

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121222AL\
 Data File : FE039266.D
 Signal(s) : FID1B.ch
 Acq On : 13 Dec 2022 02:59
 Operator : YP\AJ
 Sample : N5994-03MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

AOC6-B2-E10AMSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 12/13/2022

Supervised By :Ankita Jodhani 12/13/2022

Integration File: autoint1.e

Quant Time: Dec 13 04:44:54 2022

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 111922.M

Quant Title : GC Extractables

QLast Update : Sat Nov 19 05:37:37 2022

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)	11.939	5931891	37.918 ug/ml
Spiked Amount 50.000		Recovery =	75.84%
12) S 1-chlorooctadecane (S...	13.373	4493399	37.216 ug/ml
Spiked Amount 50.000		Recovery =	74.43%
Target Compounds			
1) T n-Nonane (C9)	3.360	7143653	50.397 ug/ml
2) T n-Decane (C10)	4.597	7462375	53.541 ug/ml
3) T A~Naphthalene (C11.7)	6.290	8916833	56.062 ug/ml
4) T n-Dodecane (C12)	6.749	7785287	55.231 ug/ml
5) T A~2-methylnaphthalene...	7.383	8446466	56.435 ug/ml
6) T n-Tetradecane (C14)	8.575	7743902	54.221 ug/ml
7) T n-Hexadecane (C16)	10.181	7983170	54.600 ug/ml
