

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062623AL\
 Data File : FE042930.D
 Signal(s) : FID1B.ch
 Acq On : 26 Jun 2023 19:49
 Operator : YP\AJ
 Sample : 03402-05MS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

TP3-0623MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2023

Supervised By :Ankita Jodhani 06/27/2023

Integration File: autoint1.e

Quant Time: Jun 27 01:19:32 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.M

Quant Title : GC Extractables

QLast Update : Wed Jun 21 11:03:59 2023

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)	11.919	5659435	30.807 ug/ml
Spiked Amount 50.000		Recovery =	61.61%
12) S 1-chlorooctadecane (S...	13.357	4629551	34.018 ug/ml
Spiked Amount 50.000		Recovery =	68.04%
Target Compounds			
1) T n-Nonane (C9)	3.297	3977263	25.748 ug/ml
2) T n-Decane (C10)	4.550	4486765	28.405 ug/ml
3) T A~Naphthalene (C11.7)	6.258	5388895	31.826 ug/ml
4) T n-Dodecane (C12)	6.719	5056061	31.587 ug/ml
5) T A~2-methylnaphthalene...	7.356	5446886	33.595 ug/ml
6) T n-Tetradecane (C14)	8.550	5529248	34.742 ug/ml
7) T n-Hexadecane (C16)	10.157	5808442	35.267 ug/ml
8) T n-Octadecane (C18)	11.601	6221089	37.427 ug/ml
10) T n-Eicosane (C20)	12.911	6041356	38.072 ug/ml
11) T n-Heneicosane (C21)	13.523	5910666	38.204 ug/ml
13) T n-Docosane (C22)	14.110	5877147	38.582 ug/ml
14) T n-Tetracosane (C24)	15.207	11099915	74.811 ug/ml
15) T n-Hexacosane (C26)	16.237	5553015	38.843 ug/ml
16) T n-Octacosane (C28)	17.186	5503044	39.677 ug/ml
17) T n-Tricontane (C30)	18.075	5518790	39.022 ug/ml
18) T n-Dotriacontane (C32)	18.905	5443573	38.811 ug/ml
19) T n-Tetratriacontane (C34)	19.691	5484659	40.079 ug/ml
20) T n-Hexatriacontane (C36)	20.432	5056382	37.809 ug/mlm
21) T n-Octatriacontane (C38)	21.175	4962281	36.396 ug/ml
22) T n-Tetracontane (C40)	22.091	5154186	37.046 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : 03402-05MS
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ALS Vial : 35 Sample Multiplier: 1

