

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE043024AL\
 Data File : FE047891.D
 Signal(s) : FID1B.ch
 Acq On : 30 Apr 2024 21:06
 Operator : YP\AJ
 Sample : P2307-05MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

WC-2MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 05/01/2024

Supervised By :mohammad ahmed 05/02/2024

Integration File: autoint1.e

Quant Time: May 01 01:20:34 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)	11.976	4922302	34.120 ug/ml
Spiked Amount 50.000		Recovery =	68.24%
12) S 1-chlorooctadecane (S...	13.410	6239625	55.840 ug/mlm
Spiked Amount 50.000		Recovery =	111.68%
Target Compounds			
1) T n-Nonane (C9)	3.353	3663313	28.424 ug/ml
2) T n-Decane (C10)	4.607	4158526	31.587 ug/ml
3) T A~Naphthalene (C11.7)	6.315	4795450	34.729 ug/ml
4) T n-Dodecane (C12)	6.773	4786961	35.908 ug/ml
5) T A~2-methylnaphthalene...	7.411	5133883	38.579 ug/ml
6) T n-Tetradecane (C14)	8.604	5479420	41.347 ug/ml
7) T n-Hexadecane (C16)	10.210	6079514	44.204 ug/ml
8) T n-Octadecane (C18)	11.655	5937278	42.623 ug/ml
10) T n-Eicosane (C20)	12.966	6325226	46.978 ug/mlm
11) T n-Heneicosane (C21)	13.576	6221090	46.996 ug/mlm
13) T n-Docosane (C22)	14.162	6146298	46.380 ug/ml
14) T n-Tetracosane (C24)	15.265	15375085	115.469 ug/ml
15) T n-Hexacosane (C26)	16.288	6073082	45.511 ug/ml
16) T n-Octacosane (C28)	17.236	7342049	55.142 ug/mlm
17) T n-Tricontane (C30)	18.123	6021190	43.627 ug/ml
18) T n-Dotriacontane (C32)	18.955	5665330	41.016 ug/mlm
19) T n-Tetratriacontane (C34)	19.739	5845861	42.914 ug/ml
20) T n-Hexatriacontane (C36)	20.477	5926512	43.771 ug/ml
21) T n-Octatriacontane (C38)	21.220	5987971	43.370 ug/mlm
22) T n-Tetracontane (C40)	22.149	5928183	42.550 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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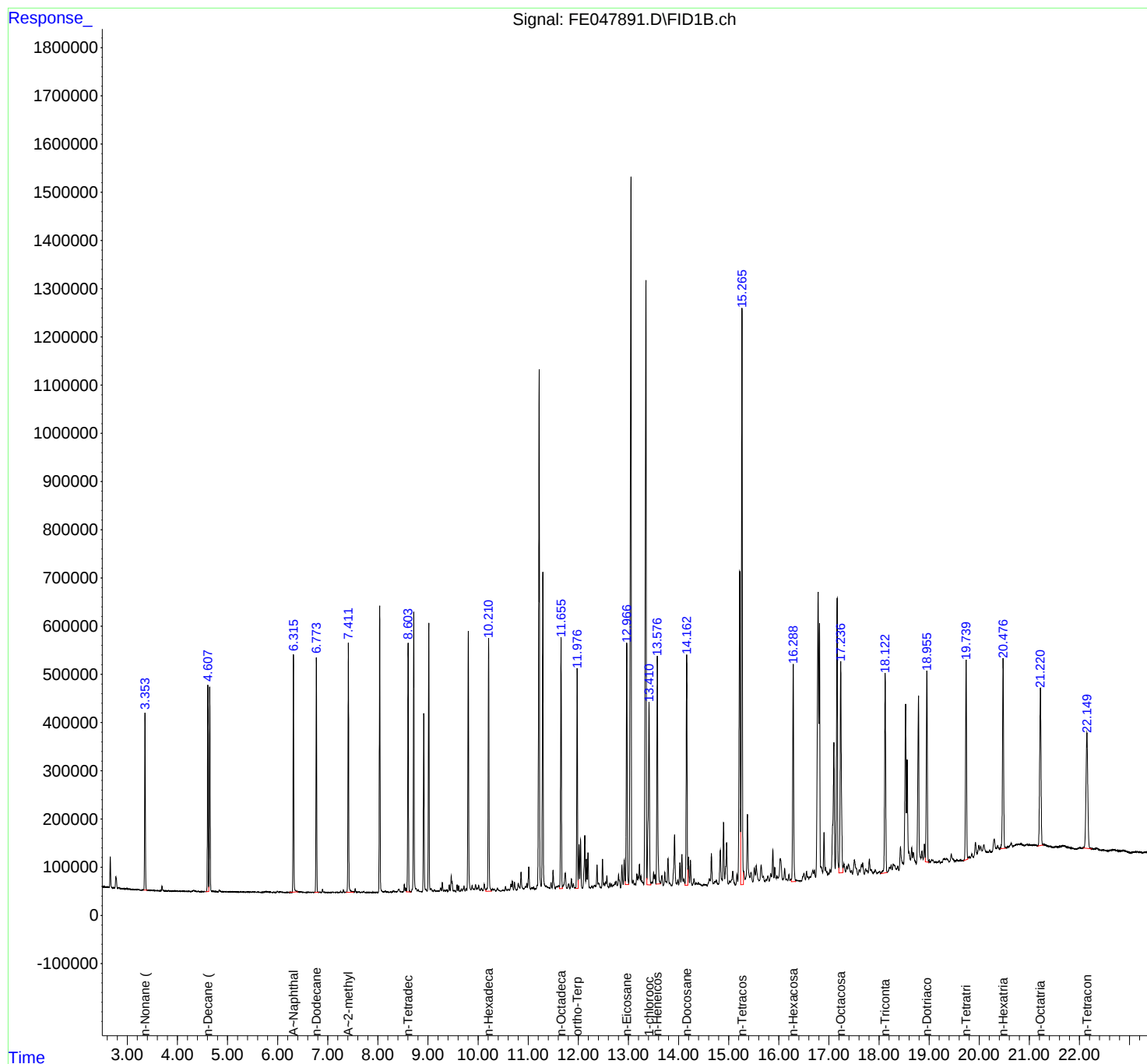
Instrument :
FID_E
ClientSampleId :
WC-2MS