8) T n-Octadecane (C18)	11.623	8121476	55.192 ug/ml
10) T n-Eicosane (C20)	12.931	7811883	55.028 ug/ml
11) T n-Heneicosane (C21)	13.542	7723572	54.353 ug/mlm
13) T n-Docosane (C22)	14.129	7646247	54.699 ug/ml
14) T n-Tetracosane (C24)	15.230	3861424	27.960 ug/mlm
15) T n-Hexacosane (C26)	16.253	7235536	53.870 ug/ml
16) T n-Octacosane (C28)	17.200	7148521	53.830 ug/ml
17) T n-Tricontane (C30)	18.090	6675026	50.545 ug/ml
18) T n-Dotriacontane (C32)	18.921	6702231	50.254 ug/ml
19) T n-Tetratriacontane (C34)	19.706	6311537	47.698 ug/ml
20) T n-Hexatriacontane (C36)	20.444	5826168	45.350 ug/ml
21) T n-Octatriacontane (C38)	21.184	5748968	43.873 ug/ml
22) T n-Tetracontane (C40)	22.101	5641763	41.432 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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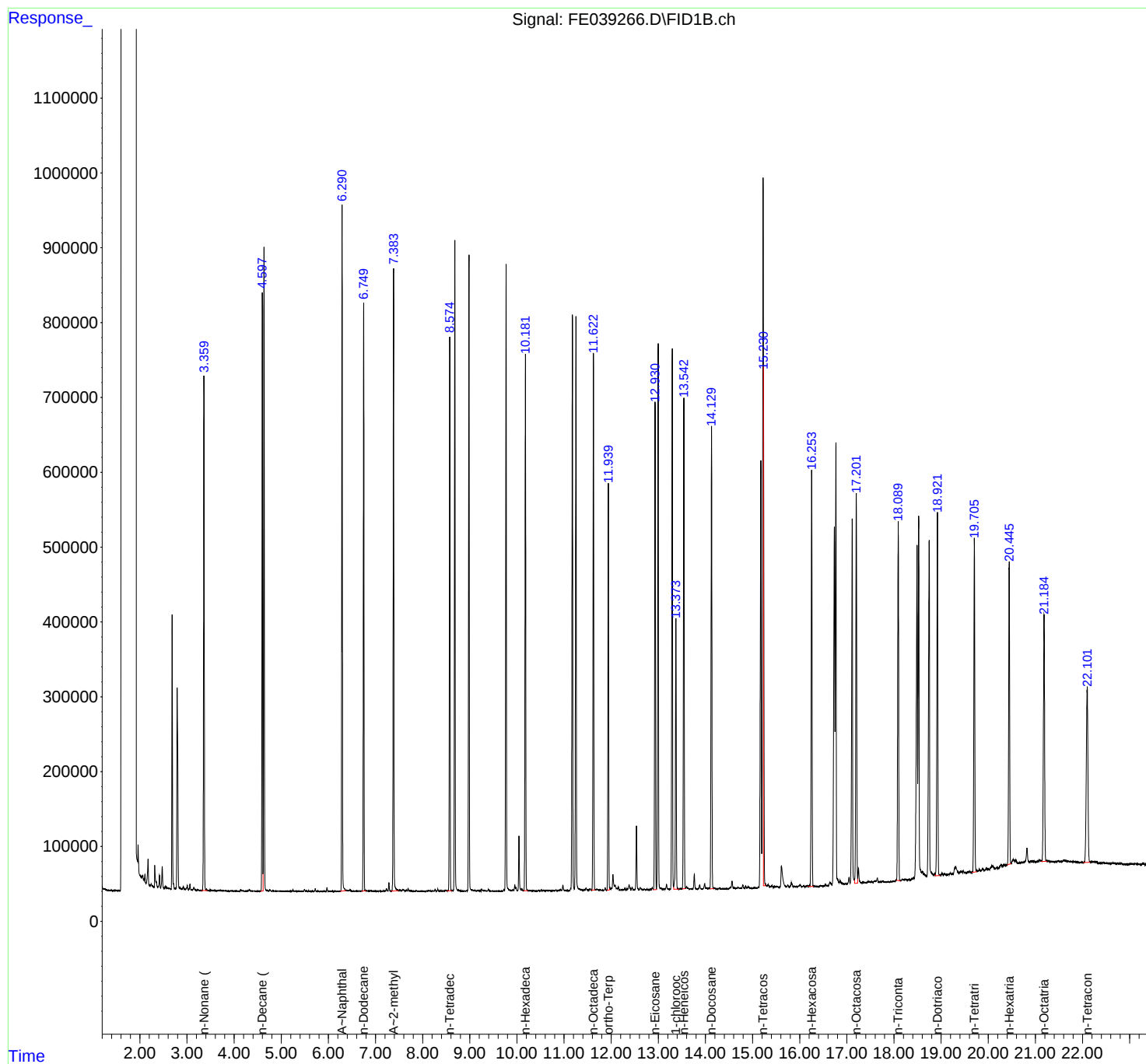
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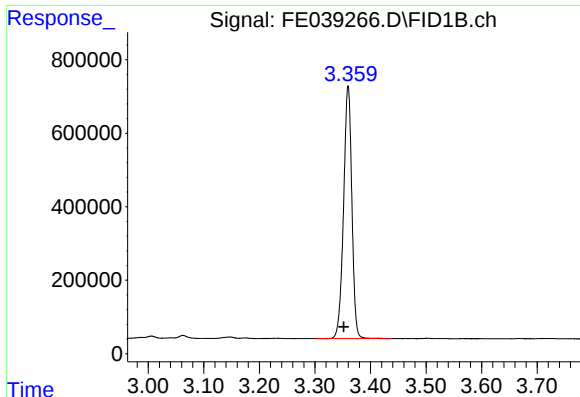
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.360 min
Delta R.T.: 0.008 min
Response: 7143653
Conc: 50.40 ug/ml

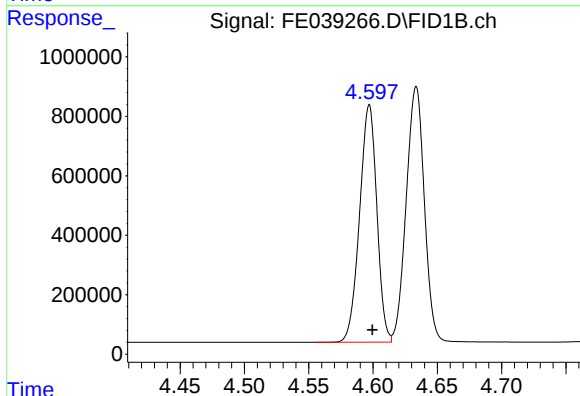
Instrument :