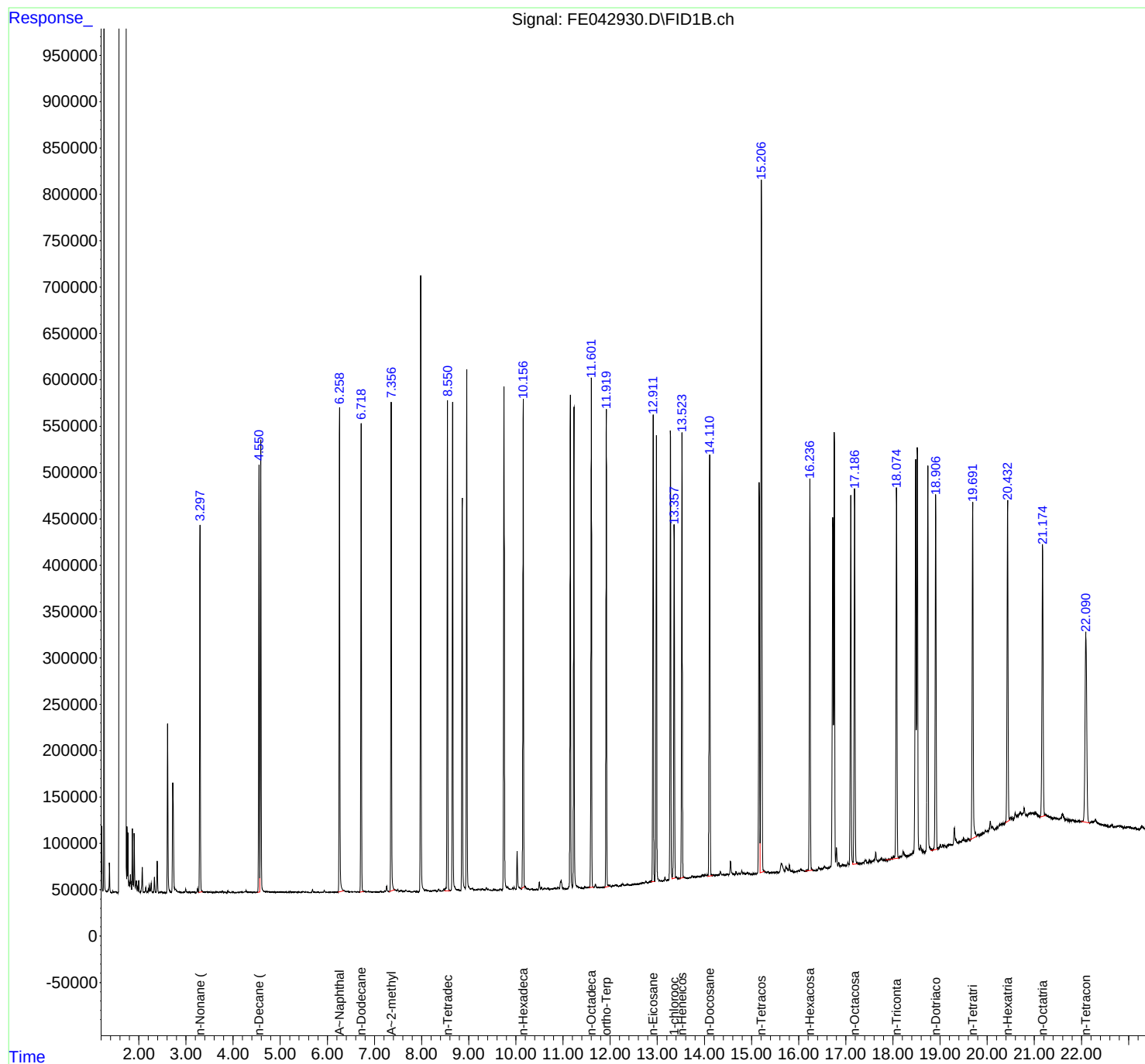
Instrument :
FID_E
ClientSampleId :
TP3-0623MS

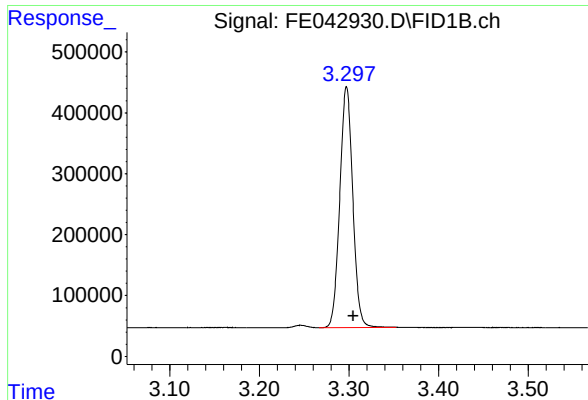
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Integration File: autoint1.e
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Quant Title : GC Extractables
QLast Update : Wed Jun 21 11:03:59 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





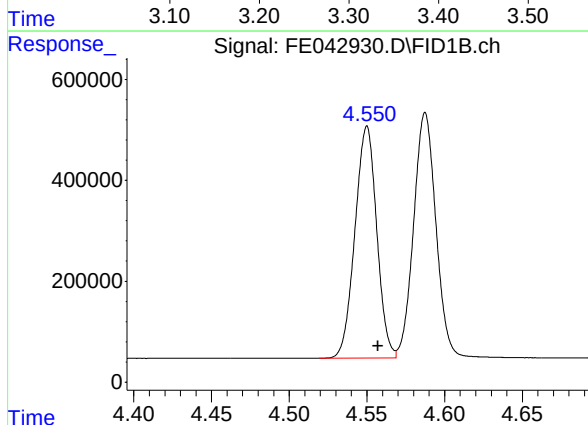
#1 n-Nonane (C9)

