184 ug/ml
17) T n-Tricontane (C30)	17.551	5506153	43.086 ug/ml
18) T n-Dotriacontane (C32)	18.377	5087829	41.349 ug/ml
19) T n-Tetratriacontane (C34)	19.157	4717812	40.288 ug/mlm
20) T n-Hexatriacontane (C36)	19.893	4457141	40.813 ug/ml
21) T n-Octatriacontane (C38)	20.599	4154657	41.250 ug/ml
22) T n-Tetracontane (C40)	21.429	4483940	45.846 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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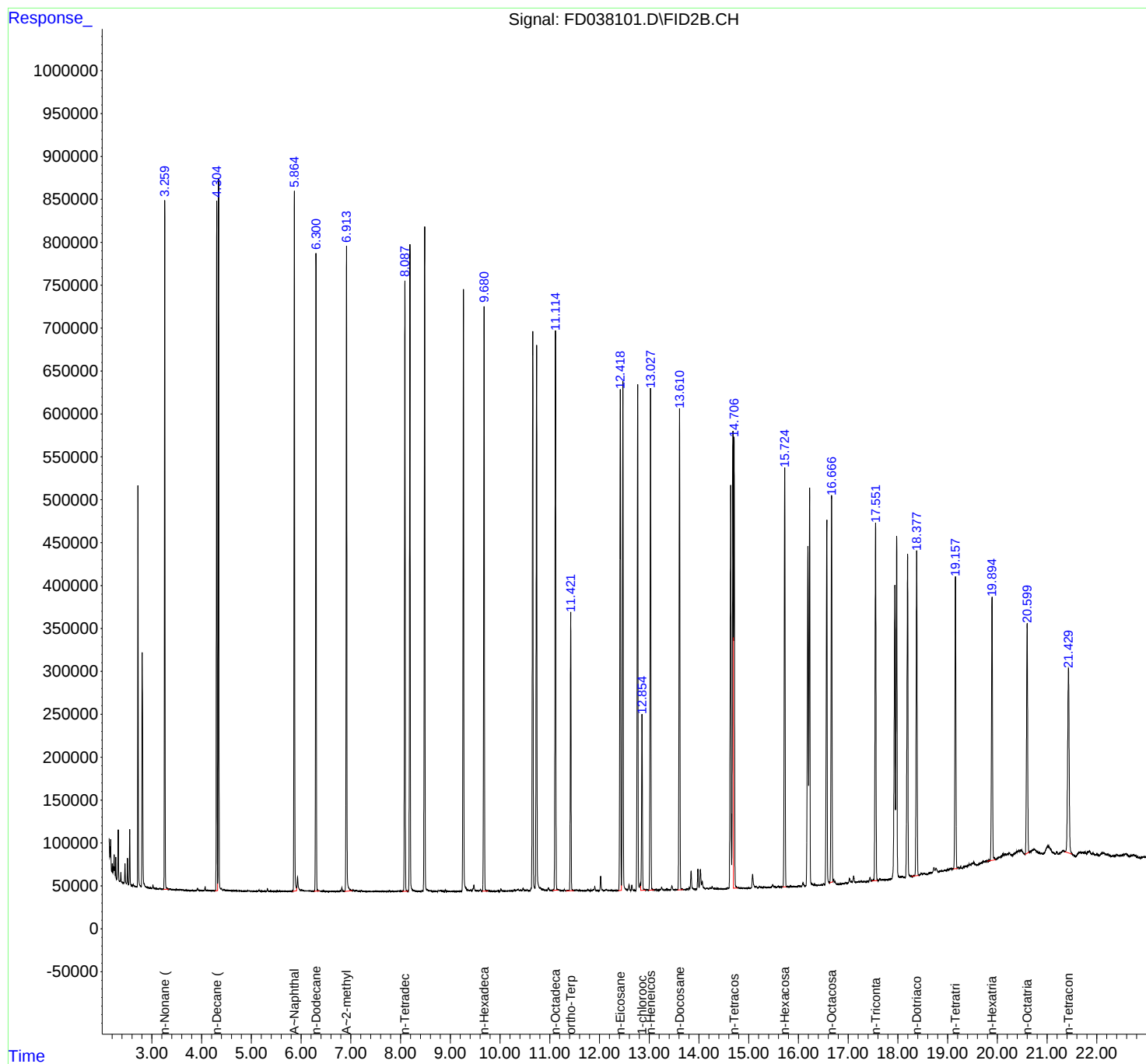
Instrument :
FID_D
ClientSampled :
4MS

