

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062824AL\
 Data File : FE048918.D
 Signal(s) : FID1B.ch
 Acq On : 28 Jun 2024 16:19
 Operator : YP\AJ
 Sample : PB161823BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB161823BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 07/01/2024

Supervised By :Ankita Jodhani 07/01/2024

Integration File: autoint1.e

Quant Time: Jun 29 02:47:09 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M

Quant Title : GC Extractables

QLast Update : Thu Jun 20 17:53:58 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)	11.936	6934560	41.472 ug/ml
Spiked Amount 50.000		Recovery =	82.94%
12) S 1-chlorooctadecane (S...	13.370	5966491	46.399 ug/ml
Spiked Amount 50.000		Recovery =	92.80%
Target Compounds			
1) T n-Nonane (C9)	3.334	6172914	41.059 ug/ml
2) T n-Decane (C10)	4.577	6486084	42.147 ug/ml
3) T A~Naphthalene (C11.7)	6.279	7196114	45.329 ug/ml
4) T n-Dodecane (C12)	6.737	6402991	41.477 ug/ml
5) T A~2-methylnaphthalene...	7.375	7231070	47.750 ug/ml
6) T n-Tetradecane (C14)	8.567	6867683	44.809 ug/ml
7) T n-Hexadecane (C16)	10.172	7373061	47.155 ug/ml
8) T n-Octadecane (C18)	11.616	7572841	47.483 ug/ml
10) T n-Eicosane (C20)	12.925	7604982	49.053 ug/ml
11) T n-Heneicosane (C21)	13.537	7332542	48.156 ug/ml
13) T n-Docosane (C22)	14.123	7242833	47.892 ug/ml
14) T n-Tetracosane (C24)	15.221	13304682	88.533 ug/ml
15) T n-Hexacosane (C26)	16.247	7028338	47.607 ug/ml
16) T n-Octacosane (C28)	17.195	7120264	49.372 ug/ml
17) T n-Tricontane (C30)	18.083	6964881	47.607 ug/ml
18) T n-Dotriacontane (C32)	18.914	7078526	49.507 ug/ml
19) T n-Tetratriacontane (C34)	19.696	7007745	50.644 ug/ml
20) T n-Hexatriacontane (C36)	20.437	7034274	54.124 ug/ml
21) T n-Octatriacontane (C38)	21.174	7568476	59.039 ug/ml
22) T n-Tetracontane (C40)	22.088	7644220	62.422 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062824AL\
Data File : FE048918.D
Signal(s) : FID1B.ch
Acq On : 28 Jun 2024 16:19
Operator : YP\AJ
Sample : PB161823BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

