

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111025AL\
 Data File : FE056720.D
 Signal(s) : FID1B.ch
 Acq On : 10 Nov 2025 19:39
 Operator : YP\AJ
 Sample : PB170458BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB170458BS

Manual Integrations**APPROVED**

Reviewed By :Rahul Chavli 11/11/2025

Supervised By :Yogesh Patel 11/11/2025

Integration File: autoint1.e

Quant Time: Nov 11 00:47:32 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M

Quant Title : GC Extractables

QLast Update : Thu Oct 30 12:50:27 2025

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)	11.966	7788230	37.280 ug/ml
Spiked Amount 50.000		Recovery =	74.56%
12) S 1-chlorooctadecane (S...	13.404	6309291	39.160 ug/ml
Spiked Amount 50.000		Recovery =	78.32%
Target Compounds			
1) T n-Nonane (C9)	3.329	5488310	32.676 ug/ml
2) T n-Decane (C10)	4.578	5808996	33.853 ug/mlm
3) T A~Naphthalene (C11.7)	6.290	7062626	38.262 ug/ml
4) T n-Dodecane (C12)	6.747	6165482	35.448 ug/ml
5) T A~2-methylnaphthalene...	7.389	6410836	36.174 ug/ml
6) T n-Tetradecane (C14)	8.582	6327716	36.251 ug/ml
7) T n-Hexadecane (C16)	10.194	6313275	34.507 ug/ml
8) T n-Octadecane (C18)	11.643	6300200	33.287 ug/ml
10) T n-Eicosane (C20)	12.957	6257909	33.579 ug/ml
11) T n-Heneicosane (C21)	13.571	6124385	33.306 ug/ml
13) T n-Docosane (C22)	14.158	6047100	32.303 ug/ml
14) T n-Tetracosane (C24)	15.266	12672769	64.702 ug/ml
15) T n-Hexacosane (C26)	16.291	5723659	29.452 ug/ml
16) T n-Octacosane (C28)	17.243	5670733	29.282 ug/mlm
17) T n-Tricontane (C30)	18.135	5349400	26.681 ug/ml
18) T n-Dotriacontane (C32)	18.968	5208258	26.485 ug/ml
19) T n-Tetratriacontane (C34)	19.753	5069365	29.369 ug/ml
20) T n-Hexatriacontane (C36)	20.495	4901389	33.883 ug/ml
21) T n-Octatriacontane (C38)	21.249	4882704	38.794 ug/mlm
22) T n-Tetracontane (C40)	22.191	5034412	43.545 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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QLast Update : Thu Oct 30 12:50:27 2025