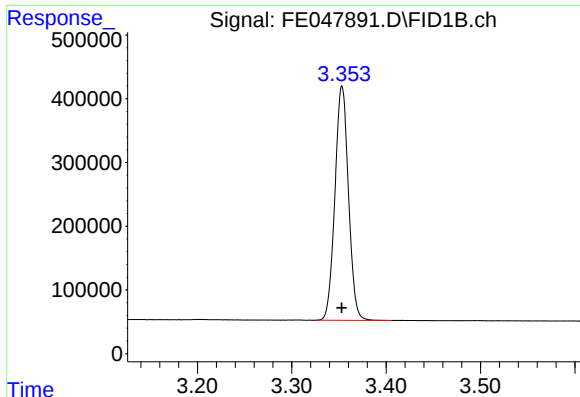
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QLast Update : Mon Apr 29 03:29:12 2024
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.353 min
Delta R.T.: 0.000 min
Response: 3663313
Conc: 28.42 ug/ml

Instrument :

FID_E

ClientSampleId :

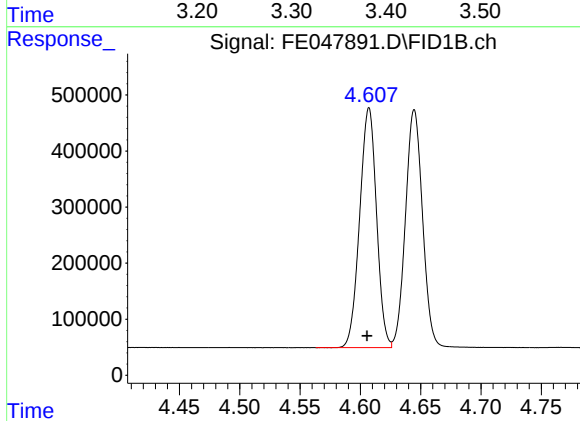
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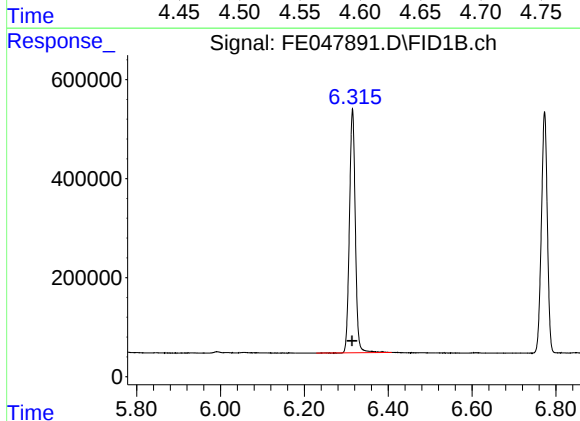
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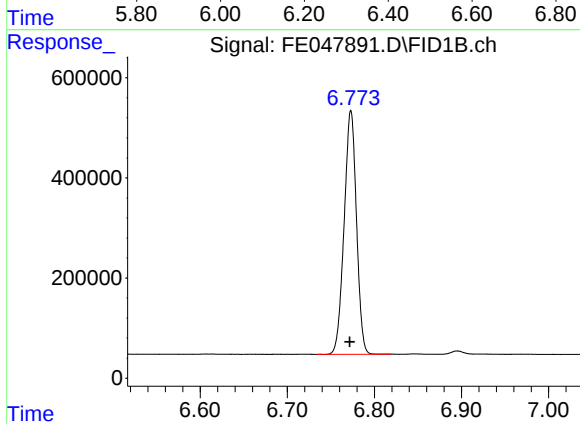
#2 n-Decane (C10)

R.T.: 4.607 min
Delta R.T.: 0.002 min
Response: 4158526
Conc: 31.59 ug/ml



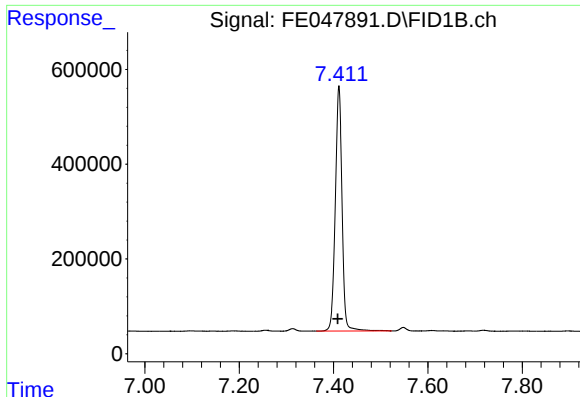
#3 A~Naphthalene (C11.7)

R.T.: 6.315 min
Delta R.T.: 0.001 min
Response: 4795450
Conc: 34.73 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.773 min
Delta R.T.: 0.001 min
Response: 4786961
Conc: 35.91 ug/ml



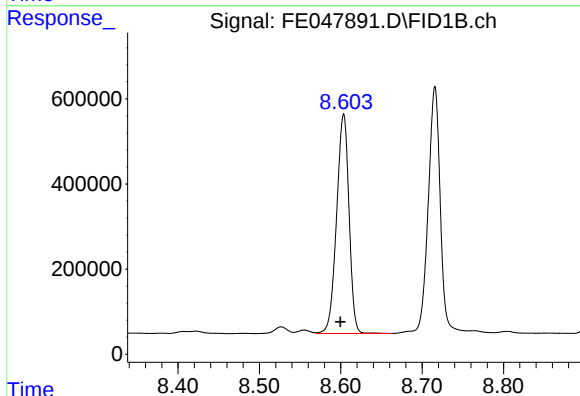
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.411 min
Delta R.T.: 0.002 min
Response: 5133883
Conc: 38.58 ug/ml