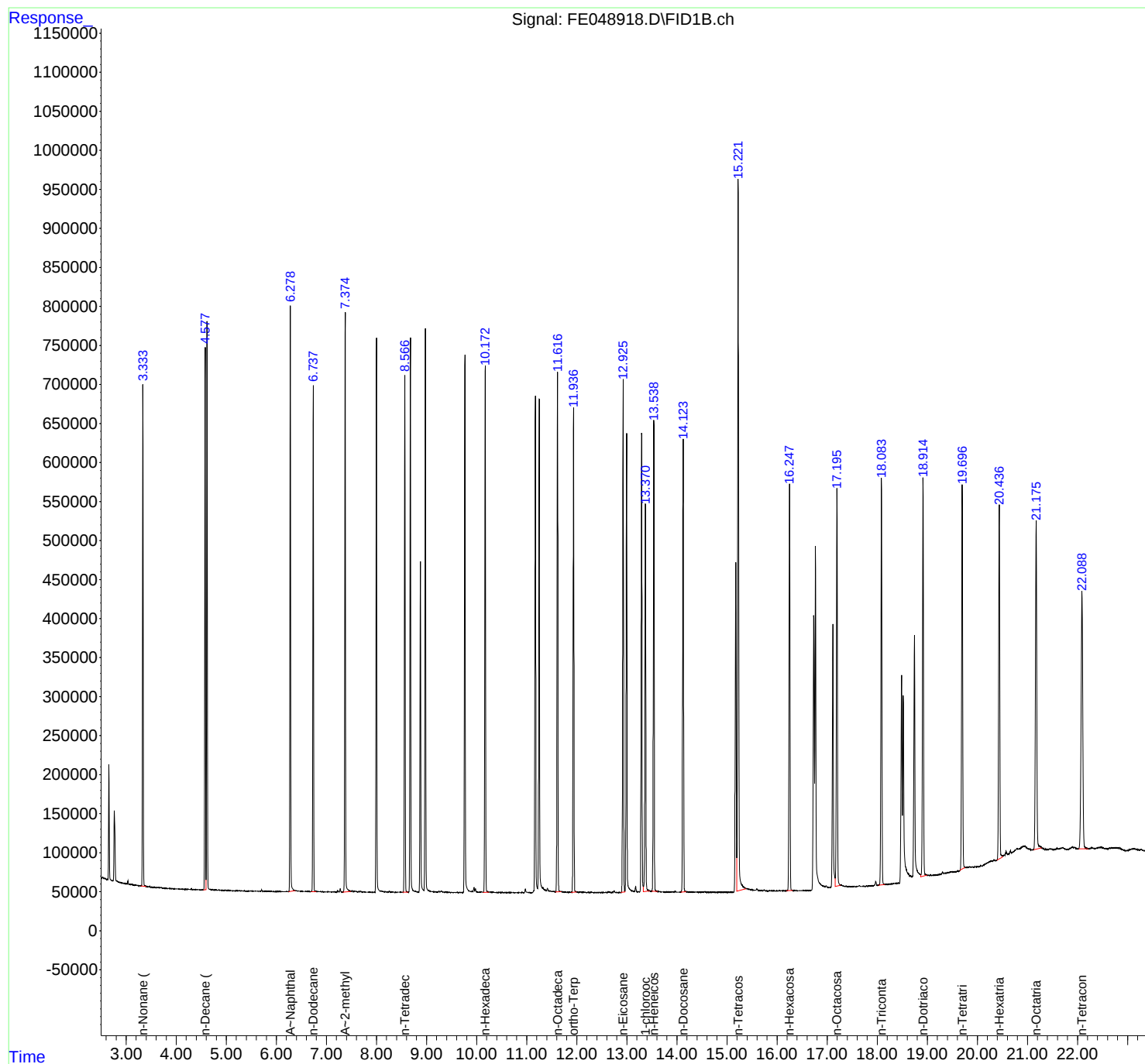
Instrument :
FID_E
ClientSampleId :
PB161823BS

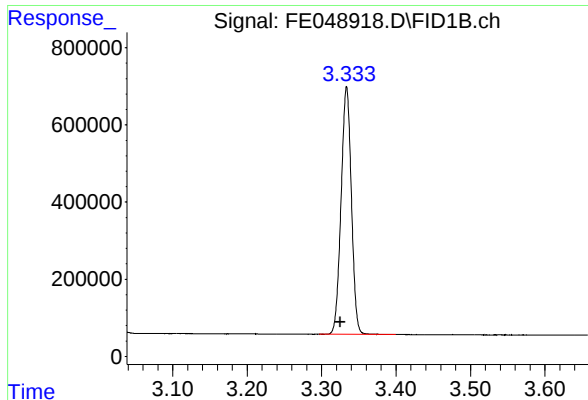
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Integration File: autoint1.e
Quant Time: Jun 29 02:47:09 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.
Quant Title : GC Extractables
QLast Update : Thu Jun 20 17:53:58 2024
Response via : Initial Calibration
Integrator: ChemStation

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





#1 n-Nonane (C9)

R.T.: 3.334 min
Delta R.T.: 0.009 min
Response: 6172914
Conc: 41.06 ug/ml

Instrument :

