

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101723AL\
 Data File : FE044895.D
 Signal(s) : FID1B.ch
 Acq On : 17 Oct 2023 14:26
 Operator : YP\AJ
 Sample : PB156432BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB156432BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :Ankita Jodhani 10/18/2023

Integration File: autoint1.e

Quant Time: Oct 17 16:06:56 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.M

Quant Title : GC Extractables

QLast Update : Thu Oct 12 06:15:32 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)	11.908	8298851	41.398 ug/ml
Spiked Amount 50.000		Recovery =	82.80%
12) S 1-chlorooctadecane (S...	13.349	6497809	43.908 ug/ml
Spiked Amount 50.000		Recovery =	87.82%
Target Compounds			
1) T n-Nonane (C9)	3.298	5260605	31.359 ug/ml
2) T n-Decane (C10)	4.546	5693989	33.425 ug/ml
3) T A~Naphthalene (C11.7)	6.243	6461251	34.903 ug/ml
4) T n-Dodecane (C12)	6.707	6218052	36.022 ug/ml
5) T A~2-methylnaphthalene...	7.338	6547121	36.294 ug/ml
6) T n-Tetradecane (C14)	8.537	6843603	39.909 ug/ml
7) T n-Hexadecane (C16)	10.145	7423840	42.454 ug/ml
8) T n-Octadecane (C18)	11.593	7565563	43.377 ug/ml
10) T n-Eicosane (C20)	12.904	7494931	44.872 ug/ml
11) T n-Heneicosane (C21)	13.517	7138336	43.790 ug/ml
13) T n-Docosane (C22)	14.104	7017225	43.870 ug/ml
14) T n-Tetracosane (C24)	15.189	13572539	87.454 ug/mlm
15) T n-Hexacosane (C26)	16.234	6631530	44.170 ug/ml
16) T n-Octacosane (C28)	17.183	6640084	45.219 ug/ml
17) T n-Tricontane (C30)	18.074	6576923	44.221 ug/ml
18) T n-Dotriacontane (C32)	18.907	6678350	44.494 ug/ml
19) T n-Tetratriacontane (C34)	19.691	6712850	45.094 ug/ml
20) T n-Hexatriacontane (C36)	20.433	6625496	43.095 ug/mlm
21) T n-Octatriacontane (C38)	21.171	7127342	45.627 ug/ml
22) T n-Tetracontane (C40)	22.092	7366148	44.076 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB156432BS
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ALS Vial : 22 Sample Multiplier: 1