R.T.: 3.297 min
Delta R.T.: -0.008 min
Response: 3977263
Conc: 25.75 ug/ml

Instrument :
FID_E
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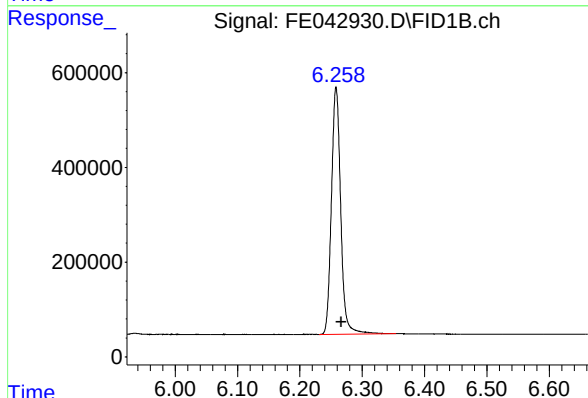
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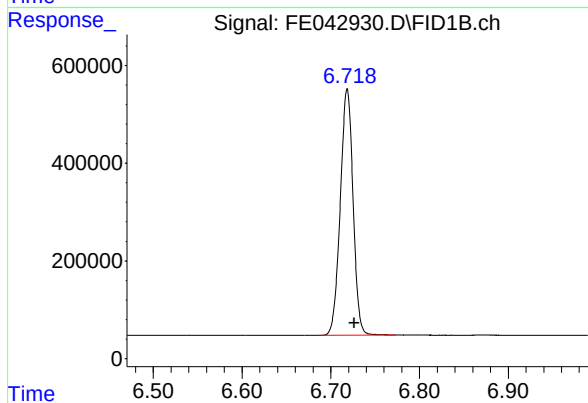
#2 n-Decane (C10)

R.T.: 4.550 min
Delta R.T.: -0.007 min
Response: 4486765
Conc: 28.40 ug/ml



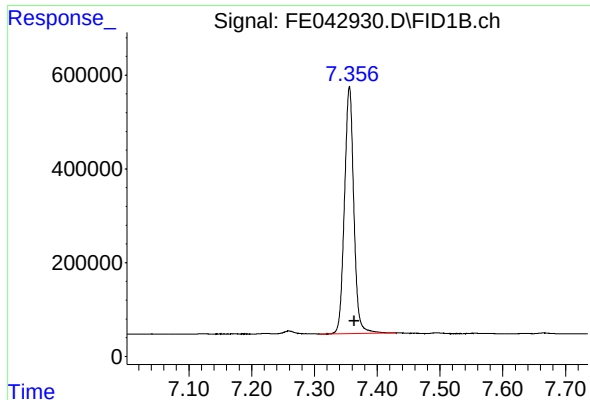
#3 A~Naphthalene (C11.7)

R.T.: 6.258 min
Delta R.T.: -0.008 min
Response: 5388895
Conc: 31.83 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.719 min
Delta R.T.: -0.008 min
Response: 5056061
Conc: 31.59 ug/ml



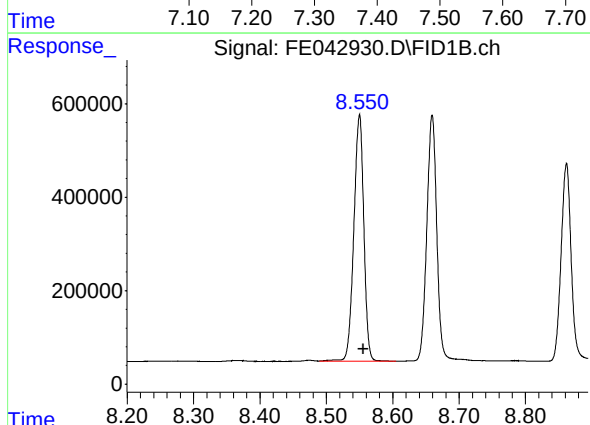
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.356 min
Delta R.T.: -0.008 min
Response: 5446886
Conc: 33.59 ug/ml