FID_E

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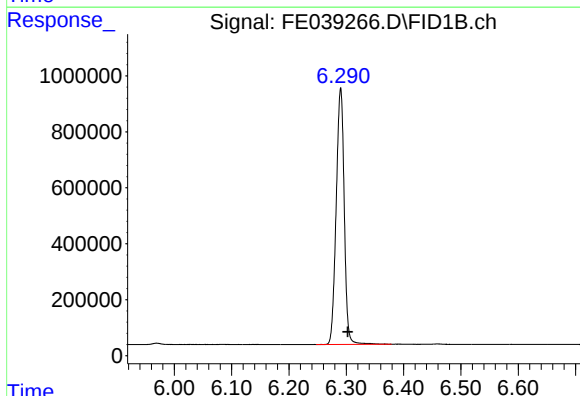
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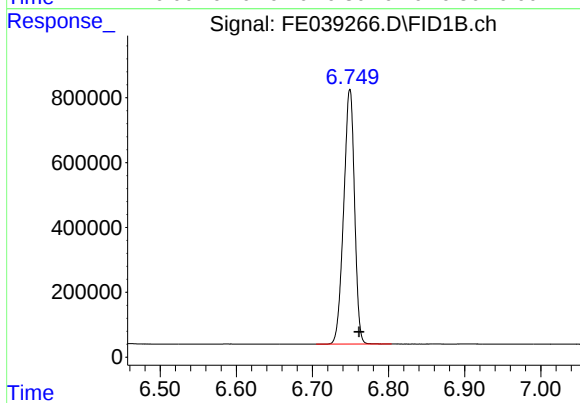
#2 n-Decane (C10)

R.T.: 4.597 min
Delta R.T.: -0.002 min
Response: 7462375
Conc: 53.54 ug/ml



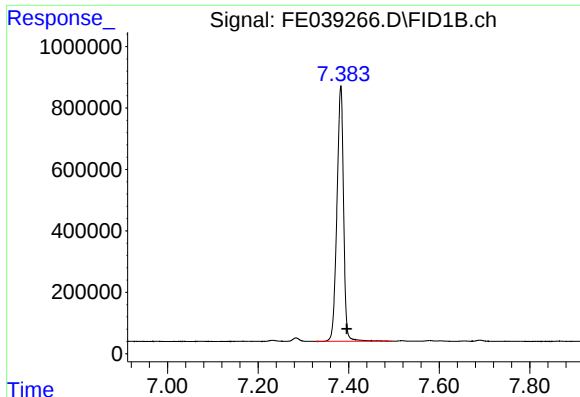
#3 A~Naphthalene (C11.7)

R.T.: 6.290 min
Delta R.T.: -0.012 min
Response: 8916833
Conc: 56.06 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.749 min
Delta R.T.: -0.012 min
Response: 7785287
Conc: 55.23 ug/ml



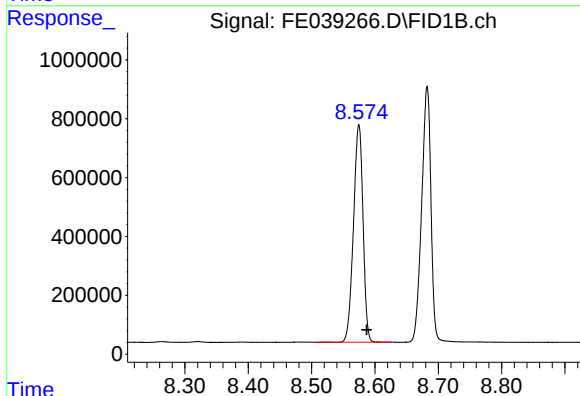
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.383 min
Delta R.T.: -0.013 min
Response: 8446466
Conc: 56.44 ug/ml

