

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050824AL\
 Data File : FE048028.D
 Signal(s) : FID1B.ch
 Acq On : 08 May 2024 15:07
 Operator : YP\AJ
 Sample : PB160783BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB160783BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/09/2024

Supervised By :Ankita Jodhani 05/09/2024

Integration File: autoint1.e

Quant Time: May 09 01:23:05 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M

Quant Title : GC Extractables

QLast Update : Mon Apr 29 03:29:12 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)	11.974	7013502	48.615 ug/ml
Spiked Amount 50.000		Recovery =	97.23%
12) S 1-chlorooctadecane (S...	13.407	5822314	52.105 ug/mlm
Spiked Amount 50.000		Recovery =	104.21%
Target Compounds			
1) T n-Nonane (C9)	3.360	6879176	53.377 ug/ml
2) T n-Decane (C10)	4.608	7401742	56.221 ug/ml
3) T A~Naphthalene (C11.7)	6.313	7856262	56.895 ug/ml
4) T n-Dodecane (C12)	6.771	7865753	59.003 ug/ml
5) T A~2-methylnaphthalene...	7.410	7862192	59.081 ug/ml
6) T n-Tetradecane (C14)	8.601	8013383	60.468 ug/ml
7) T n-Hexadecane (C16)	10.209	7980851	58.029 ug/ml
8) T n-Octadecane (C18)	11.653	8173937	58.680 ug/ml
10) T n-Eicosane (C20)	12.963	8234687	61.159 ug/ml
11) T n-Heneicosane (C21)	13.574	7997972	60.419 ug/ml
13) T n-Docosane (C22)	14.161	7922201	59.781 ug/ml
14) T n-Tetracosane (C24)	15.260	13782227	103.506 ug/ml
15) T n-Hexacosane (C26)	16.287	7751147	58.086 ug/ml
16) T n-Octacosane (C28)	17.235	7932302	59.576 ug/ml
17) T n-Tricontane (C30)	18.123	7841676	56.818 ug/ml
18) T n-Dotriacontane (C32)	18.955	7851204	56.841 ug/ml
19) T n-Tetratriacontane (C34)	19.739	8171822	59.989 ug/ml
20) T n-Hexatriacontane (C36)	20.478	8277747	61.136 ug/ml
21) T n-Octatriacontane (C38)	21.222	8429680	61.055 ug/ml
22) T n-Tetracontane (C40)	22.153	8222692	59.020 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 7 Sample Multiplier: 1

