

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF080724AL\
 Data File : FF014409.D
 Signal(s) : FID2B.ch
 Acq On : 07 Aug 2024 14:32
 Operator : YP\AJ
 Sample : PB162550BSD
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 PB162550BSD

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 04:13:55 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	5606039	39.804 ug/ml
Spiked Amount 50.000		Recovery =	79.61%
12) S 1-chlorooctadecane (S...	13.255	3953494	42.285 ug/ml
Spiked Amount 50.000		Recovery =	84.57%
Target Compounds			
1) T n-Nonane (C9)	3.234	5806413	44.927 ug/ml
2) T n-Decane (C10)	4.473	6205864	47.364 ug/ml
3) T A~Naphthalene (C11.7)	6.161	7007070	55.031 ug/ml
4) T n-Dodecane (C12)	6.631	6315730	47.756 ug/ml
5) T A~2-methylnaphthalene...	7.254	6832576	58.976 ug/ml
6) T n-Tetradecane (C14)	8.457	6562568	50.980 ug/ml
7) T n-Hexadecane (C16)	10.061	6514753	50.316 ug/ml
8) T n-Octadecane (C18)	11.505	6469989	49.001 ug/ml
10) T n-Eicosane (C20)	12.813	6395705	50.887 ug/ml
11) T n-Heneicosane (C21)	13.425	6133715	50.009 ug/ml
13) T n-Docosane (C22)	14.011	6019860	50.233 ug/ml
14) T n-Tetracosane (C24)	15.114	6533056	55.900 ug/ml
15) T n-Hexacosane (C26)	16.136	5738897	50.776 ug/ml
16) T n-Octacosane (C28)	17.084	5841733	52.995 ug/ml
17) T n-Tricontane (C30)	17.972	5560285	49.815 ug/ml
18) T n-Dotriacontane (C32)	18.804	5377911	48.997 ug/mlm
19) T n-Tetratriacontane (C34)	19.586	4901517	47.752 ug/mlm
20) T n-Hexatriacontane (C36)	20.324	3861857	43.258 ug/mlm
21) T n-Octatriacontane (C38)	21.042	2779374	40.360 ug/ml
22) T n-Tetracontane (C40)	21.916	1435476	32.086 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB162550BSD
Misc :
ALS Vial : 73 Sample Multiplier: 1

