

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102124AL\
 Data File : FE050739.D
 Signal(s) : FID1B.ch
 Acq On : 21 Oct 2024 14:06
 Operator : YP\AJ
 Sample : PB164285BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB164285BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/22/2024

Supervised By :Ankita Jodhani 10/22/2024

Integration File: autoint1.e

Quant Time: Oct 22 04:47:21 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M

Quant Title : GC Extractables

QLast Update : Mon Oct 07 16:32:18 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)	11.874	5938775	37.669 ug/ml
Spiked Amount 50.000		Recovery =	75.34%
12) S 1-chlorooctadecane (S...	13.307	4960077	41.930 ug/ml
Spiked Amount 50.000		Recovery =	83.86%
Target Compounds			
1) T n-Nonane (C9)	3.266	6401037	45.304 ug/ml
2) T n-Decane (C10)	4.514	6598206	45.988 ug/ml
3) T A~Naphthalene (C11.7)	6.222	7034589	49.196 ug/ml
4) T n-Dodecane (C12)	6.678	6663794	46.298 ug/ml
5) T A~2-methylnaphthalene...	7.318	6457669	48.744 ug/ml
6) T n-Tetradecane (C14)	8.507	6681146	46.699 ug/ml
7) T n-Hexadecane (C16)	10.111	6579119	44.704 ug/ml
8) T n-Octadecane (C18)	11.554	6614211	44.281 ug/ml
10) T n-Eicosane (C20)	12.862	6608334	46.083 ug/ml
11) T n-Heneicosane (C21)	13.473	6391458	45.512 ug/ml
13) T n-Docosane (C22)	14.059	6287104	44.813 ug/mlm
14) T n-Tetracosane (C24)	15.163	12718053	90.022 ug/ml
15) T n-Hexacosane (C26)	16.182	6280886	44.635 ug/ml
16) T n-Octacosane (C28)	17.130	7228244	49.397 ug/ml
17) T n-Tricontane (C30)	18.017	6581660	41.393 ug/ml
18) T n-Dotriacontane (C32)	18.851	6760713	41.703 ug/ml
19) T n-Tetratriacontane (C34)	19.633	7190170	48.949 ug/ml
20) T n-Hexatriacontane (C36)	20.373	7219590	56.931 ug/ml
21) T n-Octatriacontane (C38)	21.099	7027583	56.836 ug/ml
22) T n-Tetracontane (C40)	21.991	6583307	59.122 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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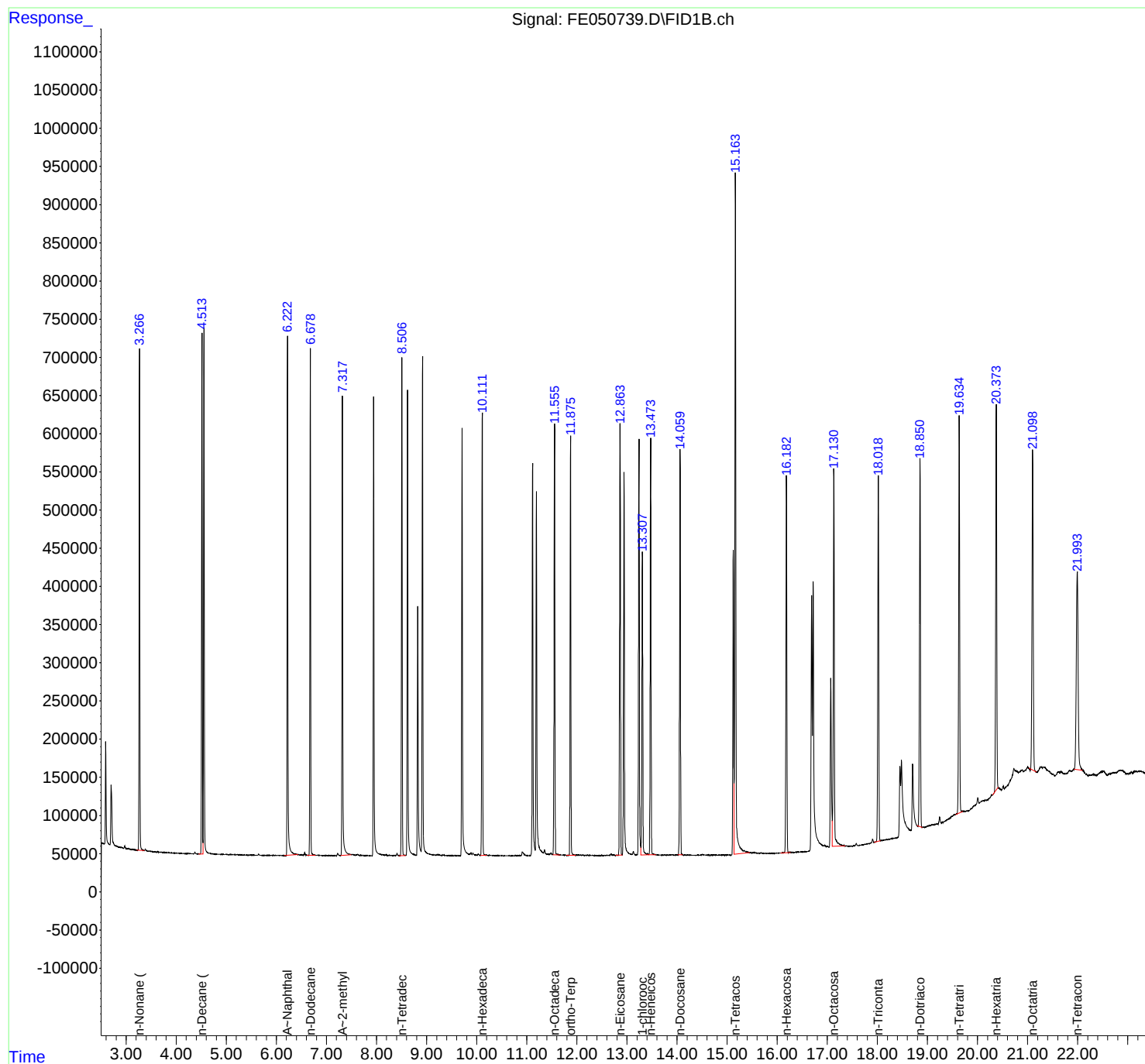
Response via : Initial Calibration