FID_E

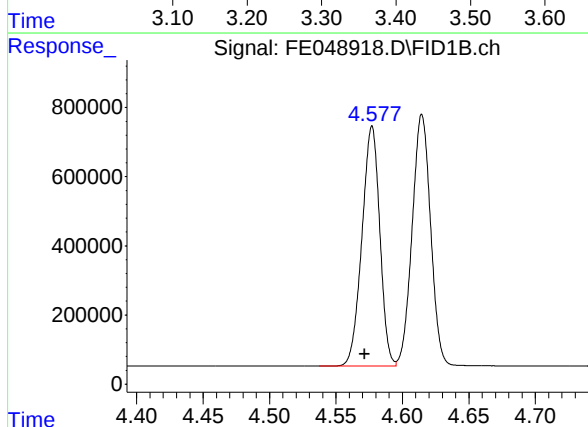
ClientSampleId :

PB161823BS

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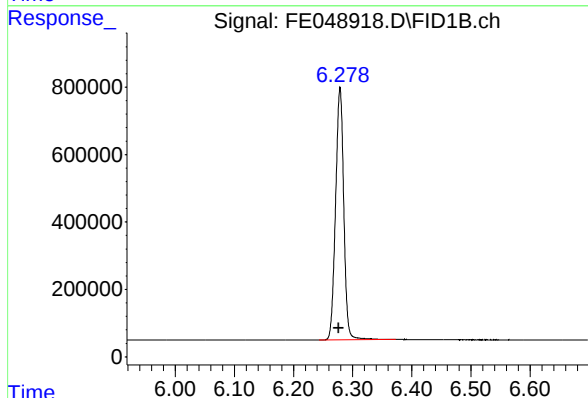
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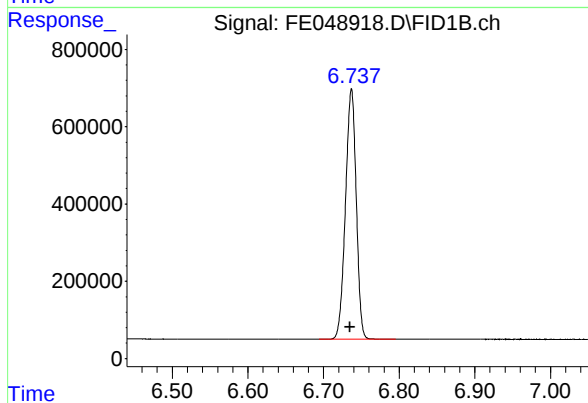
#2 n-Decane (C10)

R.T.: 4.577 min
Delta R.T.: 0.006 min
Response: 6486084
Conc: 42.15 ug/ml



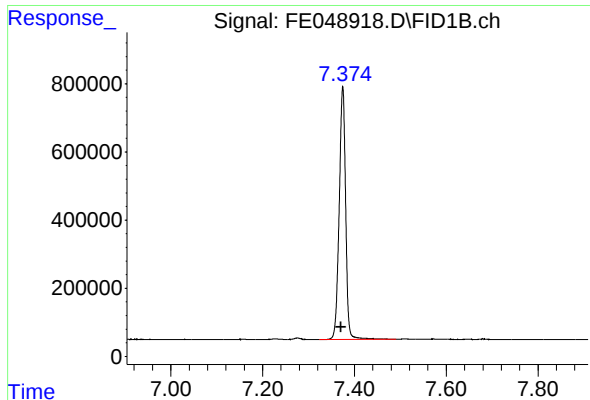
#3 A~Naphthalene (C11.7)

R.T.: 6.279 min
Delta R.T.: 0.003 min
Response: 7196114
Conc: 45.33 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.737 min
Delta R.T.: 0.002 min
Response: 6402991
Conc: 41.48 ug/ml



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

R.T.: 7.375 min
Delta R.T.: 0.004 min
Response: 7231070
Conc: 47.75 ug/ml

Instrument :

FID_E

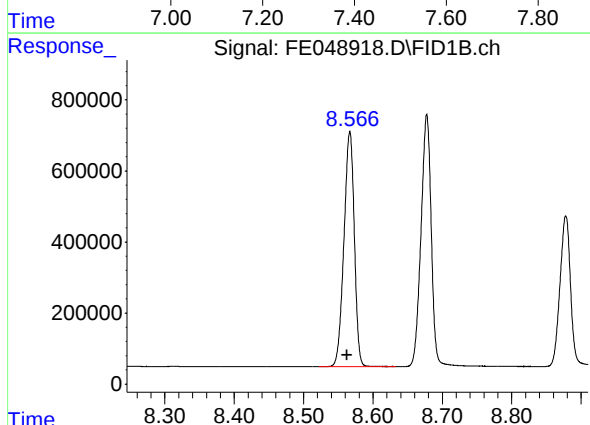
ClientSampleId :