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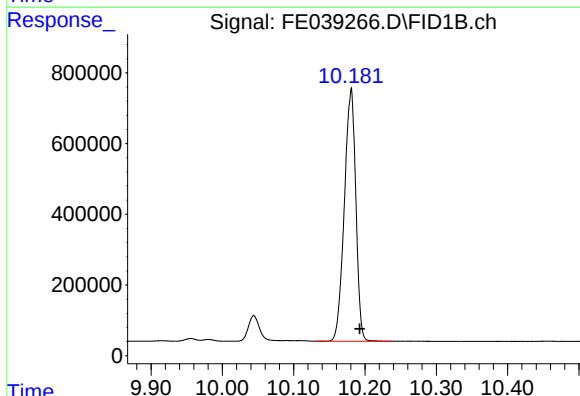
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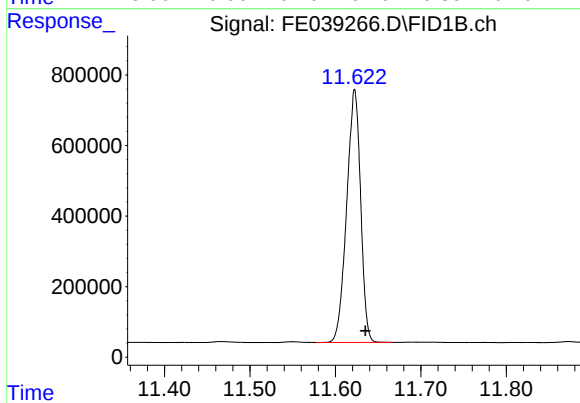
#6 n-Tetradecane (C14)

R.T.: 8.575 min
Delta R.T.: -0.012 min
Response: 7743902
Conc: 54.22 ug/ml



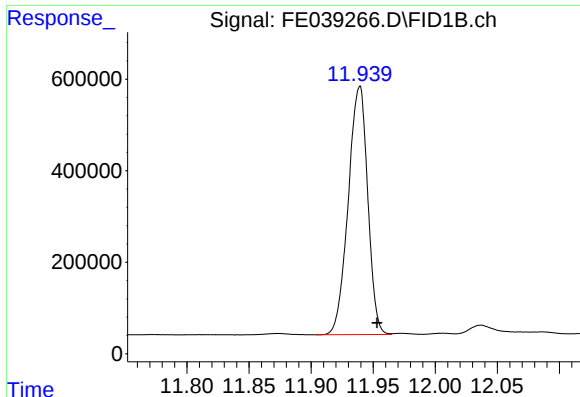
#7 n-Hexadecane (C16)

R.T.: 10.181 min
Delta R.T.: -0.012 min
Response: 7983170
Conc: 54.60 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.623 min
Delta R.T.: -0.012 min
Response: 8121476
Conc: 55.19 ug/ml



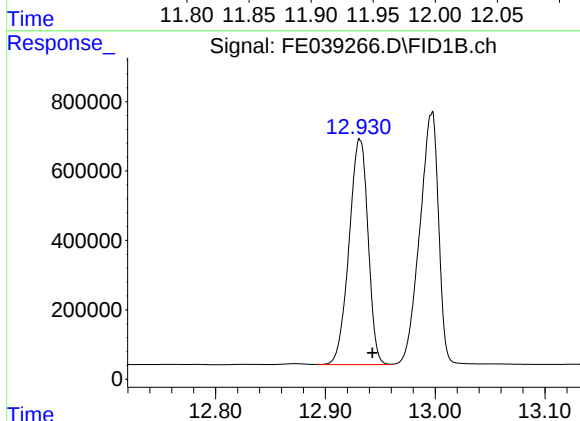
#9 ortho-Terphenyl (SURR)

