

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050124AL\
 Data File : FE047906.D
 Signal(s) : FID1B.ch
 Acq On : 01 May 2024 14:29
 Operator : YP\AJ
 Sample : PB160644BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB160644BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 05/02/2024

Supervised By :mohammad ahmed 05/02/2024

Integration File: autoint1.e

Quant Time: May 02 02:12:24 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)	11.977	5978049	41.438 ug/ml
Spiked Amount 50.000		Recovery =	82.88%
12) S 1-chlorooctadecane (S...	13.409	4955303	44.346 ug/mlm
Spiked Amount 50.000		Recovery =	88.69%
Target Compounds			
1) T n-Nonane (C9)	3.361	5539413	42.981 ug/ml
2) T n-Decane (C10)	4.610	5846586	44.409 ug/ml
3) T A~Naphthalene (C11.7)	6.316	6022201	43.613 ug/ml
4) T n-Dodecane (C12)	6.774	6025714	45.200 ug/ml
5) T A~2-methylnaphthalene...	7.412	5955934	44.756 ug/ml
6) T n-Tetradecane (C14)	8.603	6088890	45.946 ug/ml
7) T n-Hexadecane (C16)	10.211	6044004	43.946 ug/ml
8) T n-Octadecane (C18)	11.655	6154358	44.182 ug/ml
10) T n-Eicosane (C20)	12.965	6178668	45.889 ug/ml
11) T n-Heneicosane (C21)	13.576	6001512	45.337 ug/ml
13) T n-Docosane (C22)	14.162	5948674	44.889 ug/ml
14) T n-Tetracosane (C24)	15.259	10324270	77.537 ug/ml
15) T n-Hexacosane (C26)	16.286	5836621	43.739 ug/ml
16) T n-Octacosane (C28)	17.235	5970554	44.842 ug/ml
17) T n-Tricontane (C30)	18.122	5900537	42.753 ug/ml
18) T n-Dotriacontane (C32)	18.954	5886990	42.620 ug/ml
19) T n-Tetratriacontane (C34)	19.737	6106921	44.831 ug/ml
20) T n-Hexatriacontane (C36)	20.478	6126102	45.245 ug/ml
21) T n-Octatriacontane (C38)	21.221	6126000	44.370 ug/ml
22) T n-Tetracontane (C40)	22.151	5880396	42.207 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB160644BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

