

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100523AL\
 Data File : FE044616.D
 Signal(s) : FID1B.ch
 Acq On : 05 Oct 2023 15:32
 Operator : YP\AJ
 Sample : PB156139BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB156139BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/06/2023

Supervised By :Ankita Jodhani 10/06/2023

Integration File: autoint1.e

Quant Time: Oct 05 23:56:17 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092523.M

Quant Title : GC Extractables

QLast Update : Mon Sep 25 11:06:21 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)	11.928	8684565	46.259 ug/ml
Spiked Amount 50.000		Recovery =	92.52%
12) S 1-chlorooctadecane (S...	13.368	6849644	50.349 ug/ml
Spiked Amount 50.000		Recovery =	100.70%
Target Compounds			
1) T n-Nonane (C9)	3.317	7288029	44.890 ug/ml
2) T n-Decane (C10)	4.564	7939448	47.946 ug/ml
3) T A~Naphthalene (C11.7)	6.260	8529652	47.709 ug/ml
4) T n-Dodecane (C12)	6.723	8430209	50.683 ug/ml
5) T A~2-methylnaphthalene...	7.356	8416480	49.194 ug/ml
6) T n-Tetradecane (C14)	8.553	8454916	51.502 ug/ml
7) T n-Hexadecane (C16)	10.163	8525702	50.327 ug/ml
8) T n-Octadecane (C18)	11.611	8499508	50.059 ug/ml
10) T n-Eicosane (C20)	12.924	8465662	52.618 ug/ml
11) T n-Heneicosane (C21)	13.538	8081820	51.613 ug/ml
13) T n-Docosane (C22)	14.125	7950626	51.550 ug/ml
14) T n-Tetracosane (C24)	15.214	15031529	99.437 ug/mlm
15) T n-Hexacosane (C26)	16.257	7459707	50.713 ug/ml
16) T n-Octacosane (C28)	17.208	7458385	52.003 ug/ml
17) T n-Tricontane (C30)	18.101	7394143	49.882 ug/ml
18) T n-Dotriacontane (C32)	18.933	7298671	49.303 ug/ml
19) T n-Tetratriacontane (C34)	19.722	7349305	50.288 ug/ml
20) T n-Hexatriacontane (C36)	20.464	7213492	49.730 ug/ml
21) T n-Octatriacontane (C38)	21.214	7534078	50.298 ug/ml
22) T n-Tetracontane (C40)	22.151	7808286	49.479 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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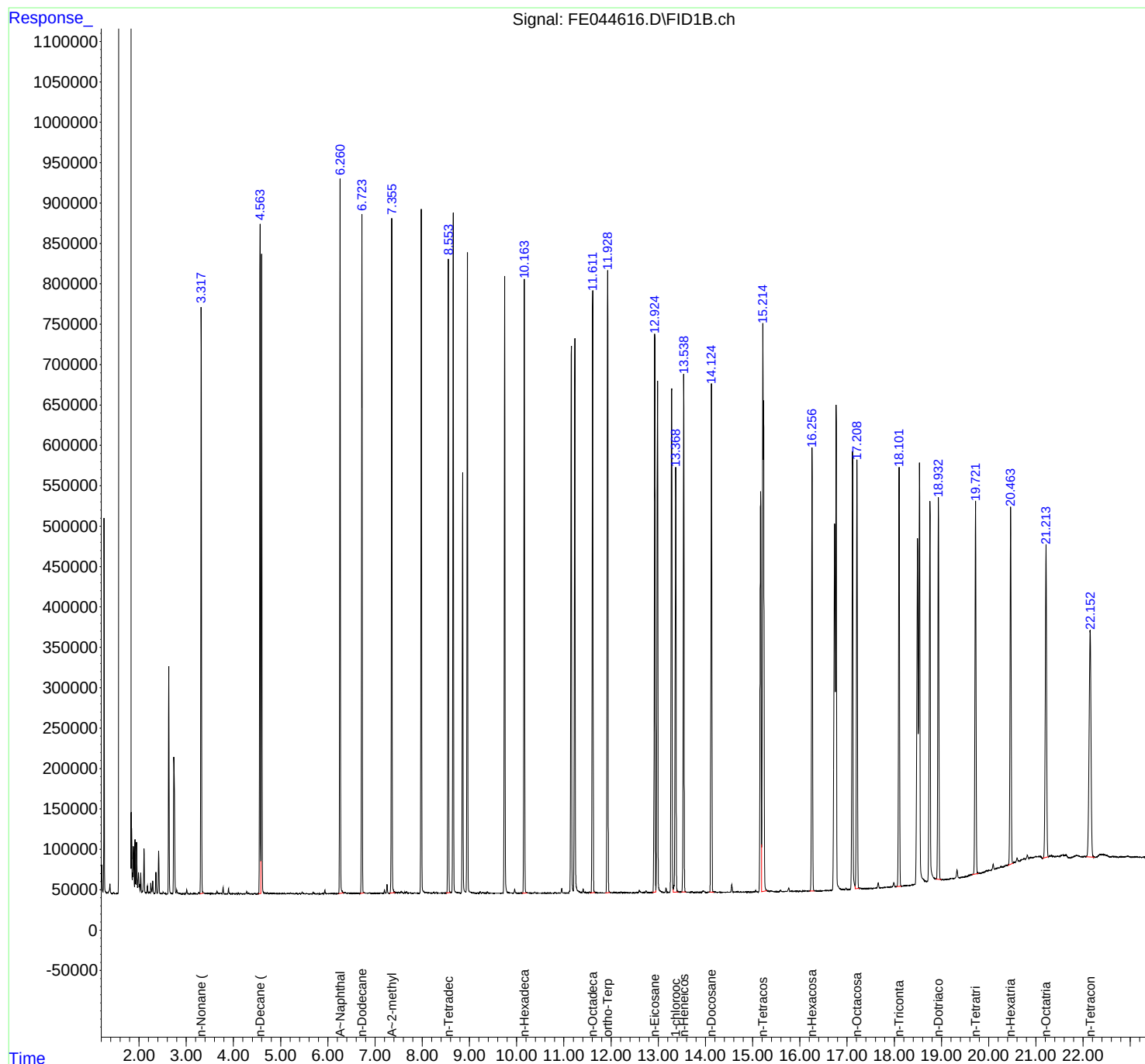
Response via : Initial Calibration