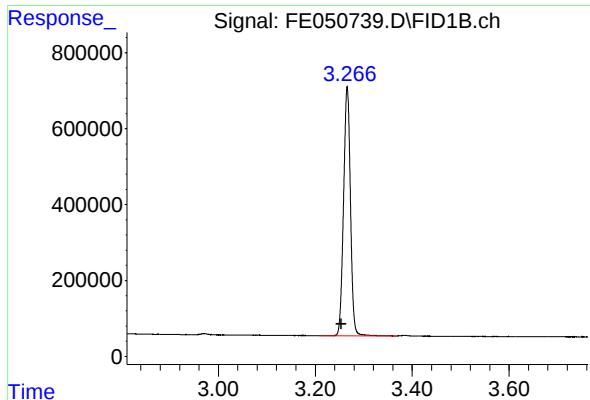
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.266 min
Delta R.T.: 0.012 min
Response: 6401037
Conc: 45.30 ug/ml

Instrument :

FID_E

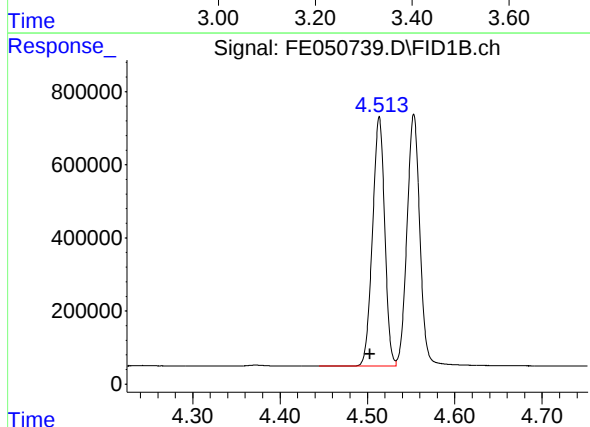
ClientSampleId :