Instrument :
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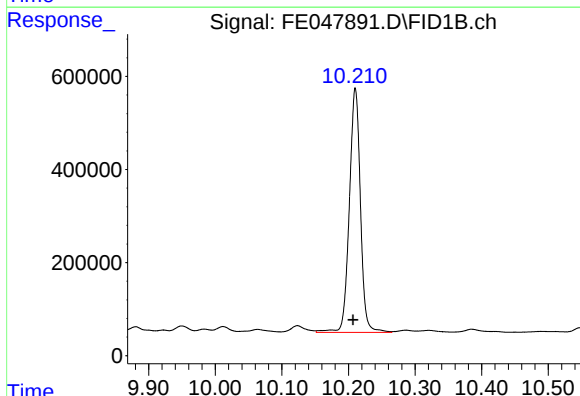
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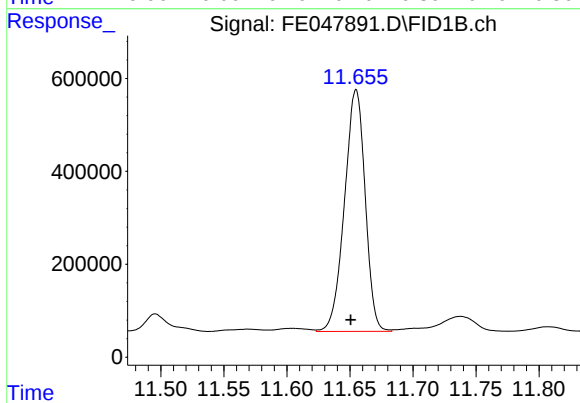
#6 n-Tetradecane (C14)

R.T.: 8.604 min
Delta R.T.: 0.004 min
Response: 5479420
Conc: 41.35 ug/ml



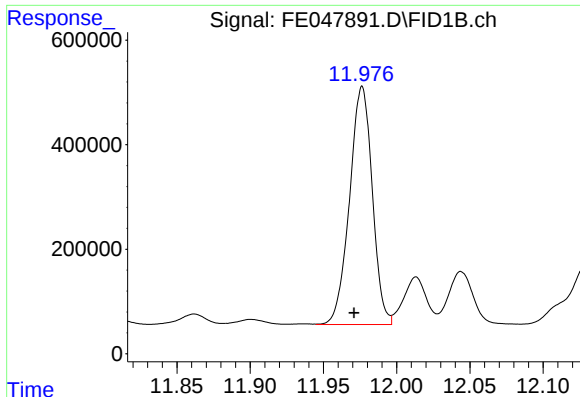
#7 n-Hexadecane (C16)

R.T.: 10.210 min
Delta R.T.: 0.003 min
Response: 6079514
Conc: 44.20 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.655 min
Delta R.T.: 0.004 min
Response: 5937278
Conc: 42.62 ug/ml



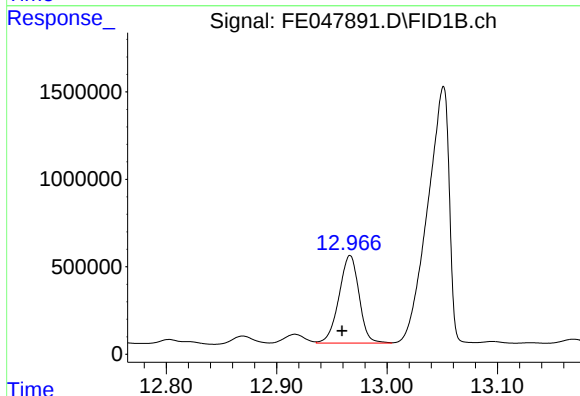
#9 ortho-Terphenyl (SURR)

