

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF080724AL\
 Data File : FF014408.D
 Signal(s) : FID2B.ch
 Acq On : 07 Aug 2024 14:02
 Operator : YP\AJ
 Sample : PB162550BS
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :

FID_F

ClientSampleId :

PB162550BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 08/08/2024

Supervised By :Ankita Jodhani 08/08/2024

Integration File: autoint1.e

Quant Time: Aug 08 04:13:42 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 072924.M

Quant Title : GC Extractables

QLast Update : Tue Jul 30 05:51:52 2024

Response via : Initial Calibration

Integrator: ChemStation

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)	11.813	6170028	43.809 ug/ml
Spiked Amount 50.000		Recovery =	87.62%
12) S 1-chlorooctadecane (S...	13.254	4341859	46.439 ug/ml
Spiked Amount 50.000		Recovery =	92.88%
Target Compounds			
1) T n-Nonane (C9)	3.238	6412249	49.615 ug/ml
2) T n-Decane (C10)	4.476	6832917	52.150 ug/ml
3) T A~Naphthalene (C11.7)	6.162	7669729	60.236 ug/ml
4) T n-Dodecane (C12)	6.631	6949906	52.552 ug/ml
5) T A~2-methylnaphthalene...	7.255	7525191	64.955 ug/ml
6) T n-Tetradecane (C14)	8.457	7241560	56.255 ug/ml
7) T n-Hexadecane (C16)	10.061	7204539	55.644 ug/ml
8) T n-Octadecane (C18)	11.504	7137307	54.055 ug/ml
10) T n-Eicosane (C20)	12.814	7030436	55.937 ug/ml
11) T n-Heneicosane (C21)	13.425	6731568	54.883 ug/ml
13) T n-Docosane (C22)	14.011	6593580	55.021 ug/ml
14) T n-Tetracosane (C24)	15.114	7028659	60.140 ug/ml
15) T n-Hexacosane (C26)	16.136	6206588	54.914 ug/ml
16) T n-Octacosane (C28)	17.085	6196598	56.214 ug/ml
17) T n-Tricontane (C30)	17.973	5875040	52.635 ug/ml
18) T n-Dotriacontane (C32)	18.803	5536839	50.445 ug/ml
19) T n-Tetratriacontane (C34)	19.587	4861604	47.363 ug/mlm
20) T n-Hexatriacontane (C36)	20.323	3624006	40.593 ug/mlm
21) T n-Octatriacontane (C38)	21.045	2289060	33.240 ug/ml
22) T n-Tetracontane (C40)	21.923	983004	21.972 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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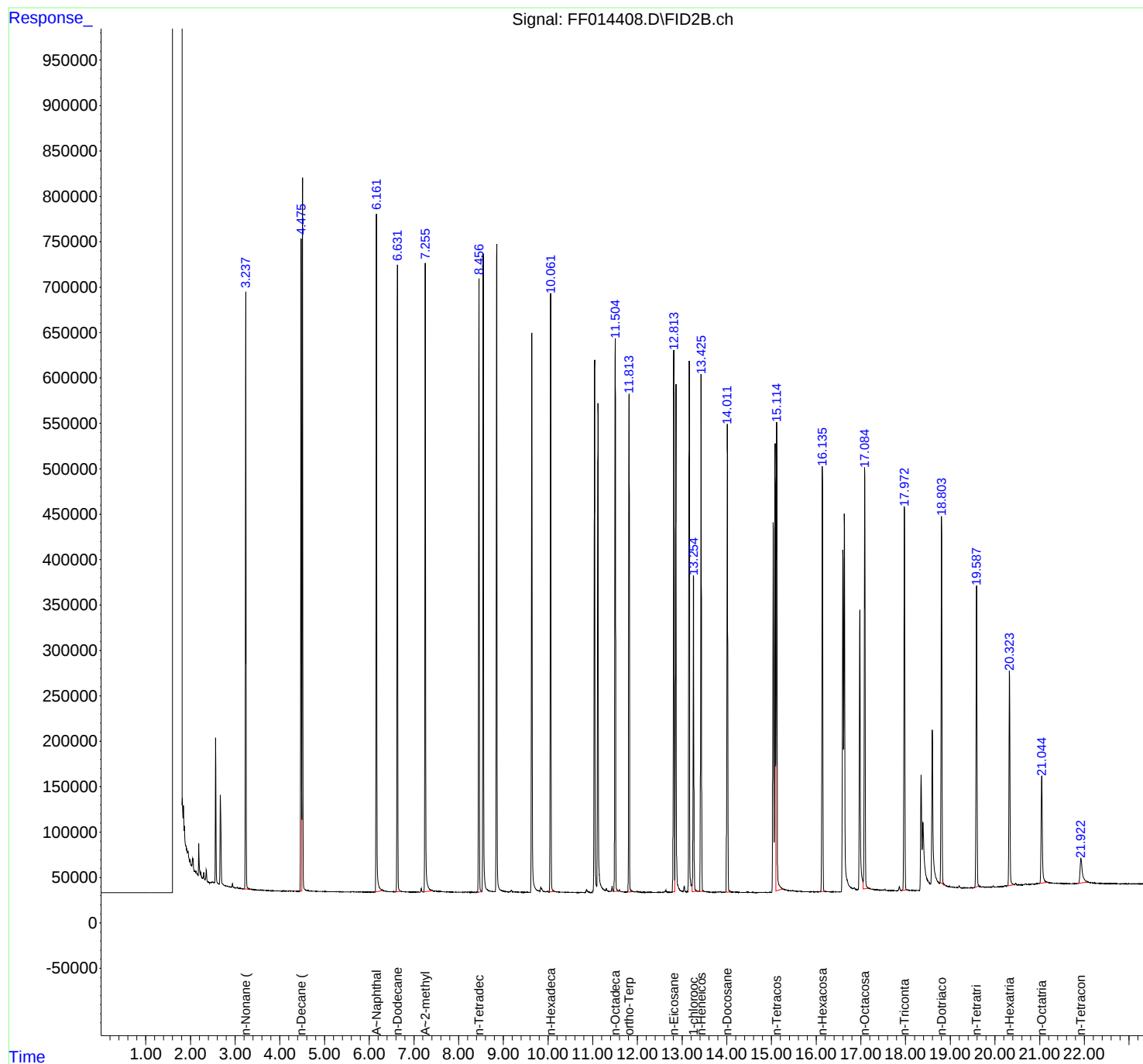
Response via : Initial Calibration