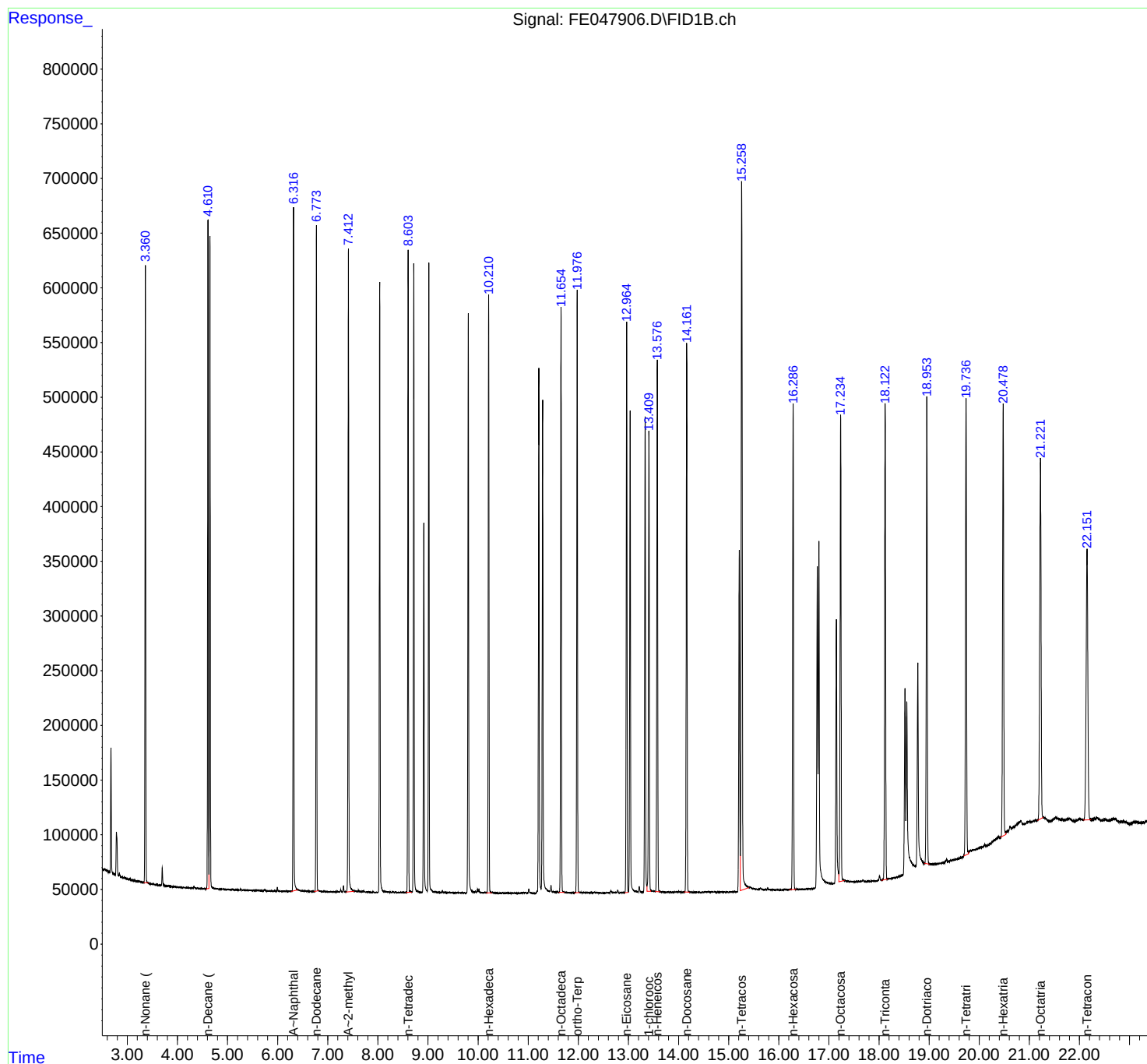
Instrument :
FID_E
ClientSampleId :
PB160644BS

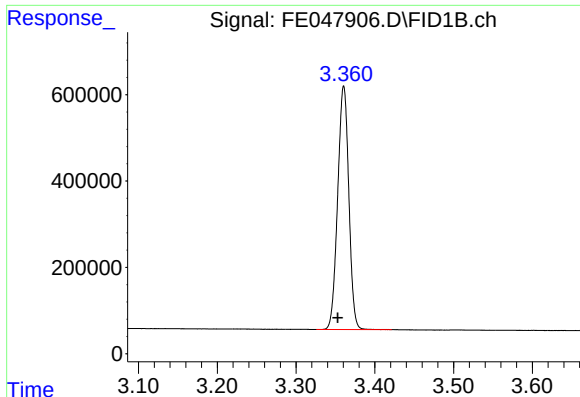
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QLast Update : Mon Apr 29 03:29:12 2024
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Integrator: ChemStation

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





#1 n-Nonane (C9)

R.T.: 3.361 min
Delta R.T.: 0.008 min
Response: 5539413
Conc: 42.98 ug/ml

Instrument :

FID_E

ClientSampleId :