PB164285BS

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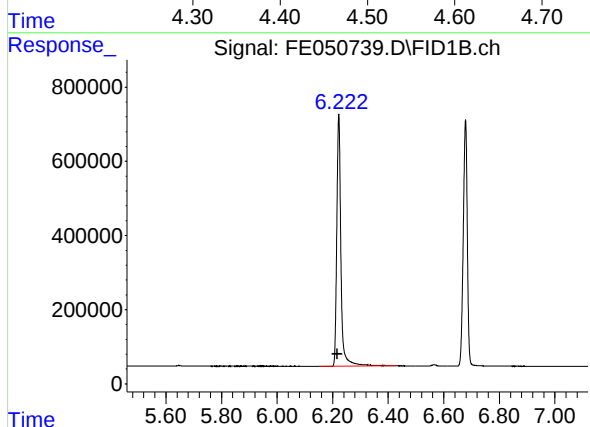
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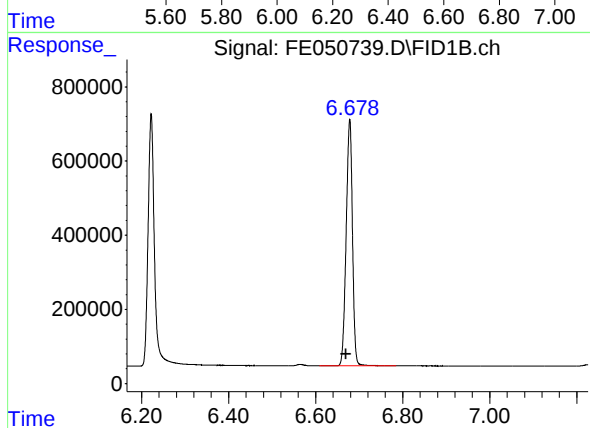
#2 n-Decane (C10)

R.T.: 4.514 min
Delta R.T.: 0.011 min
Response: 6598206
Conc: 45.99 ug/ml



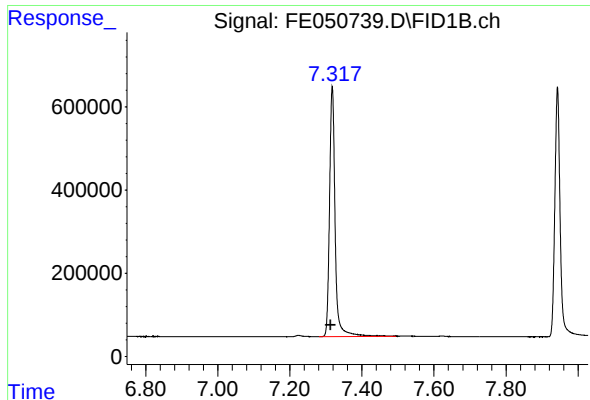
#3 A~Naphthalene (C11.7)

R.T.: 6.222 min
Delta R.T.: 0.005 min
Response: 7034589
Conc: 49.20 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.678 min
Delta R.T.: 0.008 min
Response: 6663794
Conc: 46.30 ug/ml



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

R.T.: 7.318 min
Delta R.T.: 0.005 min
Response: 6457669
Conc: 48.74 ug/ml

Instrument :

FID_E

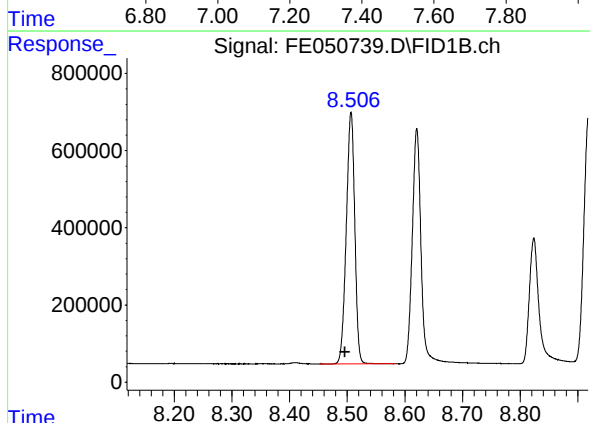
ClientSampleId :

