

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090424AL\
 Data File : FE049917.D
 Signal(s) : FID1B.ch
 Acq On : 04 Sep 2024 14:38
 Operator : YP\AJ
 Sample : PB163145BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB163145BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 09/05/2024

Supervised By :Ankita Jodhani 09/05/2024

Integration File: autoint1.e

Quant Time: Sep 05 01:21:01 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M

Quant Title : GC Extractables

QLast Update : Wed Aug 14 11:05:17 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)	11.881	6294613	38.925 ug/ml
Spiked Amount 50.000		Recovery =	77.85%
12) S 1-chlorooctadecane (S...	13.314	5153811	42.242 ug/ml
Spiked Amount 50.000		Recovery =	84.48%
Target Compounds			
1) T n-Nonane (C9)	3.278	6526292	42.172 ug/ml
2) T n-Decane (C10)	4.525	6889844	43.637 ug/ml
3) T A~Naphthalene (C11.7)	6.228	7099249	44.245 ug/ml
4) T n-Dodecane (C12)	6.688	7107689	45.212 ug/ml
5) T A~2-methylnaphthalene...	7.324	6814425	45.504 ug/ml
6) T n-Tetradecane (C14)	8.516	7111312	46.064 ug/ml
7) T n-Hexadecane (C16)	10.121	6991872	44.768 ug/ml
8) T n-Octadecane (C18)	11.563	7056682	44.932 ug/ml
10) T n-Eicosane (C20)	12.871	7047843	47.204 ug/ml
11) T n-Heneicosane (C21)	13.481	6844174	46.655 ug/ml
13) T n-Docosane (C22)	14.067	6741304	46.252 ug/ml
14) T n-Tetracosane (C24)	15.165	12388578	85.165 ug/ml
15) T n-Hexacosane (C26)	16.189	6611550	45.810 ug/ml
16) T n-Octacosane (C28)	17.137	7223178	50.147 ug/ml
17) T n-Tricontane (C30)	18.024	6813159	45.511 ug/ml
18) T n-Dotriacontane (C32)	18.855	7038200	46.524 ug/mlm
19) T n-Tetratriacontane (C34)	19.638	7241412	47.367 ug/ml
20) T n-Hexatriacontane (C36)	20.378	7295242	48.042 ug/ml
21) T n-Octatriacontane (C38)	21.104	7751249	49.386 ug/ml
22) T n-Tetracontane (C40)	21.998	7828197	51.272 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Data File : FE049917.D
Signal(s) : FID1B.ch
Acq On : 04 Sep 2024 14:38
Operator : YP\AJ
Sample : PB163145BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