Instrument :
FID_E
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TP3-0623MS

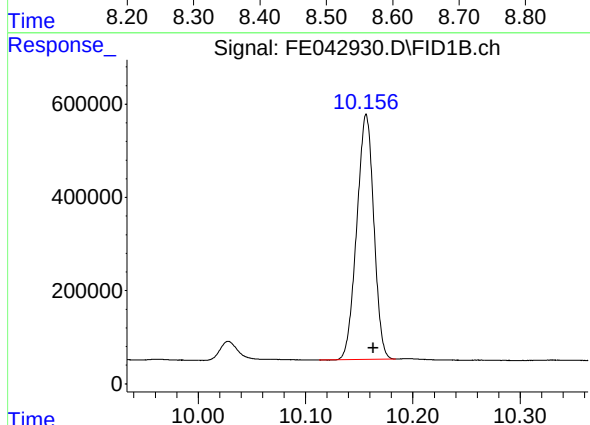
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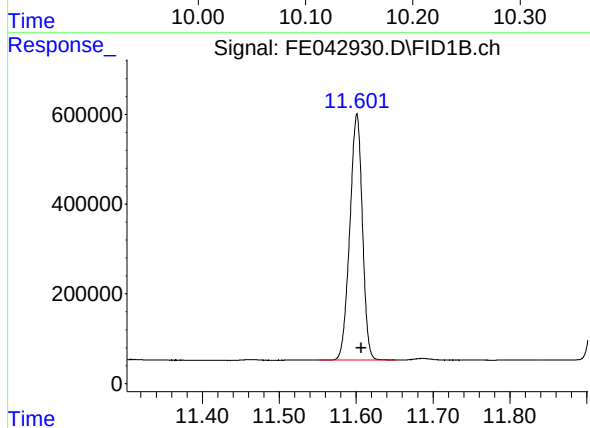
#6 n-Tetradecane (C14)

R.T.: 8.550 min
Delta R.T.: -0.005 min
Response: 5529248
Conc: 34.74 ug/ml



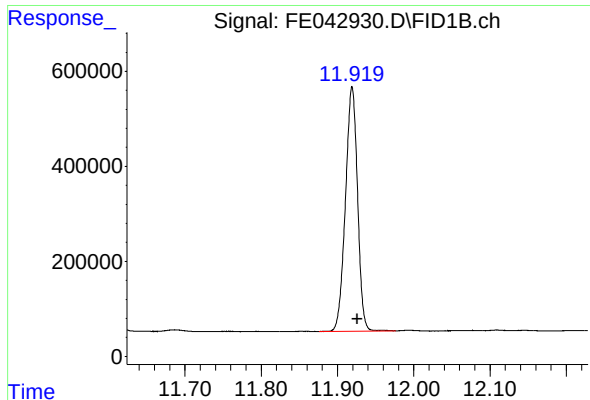
#7 n-Hexadecane (C16)

R.T.: 10.157 min
Delta R.T.: -0.006 min
Response: 5808442
Conc: 35.27 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.601 min
Delta R.T.: -0.006 min
Response: 6221089
Conc: 37.43 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.919 min
Delta R.T.: -0.007 min
Response: 5659435
Conc: 30.81 ug/ml

Instrument :

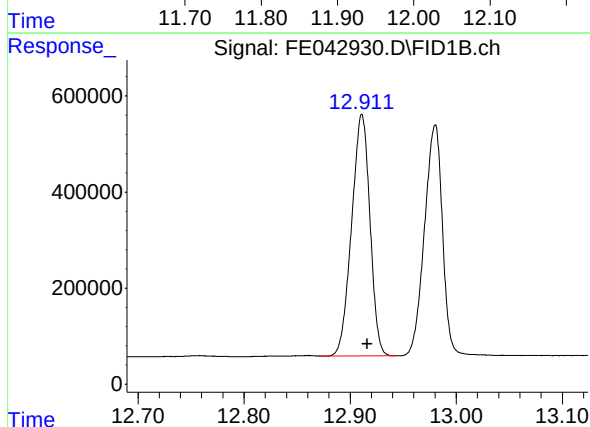
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ClientSampleId :