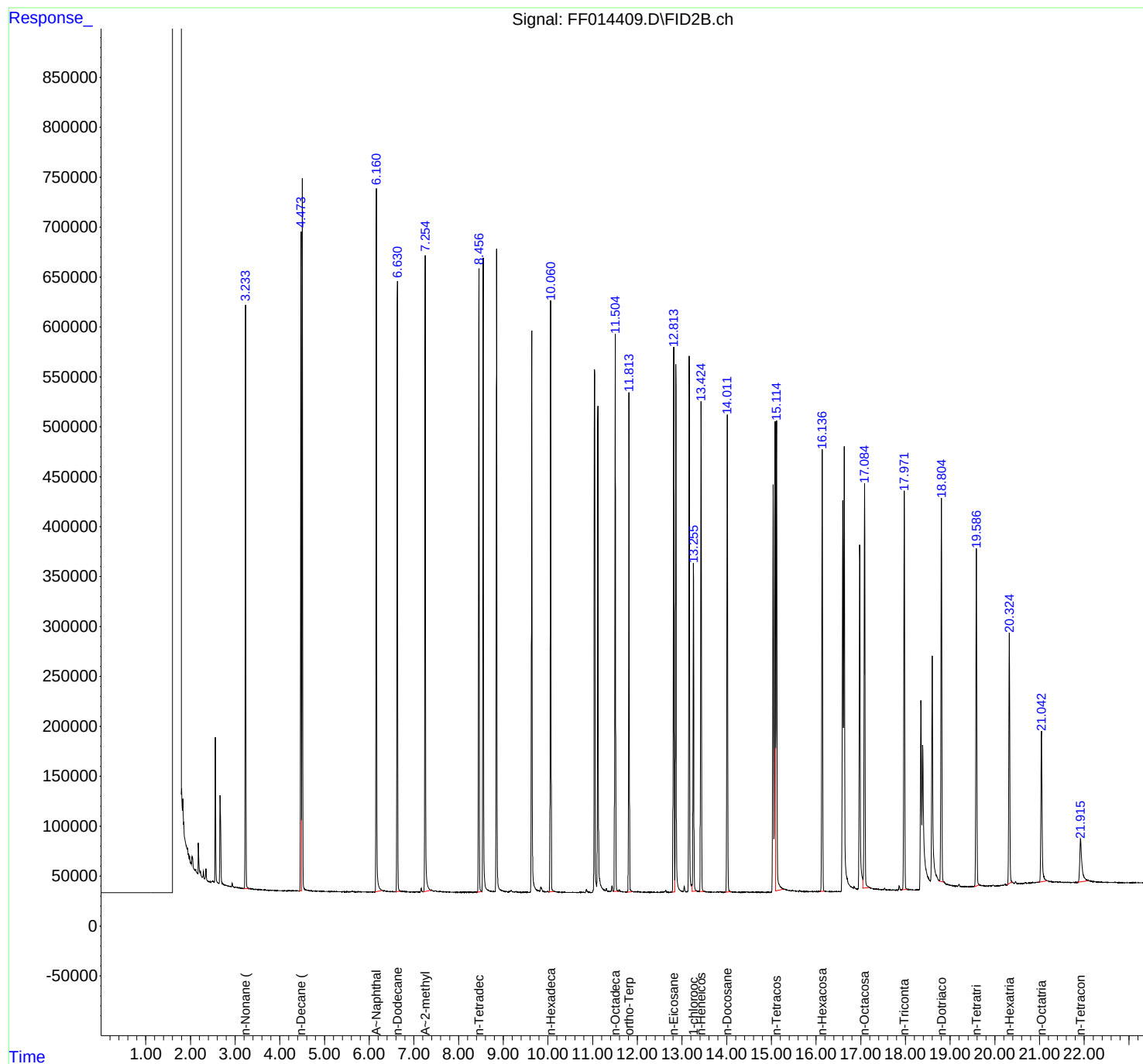
Instrument :
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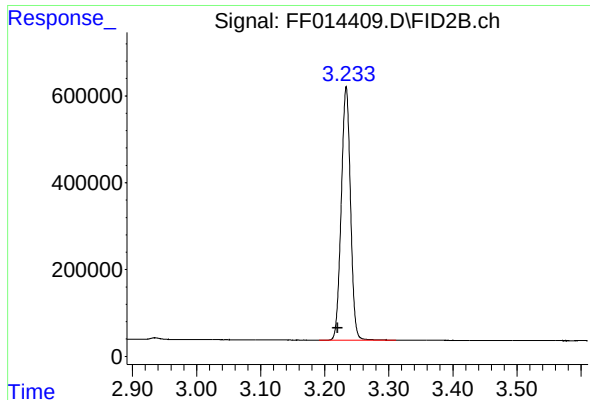
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.234 min
Delta R.T.: 0.014 min
Response: 5806413
Conc: 44.93 ug/ml

Instrument :

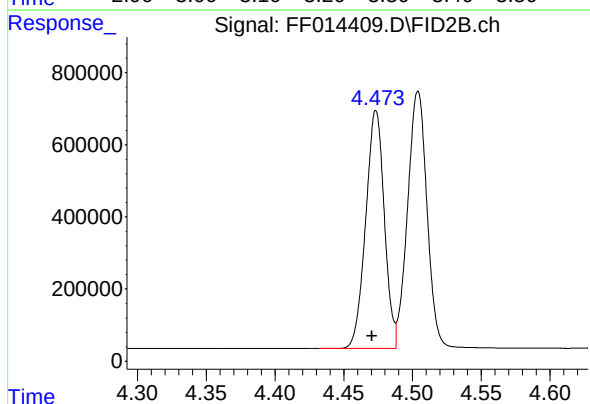
FID_F

ClientSampleId :

