

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061623AL\
 Data File : FE042663.D
 Signal(s) : FID1B.ch
 Acq On : 16 Jun 2023 17:13
 Operator : YP\AJ
 Sample : PB153493BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB153493BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 06/19/2023

Supervised By :Ankita Jodhani 06/19/2023

Integration File: autoint1.e

Quant Time: Jun 17 01:07:39 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M

Quant Title : GC Extractables

QLast Update : Thu May 18 06:27:12 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)	11.938	10212820	57.837 ug/ml
Spiked Amount 50.000		Recovery =	115.67%
12) S 1-chlorooctadecane (S...	13.373	7906654	59.503 ug/ml
Spiked Amount 50.000		Recovery =	119.01%
Target Compounds			
1) T n-Nonane (C9)	3.326	6428844	44.584 ug/ml
2) T n-Decane (C10)	4.573	6923082	46.766 ug/ml
3) T A~Naphthalene (C11.7)	6.276	7881791	48.307 ug/ml
4) T n-Dodecane (C12)	6.737	7595107	50.649 ug/ml
5) T A~2-methylnaphthalene...	7.373	7936511	50.009 ug/ml
6) T n-Tetradecane (C14)	8.568	8400001	56.072 ug/ml
7) T n-Hexadecane (C16)	10.174	9200240	59.063 ug/ml
8) T n-Octadecane (C18)	11.619	9461124	59.830 ug/ml
10) T n-Eicosane (C20)	12.929	9647124	63.643 ug/ml
11) T n-Heneicosane (C21)	13.540	9356838	63.156 ug/ml
13) T n-Docosane (C22)	14.126	9345601	63.750 ug/ml
14) T n-Tetracosane (C24)	15.224	18611416	128.927 ug/ml
15) T n-Hexacosane (C26)	16.253	9313279	67.245 ug/ml
16) T n-Octacosane (C28)	17.202	9114637	68.079 ug/ml
17) T n-Tricontane (C30)	18.091	8994321	66.629 ug/ml
18) T n-Dotriacontane (C32)	18.920	8562927	64.098 ug/ml
19) T n-Tetratriacontane (C34)	19.705	8291891	63.051 ug/ml
20) T n-Hexatriacontane (C36)	20.445	7634746	58.741 ug/ml
21) T n-Octatriacontane (C38)	21.190	7344126	54.131 ug/ml
22) T n-Tetracontane (C40)	22.118	7112260	51.124 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 12 Sample Multiplier: 1