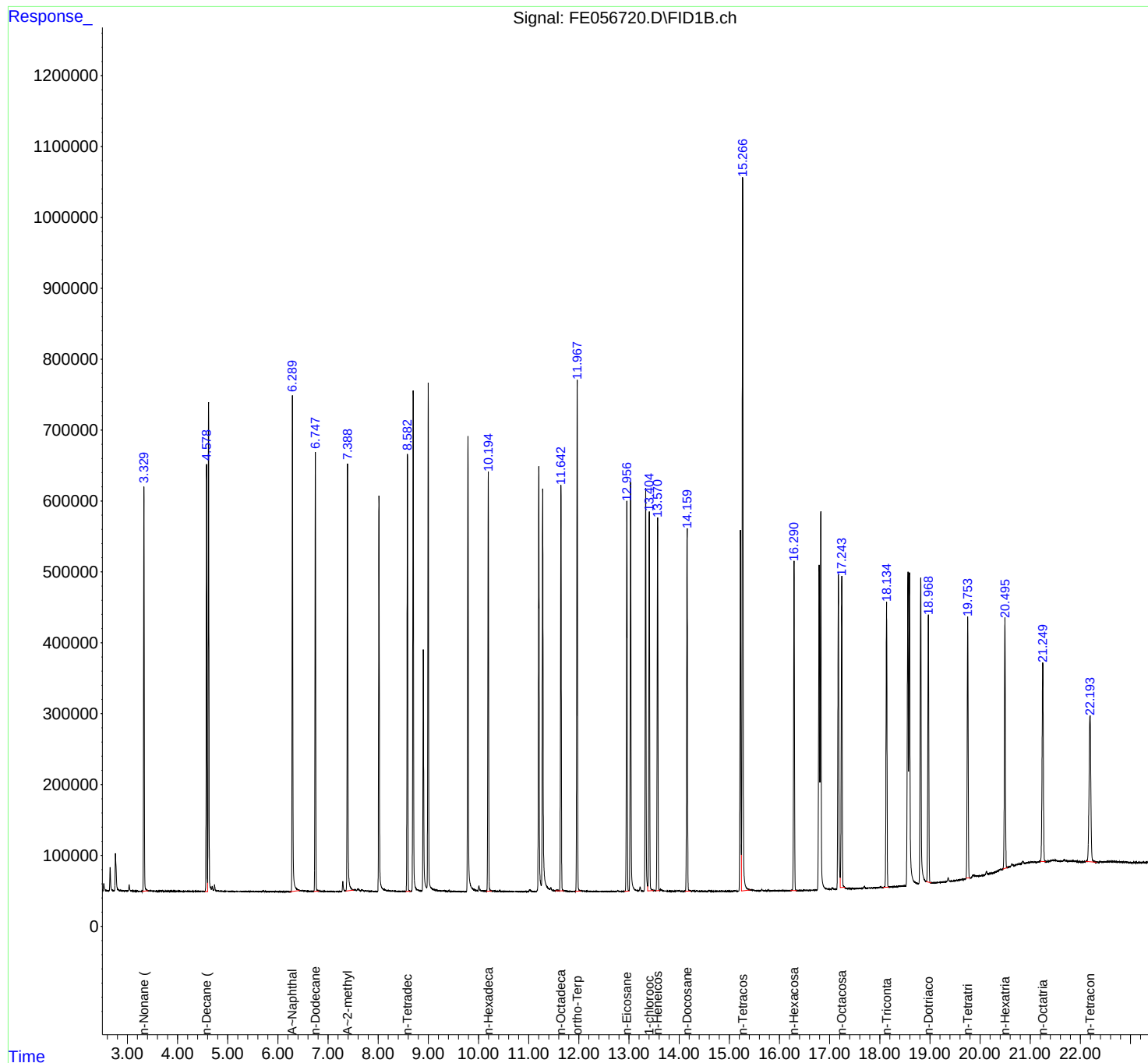
Response via : Initial Calibration

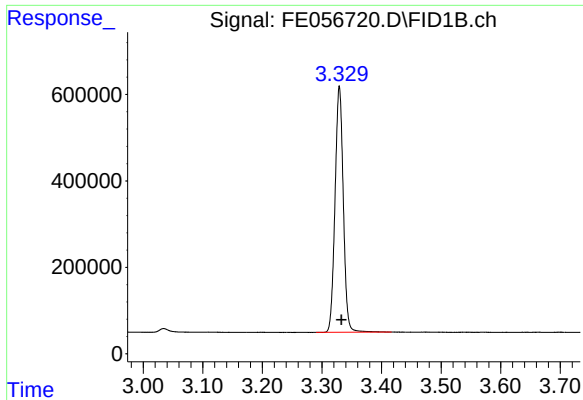
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





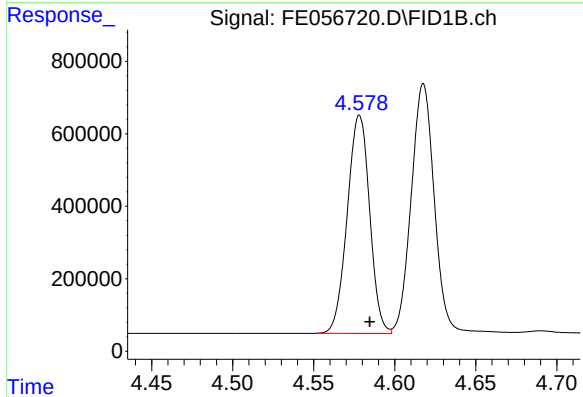
#1 n-Nonane (C9)