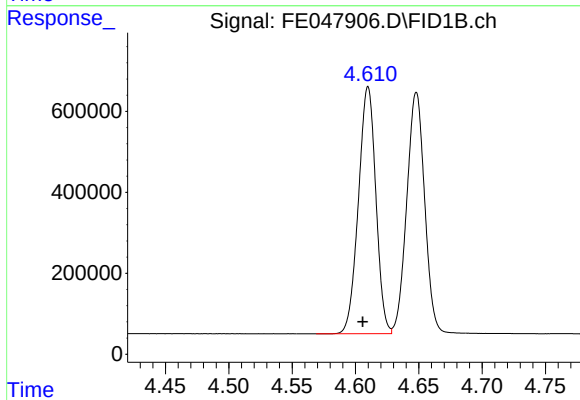
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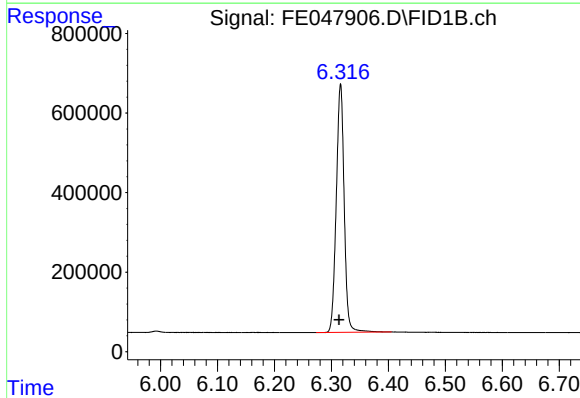
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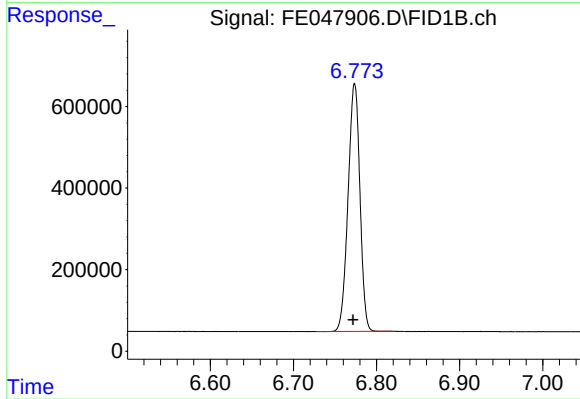
#2 n-Decane (C10)

R.T.: 4.610 min
Delta R.T.: 0.004 min
Response: 5846586
Conc: 44.41 ug/ml



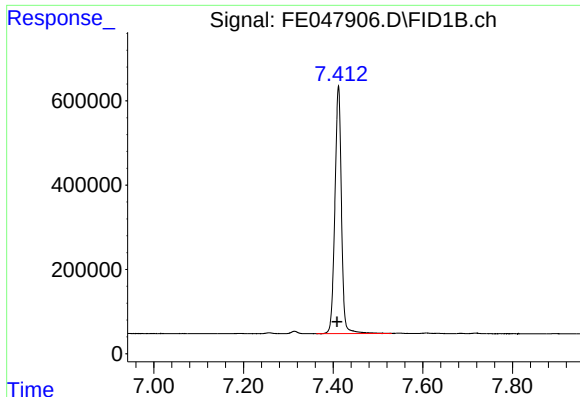
#3 A~Naphthalene (C11.7)

R.T.: 6.316 min
Delta R.T.: 0.003 min
Response: 6022201
Conc: 43.61 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.774 min
Delta R.T.: 0.002 min
Response: 6025714
Conc: 45.20 ug/ml



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

R.T.: 7.412 min
Delta R.T.: 0.003 min
Response: 5955934
Conc: 44.76 ug/ml

Instrument :

FID_E

ClientSampleId :