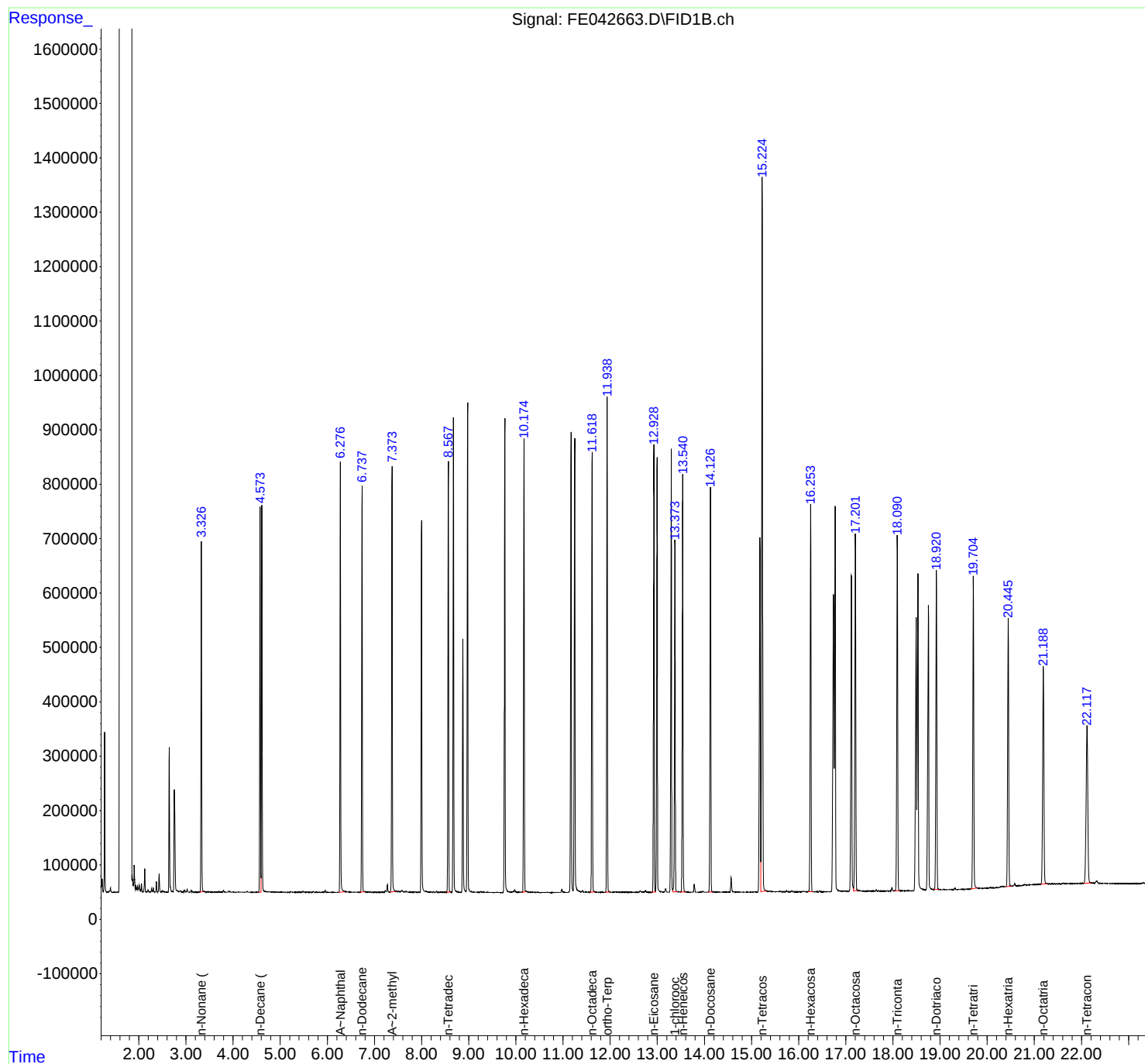
Instrument :
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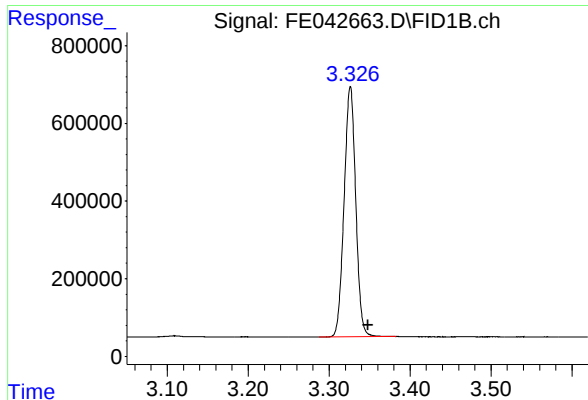
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.326 min
Delta R.T.: -0.022 min
Response: 642884
Conc: 44.58 ug/ml

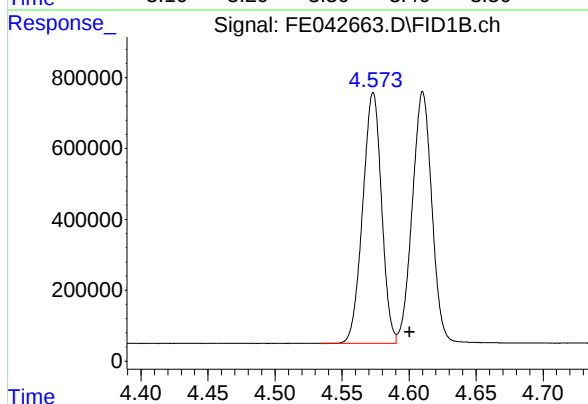
Instrument :