R.T.: 11.939 min
Delta R.T.: -0.014 min
Response: 5931891
Conc: 37.92 ug/ml

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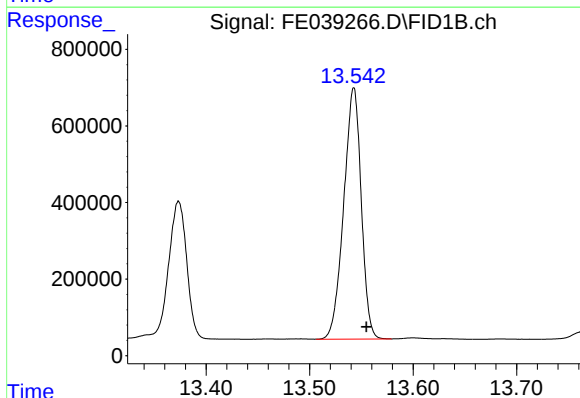
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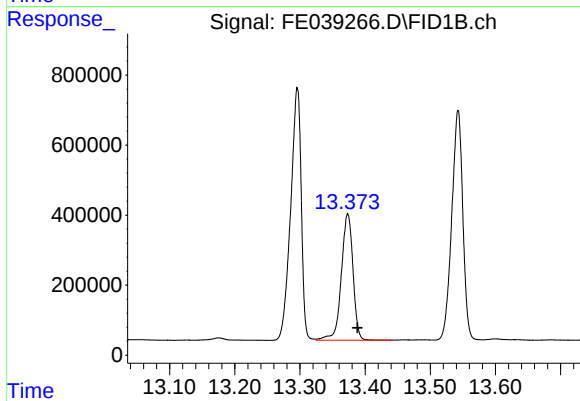
#10 n-Eicosane (C20)

R.T.: 12.931 min
Delta R.T.: -0.011 min
Response: 7811883
Conc: 55.03 ug/ml



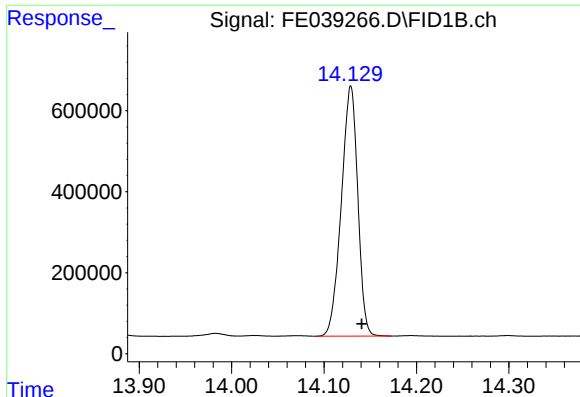
#11 n-Heneicosane (C21)

R.T.: 13.542 min
Delta R.T.: -0.013 min
Response: 7723572
Conc: 54.35 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.373 min
Delta R.T.: -0.015 min
Response: 4493399
Conc: 37.22 ug/ml



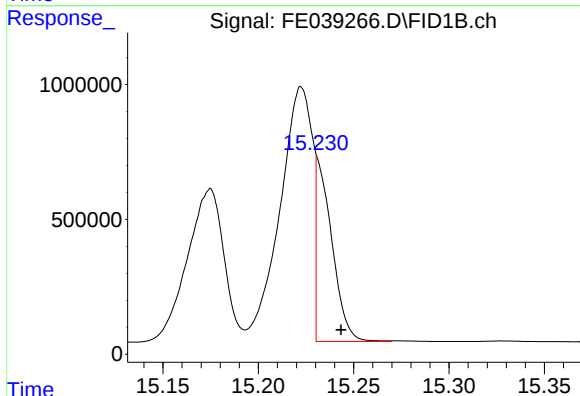
#13 n-Docosane (C22)