PB162550BSD

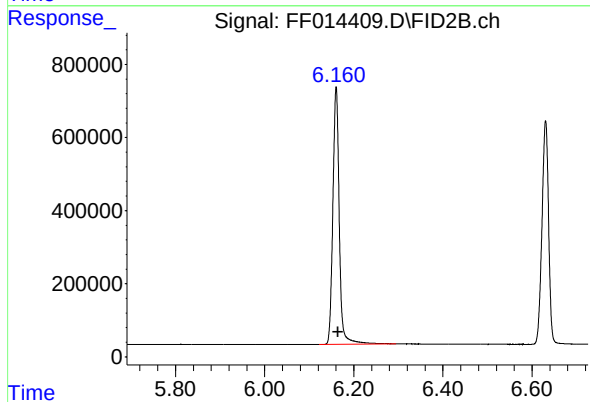
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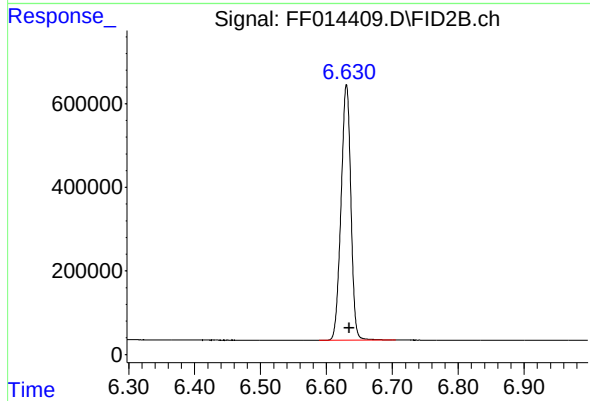
#2 n-Decane (C10)

R.T.: 4.473 min
Delta R.T.: 0.003 min
Response: 6205864
Conc: 47.36 ug/ml



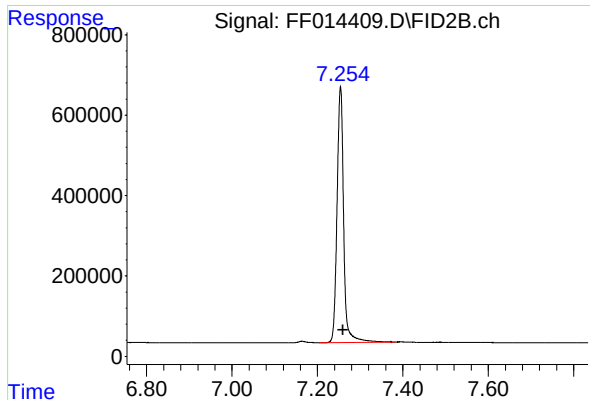
#3 A~Naphthalene (C11.7)

R.T.: 6.161 min
Delta R.T.: -0.004 min
Response: 7007070
Conc: 55.03 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.631 min
Delta R.T.: -0.005 min
Response: 6315730
Conc: 47.76 ug/ml



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

R.T.: 7.254 min
Delta R.T.: -0.006 min
Response: 6832576
Conc: 58.98 ug/ml

Instrument :

FID_F

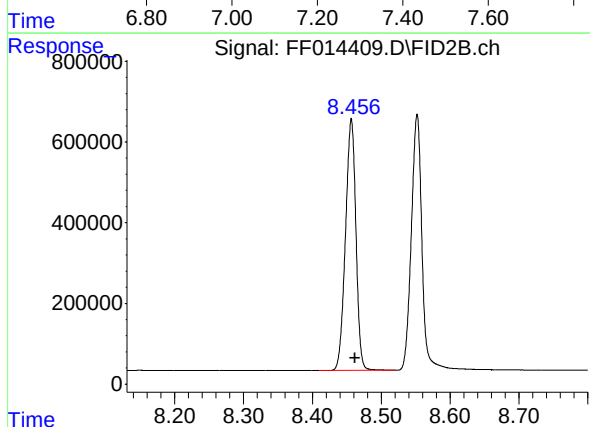
ClientSampleId :