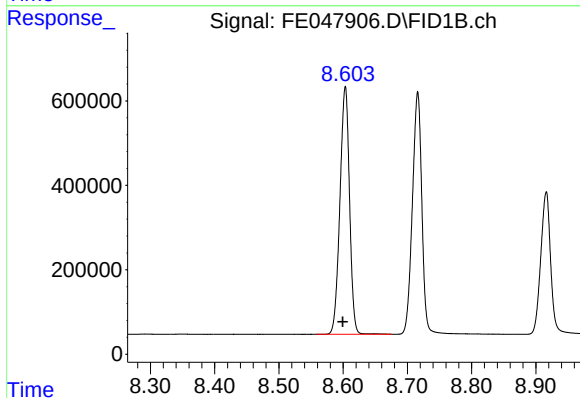
PB160644BS

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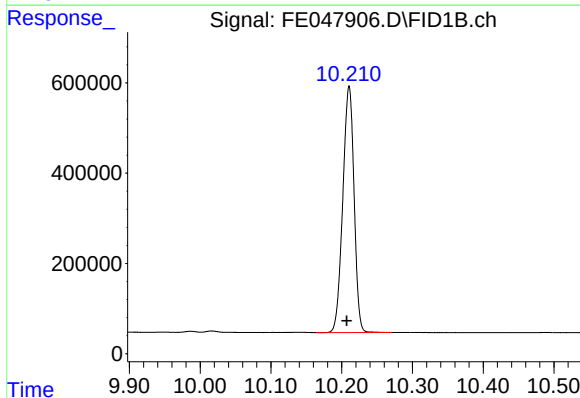
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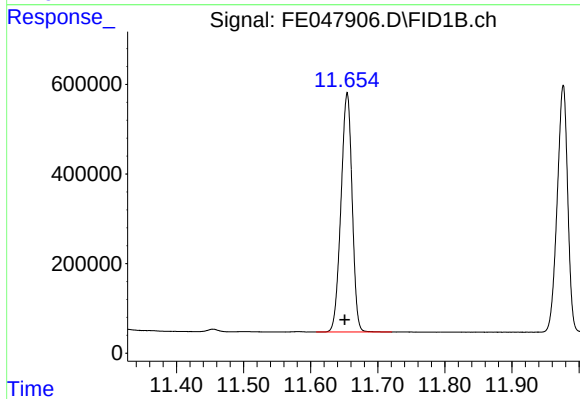
#6 n-Tetradecane (C14)

R.T.: 8.603 min
Delta R.T.: 0.004 min
Response: 6088890
Conc: 45.95 ug/ml



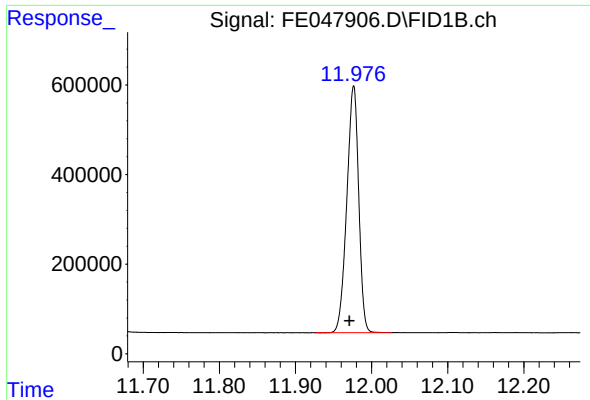
#7 n-Hexadecane (C16)

R.T.: 10.211 min
Delta R.T.: 0.004 min
Response: 6044004
Conc: 43.95 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.655 min
Delta R.T.: 0.004 min
Response: 6154358
Conc: 44.18 ug/ml



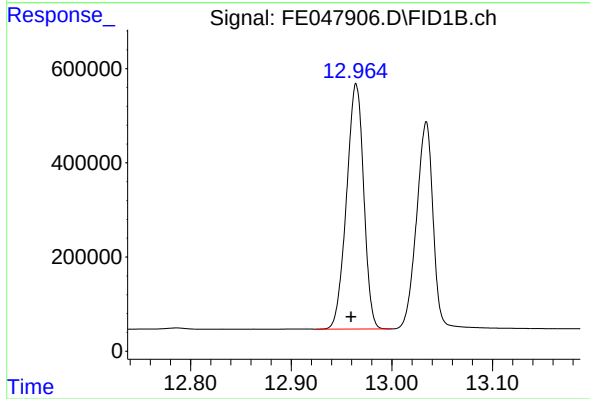
#9 ortho-Terphenyl (SURR)