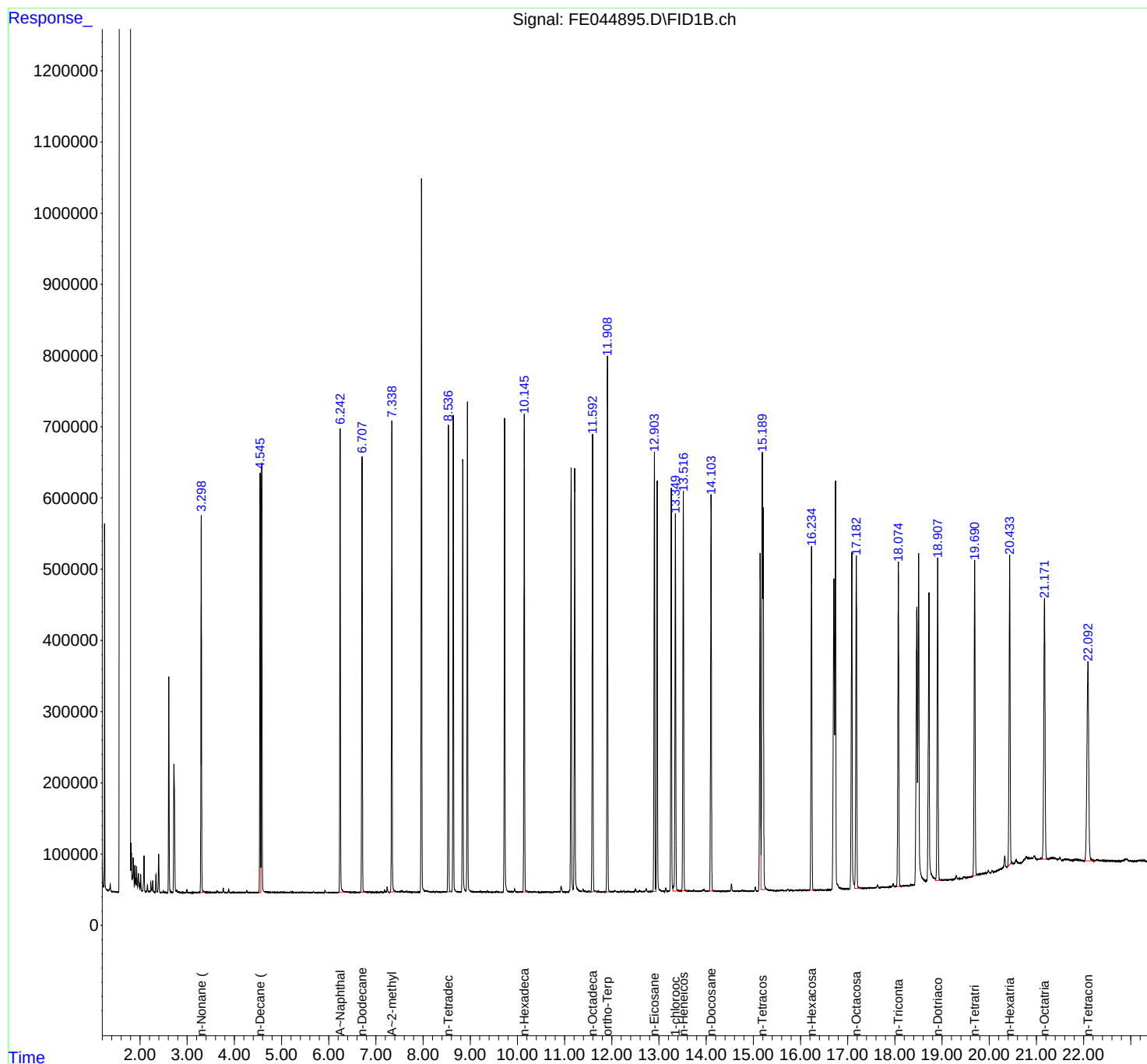
Instrument :
FID_E
ClientSampleId :
PB156432BS

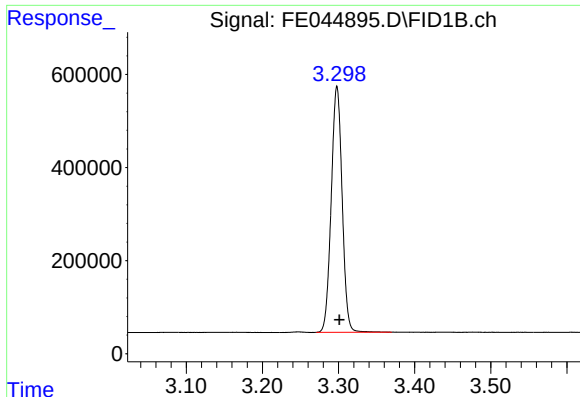
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QLast Update : Thu Oct 12 06:15:32 2023
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Integrator: ChemStation

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





#1 n-Nonane (C9)

R.T.: 3.298 min
Delta R.T.: -0.003 min
Response: 5260605
Conc: 31.36 ug/ml

Instrument :