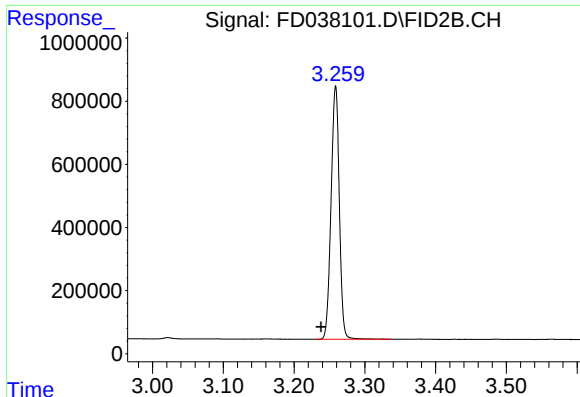
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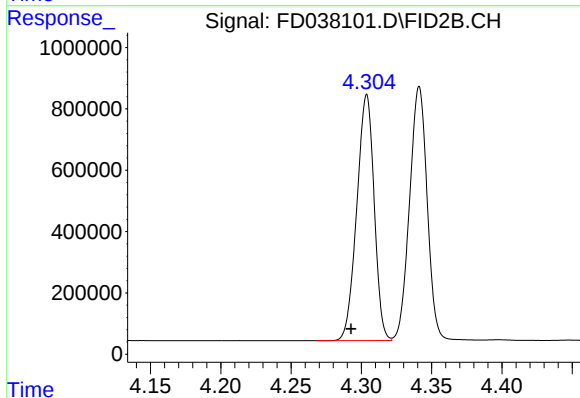
#1 n-Nonane (C9)

R.T.: 3.259 min
Delta R.T.: 0.021 min
Response: 6493647
Conc: 53.44 ug/ml

Instrument :
FID_D
ClientSampleId :
4MS

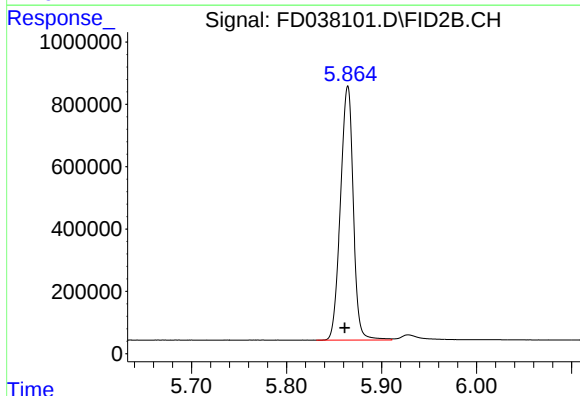
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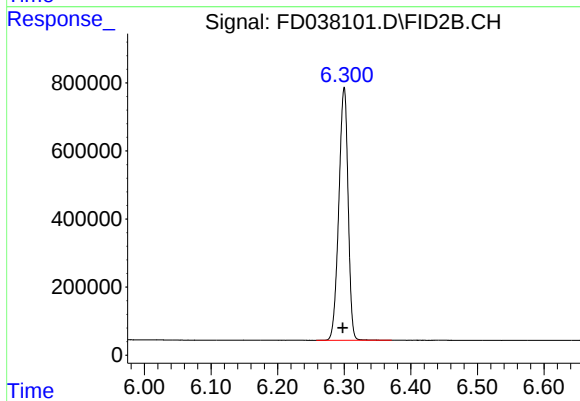
#2 n-Decane (C10)

R.T.: 4.304 min
Delta R.T.: 0.011 min
Response: 6899864
Conc: 56.41 ug/ml



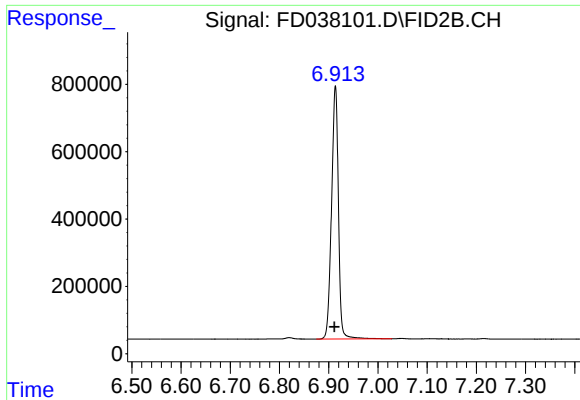
#3 A~Naphthalene (C11.7)