TP3-0623MS

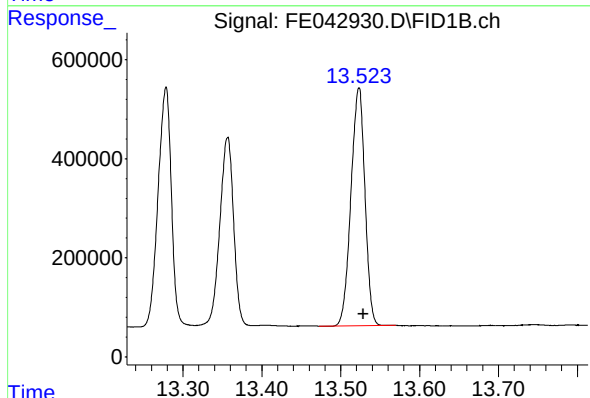
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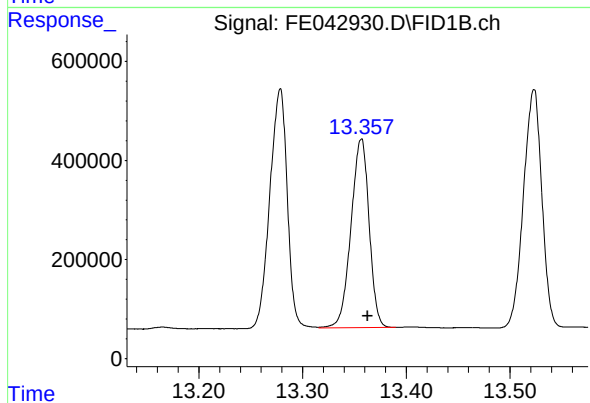
#10 n-Eicosane (C20)

R.T.: 12.911 min
Delta R.T.: -0.005 min
Response: 6041356
Conc: 38.07 ug/ml



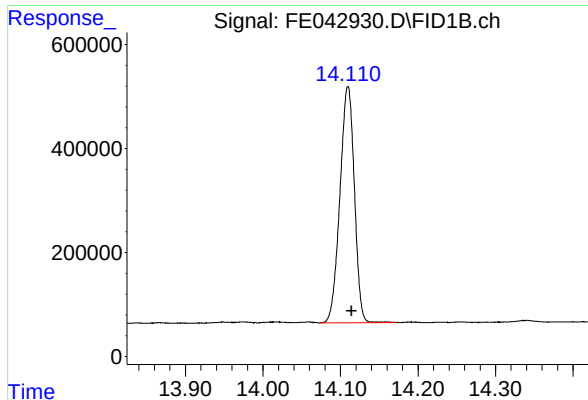
#11 n-Heneicosane (C21)

R.T.: 13.523 min
Delta R.T.: -0.005 min
Response: 5910666
Conc: 38.20 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.357 min
Delta R.T.: -0.006 min
Response: 4629551
Conc: 34.02 ug/ml



#13 n-Docosane (C22)

R.T.: 14.110 min
Delta R.T.: -0.005 min
Response: 5877147
Conc: 38.58 ug/ml

Instrument :

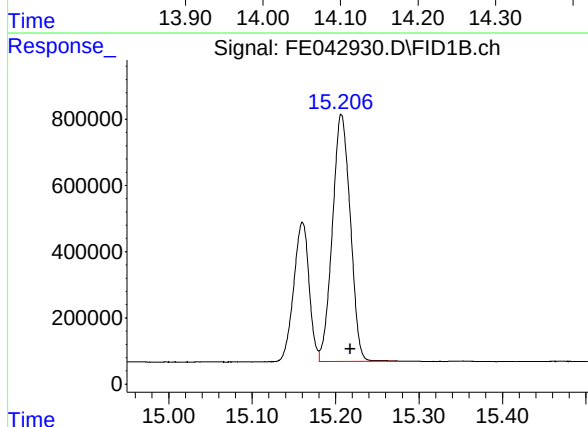
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ClientSampleId :