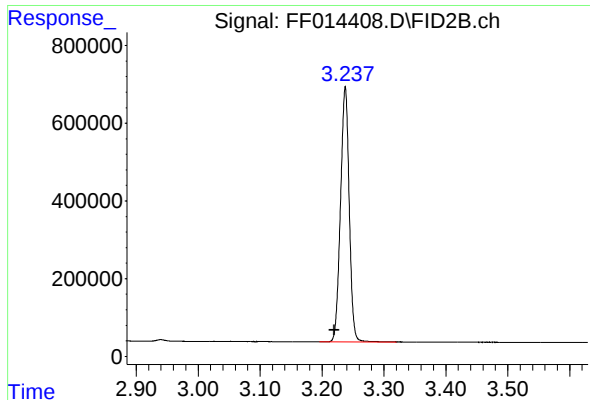
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





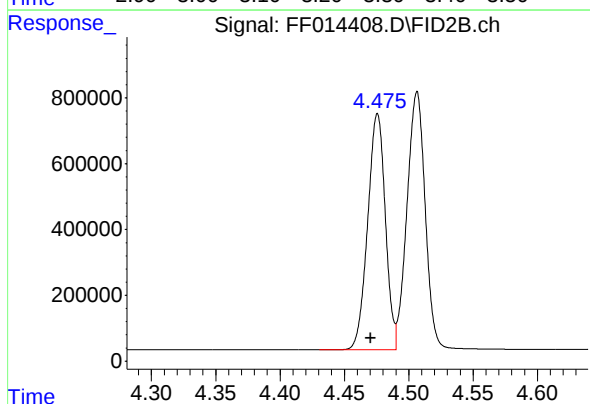
#1 n-Nonane (C9)