R.T.: 14.129 min
Delta R.T.: -0.012 min
Response: 7646247
Conc: 54.70 ug/ml

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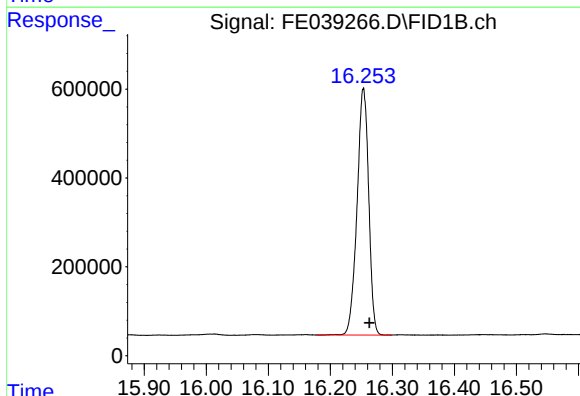
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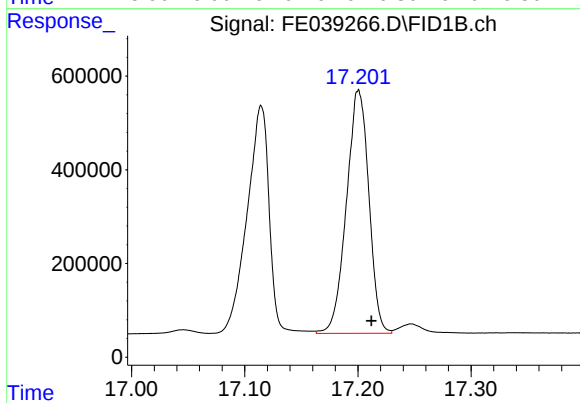
#14 n-Tetracosane (C24)

R.T.: 15.230 min
Delta R.T.: -0.013 min
Response: 3861424
Conc: 27.96 ug/ml m



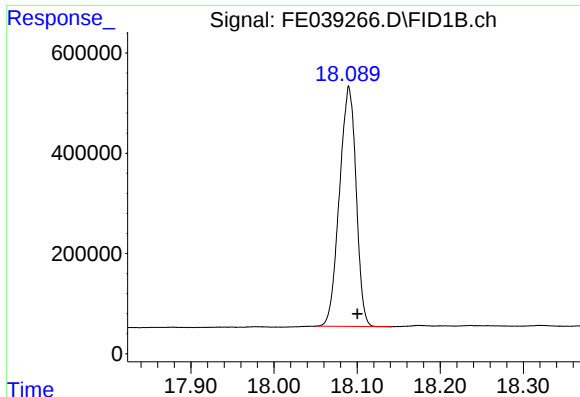
#15 n-Hexacosane (C26)

R.T.: 16.253 min
Delta R.T.: -0.010 min
Response: 7235536
Conc: 53.87 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.200 min
Delta R.T.: -0.011 min
Response: 7148521
Conc: 53.83 ug/ml



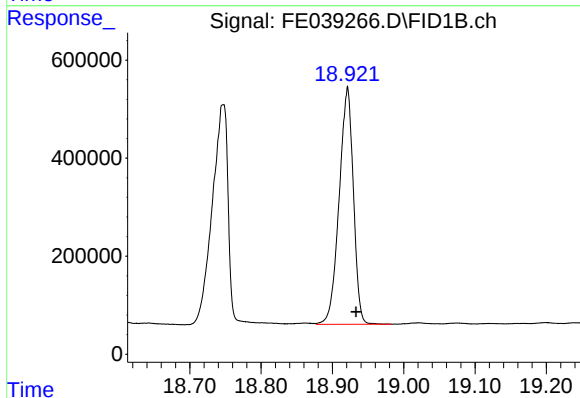
#17 n-Tricontane (C30)