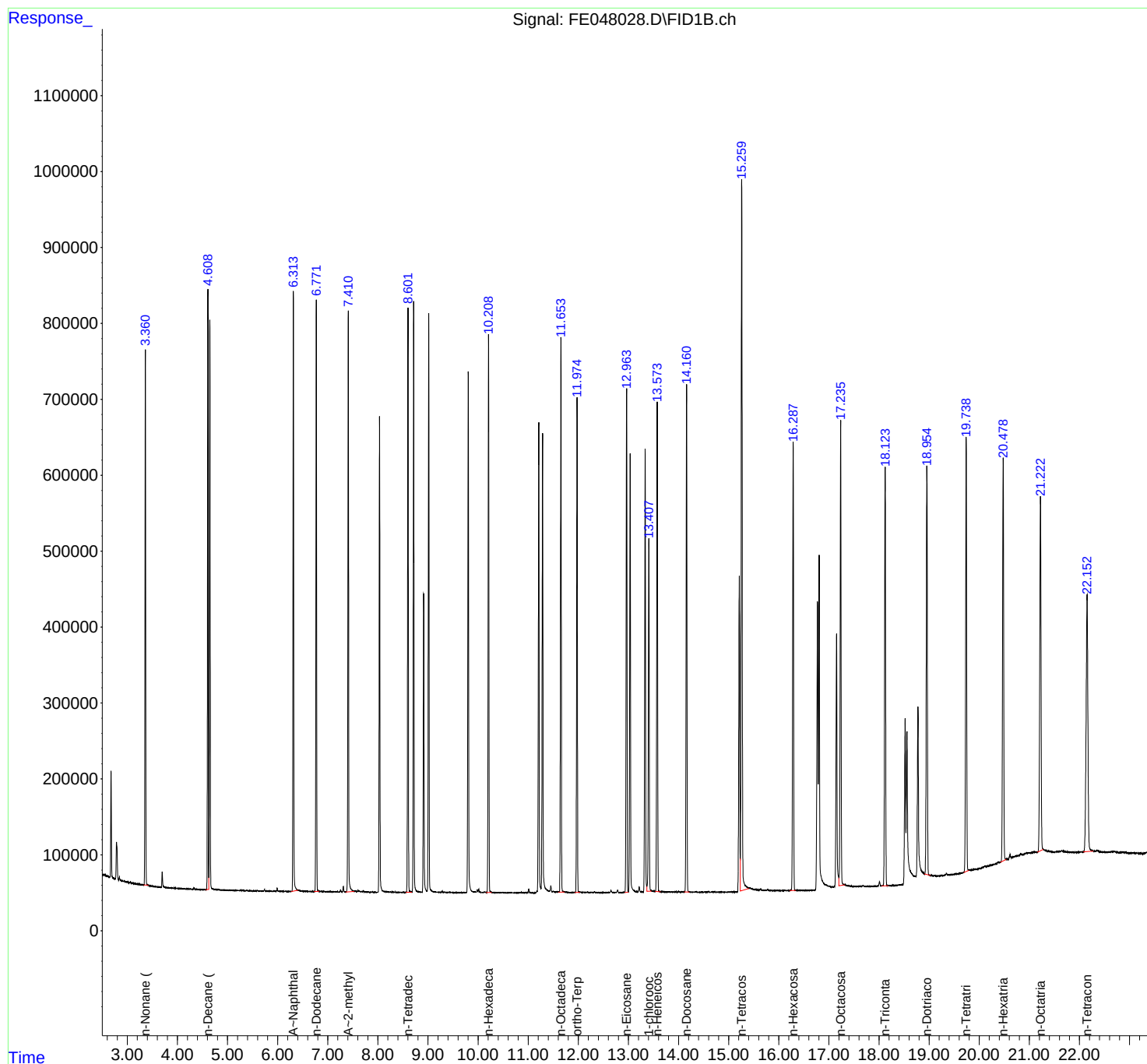
Instrument :
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PB160783BS

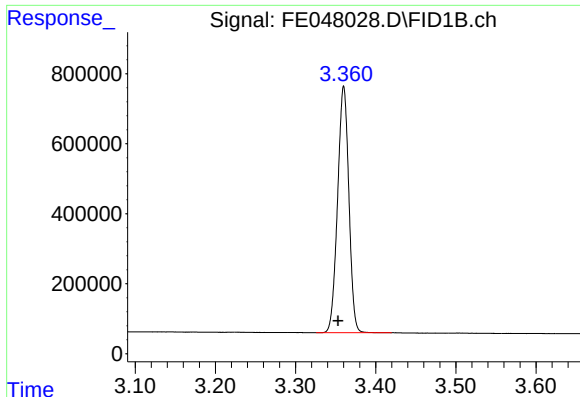
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.360 min
Delta R.T.: 0.007 min
Response: 6879176
Conc: 53.38 ug/ml

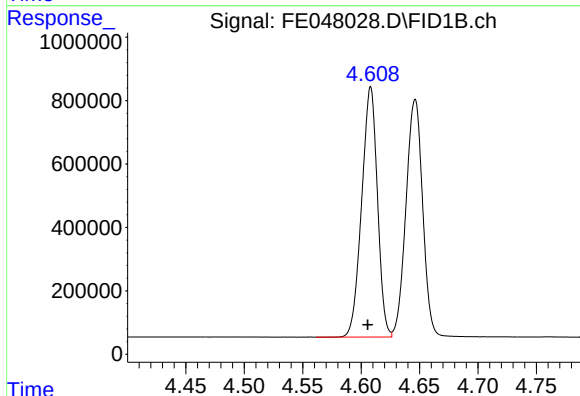
Instrument :