FID_E

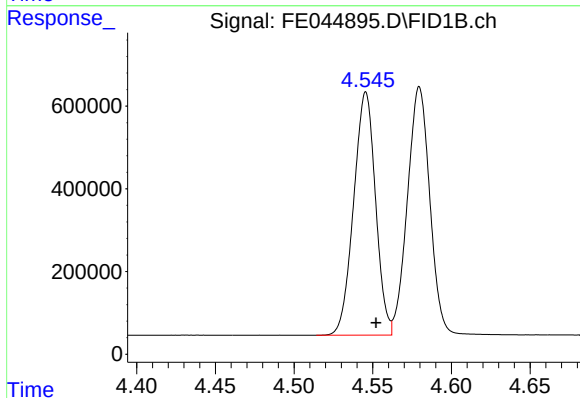
ClientSampleId :

PB156432BS

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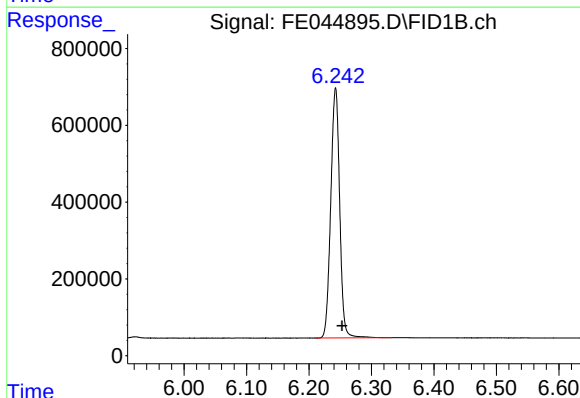
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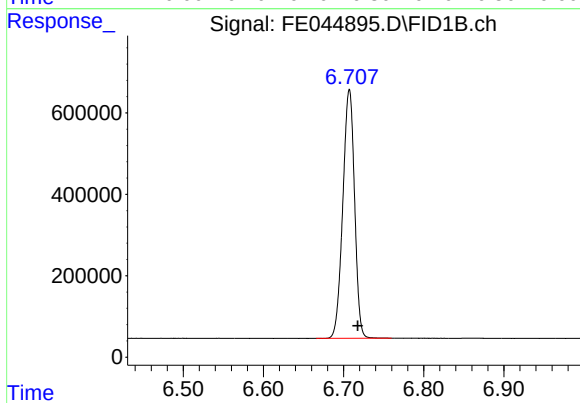
#2 n-Decane (C10)

R.T.: 4.546 min
Delta R.T.: -0.006 min
Response: 5693989
Conc: 33.43 ug/ml



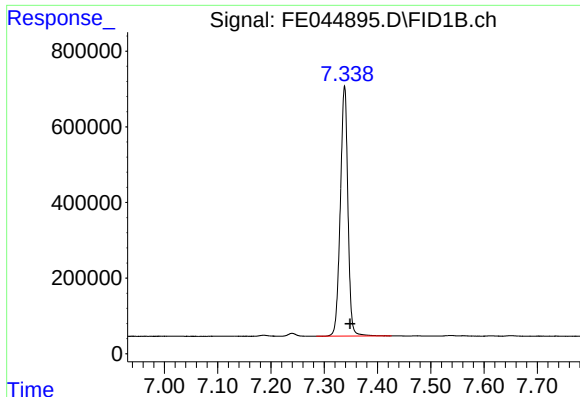
#3 A~Naphthalene (C11.7)

R.T.: 6.243 min
Delta R.T.: -0.011 min
Response: 6461251
Conc: 34.90 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.707 min
Delta R.T.: -0.010 min
Response: 6218052
Conc: 36.02 ug/ml



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

R.T.: 7.338 min
Delta R.T.: -0.011 min
Response: 6547121
Conc: 36.29 ug/ml

Instrument :

FID_E

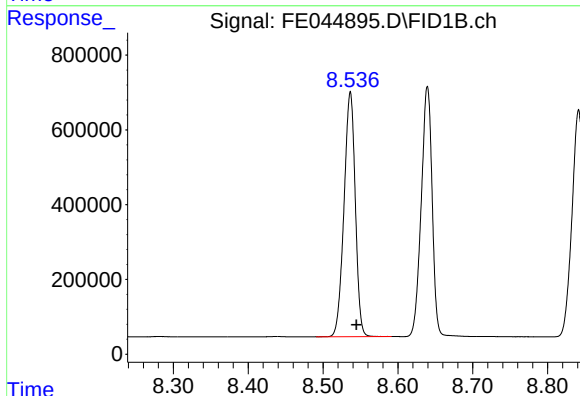
ClientSampleId :