TP3-0623MS

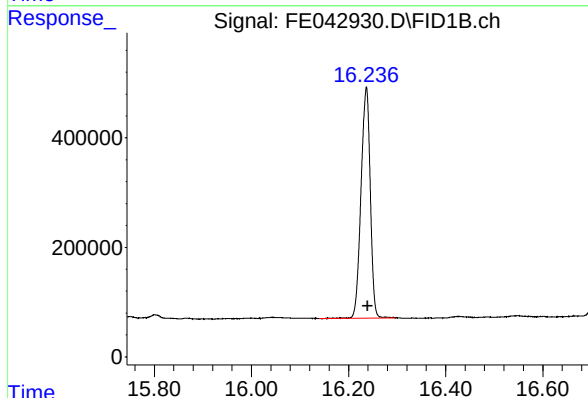
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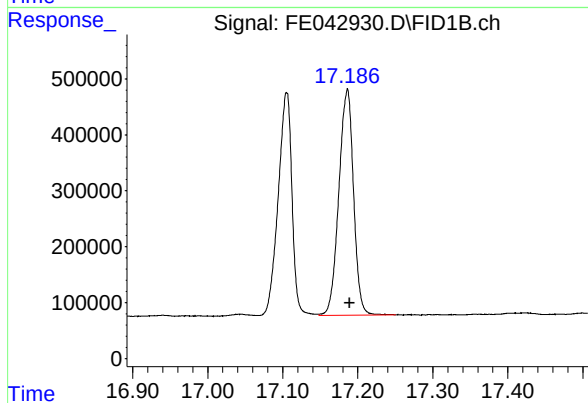
#14 n-Tetracosane (C24)

R.T.: 15.207 min
Delta R.T.: -0.011 min
Response: 11099915
Conc: 74.81 ug/ml



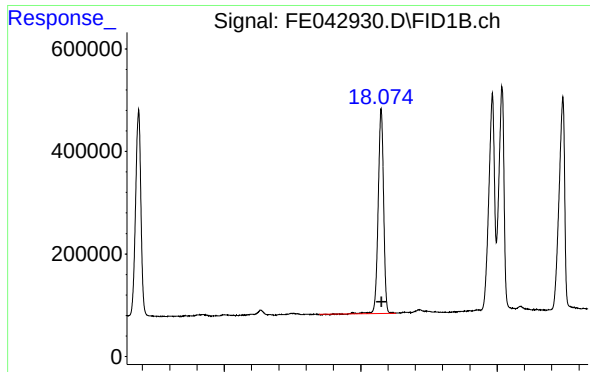
#15 n-Hexacosane (C26)

R.T.: 16.237 min
Delta R.T.: -0.003 min
Response: 5553015
Conc: 38.84 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.186 min
Delta R.T.: -0.003 min
Response: 5503044
Conc: 39.68 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.075 min
Delta R.T.: -0.002 min
Response: 5518790
Conc: 39.02 ug/ml

Instrument :

FID_E

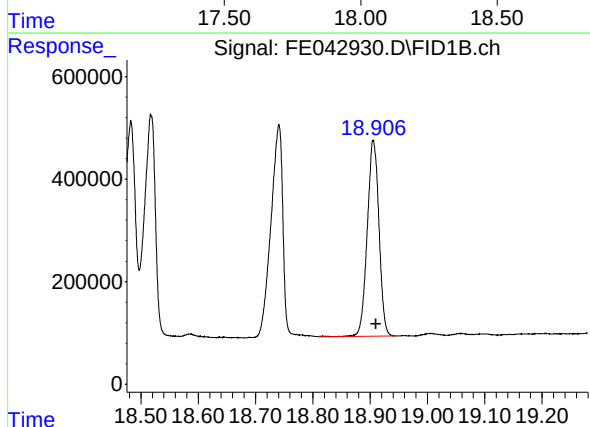
ClientSampleId :