FID_E

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PB153493BS

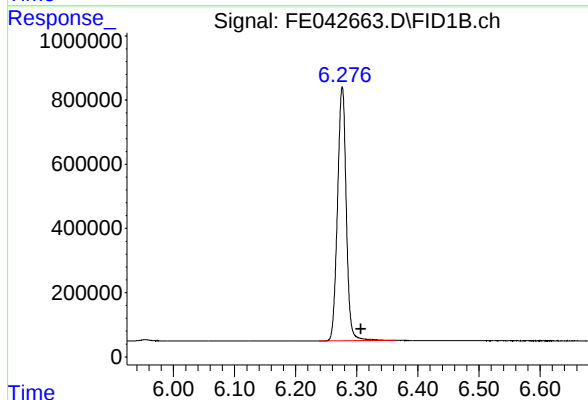
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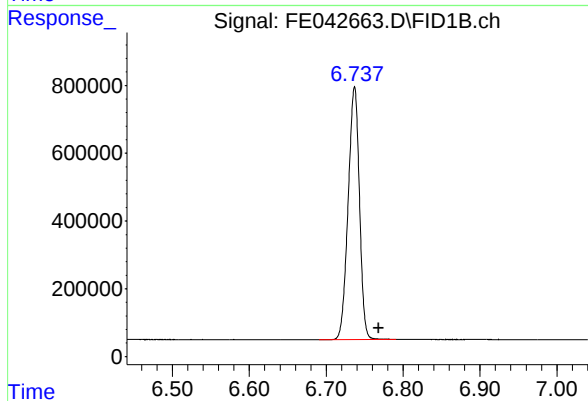
#2 n-Decane (C10)

R.T.: 4.573 min
Delta R.T.: -0.027 min
Response: 6923082
Conc: 46.77 ug/ml



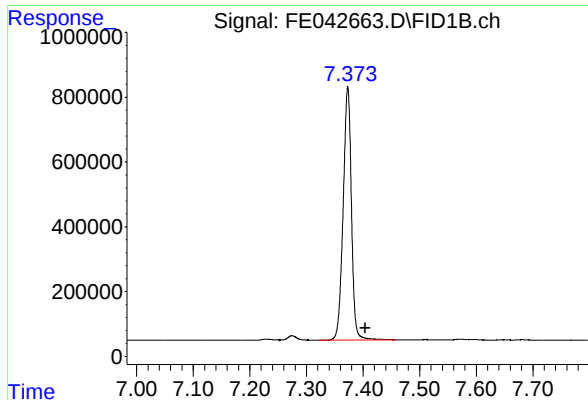
#3 A~Naphthalene (C11.7)

R.T.: 6.276 min
Delta R.T.: -0.030 min
Response: 7881791
Conc: 48.31 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.737 min
Delta R.T.: -0.031 min
Response: 7595107
Conc: 50.65 ug/ml



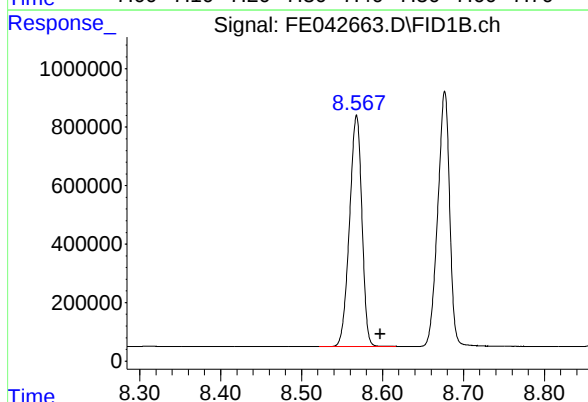
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.373 min
Delta R.T.: -0.031 min
Response: 7936511
Conc: 50.01 ug/ml