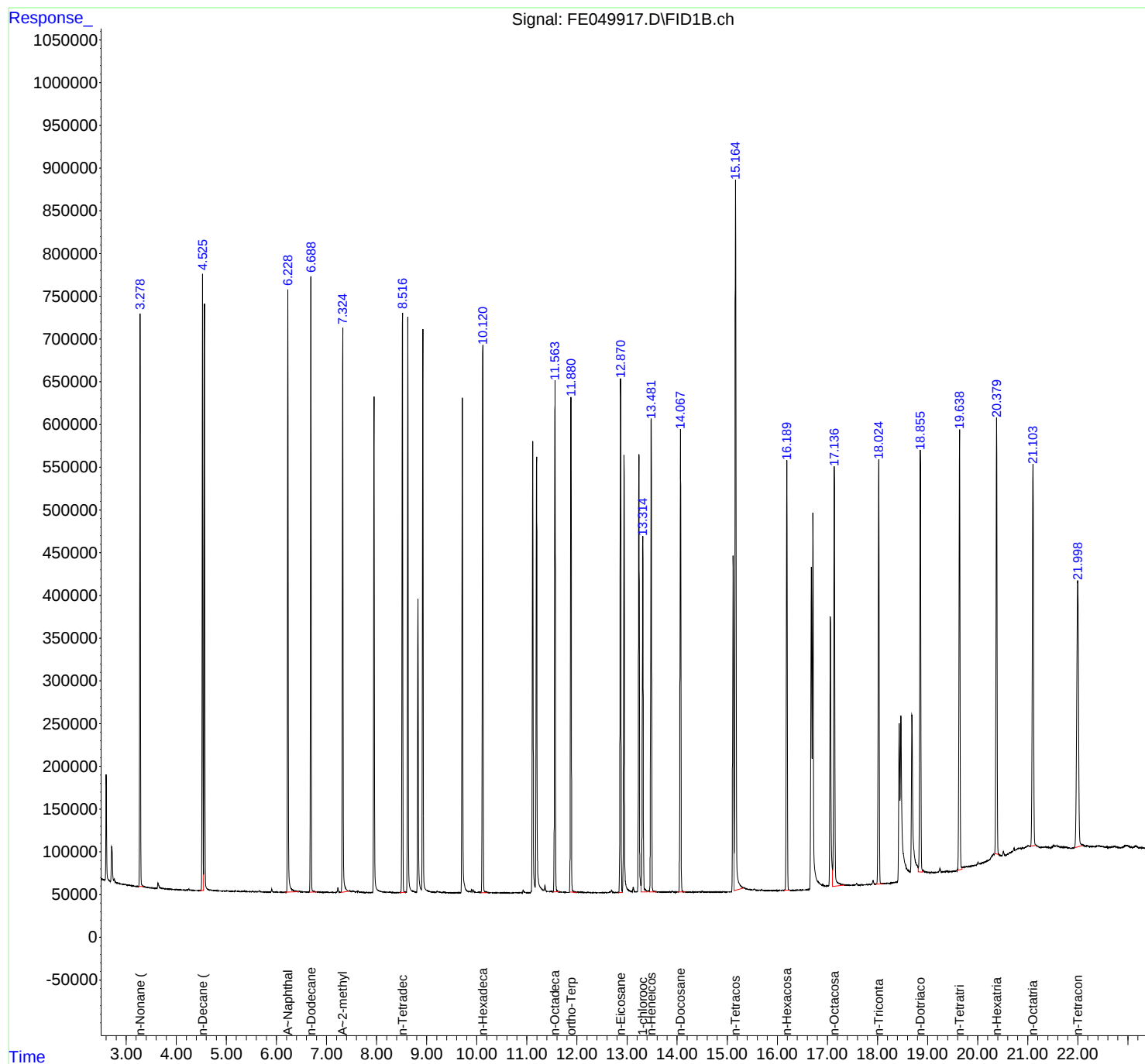
Instrument :
FID_E
ClientSampleId :
PB163145BSD

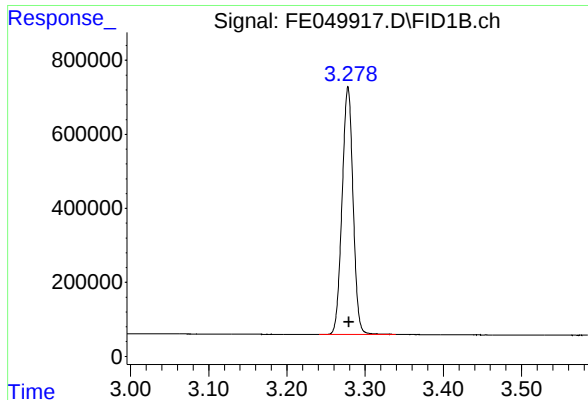
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Quant Title : GC Extractables
QLast Update : Wed Aug 14 11:05:17 2024
Response via : Initial Calibration
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





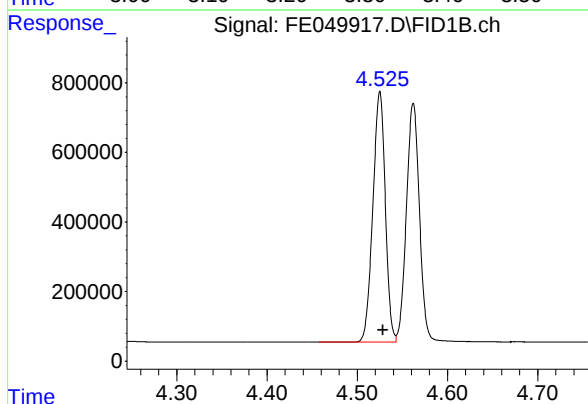
#1 n-Nonane (C9)