FID_E

ClientSampleId :
PB160783BS

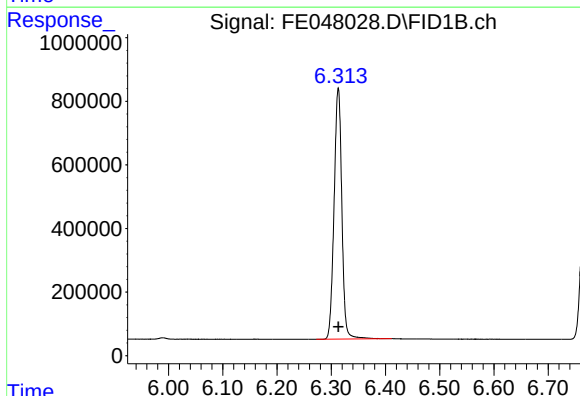
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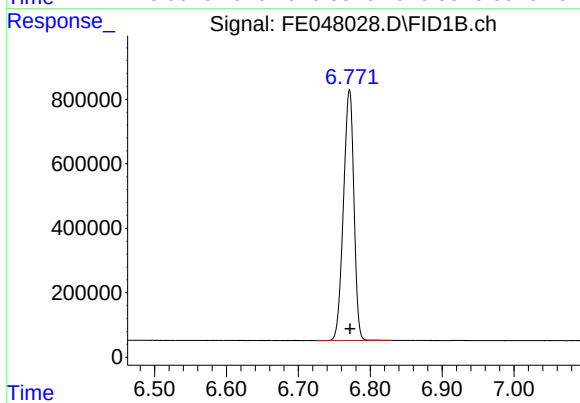
#2 n-Decane (C10)

R.T.: 4.608 min
Delta R.T.: 0.003 min
Response: 7401742
Conc: 56.22 ug/ml



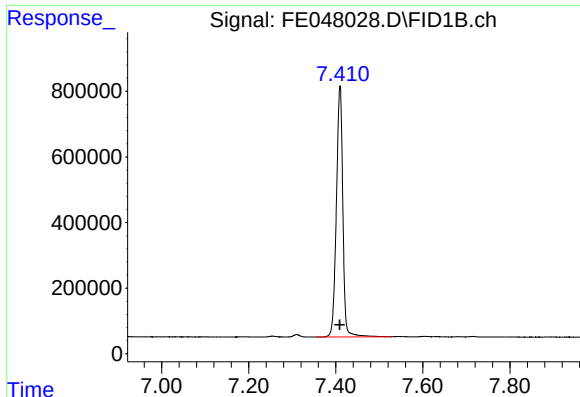
#3 A~Naphthalene (C11.7)

R.T.: 6.313 min
Delta R.T.: 0.000 min
Response: 7856262
Conc: 56.90 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.771 min
Delta R.T.: 0.000 min
Response: 7865753
Conc: 59.00 ug/ml



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

R.T.: 7.410 min
Delta R.T.: 0.000 min
Response: 7862192
Conc: 59.08 ug/ml

Instrument :

FID_E

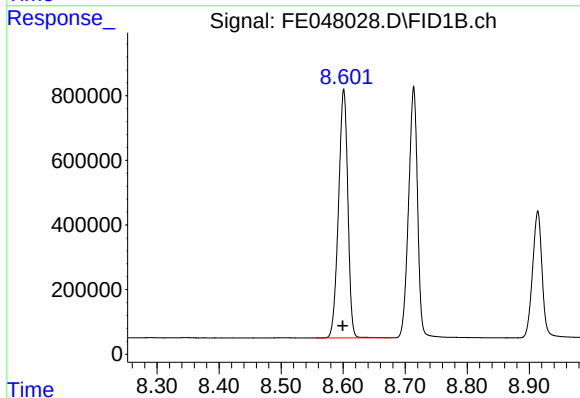
ClientSampleId :