Instrument :
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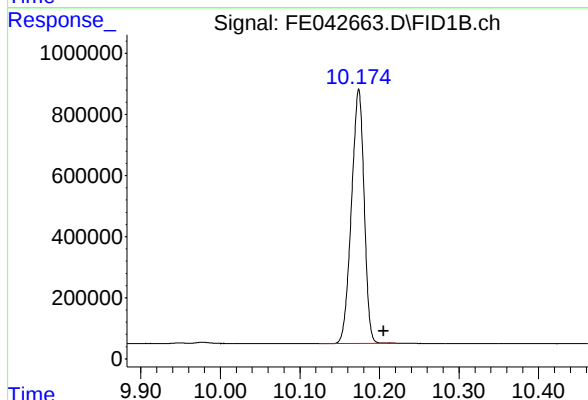
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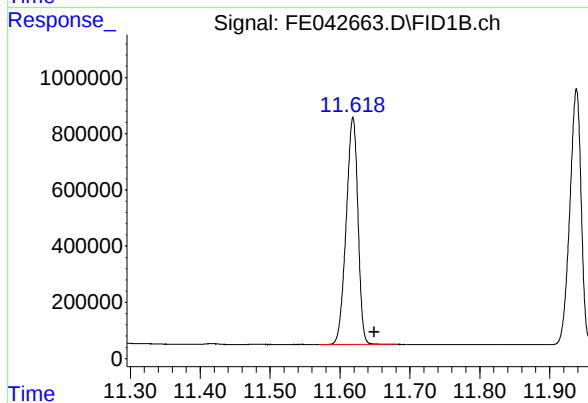
#6 n-Tetradecane (C14)

R.T.: 8.568 min
Delta R.T.: -0.029 min
Response: 8400001
Conc: 56.07 ug/ml



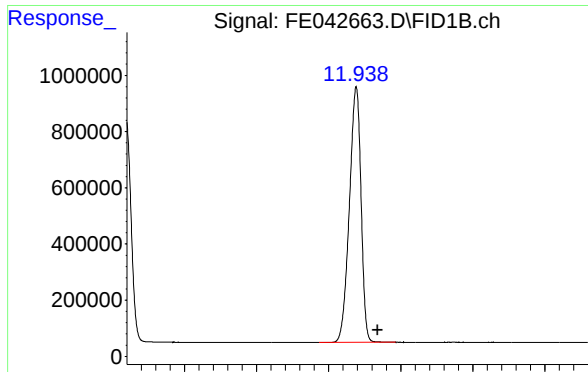
#7 n-Hexadecane (C16)

R.T.: 10.174 min
Delta R.T.: -0.031 min
Response: 9200240
Conc: 59.06 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.619 min
Delta R.T.: -0.031 min
Response: 9461124
Conc: 59.83 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.938 min
Delta R.T.: -0.030 min
Response: 10212820
Conc: 57.84 ug/ml

Instrument :

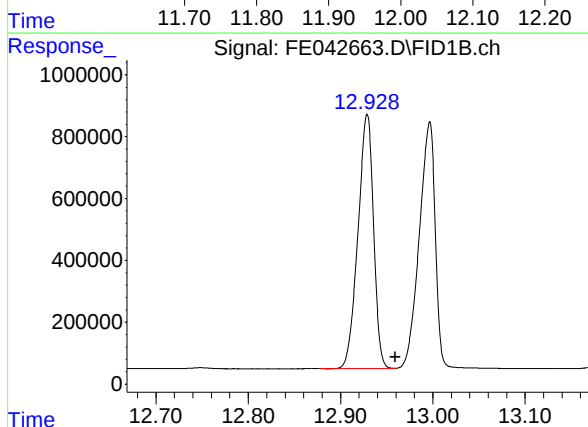
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ClientSampleId :