R.T.: 3.278 min
Delta R.T.: 0.000 min
Response: 6526292
Conc: 42.17 ug/ml

Instrument :
FID_E
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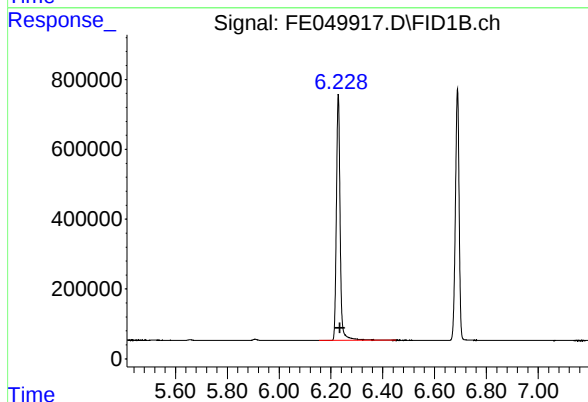
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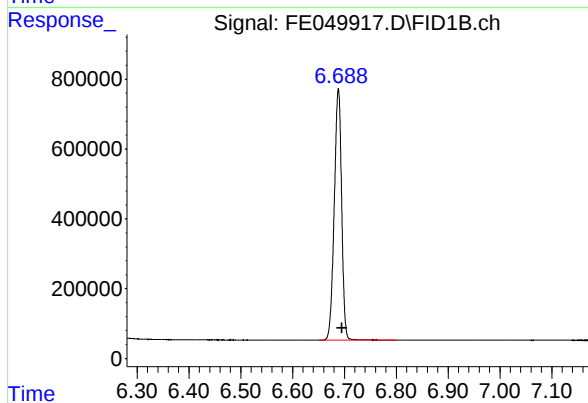
#2 n-Decane (C10)

R.T.: 4.525 min
Delta R.T.: -0.004 min
Response: 6889844
Conc: 43.64 ug/ml



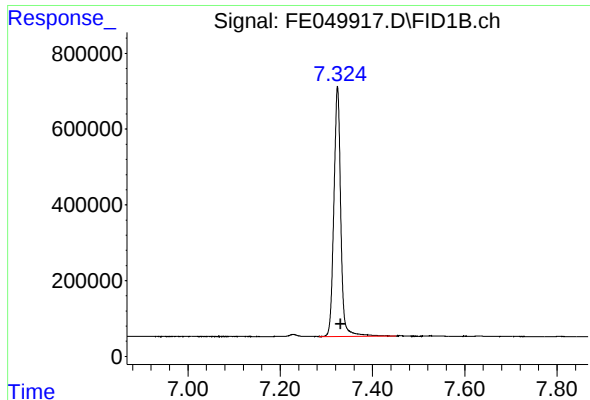
#3 A~Naphthalene (C11.7)

R.T.: 6.228 min
Delta R.T.: -0.007 min
Response: 7099249
Conc: 44.24 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.688 min
Delta R.T.: -0.008 min
Response: 7107689
Conc: 45.21 ug/ml



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

R.T.: 7.324 min
Delta R.T.: -0.007 min
Response: 6814425
Conc: 45.50 ug/ml

Instrument :

FID_E

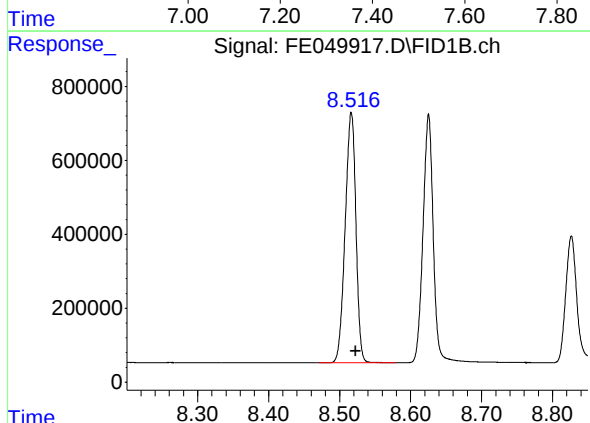
ClientSampleId :