PB160783BS

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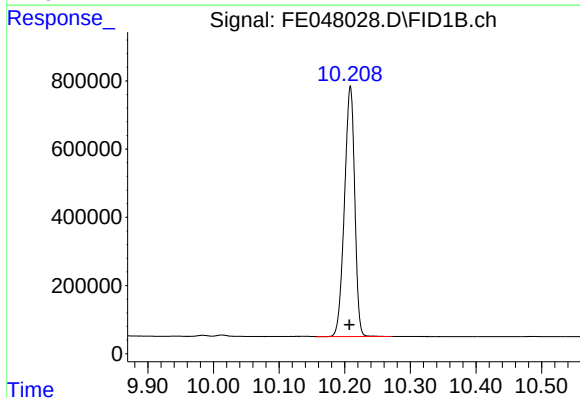
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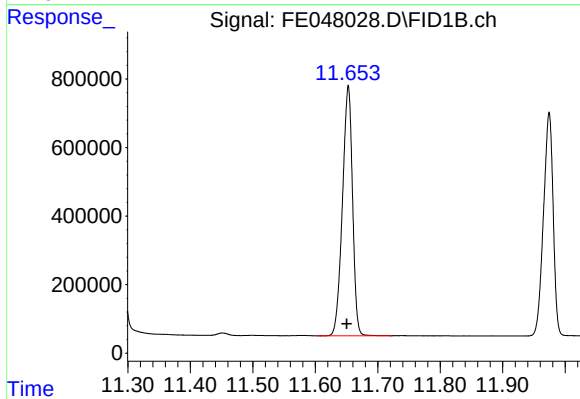
#6 n-Tetradecane (C14)

R.T.: 8.601 min
Delta R.T.: 0.002 min
Response: 8013383
Conc: 60.47 ug/ml



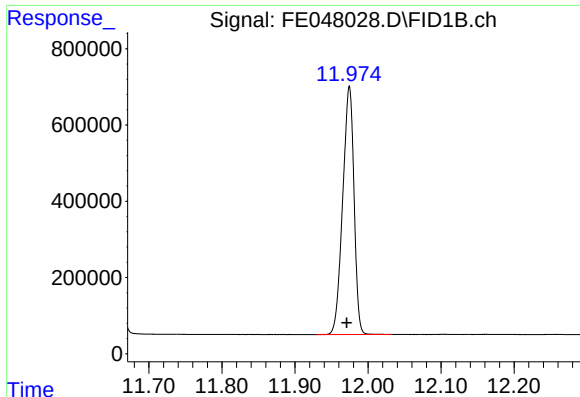
#7 n-Hexadecane (C16)

R.T.: 10.209 min
Delta R.T.: 0.002 min
Response: 7980851
Conc: 58.03 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.653 min
Delta R.T.: 0.002 min
Response: 8173937
Conc: 58.68 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.974 min
Delta R.T.: 0.003 min
Response: 7013502
Conc: 48.62 ug/ml

Instrument :

FID_E

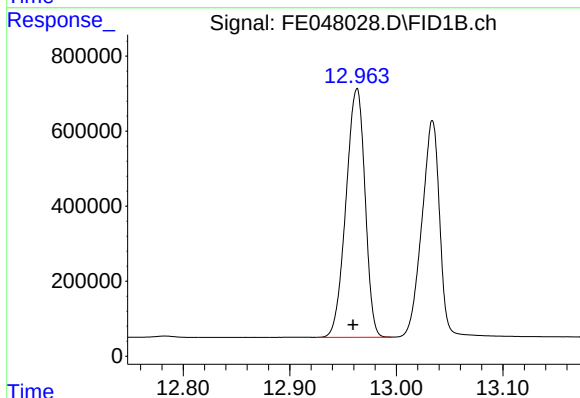
ClientSampleId :