R.T.: 11.976 min
Delta R.T.: 0.005 min
Response: 4922302
Conc: 34.12 ug/ml

Instrument :
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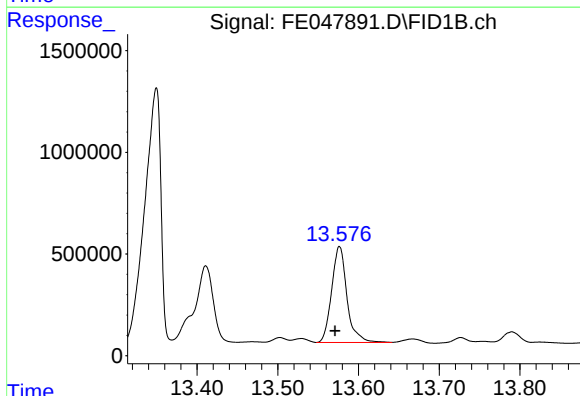
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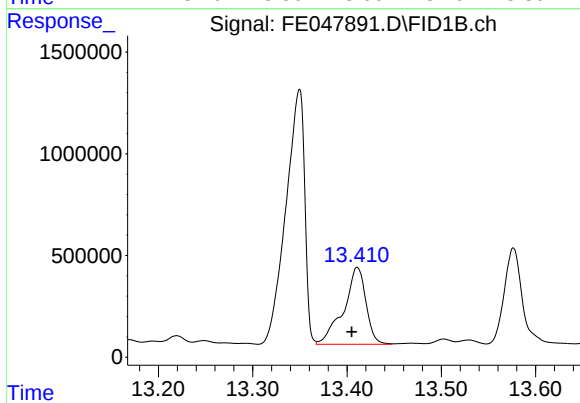
#10 n-Eicosane (C20)

R.T.: 12.966 min
Delta R.T.: 0.006 min
Response: 6325226
Conc: 46.98 ug/ml m



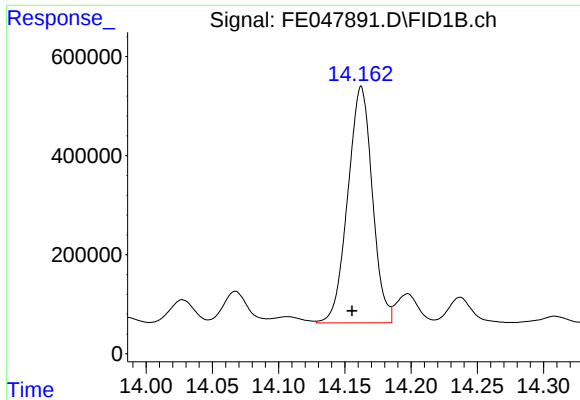
#11 n-Heneicosane (C21)

R.T.: 13.576 min
Delta R.T.: 0.005 min
Response: 6221090
Conc: 47.00 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.410 min
Delta R.T.: 0.006 min
Response: 6239625
Conc: 55.84 ug/ml m



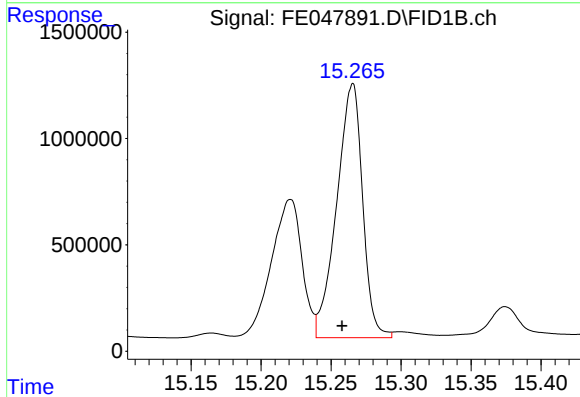
#13 n-Docosane (C22)