PB161823BS

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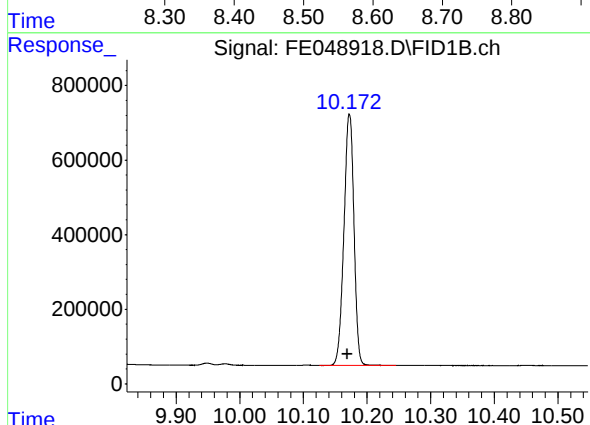
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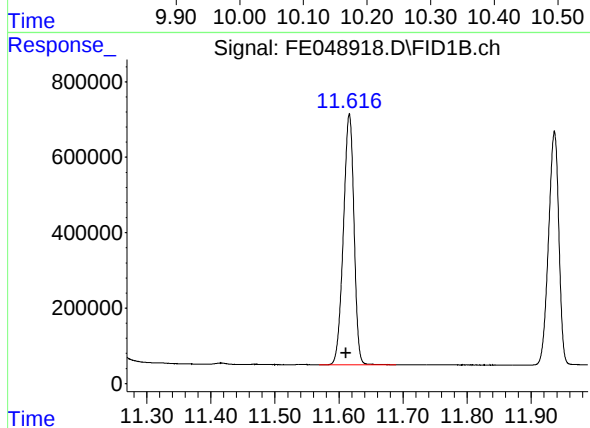
#6 n-Tetradecane (C14)

R.T.: 8.567 min
Delta R.T.: 0.004 min
Response: 6867683
Conc: 44.81 ug/ml



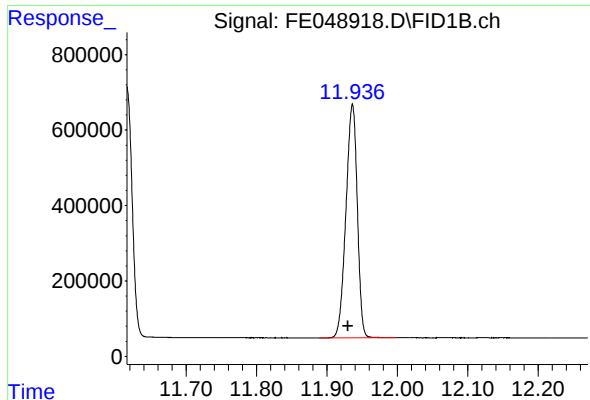
#7 n-Hexadecane (C16)

R.T.: 10.172 min
Delta R.T.: 0.004 min
Response: 7373061
Conc: 47.16 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.616 min
Delta R.T.: 0.005 min
Response: 7572841
Conc: 47.48 ug/ml



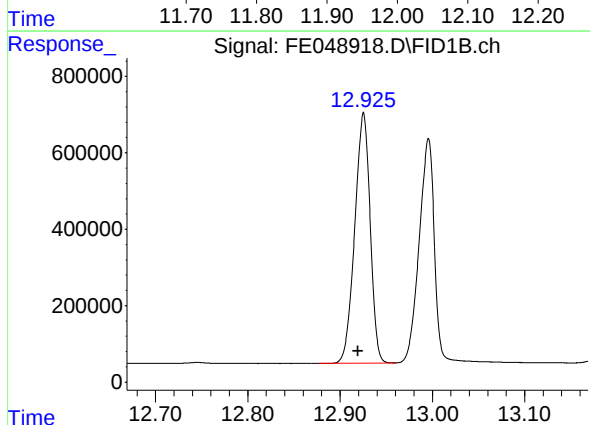
#9 ortho-Terphenyl (SURR)