R.T.: 5.864 min
Delta R.T.: 0.003 min
Response: 7631738
Conc: 55.83 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.300 min
Delta R.T.: 0.002 min
Response: 7186594
Conc: 57.70 ug/ml



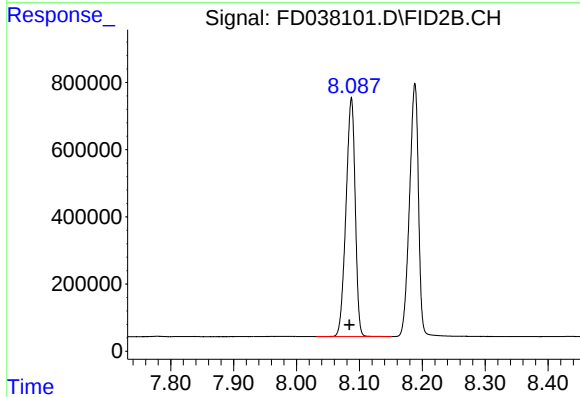
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.914 min
Delta R.T.: 0.002 min
Response: 7283432
Conc: 52.88 ug/ml

Instrument :
FID_D
ClientSampleId :
4MS

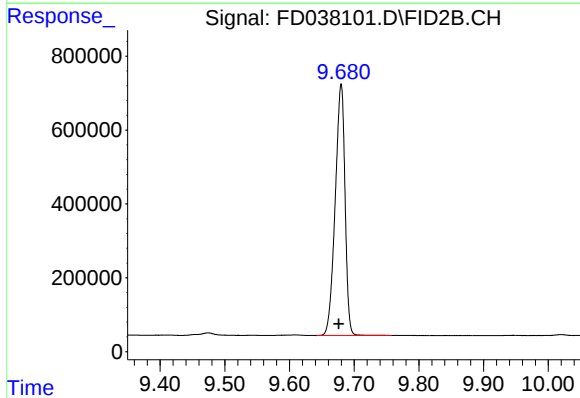
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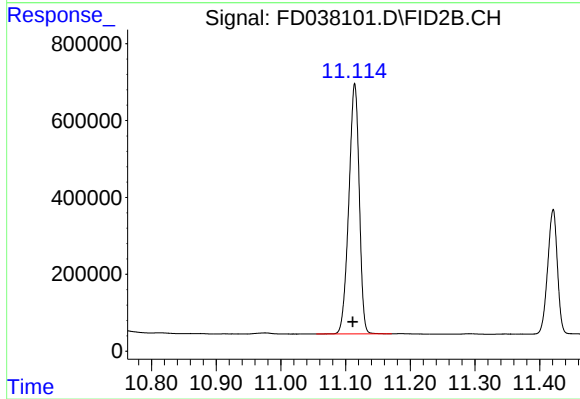
#6 n-Tetradecane (C14)

R.T.: 8.087 min
Delta R.T.: 0.003 min
Response: 7244350
Conc: 56.36 ug/ml



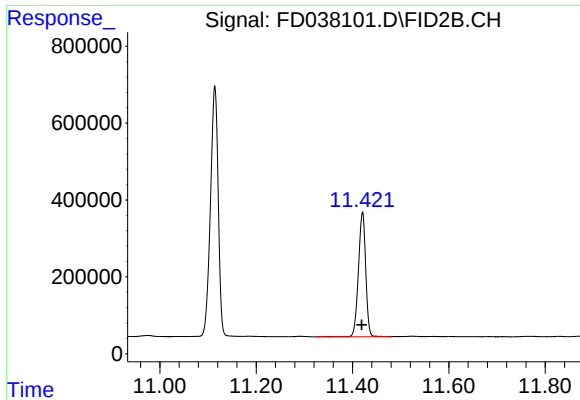
#7 n-Hexadecane (C16)

R.T.: 9.679 min
Delta R.T.: 0.003 min
Response: 7174633
Conc: 55.37 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.114 min
Delta R.T.: 0.003 min
Response: 7283320
Conc: 54.08 ug/ml