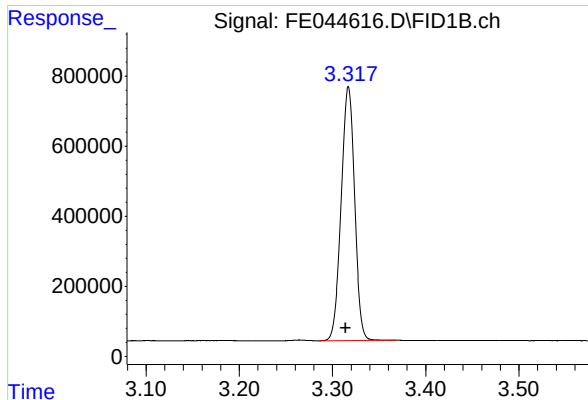
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.317 min
Delta R.T.: 0.003 min
Response: 7288029
Conc: 44.89 ug/ml

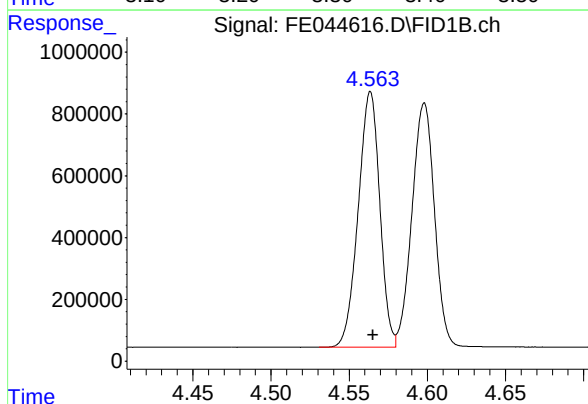
Instrument :