R.T.: 3.329 min
Delta R.T.: -0.004 min
Response: 5488310
Conc: 32.68 ug/ml

Instrument :
FID_E
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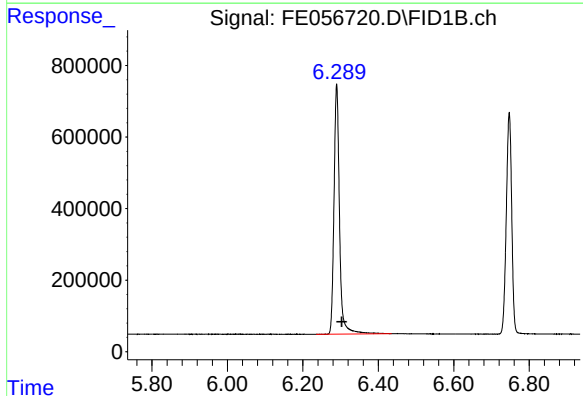
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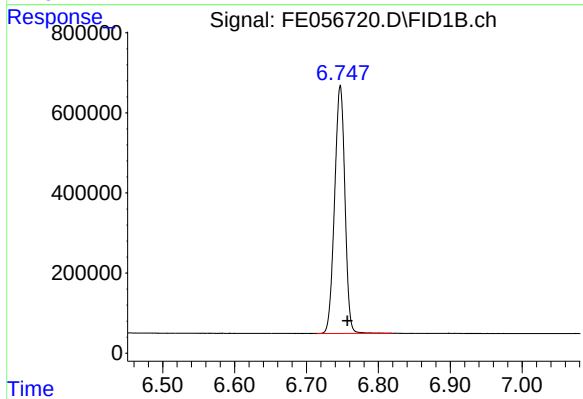
#2 n-Decane (C10)

R.T.: 4.578 min
Delta R.T.: -0.007 min
Response: 5808996
Conc: 33.85 ug/ml m



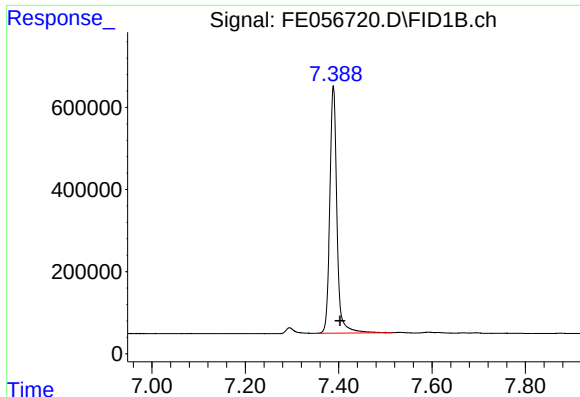
#3 A~Naphthalene (C11.7)

R.T.: 6.290 min
Delta R.T.: -0.014 min
Response: 7062626
Conc: 38.26 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.747 min
Delta R.T.: -0.010 min
Response: 6165482
Conc: 35.45 ug/ml



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

R.T.: 7.389 min
Delta R.T.: -0.014 min
Response: 6410836
Conc: 36.17 ug/ml

Instrument :

FID_E

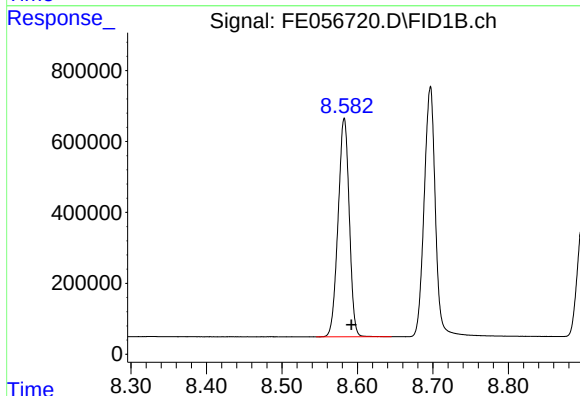
ClientSampleId :