PB160783BS

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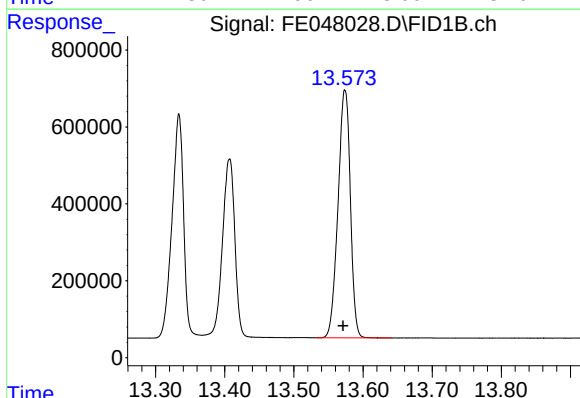
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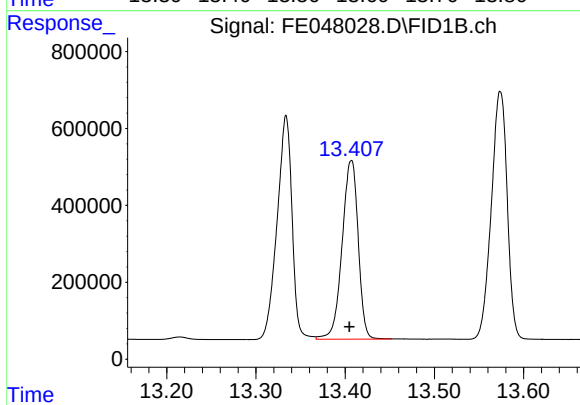
#10 n-Eicosane (C20)

R.T.: 12.963 min
Delta R.T.: 0.004 min
Response: 8234687
Conc: 61.16 ug/ml



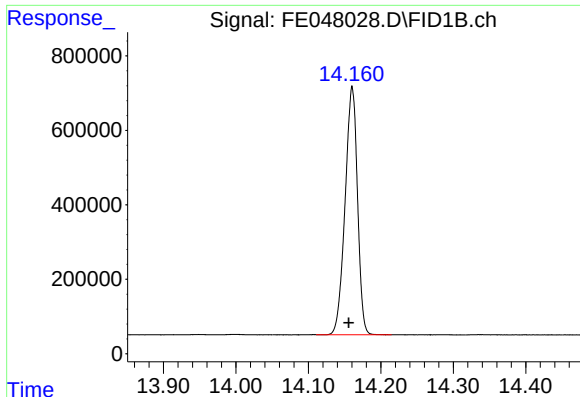
#11 n-Heneicosane (C21)

R.T.: 13.574 min
Delta R.T.: 0.003 min
Response: 7997972
Conc: 60.42 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.407 min
Delta R.T.: 0.002 min
Response: 5822314
Conc: 52.11 ug/ml m



#13 n-Docosane (C22)

R.T.: 14.161 min
Delta R.T.: 0.005 min
Response: 7922201
Conc: 59.78 ug/ml

Instrument :