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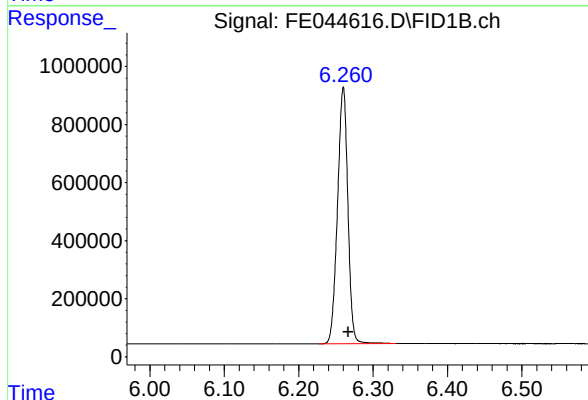
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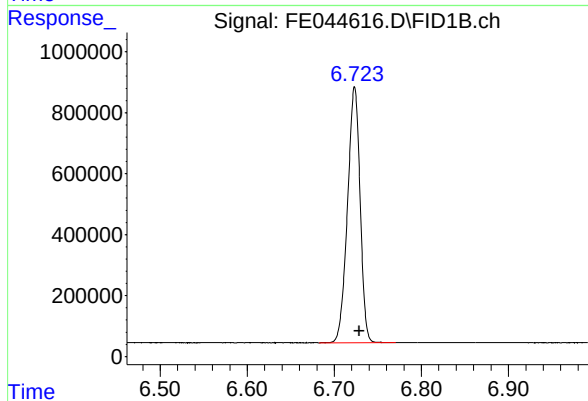
#2 n-Decane (C10)

R.T.: 4.564 min
Delta R.T.: -0.001 min
Response: 7939448
Conc: 47.95 ug/ml



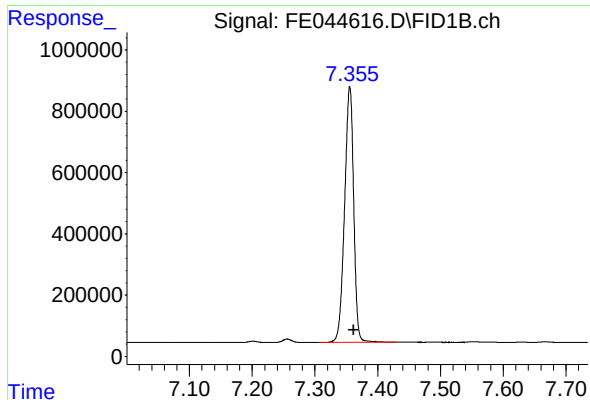
#3 A~Naphthalene (C11.7)

R.T.: 6.260 min
Delta R.T.: -0.007 min
Response: 8529652
Conc: 47.71 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.723 min
Delta R.T.: -0.006 min
Response: 8430209
Conc: 50.68 ug/ml



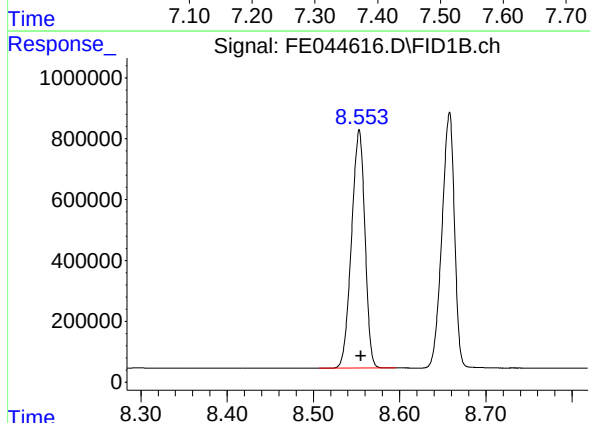
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.356 min
Delta R.T.: -0.006 min
Response: 8416480
Conc: 49.19 ug/ml