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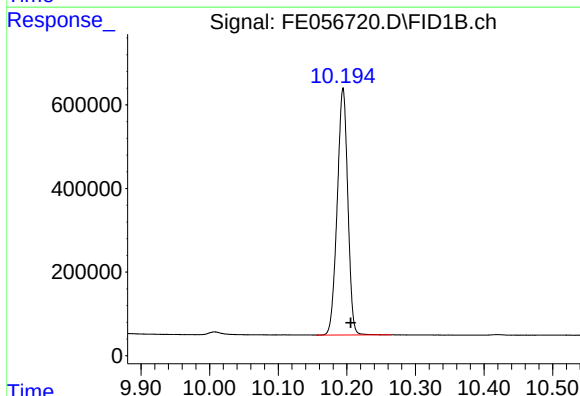
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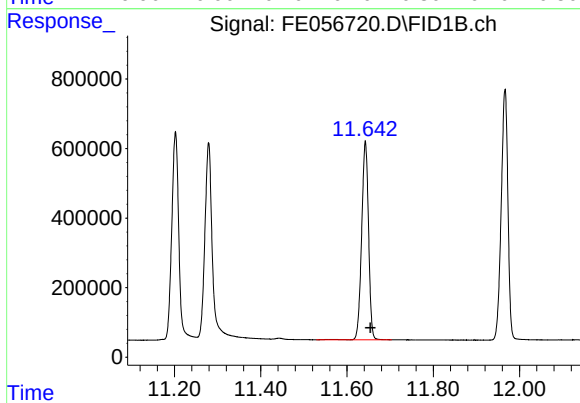
#6 n-Tetradecane (C14)

R.T.: 8.582 min
Delta R.T.: -0.009 min
Response: 6327716
Conc: 36.25 ug/ml



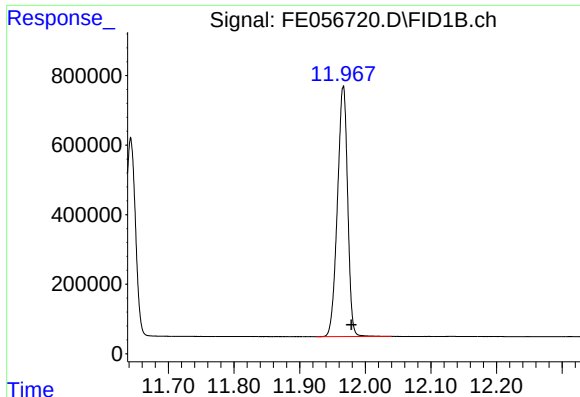
#7 n-Hexadecane (C16)

R.T.: 10.194 min
Delta R.T.: -0.011 min
Response: 6313275
Conc: 34.51 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.643 min
Delta R.T.: -0.012 min
Response: 6300200
Conc: 33.29 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.966 min
Delta R.T.: -0.012 min
Response: 7788230
Conc: 37.28 ug/ml

Instrument :

FID_E

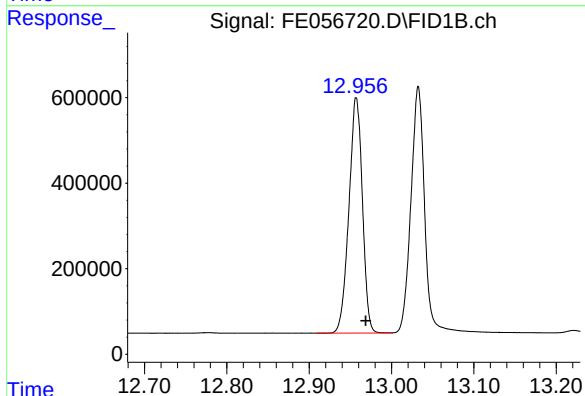
ClientSampleId :