R.T.: 11.936 min
Delta R.T.: 0.006 min
Response: 6934560
Conc: 41.47 ug/ml

Instrument :
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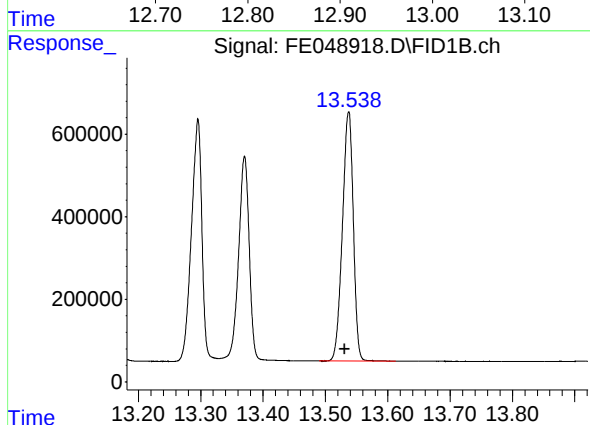
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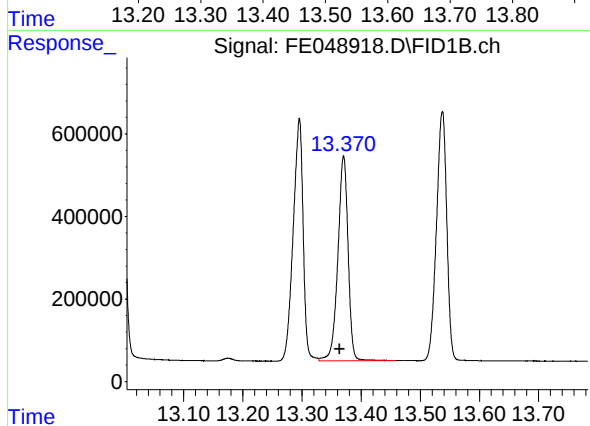
#10 n-Eicosane (C20)

R.T.: 12.925 min
Delta R.T.: 0.006 min
Response: 7604982
Conc: 49.05 ug/ml



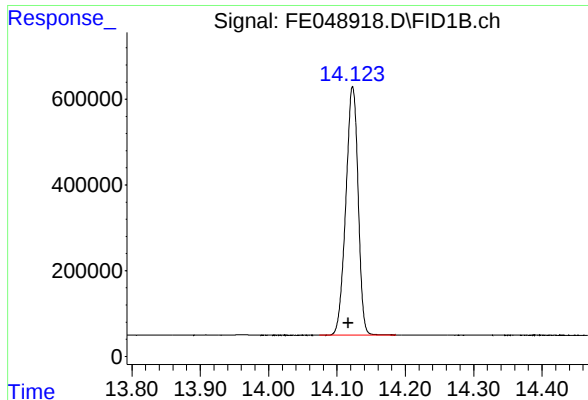
#11 n-Heneicosane (C21)

R.T.: 13.537 min
Delta R.T.: 0.007 min
Response: 7332542
Conc: 48.16 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.370 min
Delta R.T.: 0.007 min
Response: 5966491
Conc: 46.40 ug/ml



#13 n-Docosane (C22)

R.T.: 14.123 min
Delta R.T.: 0.006 min
Response: 7242833
Conc: 47.89 ug/ml

Instrument :

FID_E

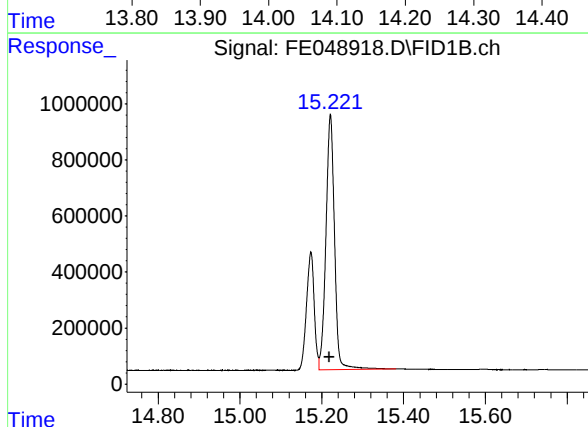
ClientSampleId :