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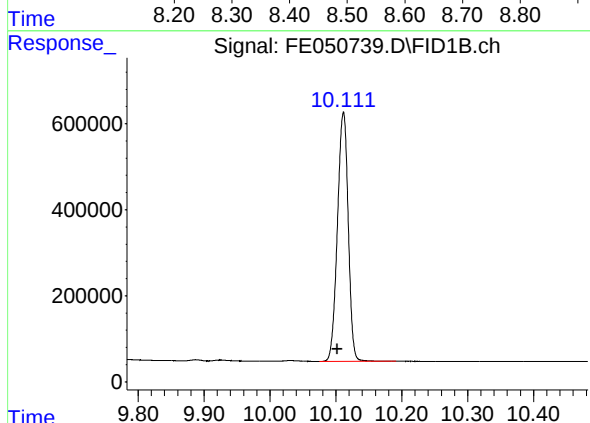
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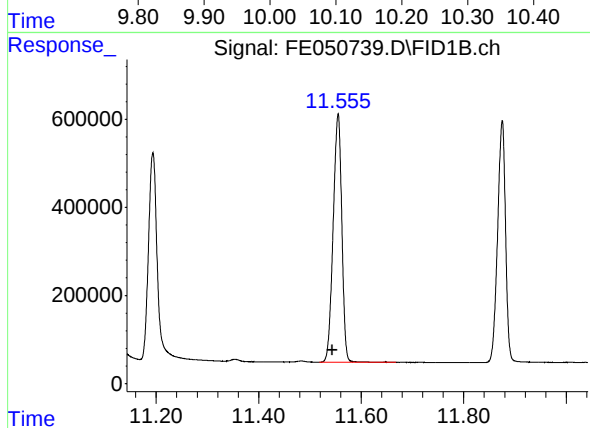
#6 n-Tetradecane (C14)

R.T.: 8.507 min
Delta R.T.: 0.010 min
Response: 6681146
Conc: 46.70 ug/ml



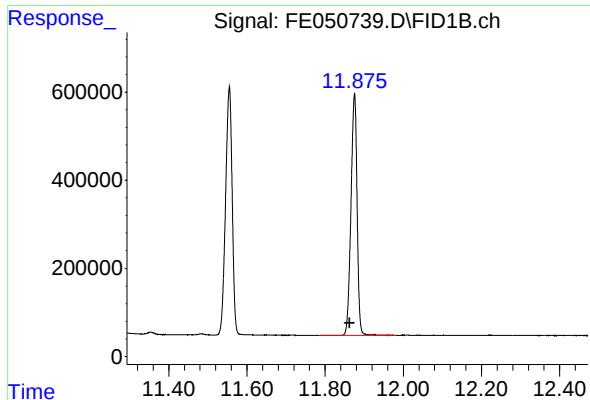
#7 n-Hexadecane (C16)

R.T.: 10.111 min
Delta R.T.: 0.009 min
Response: 6579119
Conc: 44.70 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.554 min
Delta R.T.: 0.010 min
Response: 6614211
Conc: 44.28 ug/ml



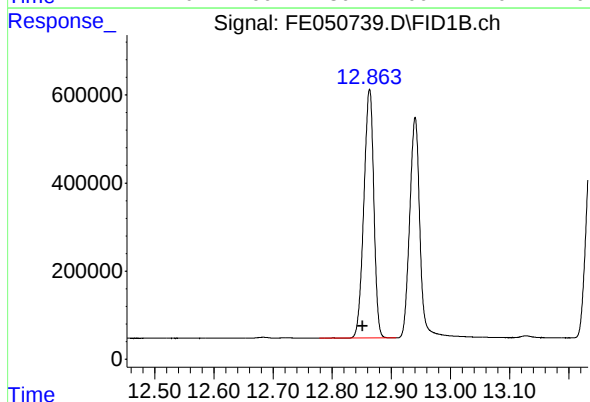
#9 ortho-Terphenyl (SURR)