PB170458BS

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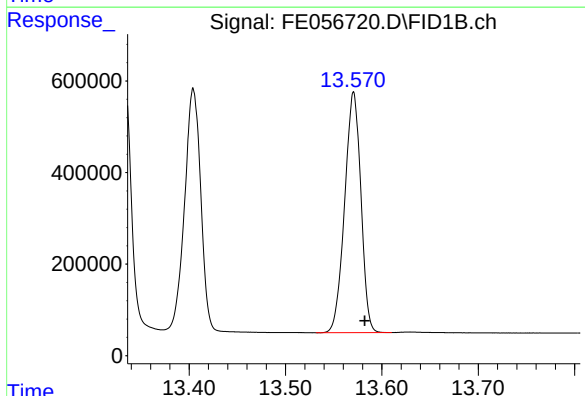
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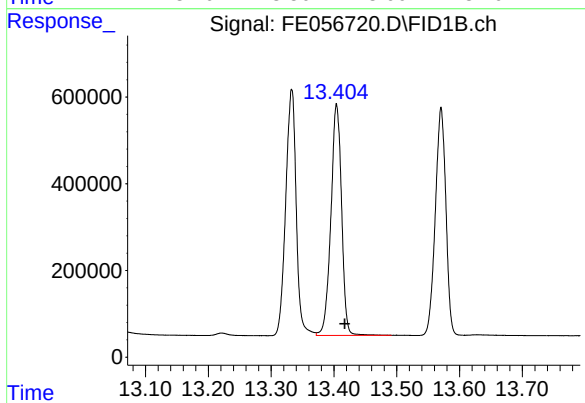
#10 n-Eicosane (C20)

R.T.: 12.957 min
Delta R.T.: -0.012 min
Response: 6257909
Conc: 33.58 ug/ml



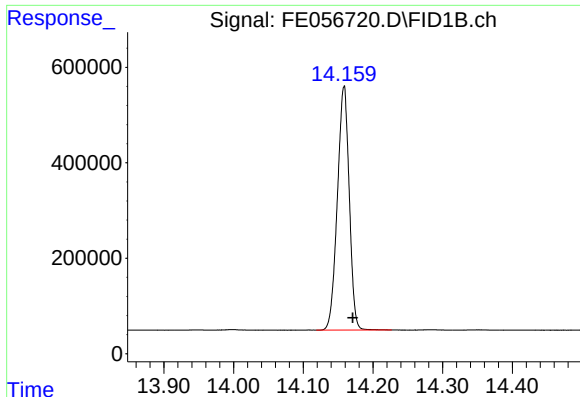
#11 n-Heneicosane (C21)

R.T.: 13.571 min
Delta R.T.: -0.012 min
Response: 6124385
Conc: 33.31 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.404 min
Delta R.T.: -0.013 min
Response: 6309291
Conc: 39.16 ug/ml



#13 n-Docosane (C22)

R.T.: 14.158 min
Delta R.T.: -0.012 min
Response: 6047100
Conc: 32.30 ug/ml

Instrument :

FID_E

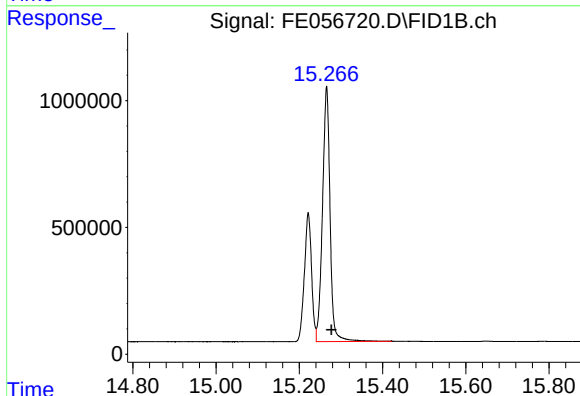
ClientSampleId :