R.T.: 11.977 min
Delta R.T.: 0.005 min
Response: 5978049
Conc: 41.44 ug/ml

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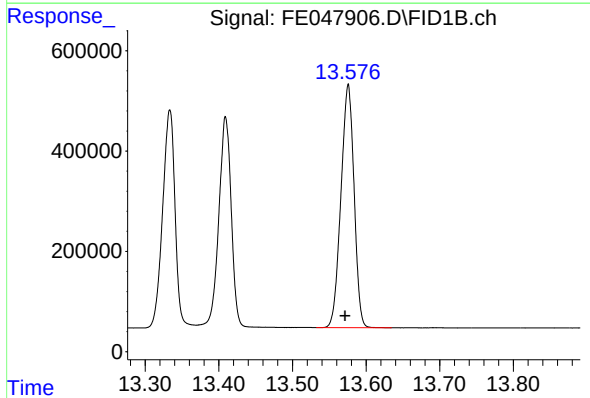
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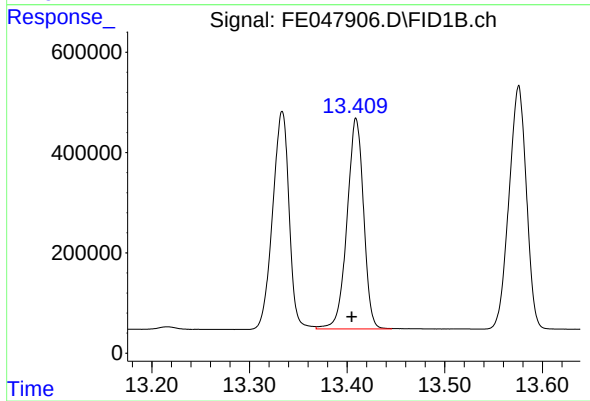
#10 n-Eicosane (C20)

R.T.: 12.965 min
Delta R.T.: 0.005 min
Response: 6178668
Conc: 45.89 ug/ml



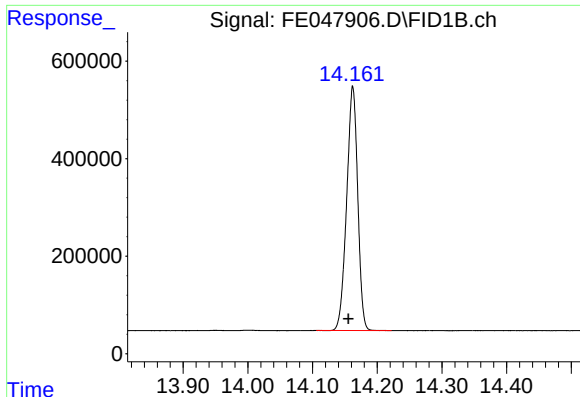
#11 n-Heneicosane (C21)

R.T.: 13.576 min
Delta R.T.: 0.005 min
Response: 6001512
Conc: 45.34 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.409 min
Delta R.T.: 0.004 min
Response: 4955303
Conc: 44.35 ug/ml m



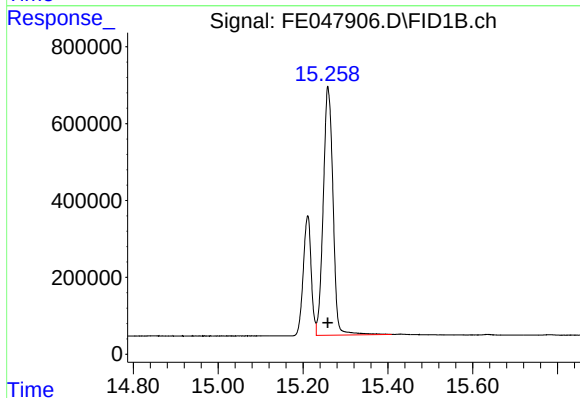
#13 n-Docosane (C22)