R.T.: 11.874 min
Delta R.T.: 0.011 min
Response: 5938775
Conc: 37.67 ug/ml

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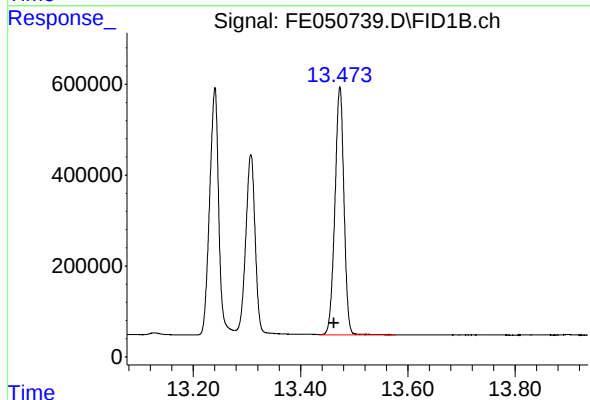
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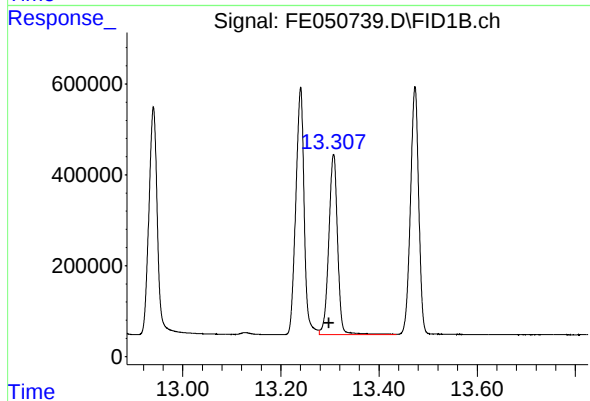
#10 n-Eicosane (C20)

R.T.: 12.862 min
Delta R.T.: 0.011 min
Response: 6608334
Conc: 46.08 ug/ml



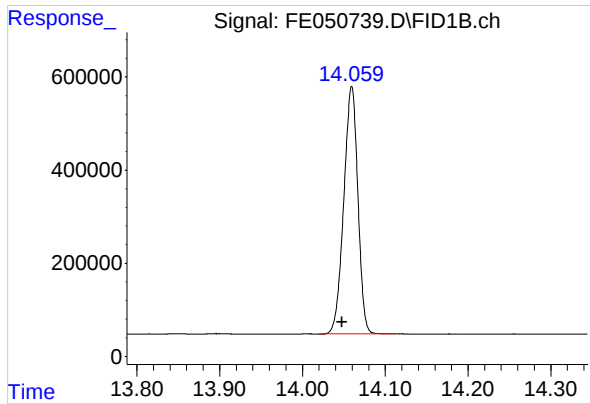
#11 n-Heneicosane (C21)

R.T.: 13.473 min
Delta R.T.: 0.010 min
Response: 6391458
Conc: 45.51 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.307 min
Delta R.T.: 0.009 min
Response: 4960077
Conc: 41.93 ug/ml



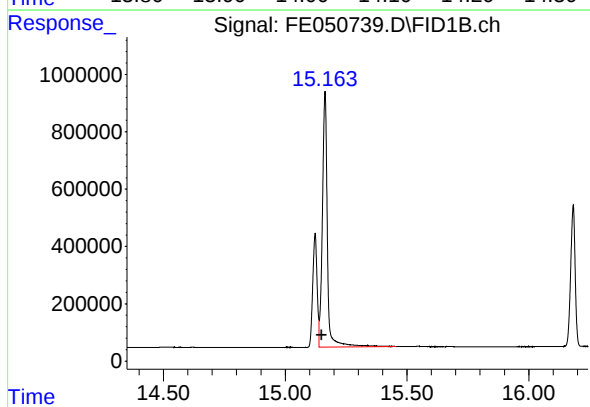
#13 n-Docosane (C22)