PB163145BSD

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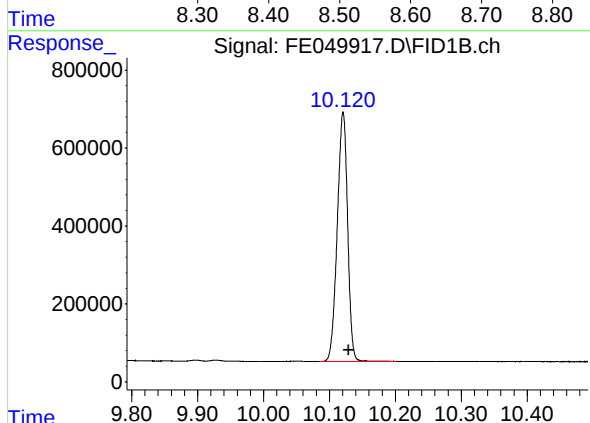
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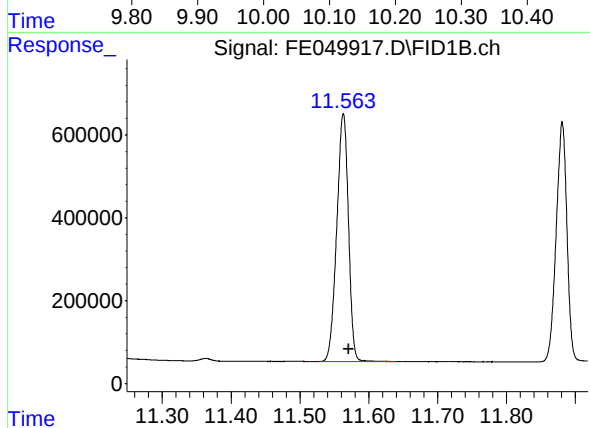
#6 n-Tetradecane (C14)

R.T.: 8.516 min
Delta R.T.: -0.006 min
Response: 7111312
Conc: 46.06 ug/ml



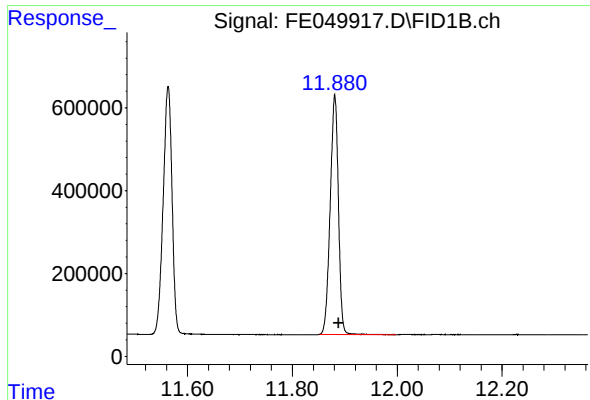
#7 n-Hexadecane (C16)

R.T.: 10.121 min
Delta R.T.: -0.008 min
Response: 6991872
Conc: 44.77 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.563 min
Delta R.T.: -0.008 min
Response: 7056682
Conc: 44.93 ug/ml



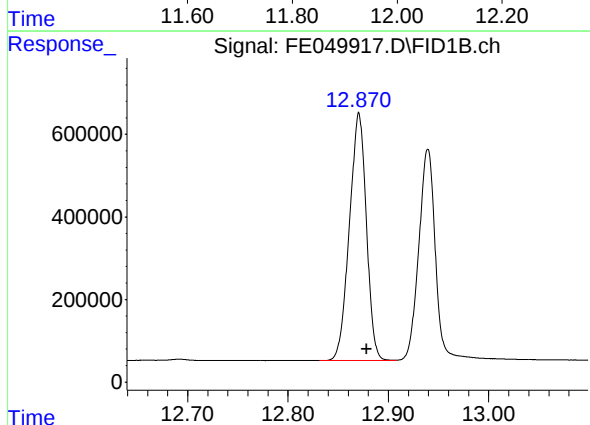
#9 ortho-Terphenyl (SURR)