Instrument :
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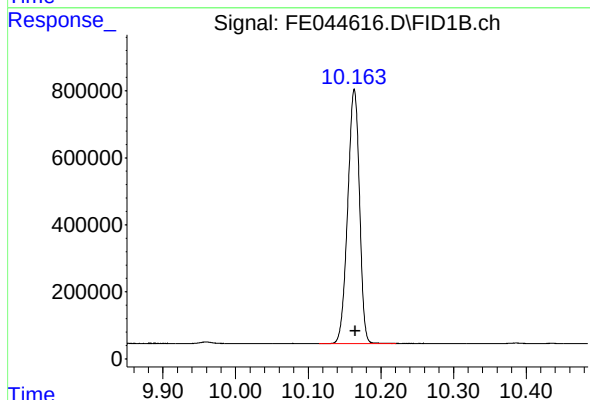
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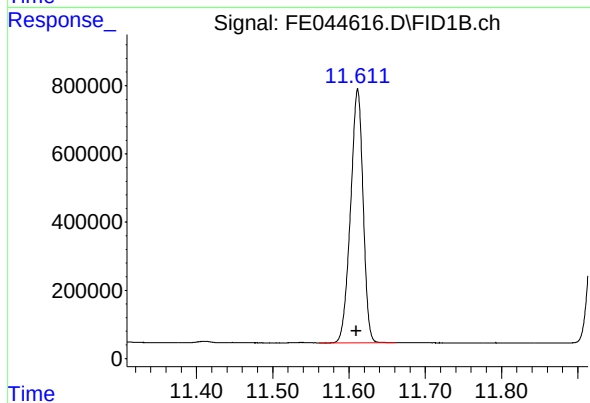
#6 n-Tetradecane (C14)

R.T.: 8.553 min
Delta R.T.: -0.002 min
Response: 8454916
Conc: 51.50 ug/ml



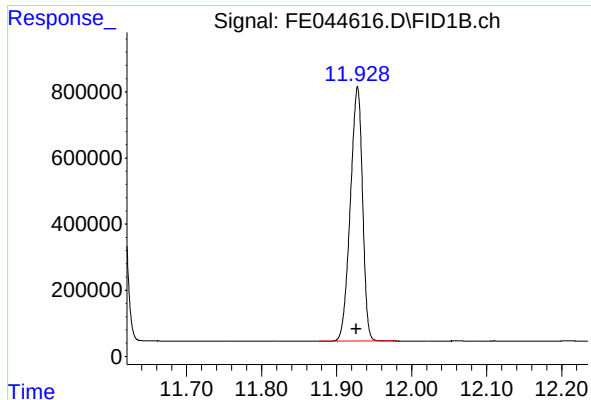
#7 n-Hexadecane (C16)

R.T.: 10.163 min
Delta R.T.: -0.001 min
Response: 8525702
Conc: 50.33 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.611 min
Delta R.T.: 0.002 min
Response: 8499508
Conc: 50.06 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.928 min
Delta R.T.: 0.002 min
Response: 8684565
Conc: 46.26 ug/ml

Instrument :

FID_E

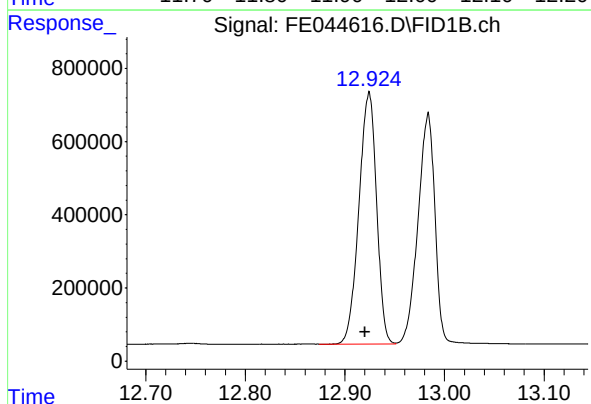
ClientSampleId :