R.T.: 14.162 min
Delta R.T.: 0.007 min
Response: 5948674
Conc: 44.89 ug/ml

Instrument :
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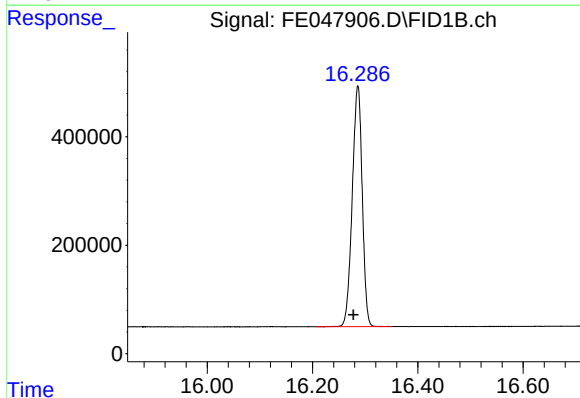
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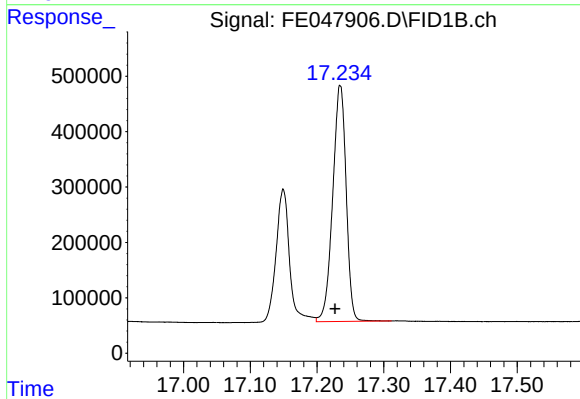
#14 n-Tetracosane (C24)

R.T.: 15.259 min
Delta R.T.: 0.000 min
Response: 10324270
Conc: 77.54 ug/ml



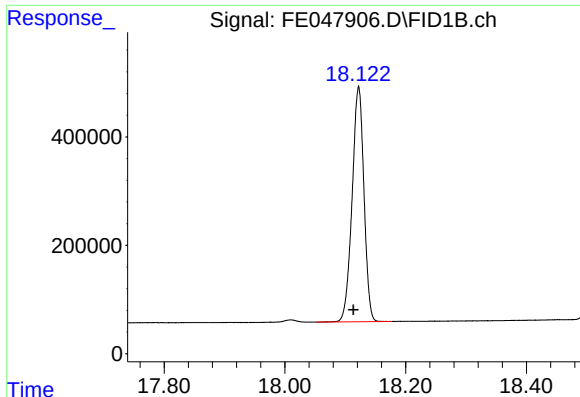
#15 n-Hexacosane (C26)

R.T.: 16.286 min
Delta R.T.: 0.008 min
Response: 5836621
Conc: 43.74 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.235 min
Delta R.T.: 0.008 min
Response: 5970554
Conc: 44.84 ug/ml



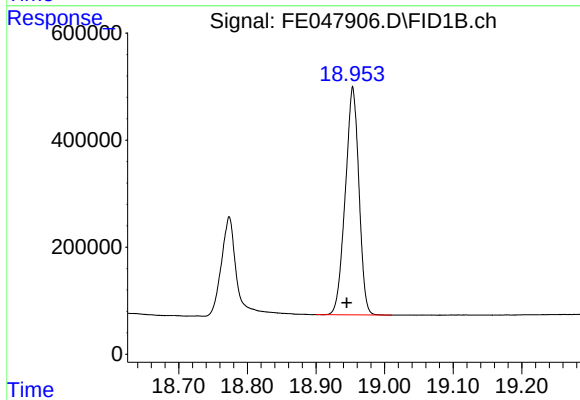
#17 n-Tricontane (C30)