PB153493BS

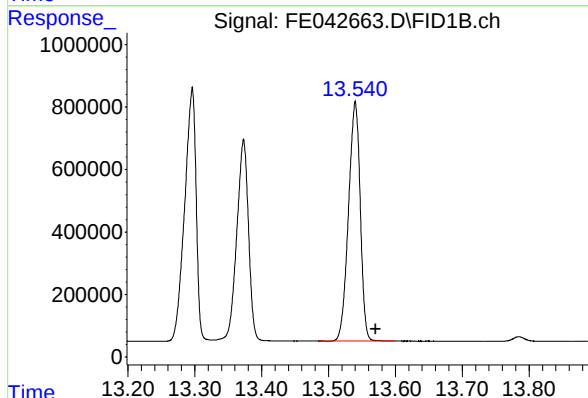
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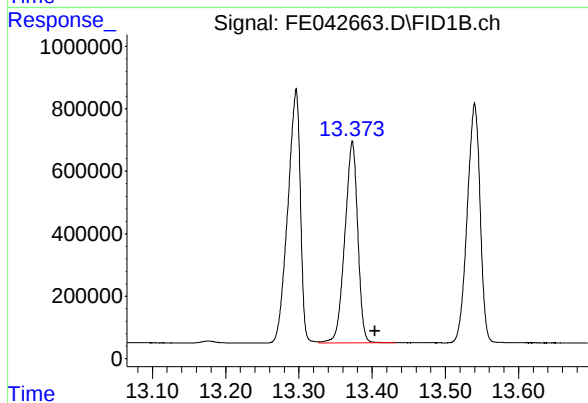
#10 n-Eicosane (C20)

R.T.: 12.929 min
Delta R.T.: -0.030 min
Response: 9647124
Conc: 63.64 ug/ml



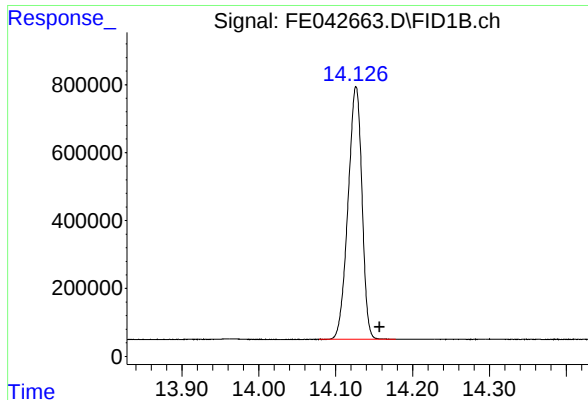
#11 n-Heneicosane (C21)

R.T.: 13.540 min
Delta R.T.: -0.031 min
Response: 9356838
Conc: 63.16 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.373 min
Delta R.T.: -0.031 min
Response: 7906654
Conc: 59.50 ug/ml



#13 n-Docosane (C22)

R.T.: 14.126 min
Delta R.T.: -0.031 min
Response: 9345601
Conc: 63.75 ug/ml

Instrument :

FID_E

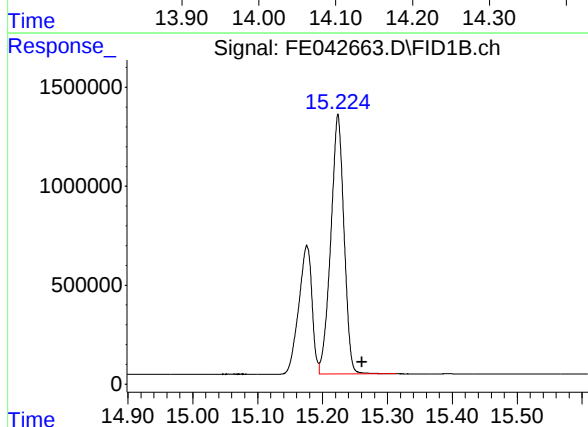
ClientSampleId :