PB156139BS

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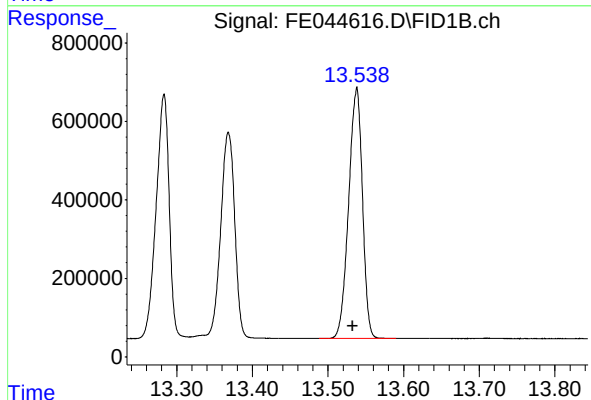
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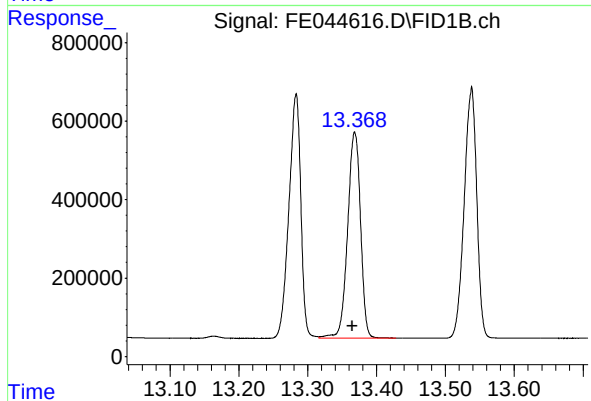
#10 n-Eicosane (C20)

R.T.: 12.924 min
Delta R.T.: 0.004 min
Response: 8465662
Conc: 52.62 ug/ml



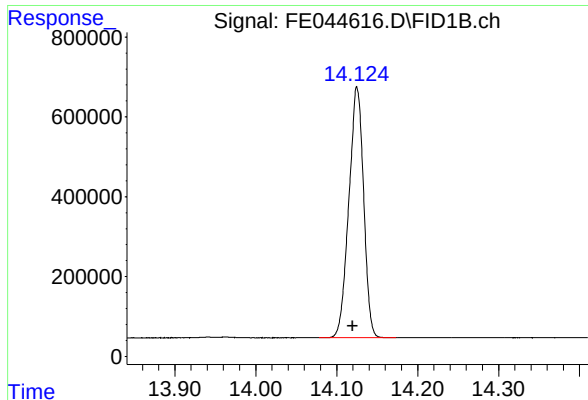
#11 n-Heneicosane (C21)

R.T.: 13.538 min
Delta R.T.: 0.006 min
Response: 8081820
Conc: 51.61 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.368 min
Delta R.T.: 0.003 min
Response: 6849644
Conc: 50.35 ug/ml



#13 n-Docosane (C22)

R.T.: 14.125 min
Delta R.T.: 0.005 min
Response: 7950626
Conc: 51.55 ug/ml

Instrument :

FID_E

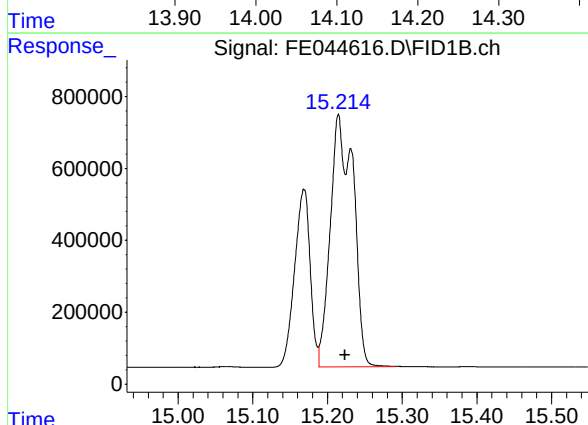
ClientSampleId :