PB162550BSD

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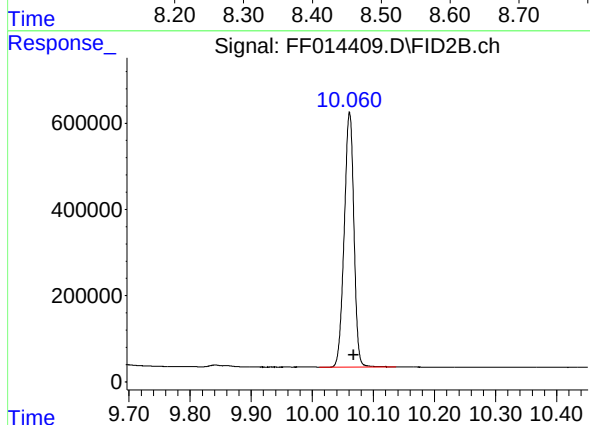
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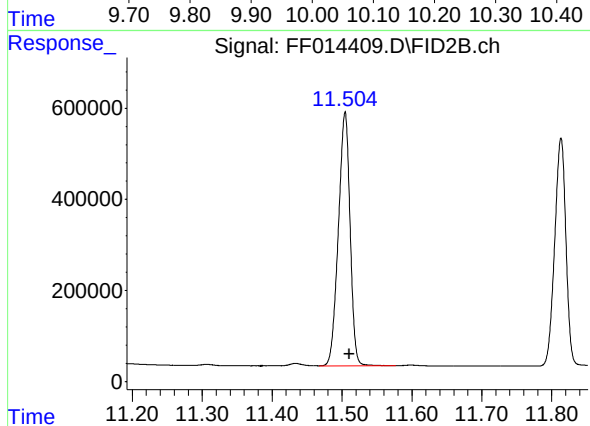
#6 n-Tetradecane (C14)

R.T.: 8.457 min
Delta R.T.: -0.005 min
Response: 6562568
Conc: 50.98 ug/ml



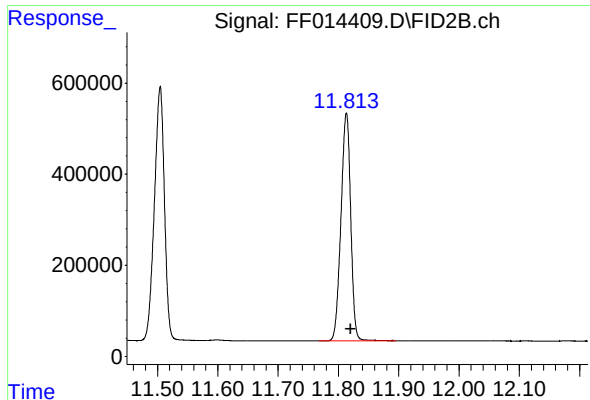
#7 n-Hexadecane (C16)

R.T.: 10.061 min
Delta R.T.: -0.007 min
Response: 6514753
Conc: 50.32 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.505 min
Delta R.T.: -0.006 min
Response: 6469989
Conc: 49.00 ug/ml



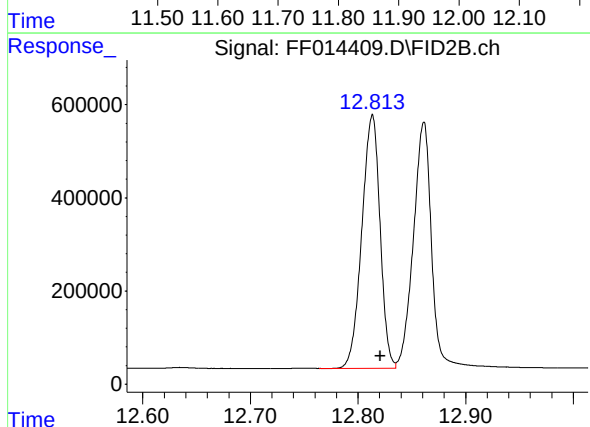
#9 ortho-Terphenyl (SURR)