R.T.: 14.162 min
Delta R.T.: 0.007 min
Response: 6146298
Conc: 46.38 ug/ml

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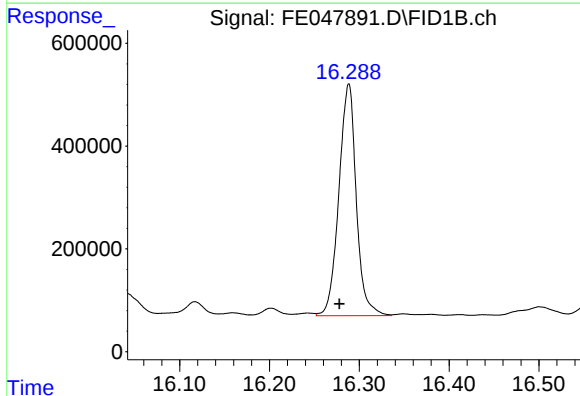
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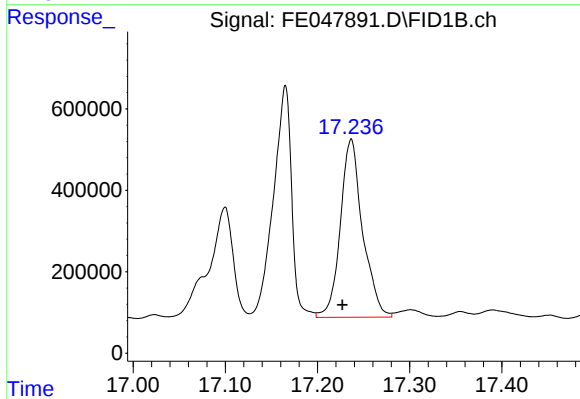
#14 n-Tetracosane (C24)

R.T.: 15.265 min
Delta R.T.: 0.008 min
Response: 15375085
Conc: 115.47 ug/ml



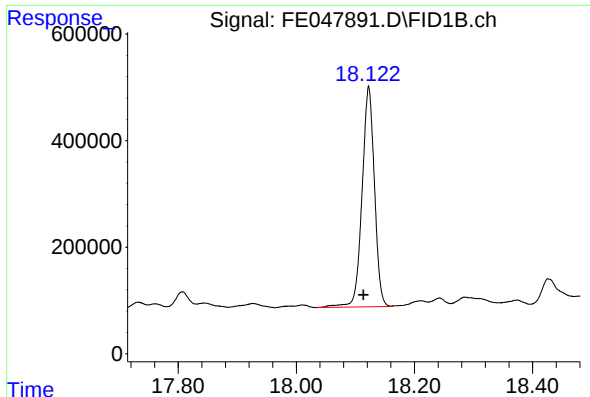
#15 n-Hexacosane (C26)

R.T.: 16.288 min
Delta R.T.: 0.010 min
Response: 6073082
Conc: 45.51 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.236 min
Delta R.T.: 0.009 min
Response: 7342049
Conc: 55.14 ug/ml m



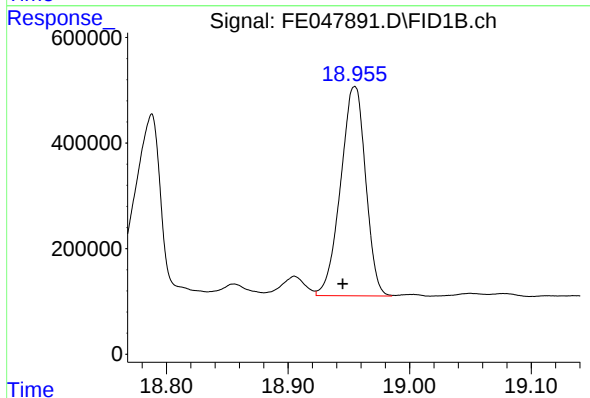
#17 n-Tricontane (C30)