R.T.: 3.238 min
Delta R.T.: 0.018 min
Response: 6412249
Conc: 49.61 ug/ml

Instrument :
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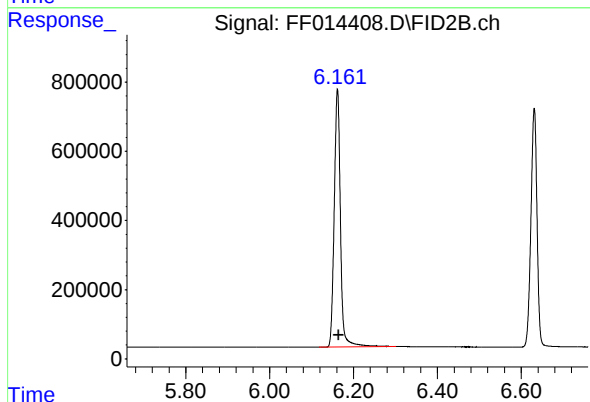
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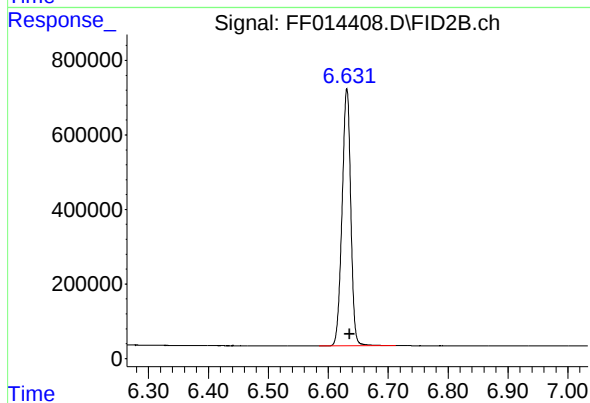
#2 n-Decane (C10)

R.T.: 4.476 min
Delta R.T.: 0.005 min
Response: 6832917
Conc: 52.15 ug/ml



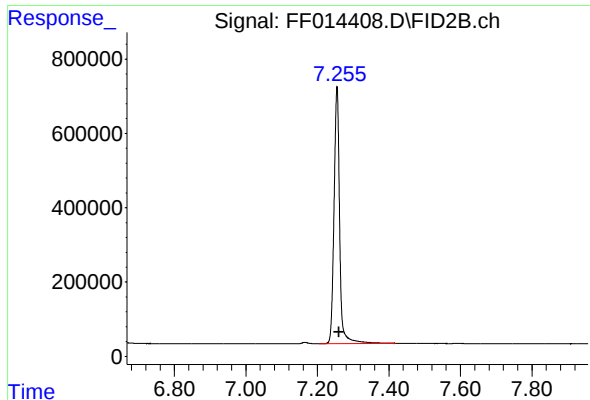
#3 A~Naphthalene (C11.7)

R.T.: 6.162 min
Delta R.T.: -0.003 min
Response: 7669729
Conc: 60.24 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.631 min
Delta R.T.: -0.004 min
Response: 6949906
Conc: 52.55 ug/ml



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

R.T.: 7.255 min
Delta R.T.: -0.005 min
Response: 7525191
Conc: 64.95 ug/ml

Instrument :

FID_F

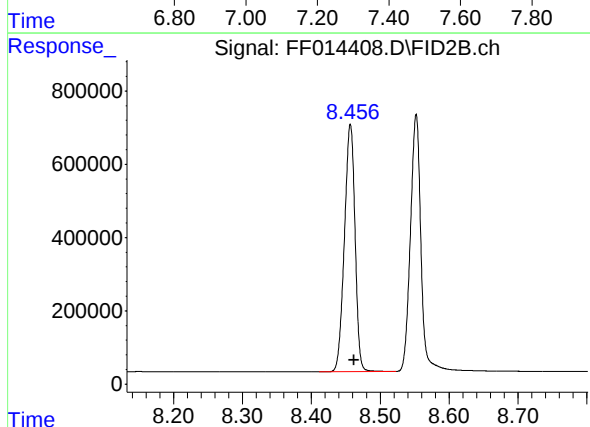
ClientSampleId :