R.T.: 11.881 min
Delta R.T.: -0.008 min
Response: 6294613
Conc: 38.93 ug/ml

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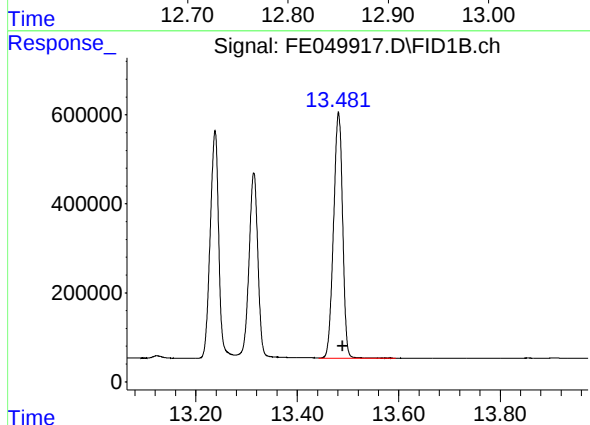
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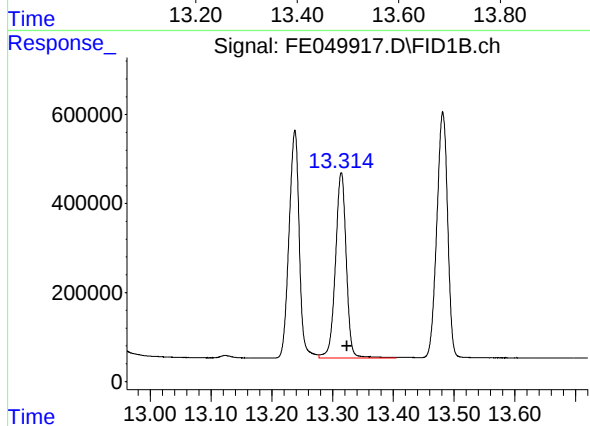
#10 n-Eicosane (C20)

R.T.: 12.871 min
Delta R.T.: -0.008 min
Response: 7047843
Conc: 47.20 ug/ml



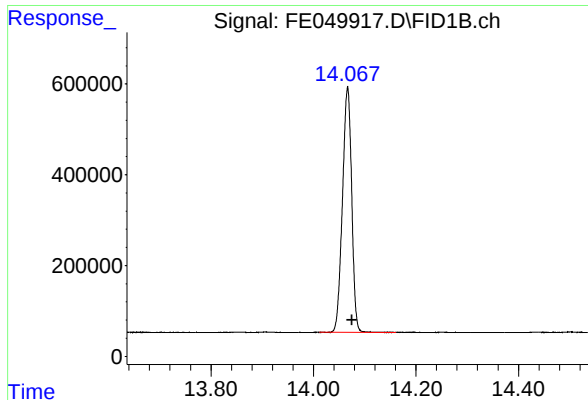
#11 n-Heneicosane (C21)

R.T.: 13.481 min
Delta R.T.: -0.009 min
Response: 6844174
Conc: 46.66 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.314 min
Delta R.T.: -0.009 min
Response: 5153811
Conc: 42.24 ug/ml



#13 n-Docosane (C22)

R.T.: 14.067 min
Delta R.T.: -0.009 min
Response: 6741304
Conc: 46.25 ug/ml

Instrument :

FID_E

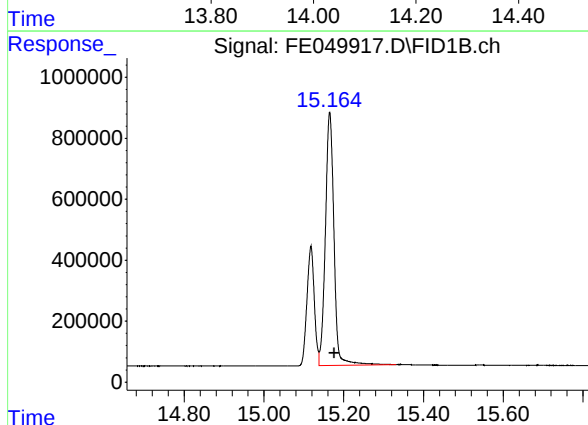
ClientSampleId :