PB156432BS

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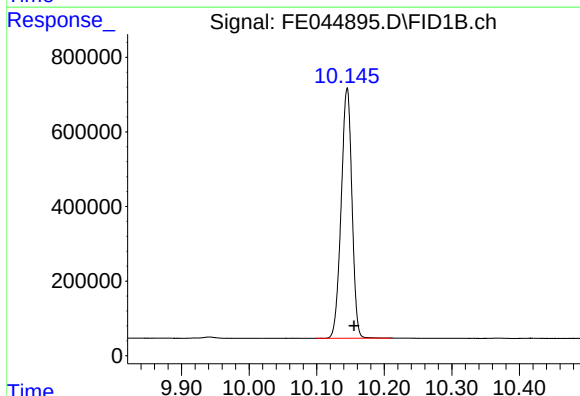
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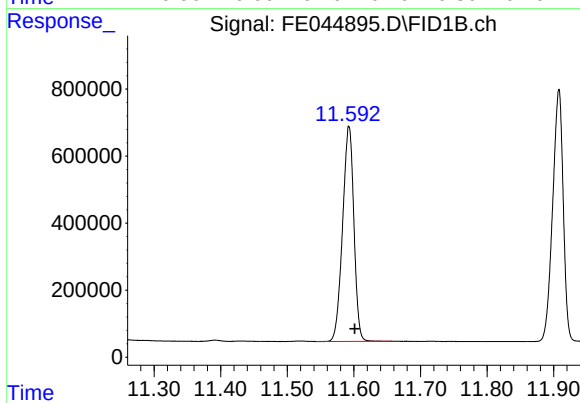
#6 n-Tetradecane (C14)

R.T.: 8.537 min
Delta R.T.: -0.008 min
Response: 6843603
Conc: 39.91 ug/ml



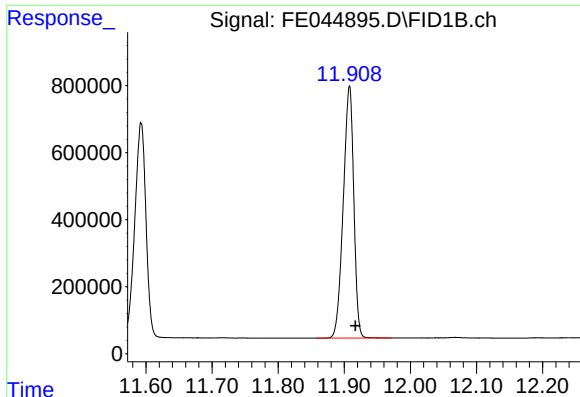
#7 n-Hexadecane (C16)

R.T.: 10.145 min
Delta R.T.: -0.010 min
Response: 7423840
Conc: 42.45 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.593 min
Delta R.T.: -0.008 min
Response: 7565563
Conc: 43.38 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.908 min
Delta R.T.: -0.009 min
Response: 8298851
Conc: 41.40 ug/ml

Instrument :

FID_E

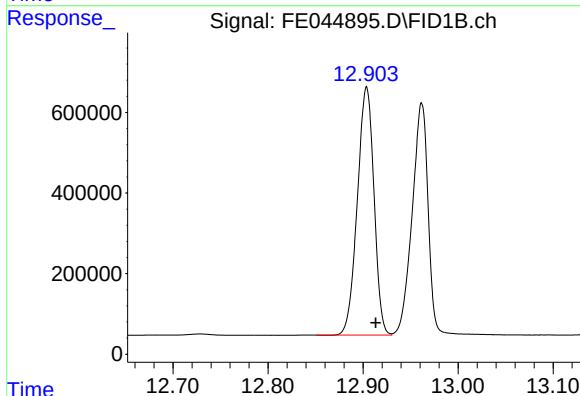
ClientSampleId :