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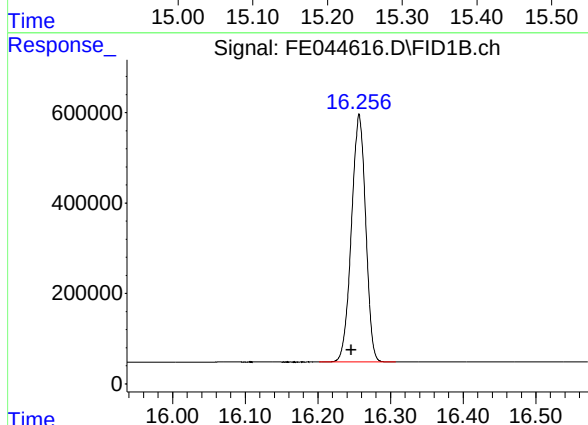
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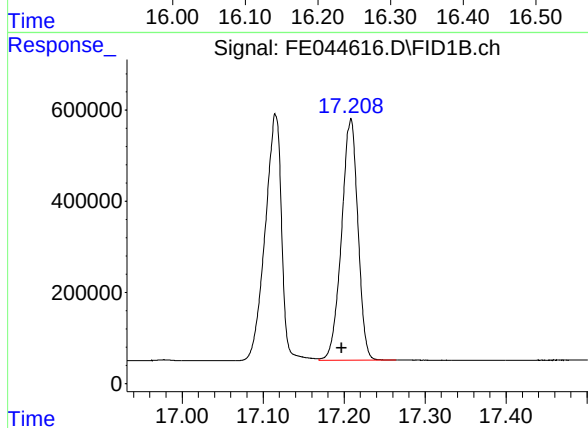
#14 n-Tetracosane (C24)

R.T.: 15.214 min
Delta R.T.: -0.009 min
Response: 15031529
Conc: 99.44 ug/ml m



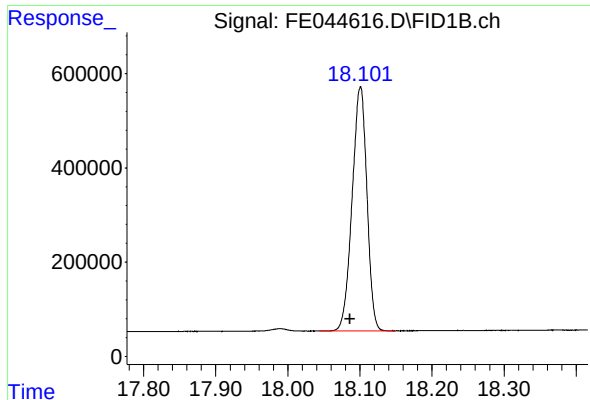
#15 n-Hexacosane (C26)

R.T.: 16.257 min
Delta R.T.: 0.011 min
Response: 7459707
Conc: 50.71 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.208 min
Delta R.T.: 0.011 min
Response: 7458385
Conc: 52.00 ug/ml



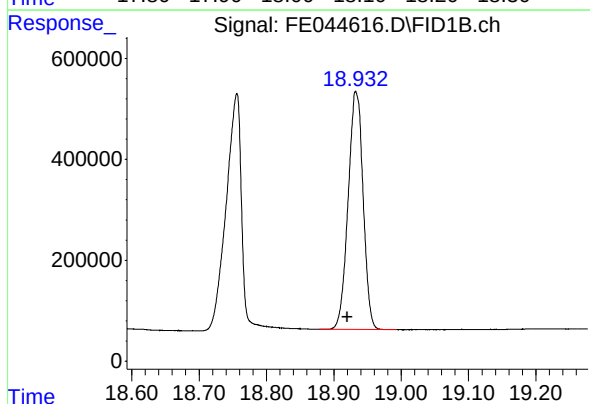
#17 n-Tricontane (C30)