R.T.: 14.059 min
Delta R.T.: 0.011 min
Response: 6287104
Conc: 44.81 ug/ml

Instrument :
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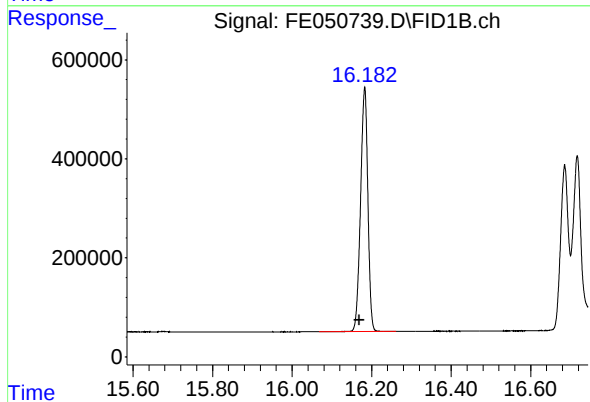
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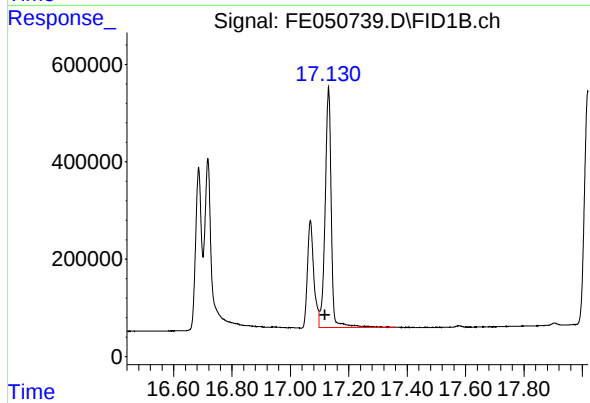
#14 n-Tetracosane (C24)

R.T.: 15.163 min
Delta R.T.: 0.013 min
Response: 12718053
Conc: 90.02 ug/ml



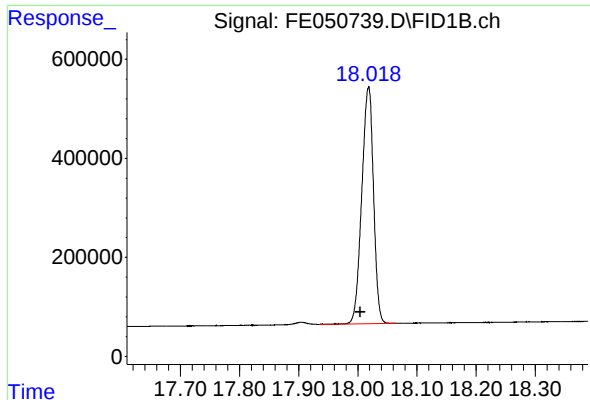
#15 n-Hexacosane (C26)

R.T.: 16.182 min
Delta R.T.: 0.013 min
Response: 6280886
Conc: 44.64 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.130 min
Delta R.T.: 0.013 min
Response: 7228244
Conc: 49.40 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.017 min
Delta R.T.: 0.013 min
Response: 6581660
Conc: 41.39 ug/ml

Instrument :