PB156432BS

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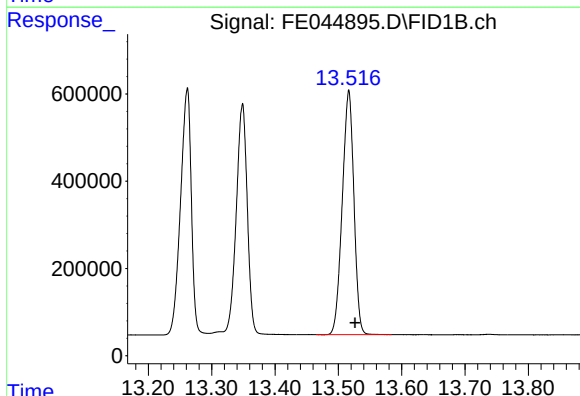
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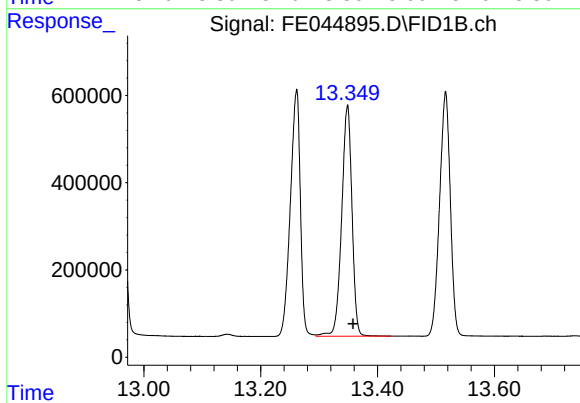
#10 n-Eicosane (C20)

R.T.: 12.904 min
Delta R.T.: -0.010 min
Response: 7494931
Conc: 44.87 ug/ml



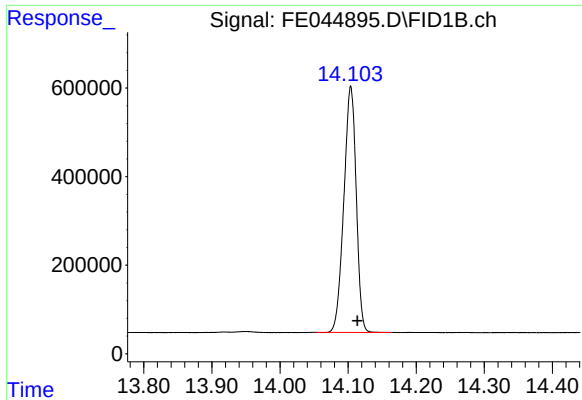
#11 n-Heneicosane (C21)

R.T.: 13.517 min
Delta R.T.: -0.010 min
Response: 7138336
Conc: 43.79 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.349 min
Delta R.T.: -0.010 min
Response: 6497809
Conc: 43.91 ug/ml



#13 n-Docosane (C22)

R.T.: 14.104 min
Delta R.T.: -0.010 min
Response: 7017225
Conc: 43.87 ug/ml

Instrument :

FID_E

ClientSampleId :