R.T.: 18.101 min
Delta R.T.: 0.015 min
Response: 7394143
Conc: 49.88 ug/ml

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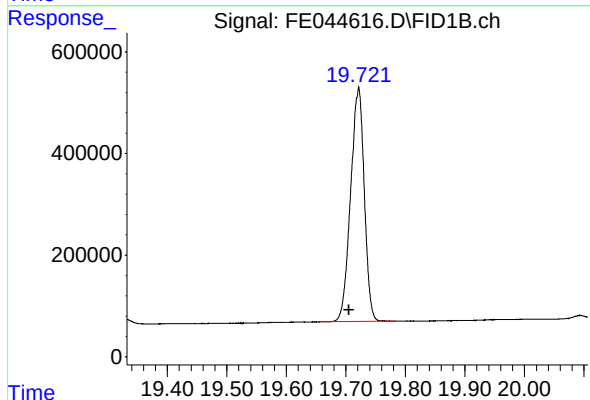
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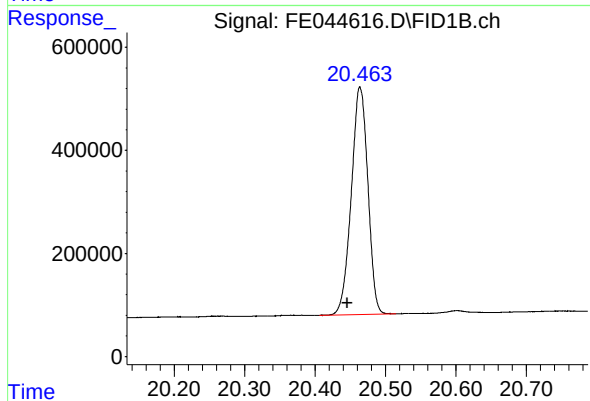
#18 n-Dotriacontane (C32)

R.T.: 18.933 min
Delta R.T.: 0.013 min
Response: 7298671
Conc: 49.30 ug/ml



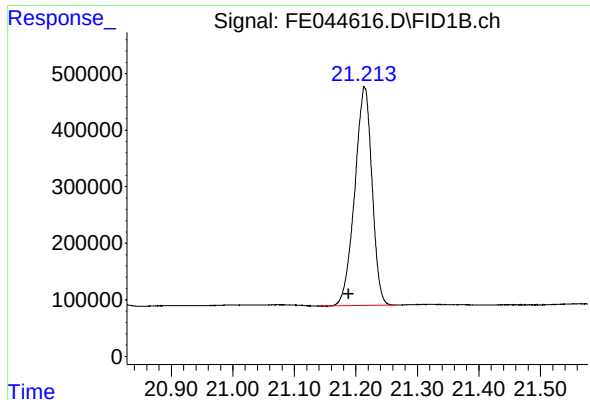
#19 n-Tetratriacontane (C34)

R.T.: 19.722 min
Delta R.T.: 0.017 min
Response: 7349305
Conc: 50.29 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.464 min
Delta R.T.: 0.018 min
Response: 7213492
Conc: 49.73 ug/ml



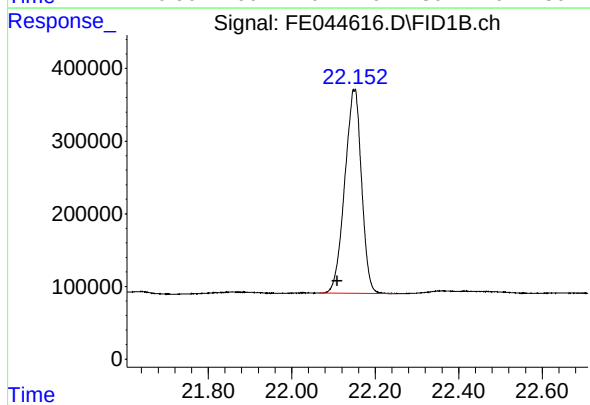
#21 n-Octatriacontane (C38)

R.T.: 21.214 min
Delta R.T.: 0.026 min
Response: 7534078
Conc: 50.30 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.151 min
Delta R.T.: 0.042 min
Response: 7808286
Conc: 49.48 ug/ml