PB163145BSD

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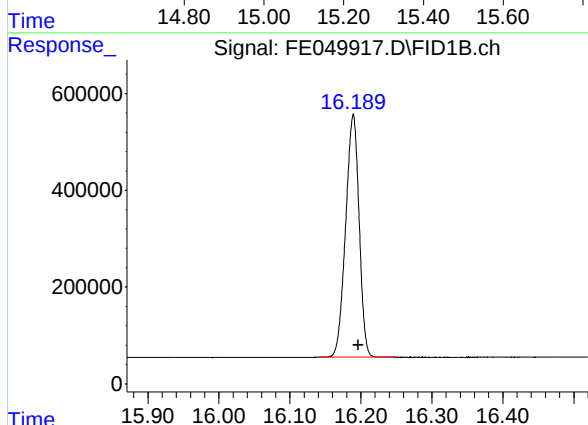
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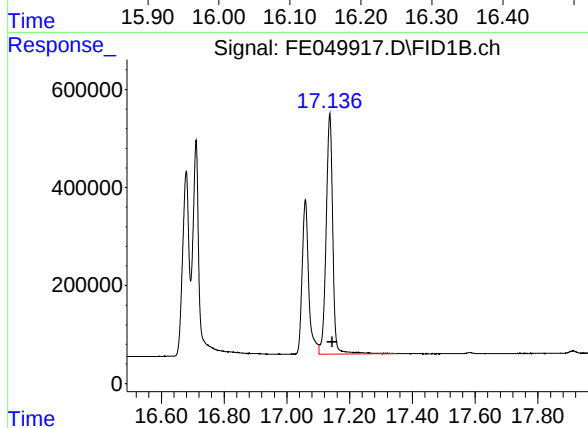
#14 n-Tetracosane (C24)

R.T.: 15.165 min
Delta R.T.: -0.012 min
Response: 12388578
Conc: 85.16 ug/ml



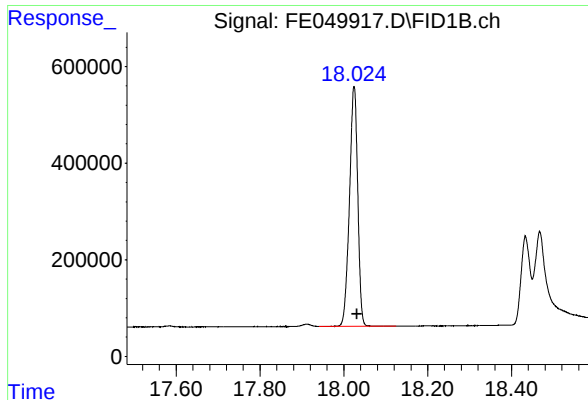
#15 n-Hexacosane (C26)

R.T.: 16.189 min
Delta R.T.: -0.007 min
Response: 6611550
Conc: 45.81 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.137 min
Delta R.T.: -0.008 min
Response: 7223178
Conc: 50.15 ug/ml



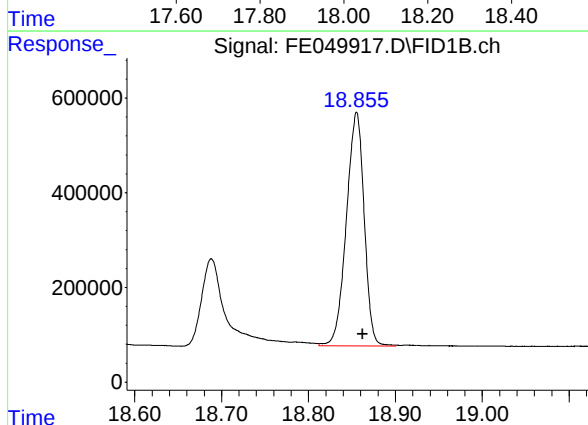
#17 n-Tricontane (C30)