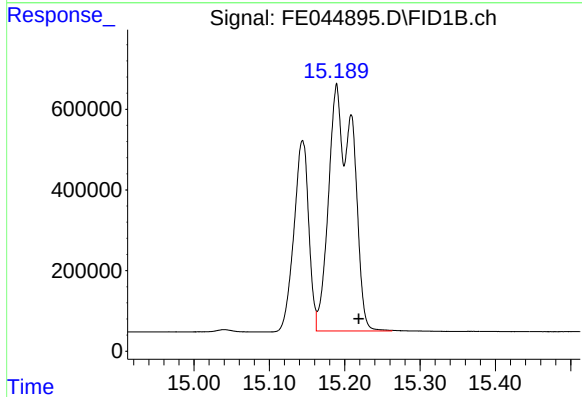
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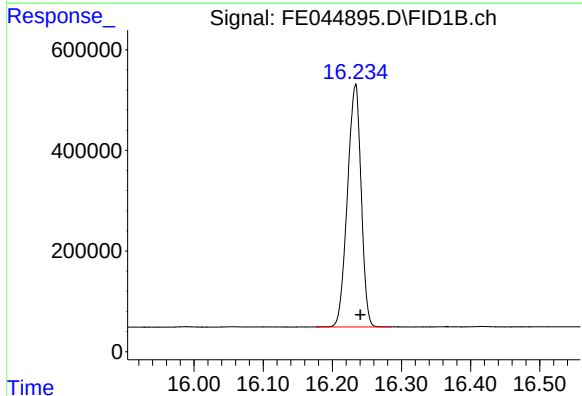
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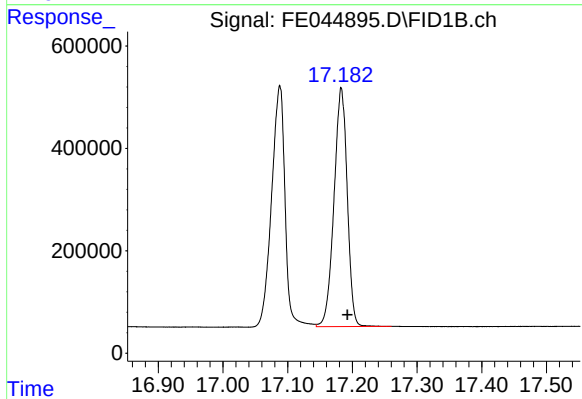
#14 n-Tetracosane (C24)

R.T.: 15.189 min
Delta R.T.: -0.030 min
Response: 13572539
Conc: 87.45 ug/ml m



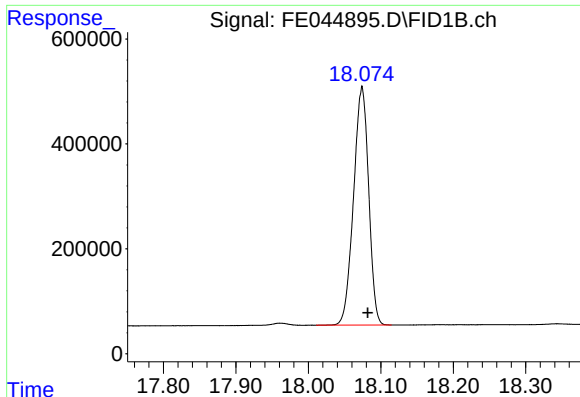
#15 n-Hexacosane (C26)

R.T.: 16.234 min
Delta R.T.: -0.007 min
Response: 6631530
Conc: 44.17 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.183 min
Delta R.T.: -0.010 min
Response: 6640084
Conc: 45.22 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.074 min
Delta R.T.: -0.008 min
Response: 6576923
Conc: 44.22 ug/ml

Instrument :