PB161823BS

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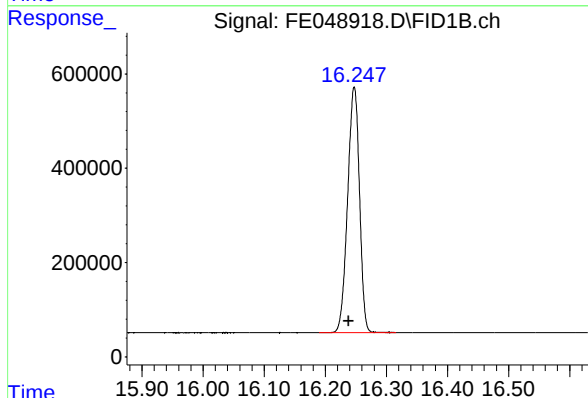
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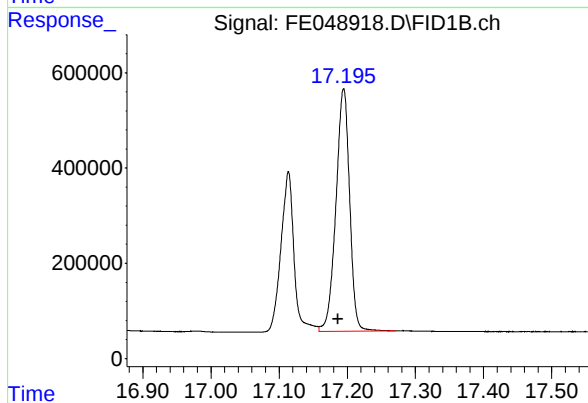
#14 n-Tetracosane (C24)

R.T.: 15.221 min
Delta R.T.: 0.003 min
Response: 13304682
Conc: 88.53 ug/ml



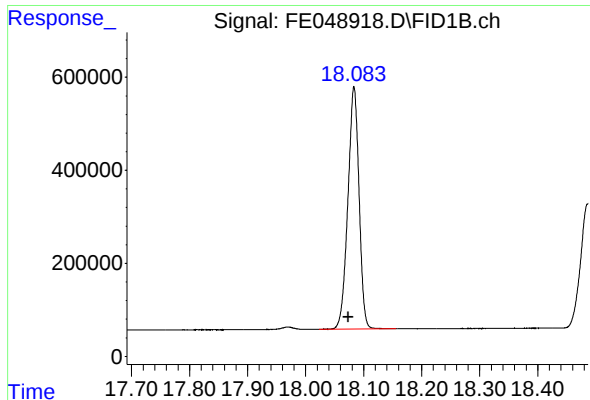
#15 n-Hexacosane (C26)

R.T.: 16.247 min
Delta R.T.: 0.009 min
Response: 7028338
Conc: 47.61 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.195 min
Delta R.T.: 0.008 min
Response: 7120264
Conc: 49.37 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.083 min
Delta R.T.: 0.010 min
Response: 6964881
Conc: 47.61 ug/ml

Instrument :