R.T.: 11.813 min
Delta R.T.: -0.007 min
Response: 5606039
Conc: 39.80 ug/ml

Instrument :
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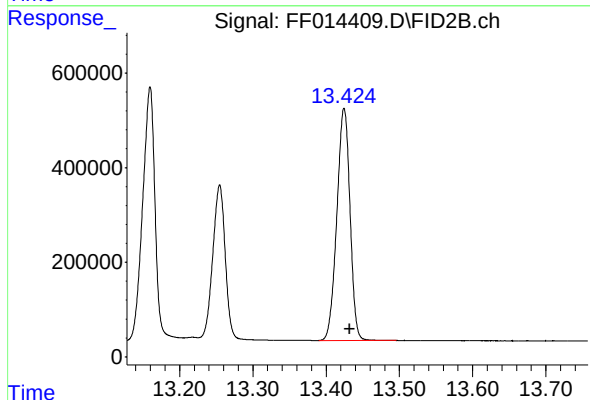
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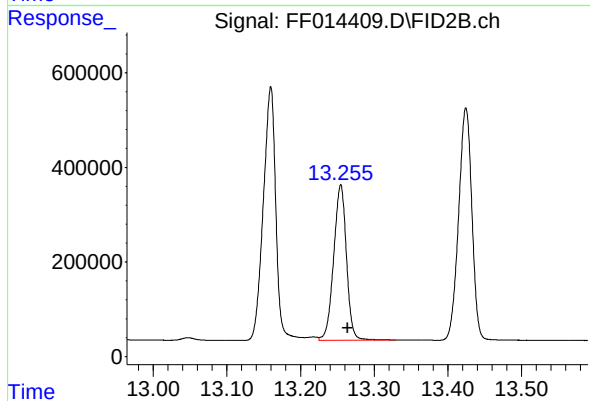
#10 n-Eicosane (C20)

R.T.: 12.813 min
Delta R.T.: -0.007 min
Response: 6395705
Conc: 50.89 ug/ml



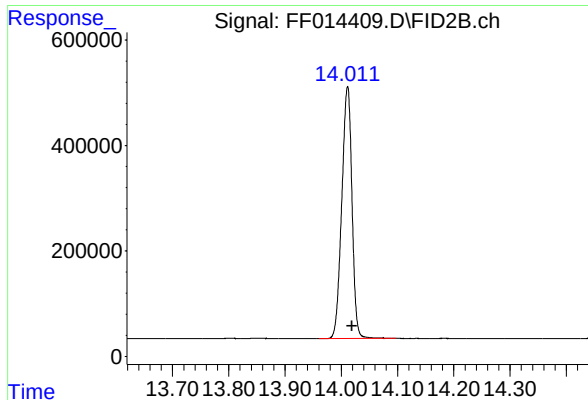
#11 n-Heneicosane (C21)

R.T.: 13.425 min
Delta R.T.: -0.008 min
Response: 6133715
Conc: 50.01 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.255 min
Delta R.T.: -0.009 min
Response: 3953494
Conc: 42.29 ug/ml



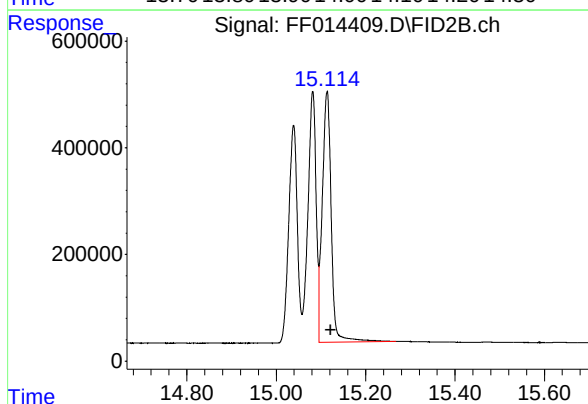
#13 n-Docosane (C22)