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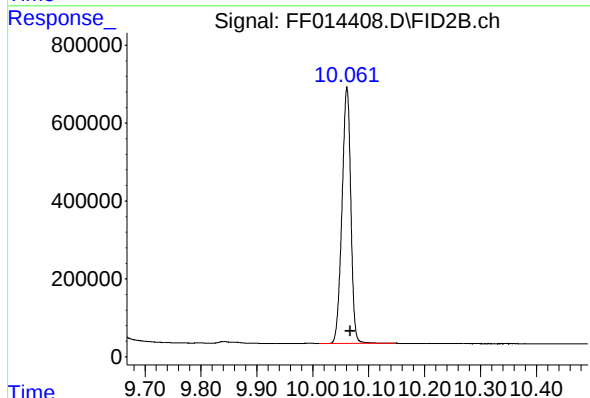
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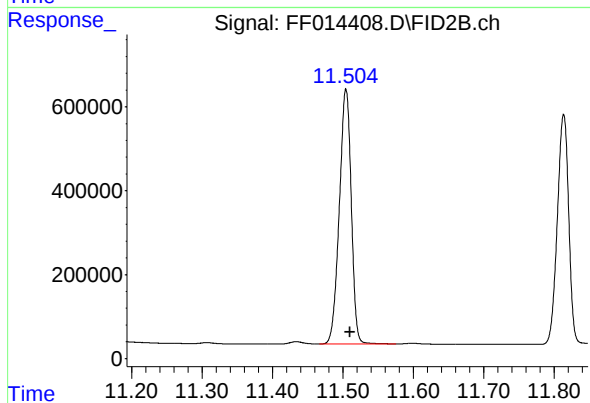
#6 n-Tetradecane (C14)

R.T.: 8.457 min
Delta R.T.: -0.005 min
Response: 7241560
Conc: 56.25 ug/ml



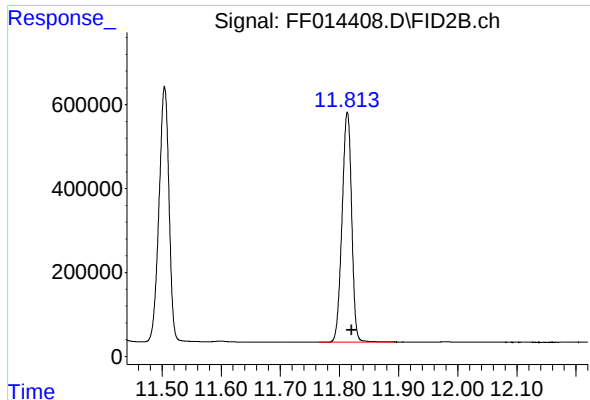
#7 n-Hexadecane (C16)

R.T.: 10.061 min
Delta R.T.: -0.006 min
Response: 7204539
Conc: 55.64 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.504 min
Delta R.T.: -0.006 min
Response: 7137307
Conc: 54.05 ug/ml



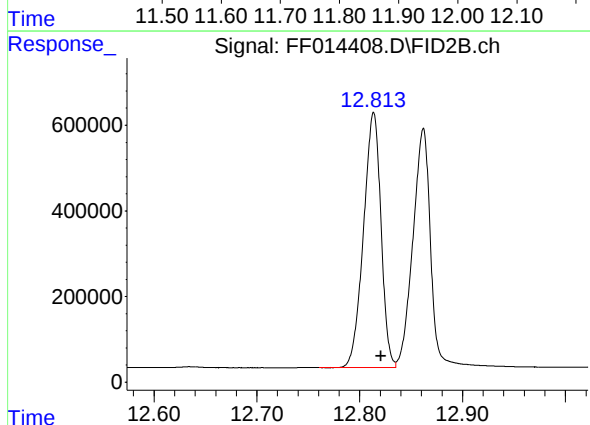
#9 ortho-Terphenyl (SURR)