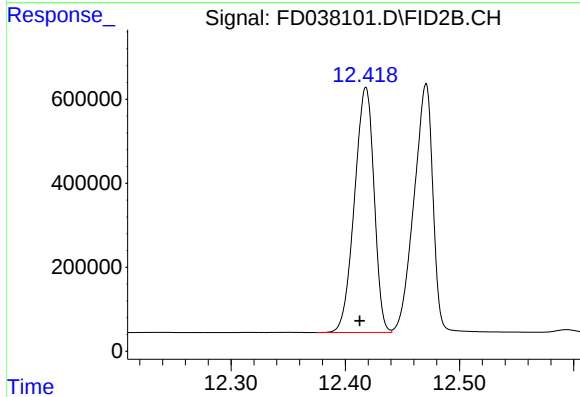
#9 ortho-Terphenyl (SURR)

R.T.: 11.421 min
Delta R.T.: 0.001 min
Response: 3394401
Conc: 23.48 ug/ml

Instrument :
FID_D
ClientSampleId :
4MS

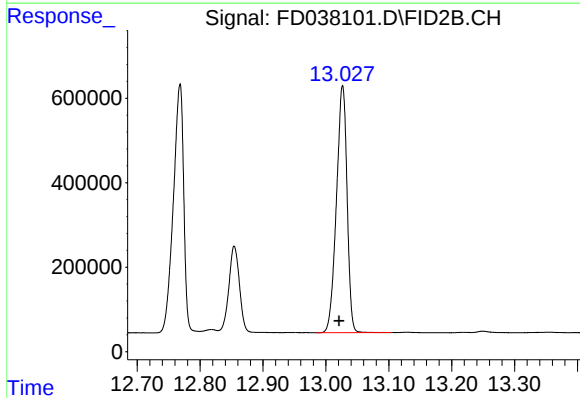
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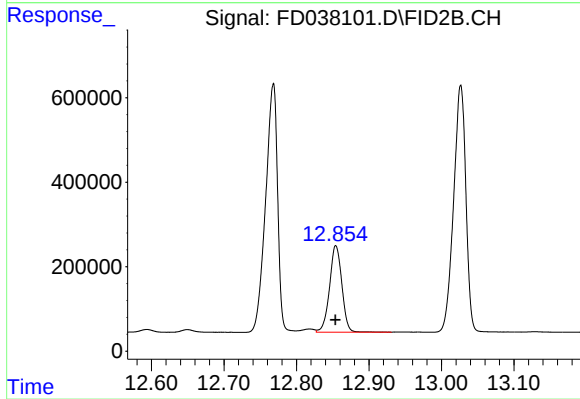
#10 n-Eicosane (C20)

R.T.: 12.418 min
Delta R.T.: 0.005 min
Response: 6944738
Conc: 51.70 ug/ml



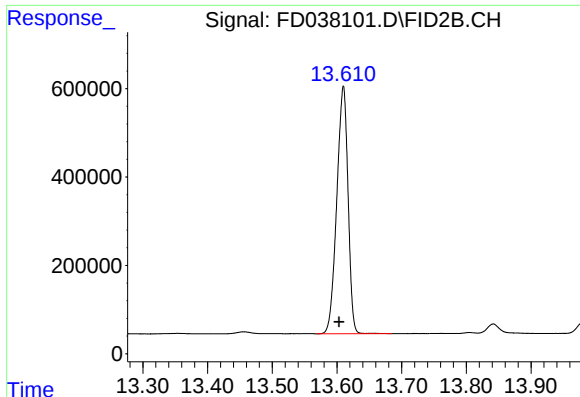
#11 n-Heneicosane (C21)

R.T.: 13.026 min
Delta R.T.: 0.005 min
Response: 6869573
Conc: 50.56 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.855 min
Delta R.T.: 0.000 min
Response: 2419329
Conc: 21.22 ug/ml