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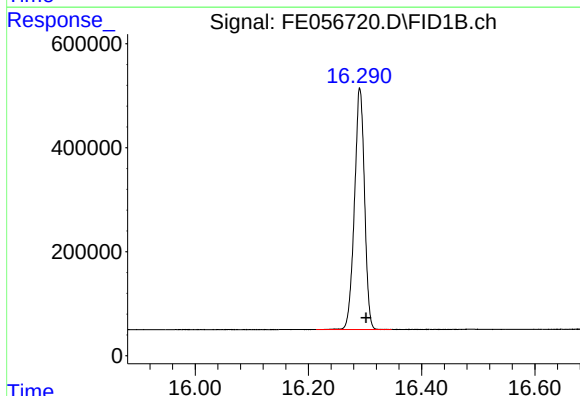
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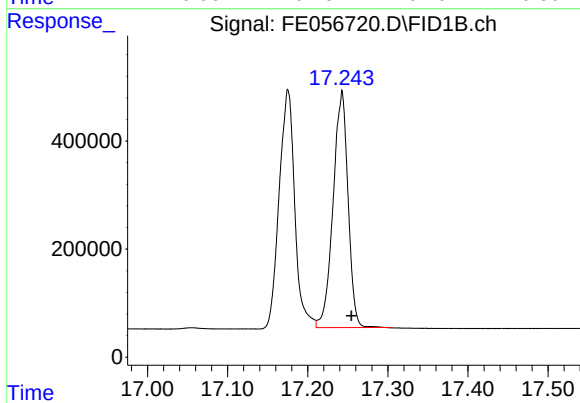
#14 n-Tetracosane (C24)

R.T.: 15.266 min
Delta R.T.: -0.012 min
Response: 12672769
Conc: 64.70 ug/ml



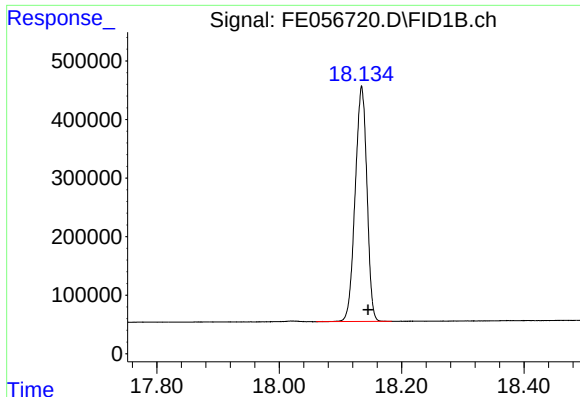
#15 n-Hexacosane (C26)

R.T.: 16.291 min
Delta R.T.: -0.011 min
Response: 5723659
Conc: 29.45 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.243 min
Delta R.T.: -0.012 min
Response: 5670733
Conc: 29.28 ug/ml m



#17 n-Tricontane (C30)

R.T.: 18.135 min
Delta R.T.: -0.010 min
Response: 5349400
Conc: 26.68 ug/ml

Instrument :