R.T.: 18.090 min
Delta R.T.: -0.010 min
Response: 6675026
Conc: 50.55 ug/ml

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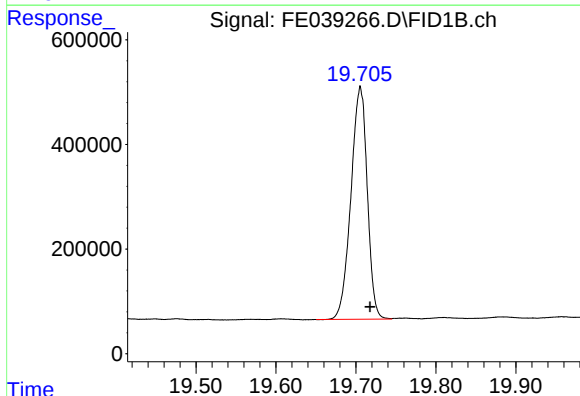
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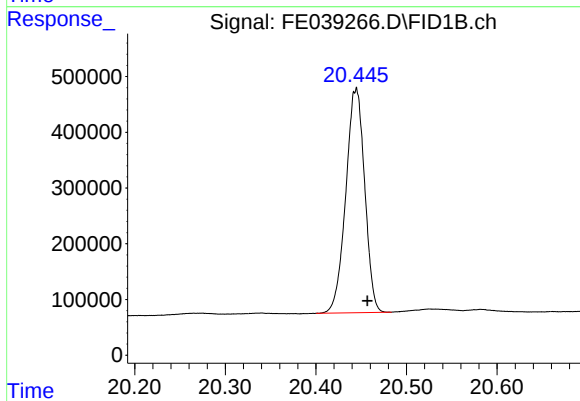
#18 n-Dotriacontane (C32)

R.T.: 18.921 min
Delta R.T.: -0.012 min
Response: 6702231
Conc: 50.25 ug/ml



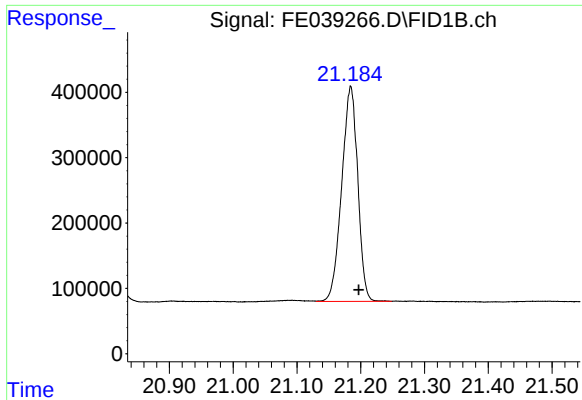
#19 n-Tetratriacontane (C34)

R.T.: 19.706 min
Delta R.T.: -0.012 min
Response: 6311537
Conc: 47.70 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.444 min
Delta R.T.: -0.012 min
Response: 5826168
Conc: 45.35 ug/ml



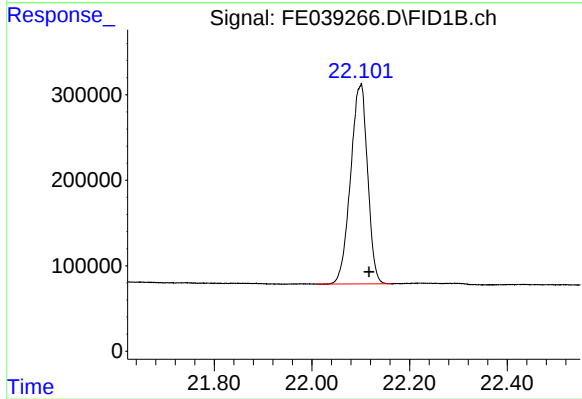
#21 n-Octatriacontane (C38)

R.T.: 21.184 min
Delta R.T.: -0.013 min
Response: 5748968
Conc: 43.87 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.101 min
Delta R.T.: -0.017 min
Response: 5641763
Conc: 41.43 ug/ml