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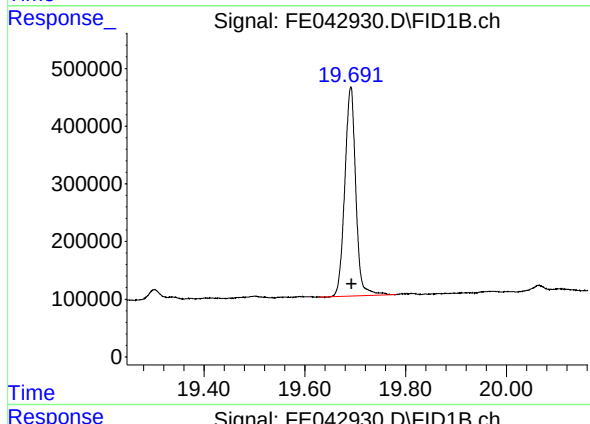
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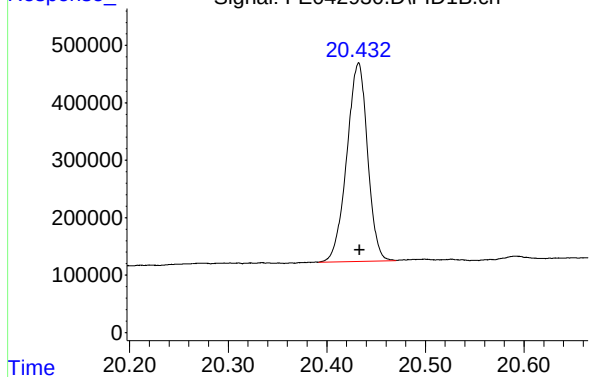
#18 n-Dotriacontane (C32)

R.T.: 18.905 min
Delta R.T.: -0.005 min
Response: 5443573
Conc: 38.81 ug/ml



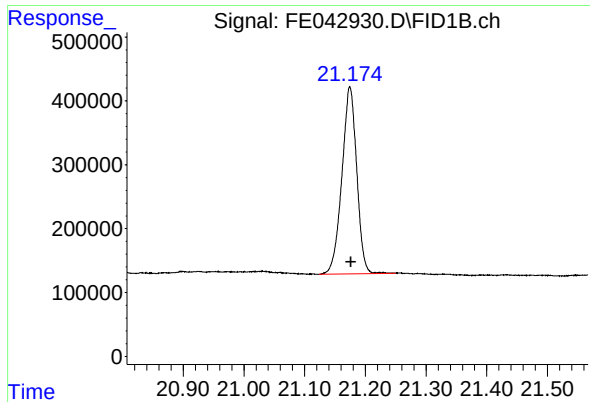
#19 n-Tetratriacontane (C34)

R.T.: 19.691 min
Delta R.T.: -0.002 min
Response: 5484659
Conc: 40.08 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.432 min
Delta R.T.: -0.001 min
Response: 5056382
Conc: 37.81 ug/ml m



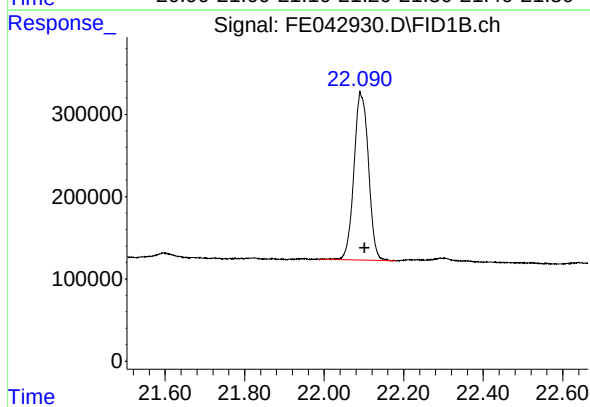
#21 n-Octatriacontane (C38)

R.T.: 21.175 min
Delta R.T.: -0.002 min
Response: 4962281
Conc: 36.40 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 22.091 min
Delta R.T.: -0.011 min
Response: 5154186
Conc: 37.05 ug/ml