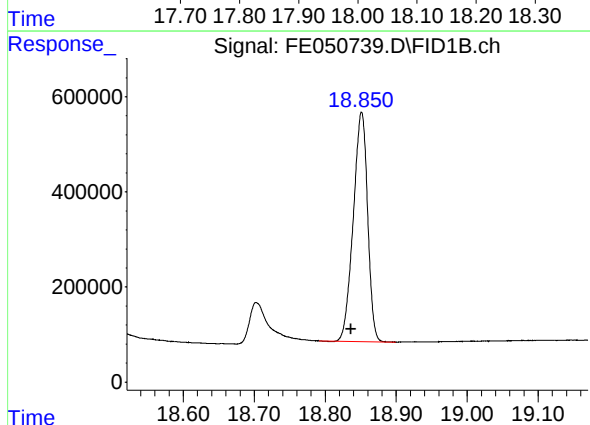
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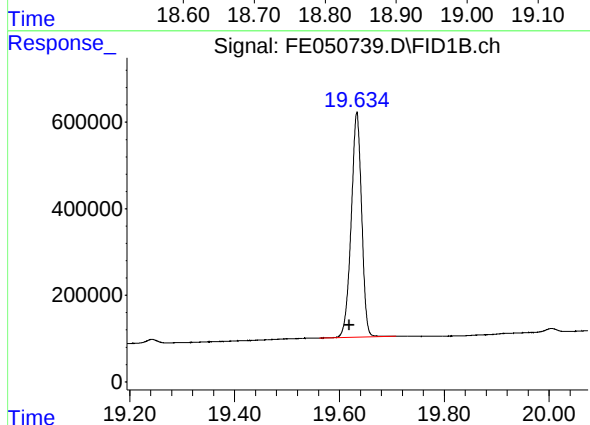
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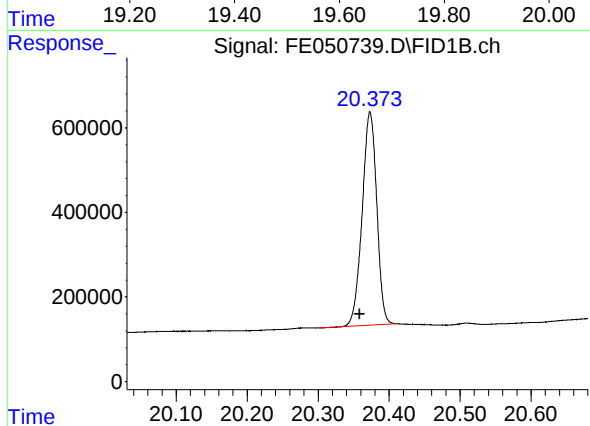
#18 n-Dotriacontane (C32)

R.T.: 18.851 min
Delta R.T.: 0.014 min
Response: 6760713
Conc: 41.70 ug/ml



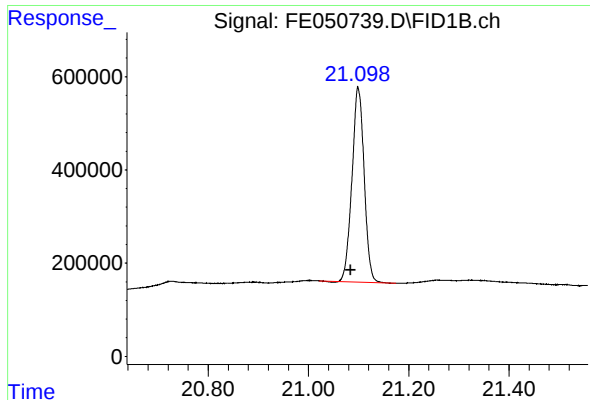
#19 n-Tetratriacontane (C34)

R.T.: 19.633 min
Delta R.T.: 0.014 min
Response: 7190170
Conc: 48.95 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.373 min
Delta R.T.: 0.015 min
Response: 7219590
Conc: 56.93 ug/ml



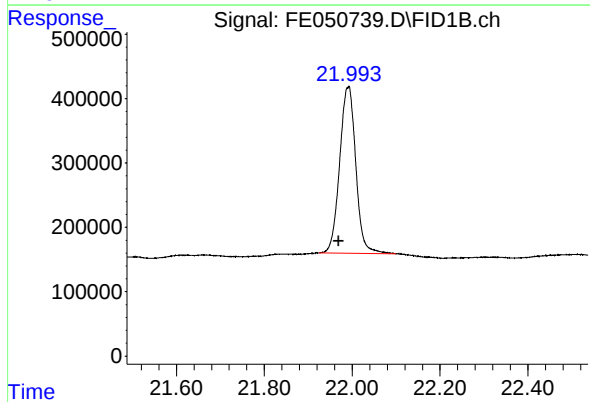
#21 n-Octatriacontane (C38)

R.T.: 21.099 min
Delta R.T.: 0.015 min
Response: 7027583
Conc: 56.84 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.991 min
Delta R.T.: 0.021 min
Response: 6583307
Conc: 59.12 ug/ml