FID_E

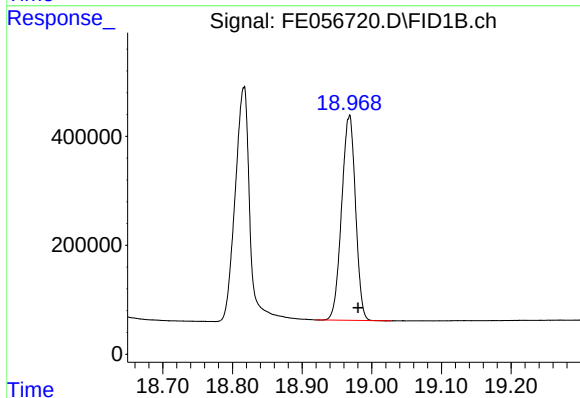
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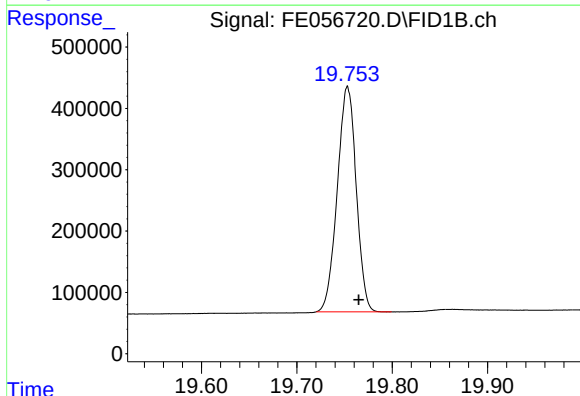
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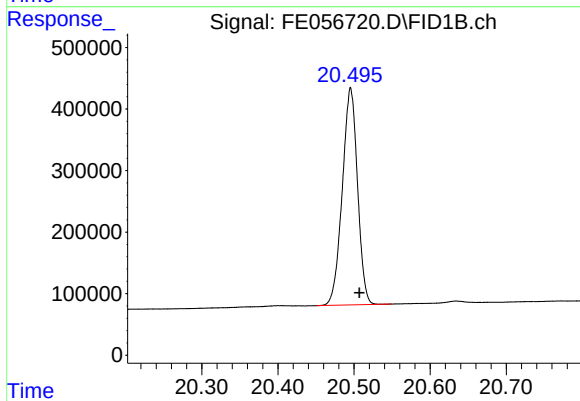
#18 n-Dotriacontane (C32)

R.T.: 18.968 min
Delta R.T.: -0.013 min
Response: 5208258
Conc: 26.48 ug/ml



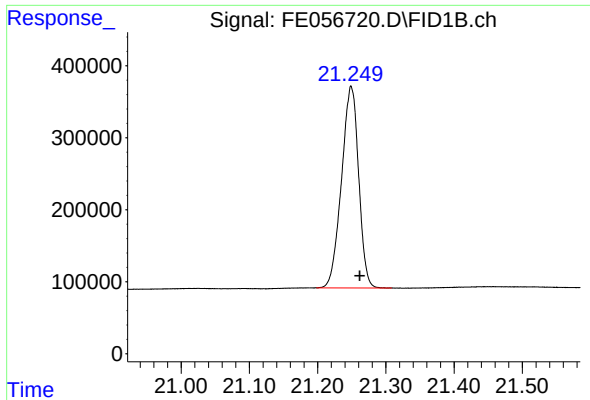
#19 n-Tetratriacontane (C34)

R.T.: 19.753 min
Delta R.T.: -0.012 min
Response: 5069365
Conc: 29.37 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.495 min
Delta R.T.: -0.011 min
Response: 4901389
Conc: 33.88 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.249 min
Delta R.T.: -0.013 min
Response: 4882704
Conc: 38.79 ug/ml

Instrument :

FID_E

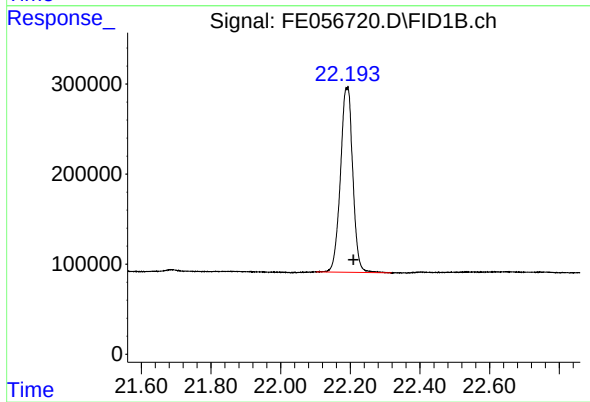
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#22 n-Tetracontane (C40)

R.T.: 22.191 min
Delta R.T.: -0.018 min
Response: 5034412
Conc: 43.55 ug/ml