R.T.: 18.123 min
Delta R.T.: 0.009 min
Response: 6021190
Conc: 43.63 ug/ml

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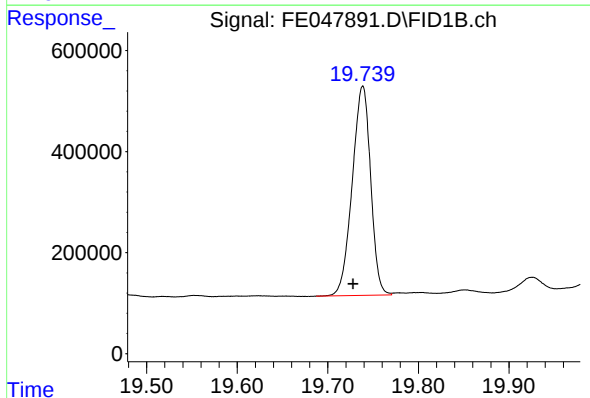
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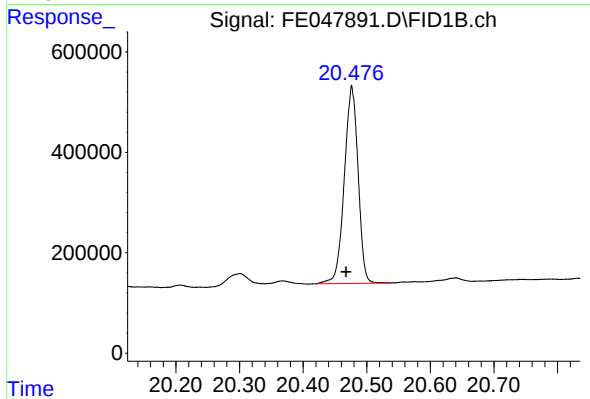
#18 n-Dotriacontane (C32)

R.T.: 18.955 min
Delta R.T.: 0.010 min
Response: 5665330
Conc: 41.02 ug/ml m



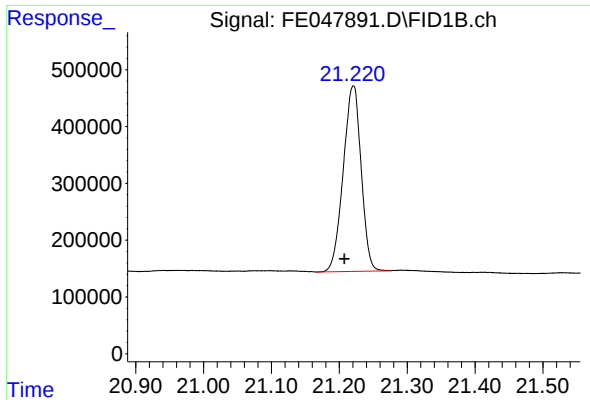
#19 n-Tetratriacontane (C34)

R.T.: 19.739 min
Delta R.T.: 0.011 min
Response: 5845861
Conc: 42.91 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.477 min
Delta R.T.: 0.009 min
Response: 5926512
Conc: 43.77 ug/ml



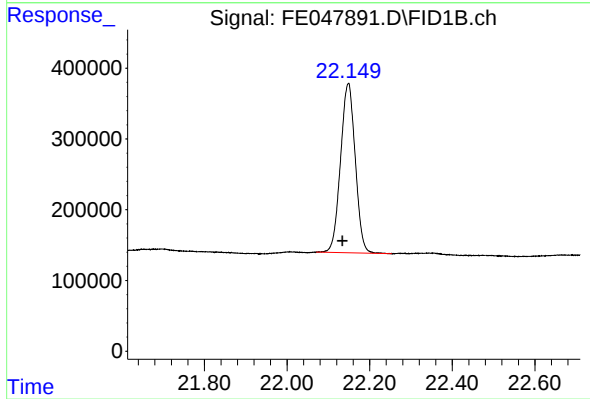
#21 n-Octatriacontane (C38)

R.T.: 21.220 min
Delta R.T.: 0.013 min
Response: 5987971
Conc: 43.37 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.149 min
Delta R.T.: 0.015 min
Response: 5928183
Conc: 42.55 ug/ml