FID_E

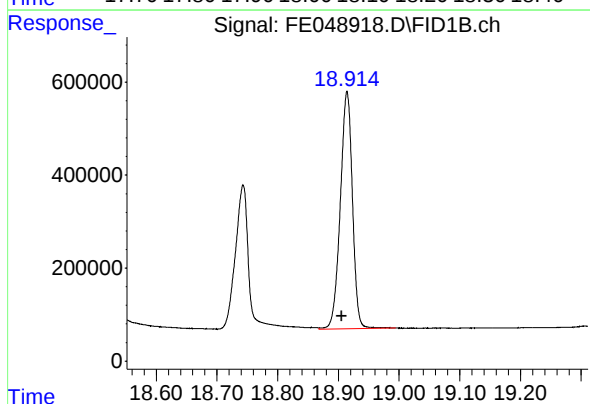
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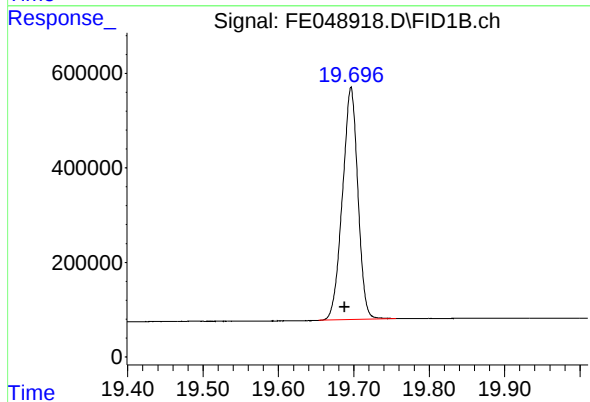
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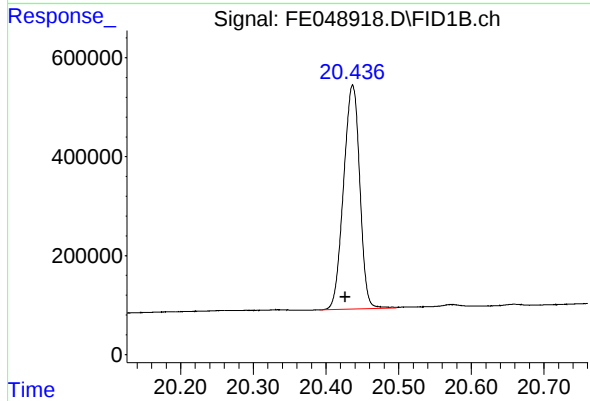
#18 n-Dotriacontane (C32)

R.T.: 18.914 min
Delta R.T.: 0.009 min
Response: 7078526
Conc: 49.51 ug/ml



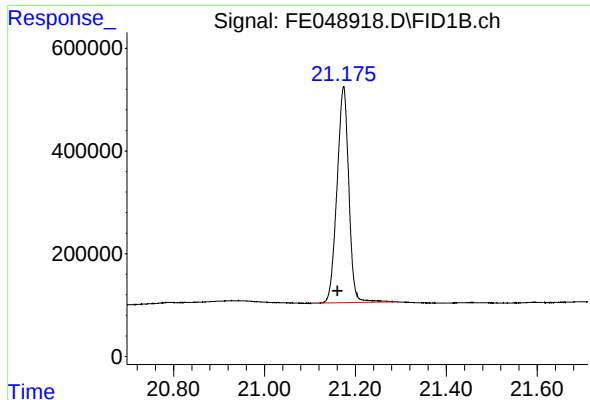
#19 n-Tetratriacontane (C34)

R.T.: 19.696 min
Delta R.T.: 0.008 min
Response: 7007745
Conc: 50.64 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.437 min
Delta R.T.: 0.010 min
Response: 7034274
Conc: 54.12 ug/ml



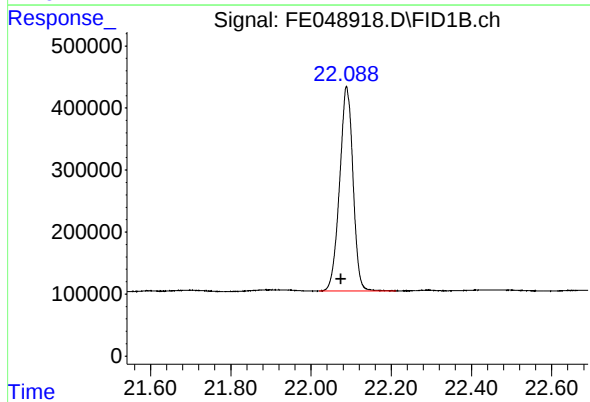
#21 n-Octatriacontane (C38)

R.T.: 21.174 min
Delta R.T.: 0.013 min
Response: 7568476
Conc: 59.04 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.088 min
Delta R.T.: 0.014 min
Response: 7644220
Conc: 62.42 ug/ml