R.T.: 18.024 min
Delta R.T.: -0.007 min
Response: 6813159
Conc: 45.51 ug/ml

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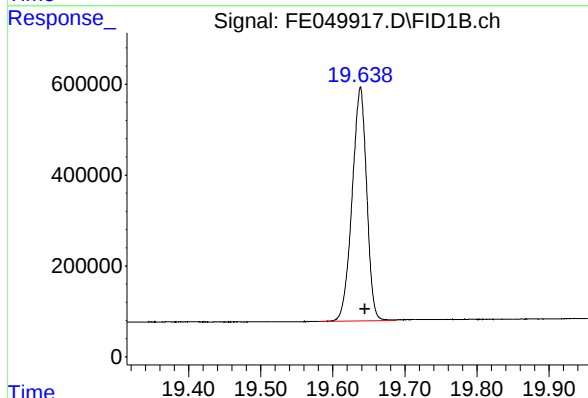
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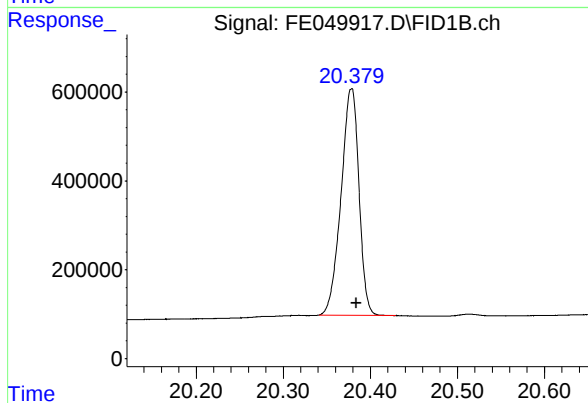
#18 n-Dotriacontane (C32)

R.T.: 18.855 min
Delta R.T.: -0.007 min
Response: 7038200
Conc: 46.52 ug/ml



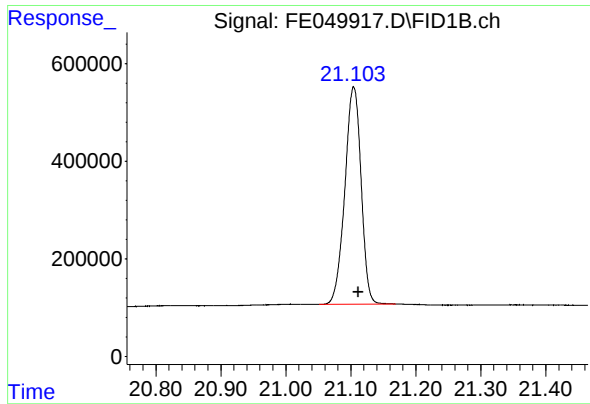
#19 n-Tetratriacontane (C34)

R.T.: 19.638 min
Delta R.T.: -0.006 min
Response: 7241412
Conc: 47.37 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.378 min
Delta R.T.: -0.006 min
Response: 7295242
Conc: 48.04 ug/ml



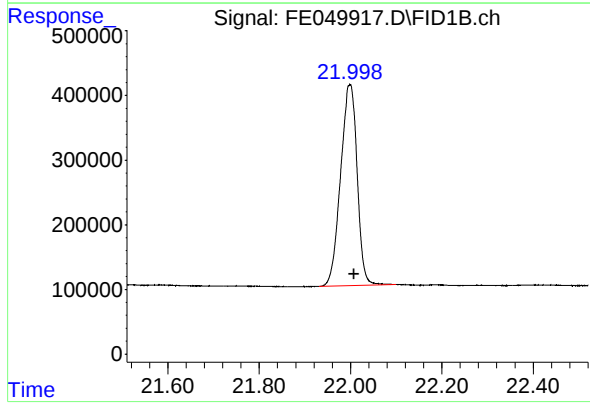
#21 n-Octatriacontane (C38)

R.T.: 21.104 min
Delta R.T.: -0.007 min
Response: 7751249
Conc: 49.39 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.998 min
Delta R.T.: -0.009 min
Response: 7828197
Conc: 51.27 ug/ml