R.T.: 11.813 min
Delta R.T.: -0.007 min
Response: 6170028
Conc: 43.81 ug/ml

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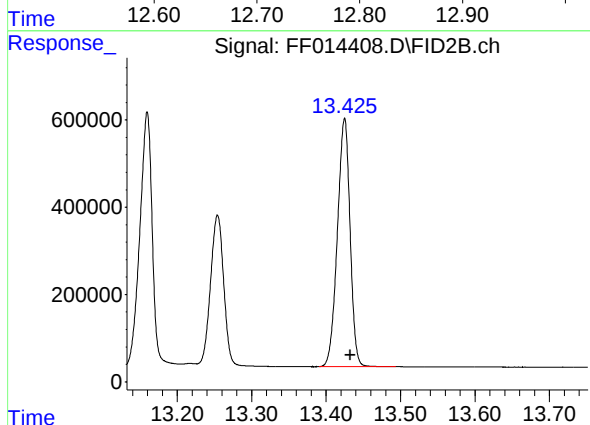
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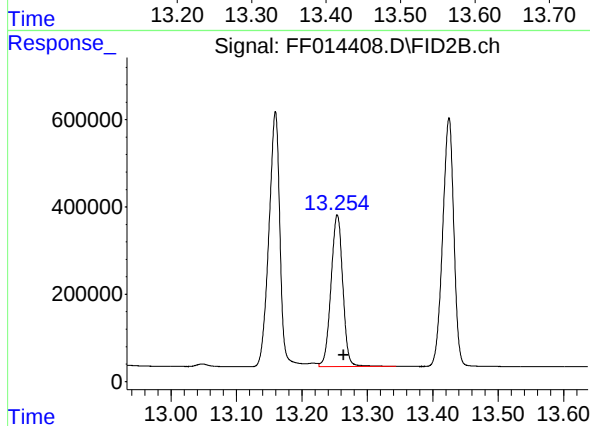
#10 n-Eicosane (C20)

R.T.: 12.814 min
Delta R.T.: -0.007 min
Response: 7030436
Conc: 55.94 ug/ml



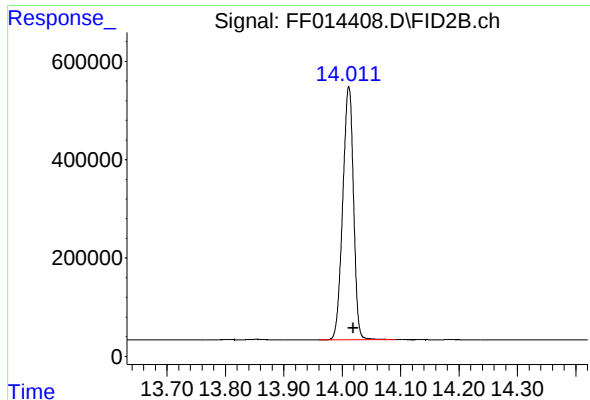
#11 n-Heneicosane (C21)

R.T.: 13.425 min
Delta R.T.: -0.008 min
Response: 6731568
Conc: 54.88 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.254 min
Delta R.T.: -0.010 min
Response: 4341859
Conc: 46.44 ug/ml



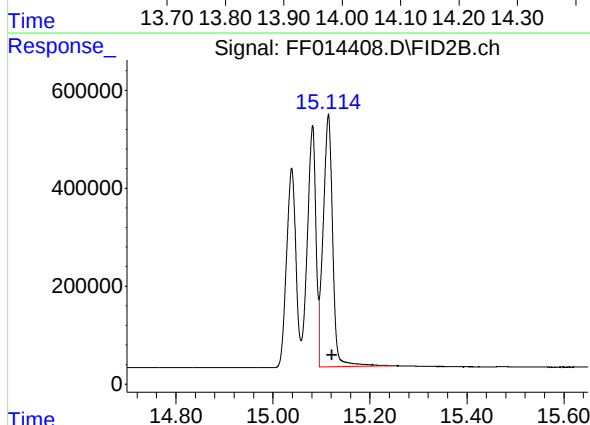
#13 n-Docosane (C22)