R.T.: 14.011 min
Delta R.T.: -0.008 min
Response: 6019860
Conc: 50.23 ug/ml

Instrument :
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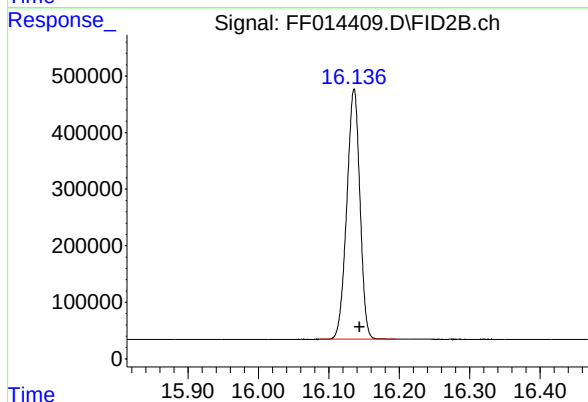
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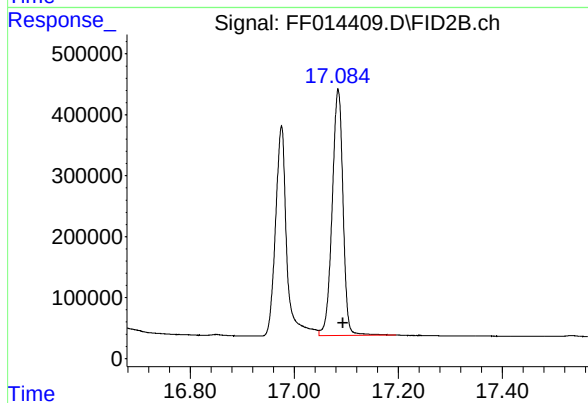
#14 n-Tetracosane (C24)

R.T.: 15.114 min
Delta R.T.: -0.008 min
Response: 6533056
Conc: 55.90 ug/ml



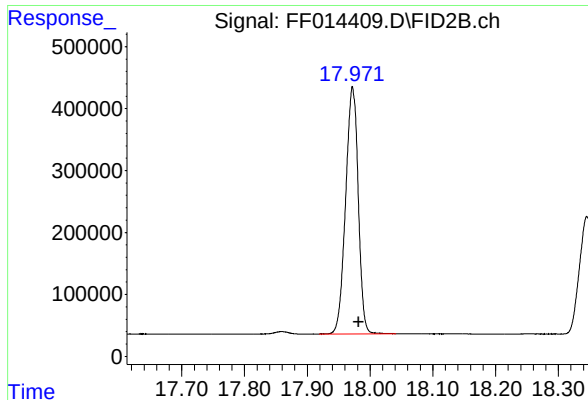
#15 n-Hexacosane (C26)

R.T.: 16.136 min
Delta R.T.: -0.008 min
Response: 5738897
Conc: 50.78 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.084 min
Delta R.T.: -0.009 min
Response: 5841733
Conc: 53.00 ug/ml



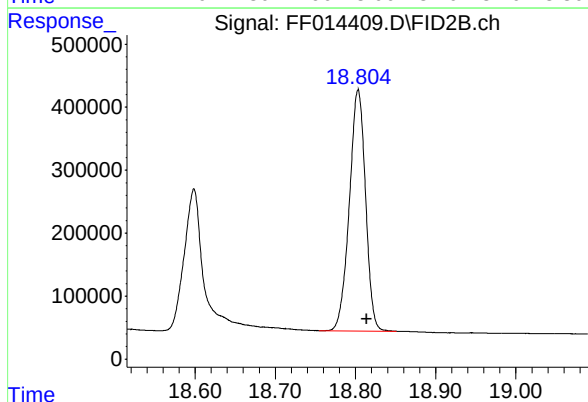
#17 n-Tricontane (C30)