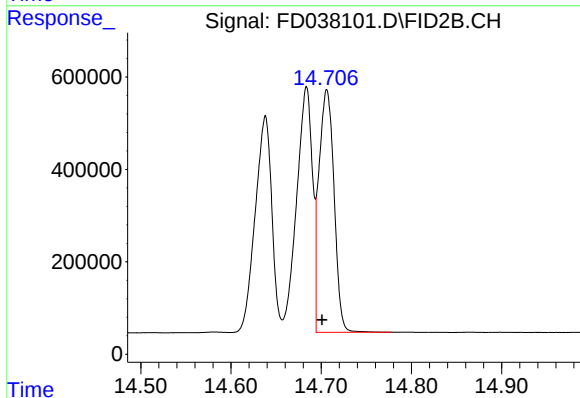
#13 n-Docosane (C22)

R.T.: 13.610 min
Delta R.T.: 0.006 min
Response: 6759921
Conc: 50.24 ug/ml

Instrument :
FID_D
ClientSampleId :
4MS

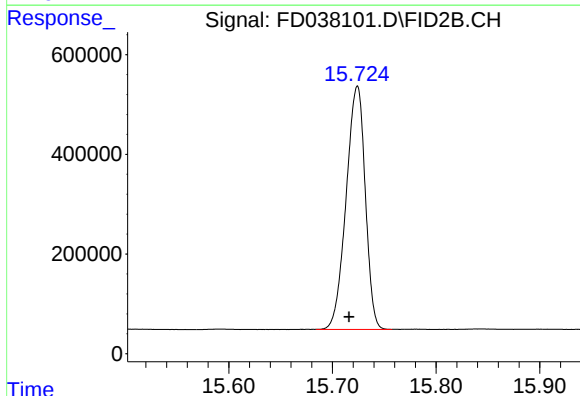
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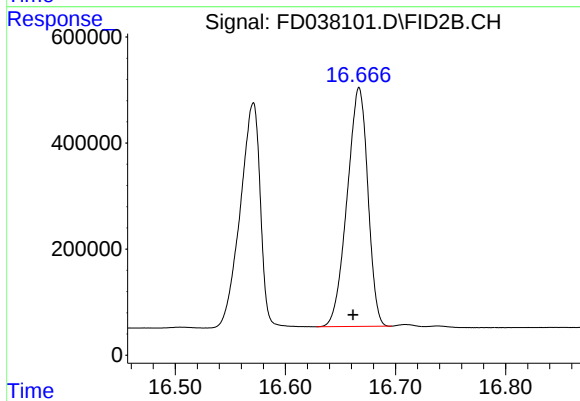
#14 n-Tetracosane (C24)

R.T.: 14.706 min
Delta R.T.: 0.005 min
Response: 6076731
Conc: 45.00 ug/ml



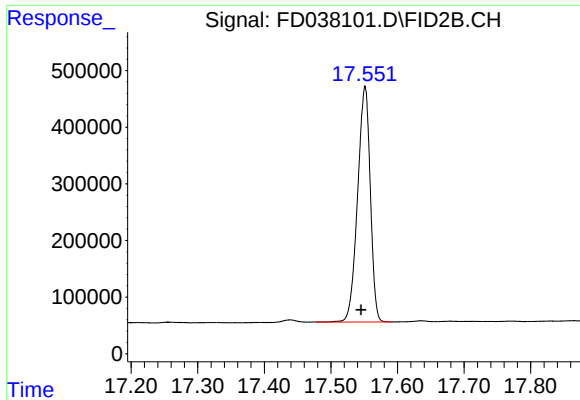
#15 n-Hexacosane (C26)

R.T.: 15.724 min
Delta R.T.: 0.008 min
Response: 6258751
Conc: 47.50 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.667 min
Delta R.T.: 0.006 min
Response: 5891440
Conc: 45.18 ug/ml



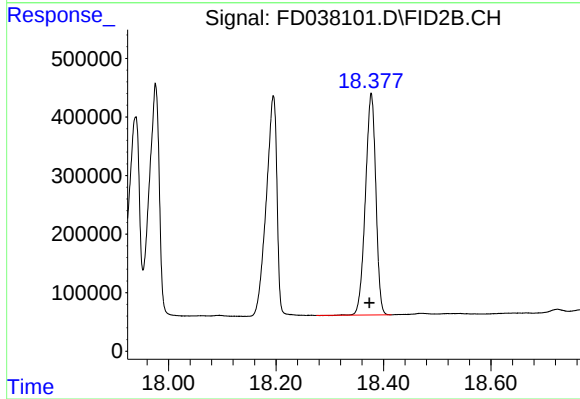
#17 n-Tricontane (C30)