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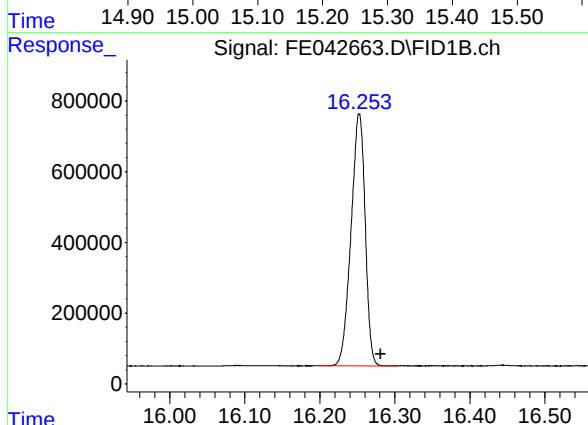
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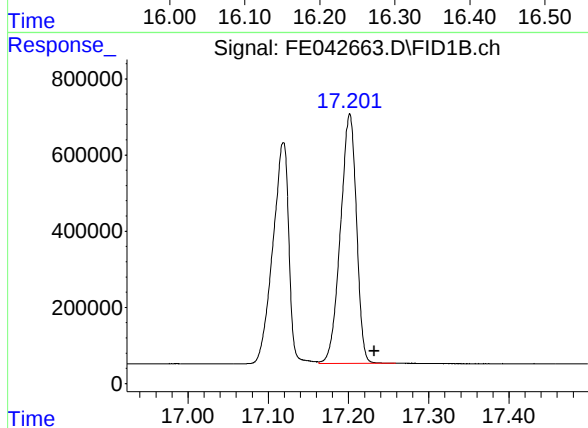
#14 n-Tetracosane (C24)

R.T.: 15.224 min
Delta R.T.: -0.037 min
Response: 18611416
Conc: 128.93 ug/ml



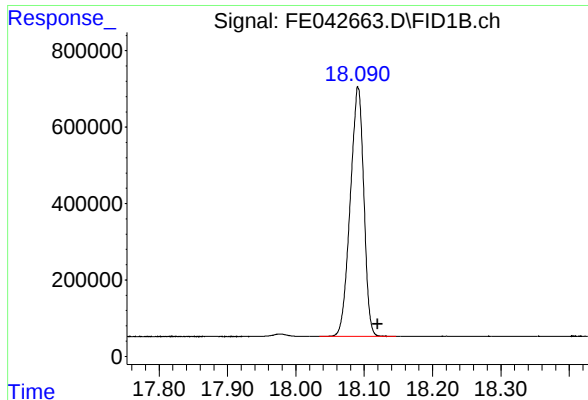
#15 n-Hexacosane (C26)

R.T.: 16.253 min
Delta R.T.: -0.029 min
Response: 9313279
Conc: 67.24 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.202 min
Delta R.T.: -0.031 min
Response: 9114637
Conc: 68.08 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.091 min
Delta R.T.: -0.029 min
Response: 8994321
Conc: 66.63 ug/ml

Instrument :