R.T.: 14.011 min
Delta R.T.: -0.008 min
Response: 6593580
Conc: 55.02 ug/ml

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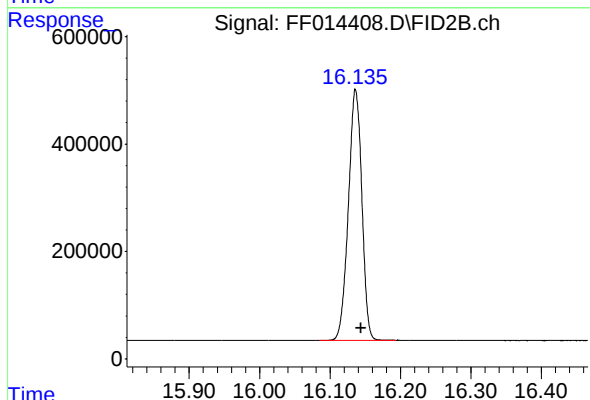
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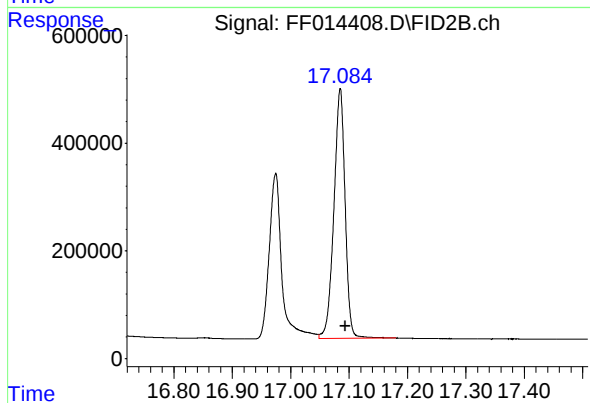
#14 n-Tetracosane (C24)

R.T.: 15.114 min
Delta R.T.: -0.007 min
Response: 7028659
Conc: 60.14 ug/ml



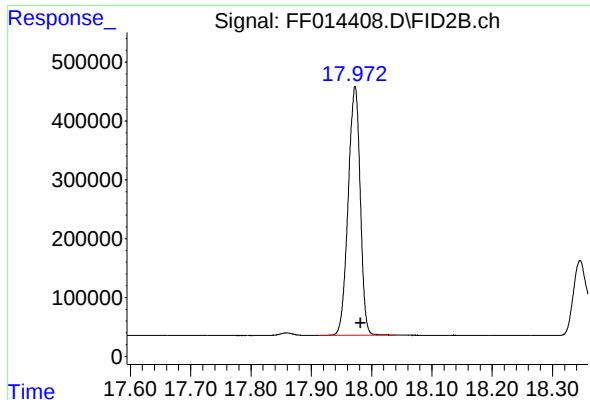
#15 n-Hexacosane (C26)

R.T.: 16.136 min
Delta R.T.: -0.008 min
Response: 6206588
Conc: 54.91 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.085 min
Delta R.T.: -0.009 min
Response: 6196598
Conc: 56.21 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.973 min
Delta R.T.: -0.009 min
Response: 5875040
Conc: 52.64 ug/ml

Instrument :