R.T.: 17.972 min
Delta R.T.: -0.010 min
Response: 5560285
Conc: 49.82 ug/ml

Instrument :
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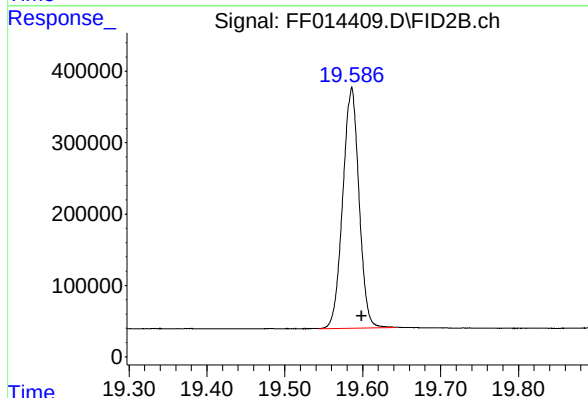
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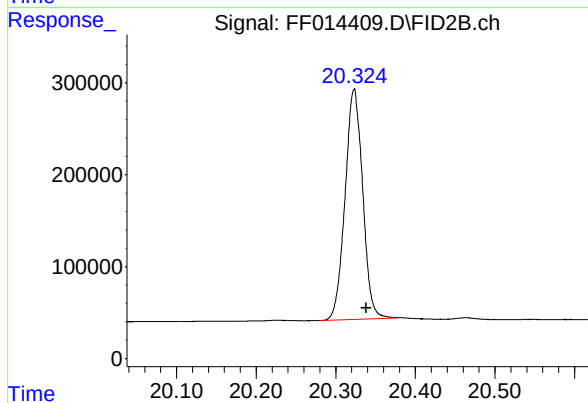
#18 n-Dotriacontane (C32)

R.T.: 18.804 min
Delta R.T.: -0.010 min
Response: 5377911
Conc: 49.00 ug/ml m



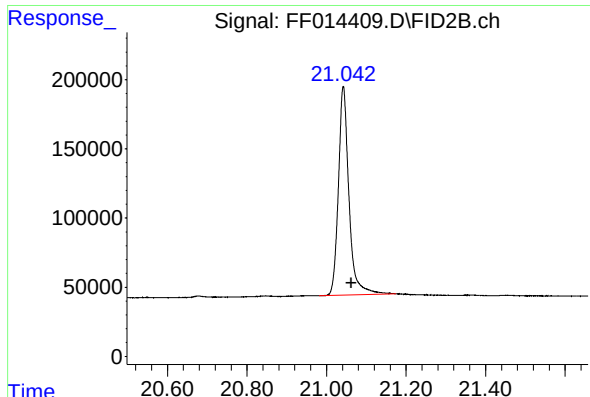
#19 n-Tetratriacontane (C34)

R.T.: 19.586 min
Delta R.T.: -0.013 min
Response: 4901517
Conc: 47.75 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.324 min
Delta R.T.: -0.015 min
Response: 3861857
Conc: 43.26 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.042 min
Delta R.T.: -0.020 min
Response: 2779374
Conc: 40.36 ug/ml

Instrument :

FID_F

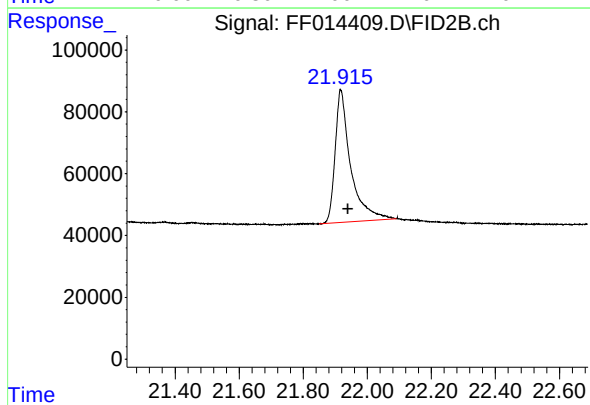
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#22 n-Tetracontane (C40)

R.T.: 21.916 min
Delta R.T.: -0.023 min
Response: 1435476
Conc: 32.09 ug/ml