FID_E

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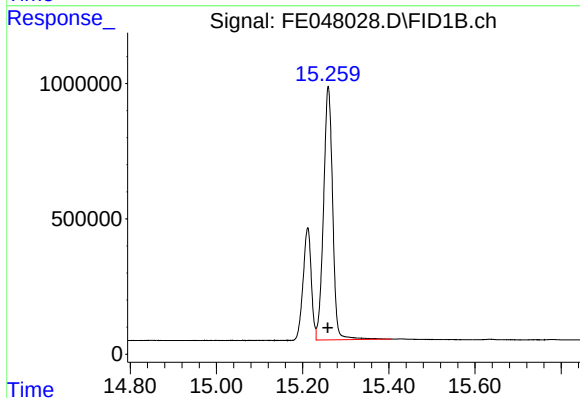
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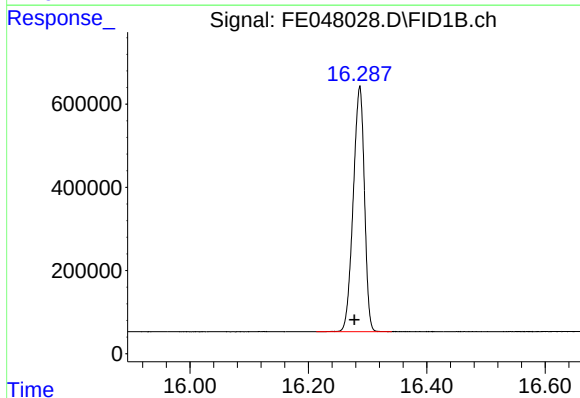
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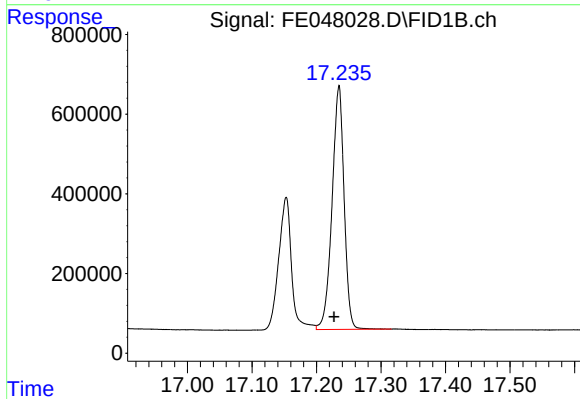
#14 n-Tetracosane (C24)

R.T.: 15.260 min
Delta R.T.: 0.002 min
Response: 13782227
Conc: 103.51 ug/ml



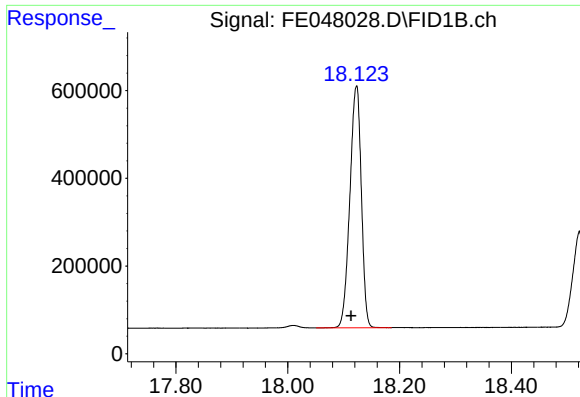
#15 n-Hexacosane (C26)

R.T.: 16.287 min
Delta R.T.: 0.009 min
Response: 7751147
Conc: 58.09 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.235 min
Delta R.T.: 0.008 min
Response: 7932302
Conc: 59.58 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.123 min
Delta R.T.: 0.010 min
Response: 7841676
Conc: 56.82 ug/ml

Instrument :