R.T.: 18.122 min
Delta R.T.: 0.009 min
Response: 5900537
Conc: 42.75 ug/ml

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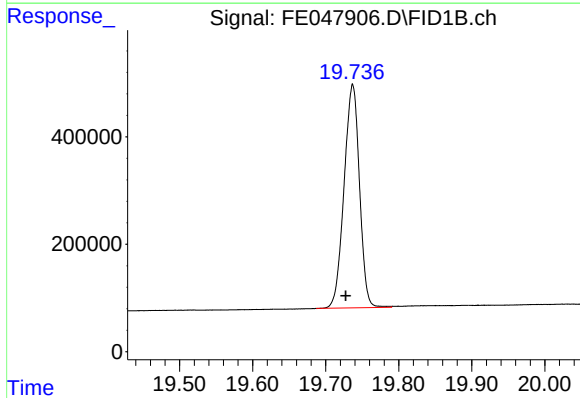
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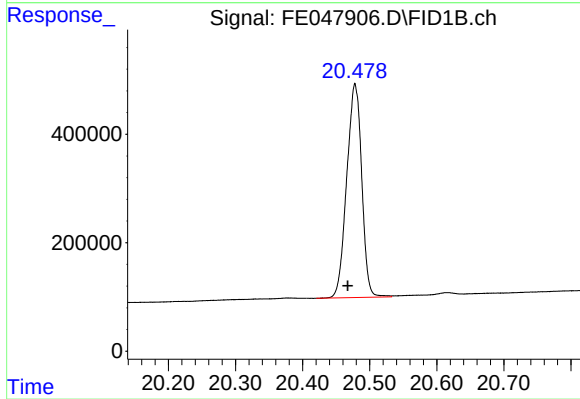
#18 n-Dotriacontane (C32)

R.T.: 18.954 min
Delta R.T.: 0.009 min
Response: 5886990
Conc: 42.62 ug/ml



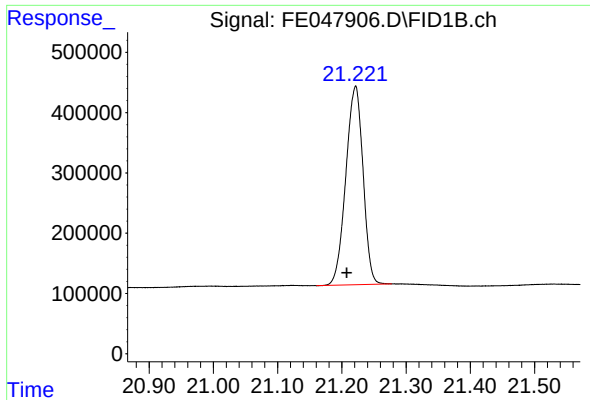
#19 n-Tetratriacontane (C34)

R.T.: 19.737 min
Delta R.T.: 0.009 min
Response: 6106921
Conc: 44.83 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.478 min
Delta R.T.: 0.011 min
Response: 6126102
Conc: 45.24 ug/ml



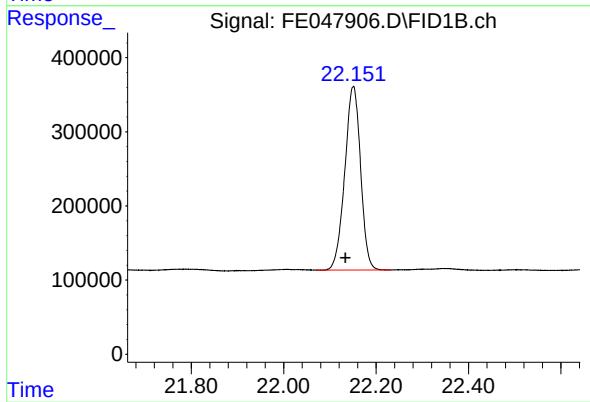
#21 n-Octatriacontane (C38)

R.T.: 21.221 min
Delta R.T.: 0.014 min
Response: 6126000
Conc: 44.37 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.151 min
Delta R.T.: 0.017 min
Response: 5880396
Conc: 42.21 ug/ml