FID_E

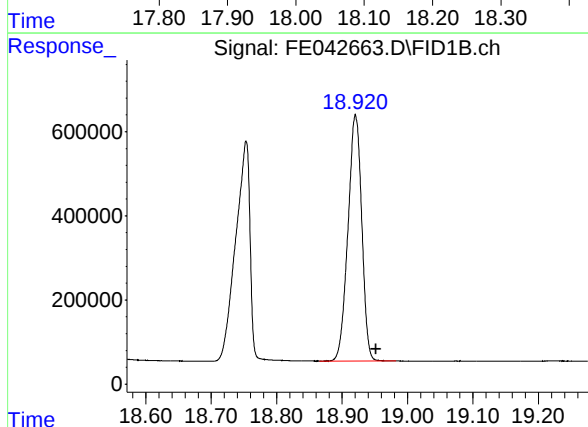
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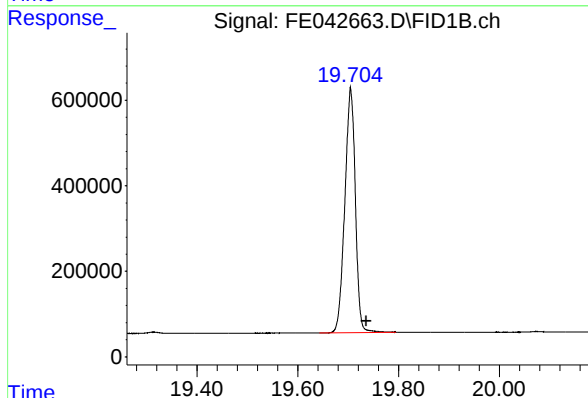
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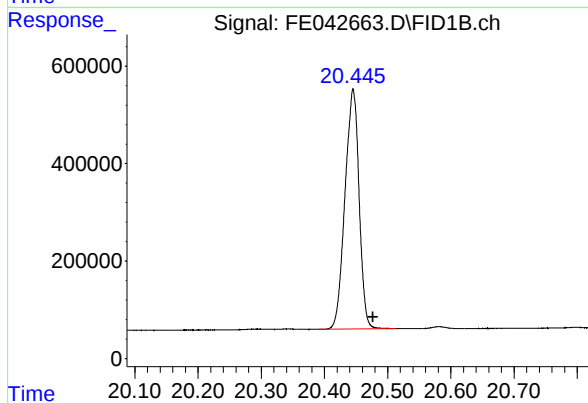
#18 n-Dotriacontane (C32)

R.T.: 18.920 min
Delta R.T.: -0.031 min
Response: 8562927
Conc: 64.10 ug/ml



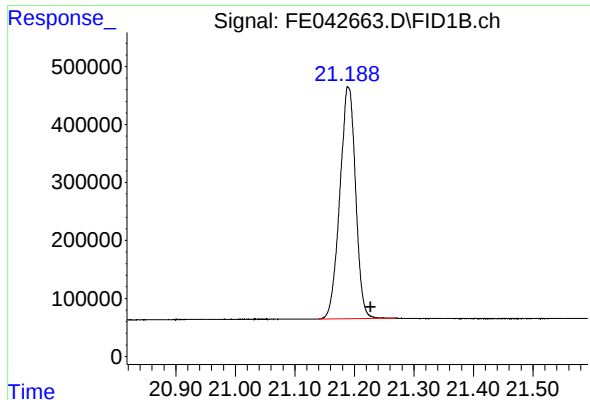
#19 n-Tetratriacontane (C34)

R.T.: 19.705 min
Delta R.T.: -0.032 min
Response: 8291891
Conc: 63.05 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.445 min
Delta R.T.: -0.031 min
Response: 7634746
Conc: 58.74 ug/ml



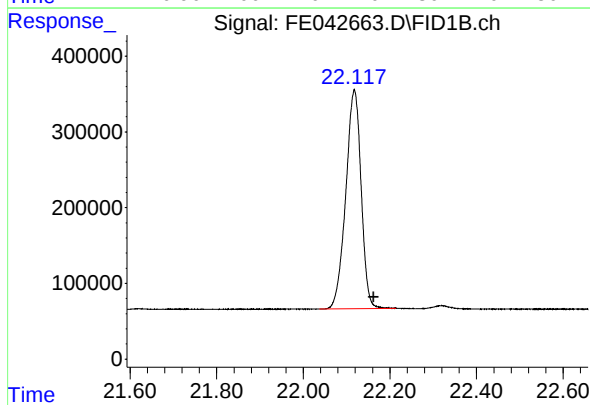
#21 n-Octatriacontane (C38)

R.T.: 21.190 min
Delta R.T.: -0.038 min
Response: 7344126
Conc: 54.13 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.118 min
Delta R.T.: -0.045 min
Response: 7112260
Conc: 51.12 ug/ml