FID_E

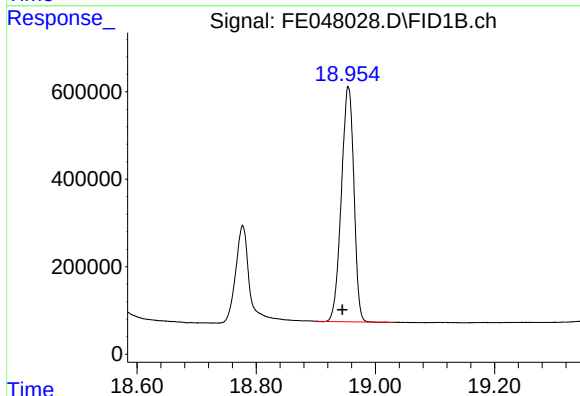
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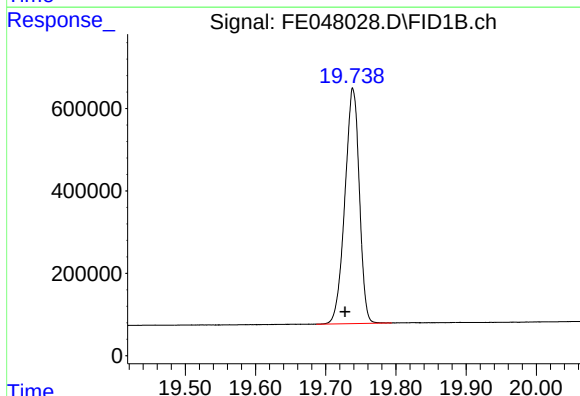
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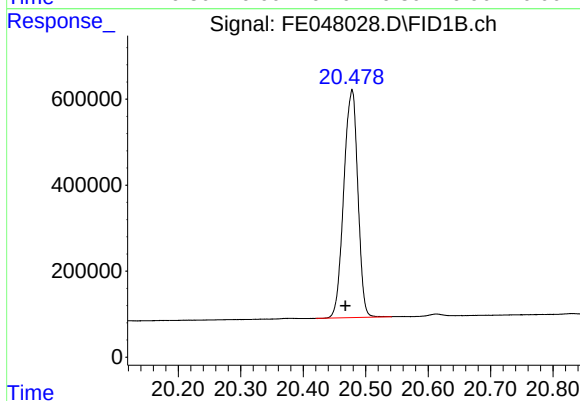
#18 n-Dotriacontane (C32)

R.T.: 18.955 min
Delta R.T.: 0.010 min
Response: 7851204
Conc: 56.84 ug/ml



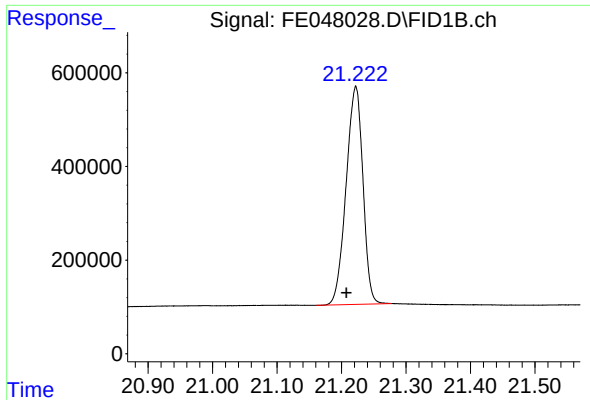
#19 n-Tetratriacontane (C34)

R.T.: 19.739 min
Delta R.T.: 0.011 min
Response: 8171822
Conc: 59.99 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.478 min
Delta R.T.: 0.011 min
Response: 8277747
Conc: 61.14 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.222 min
Delta R.T.: 0.015 min
Response: 8429680
Conc: 61.05 ug/ml

Instrument :

FID_E

ClientSampleId :

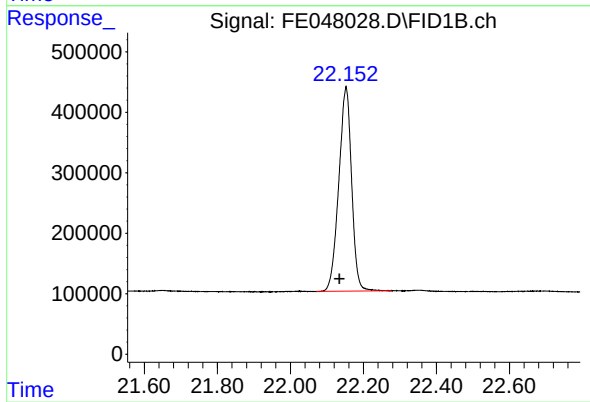
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#22 n-Tetracontane (C40)

R.T.: 22.153 min
Delta R.T.: 0.019 min
Response: 8222692
Conc: 59.02 ug/ml