FID_F

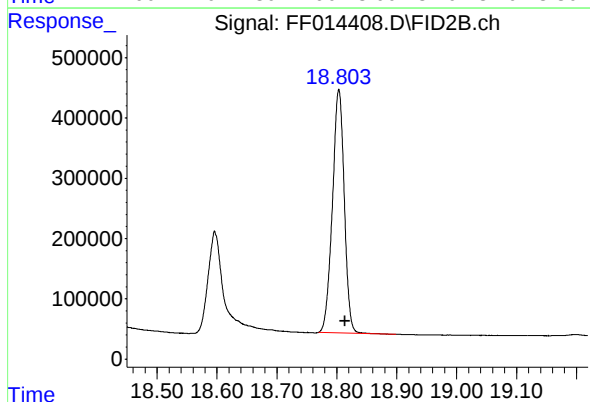
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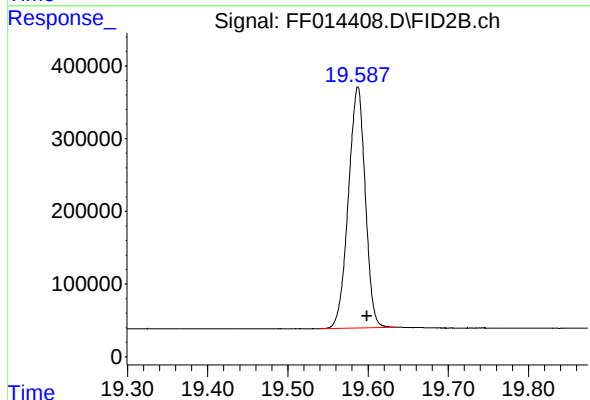
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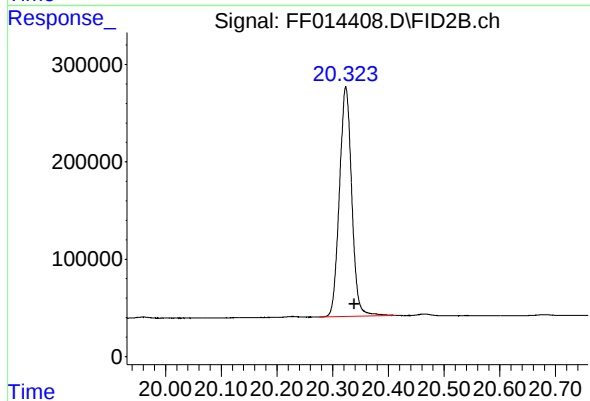
#18 n-Dotriacontane (C32)

R.T.: 18.803 min
Delta R.T.: -0.010 min
Response: 5536839
Conc: 50.45 ug/ml



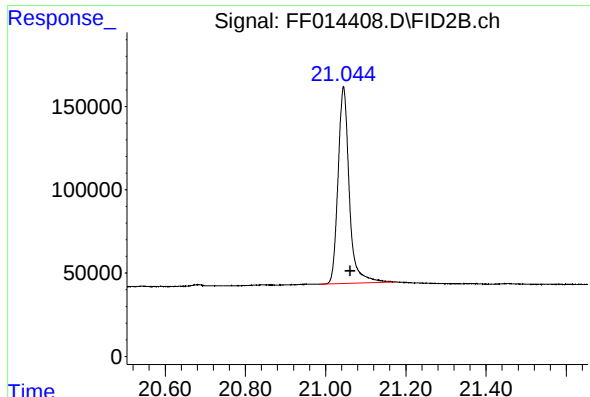
#19 n-Tetratriacontane (C34)

R.T.: 19.587 min
Delta R.T.: -0.012 min
Response: 4861604
Conc: 47.36 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.323 min
Delta R.T.: -0.015 min
Response: 3624006
Conc: 40.59 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.045 min
Delta R.T.: -0.018 min
Response: 2289060
Conc: 33.24 ug/ml

Instrument :

FID_F

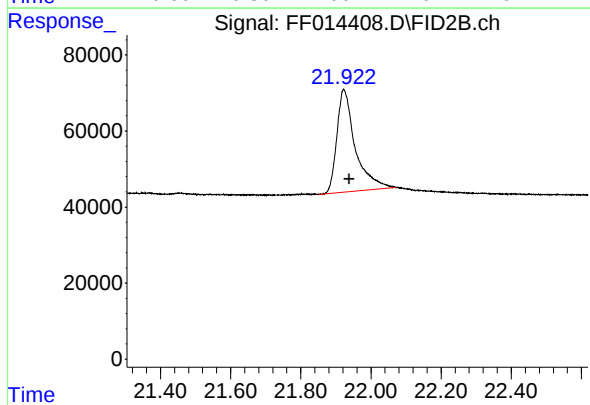
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#22 n-Tetracontane (C40)

R.T.: 21.923 min
Delta R.T.: -0.017 min
Response: 983004
Conc: 21.97 ug/ml