R.T.: 17.551 min
Delta R.T.: 0.006 min
Response: 5506153
Conc: 43.09 ug/ml

Instrument :
FID_D
ClientSampleId :
4MS

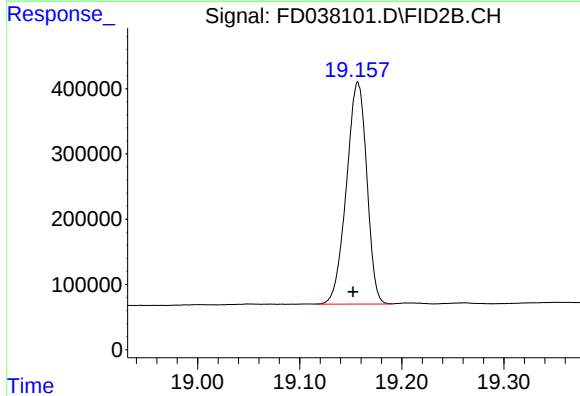
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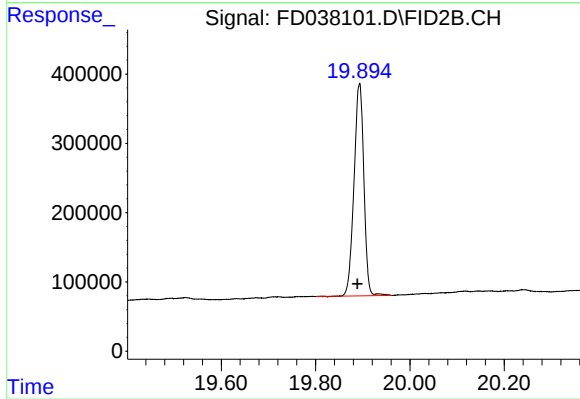
#18 n-Dotriacontane (C32)

R.T.: 18.377 min
Delta R.T.: 0.004 min
Response: 5087829
Conc: 41.35 ug/ml



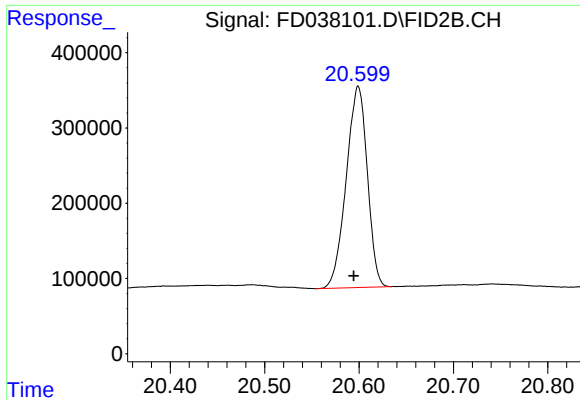
#19 n-Tetratriacontane (C34)

R.T.: 19.157 min
Delta R.T.: 0.004 min
Response: 4717812
Conc: 40.29 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.893 min
Delta R.T.: 0.004 min
Response: 4457141
Conc: 40.81 ug/ml



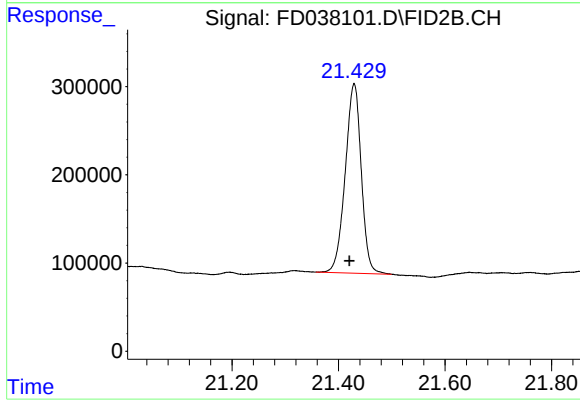
#21 n-Octatriacontane (C38)

R.T.: 20.599 min
Delta R.T.: 0.005 min
Response: 4154657
Conc: 41.25 ug/ml

Instrument :
FID_D
ClientSampleId :
4MS

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#22 n-Tetracontane (C40)

R.T.: 21.429 min
Delta R.T.: 0.009 min
Response: 4483940
Conc: 45.85 ug/ml