FID_E

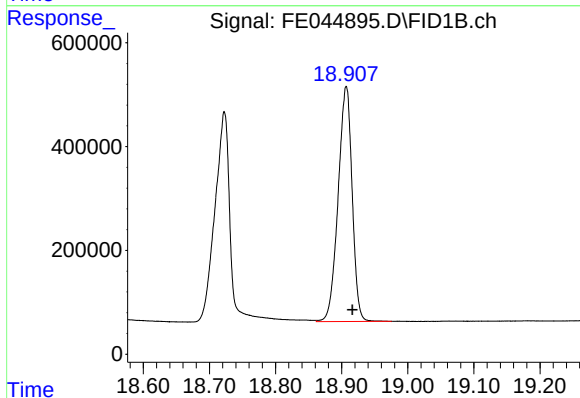
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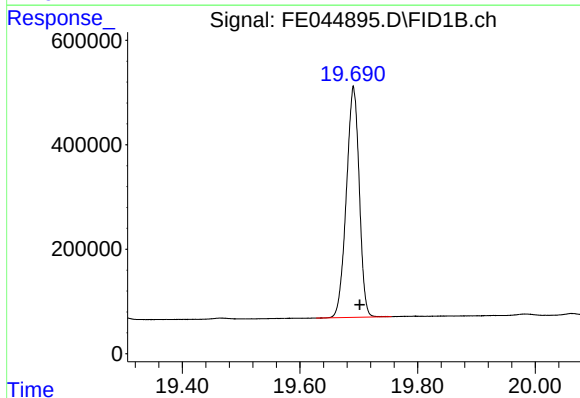
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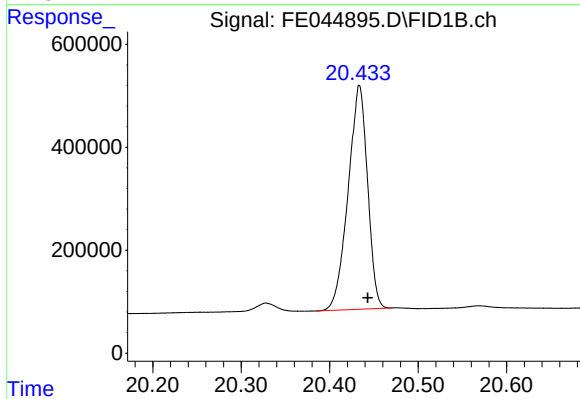
#18 n-Dotriacontane (C32)

R.T.: 18.907 min
Delta R.T.: -0.009 min
Response: 6678350
Conc: 44.49 ug/ml



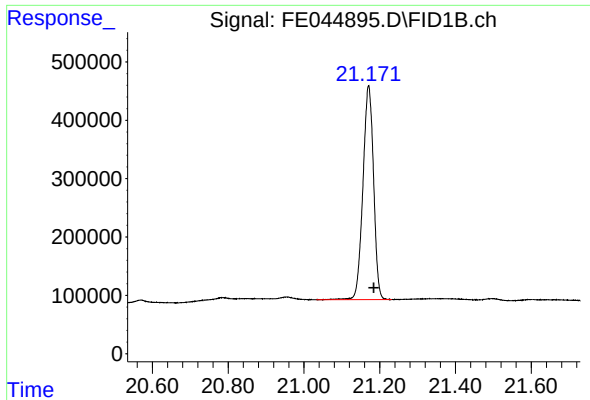
#19 n-Tetratriacontane (C34)

R.T.: 19.691 min
Delta R.T.: -0.010 min
Response: 6712850
Conc: 45.09 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.433 min
Delta R.T.: -0.010 min
Response: 6625496
Conc: 43.10 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.171 min
Delta R.T.: -0.013 min
Response: 7127342
Conc: 45.63 ug/ml

Instrument :

FID_E

ClientSampleId :

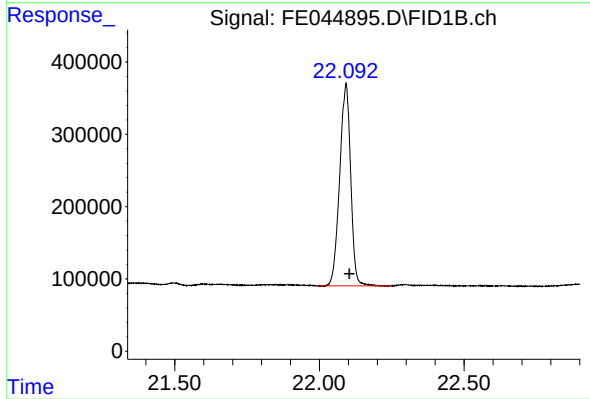
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#22 n-Tetracontane (C40)

R.T.: 22.092 min
Delta R.T.: -0.011 min
Response: 7366148
Conc: 44.08 ug/ml