

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121222AL\
 Data File : FE039265.D
 Signal(s) : FID1B.ch
 Acq On : 13 Dec 2022 02:29
 Operator : YP\AJ
 Sample : N5994-03MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 AOC6-B2-E10AMS

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 04:44:45 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)	11.940	5834291	37.294 ug/ml
Spiked Amount 50.000		Recovery =	74.59%
12) S 1-chlorooctadecane (S...	13.373	4406542	36.496 ug/ml
Spiked Amount 50.000		Recovery =	72.99%
Target Compounds			
1) T n-Nonane (C9)	3.360	7155561	50.481 ug/ml
2) T n-Decane (C10)	4.597	7465676	53.564 ug/ml
3) T A~Naphthalene (C11.7)	6.290	8872712	55.785 ug/ml
4) T n-Dodecane (C12)	6.750	7782469	55.211 ug/ml
5) T A~2-methylnaphthalene...	7.383	8390993	56.065 ug/ml
6) T n-Tetradecane (C14)	8.575	7727843	54.108 ug/ml
7) T n-Hexadecane (C16)	10.180	7938515	54.295 ug/ml
8) T n-Octadecane (C18)	11.623	8042378	54.655 ug/ml
10) T n-Eicosane (C20)	12.931	7684073	54.127 ug/ml
11) T n-Heneicosane (C21)	13.541	7603440	53.508 ug/mlm
13) T n-Docosane (C22)	14.128	7511253	53.733 ug/ml
14) T n-Tetracosane (C24)	15.230	3624247	26.243 ug/mlm
15) T n-Hexacosane (C26)	16.253	7082423	52.730 ug/ml
16) T n-Octacosane (C28)	17.200	6982454	52.579 ug/ml
17) T n-Tricontane (C30)	18.090	6548556	49.587 ug/ml
18) T n-Dotriacontane (C32)	18.921	6594333	49.445 ug/ml
19) T n-Tetratriacontane (C34)	19.704	6242673	47.177 ug/ml
20) T n-Hexatriacontane (C36)	20.442	5786433	45.041 ug/ml
21) T n-Octatriacontane (C38)	21.182	5671057	43.278 ug/mlm
22) T n-Tetracontane (C40)	22.096	5574489	40.938 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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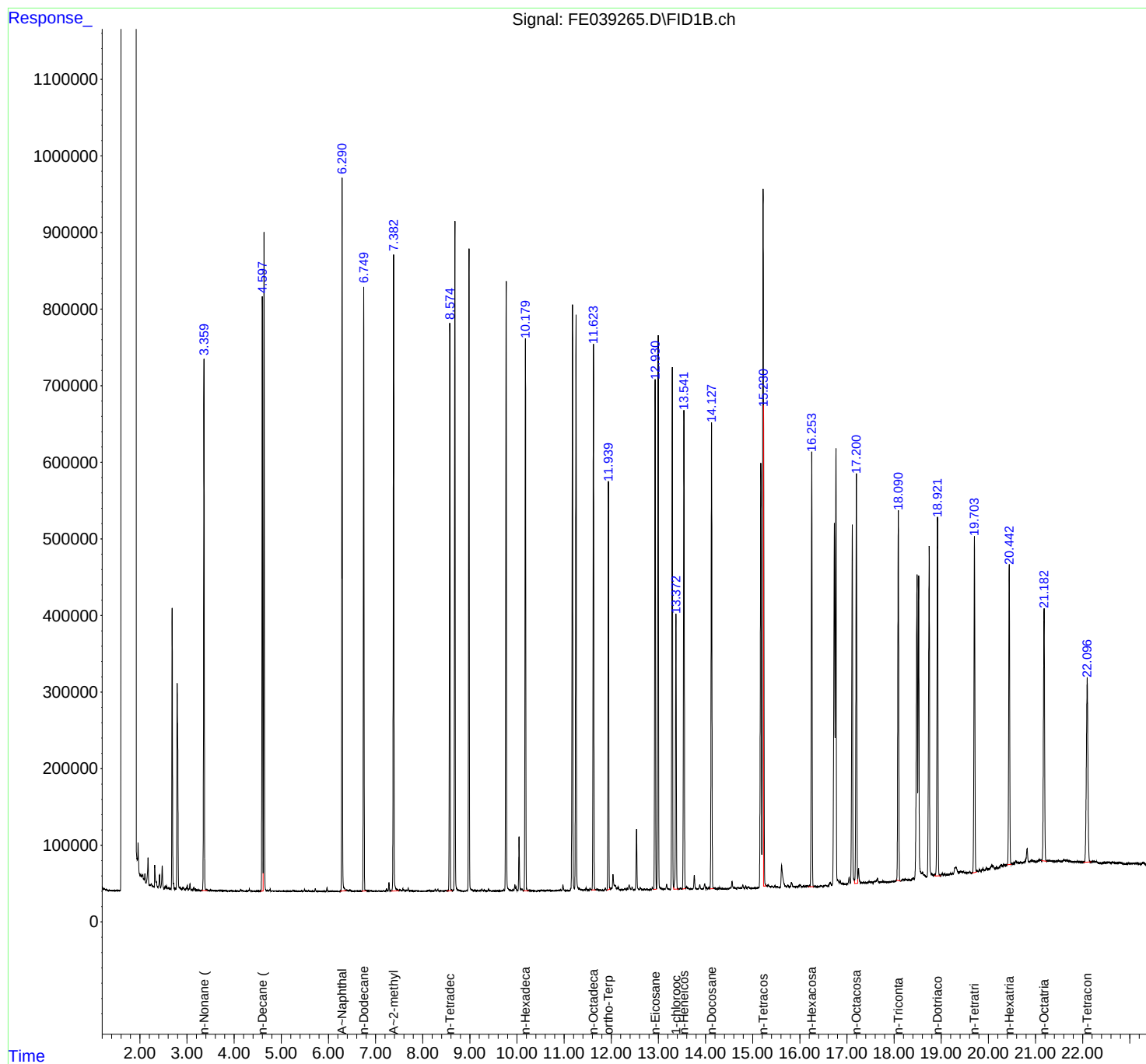
Instrument :
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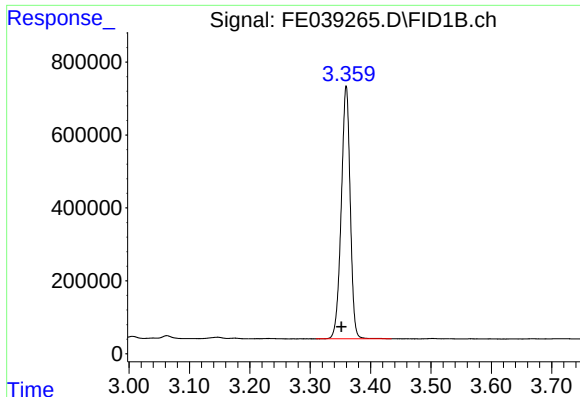
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#1 n-Nonane (C9)

R.T.: 3.360 min
Delta R.T.: 0.008 min
Response: 7155561
Conc: 50.48 ug/ml

Instrument :

FID_E

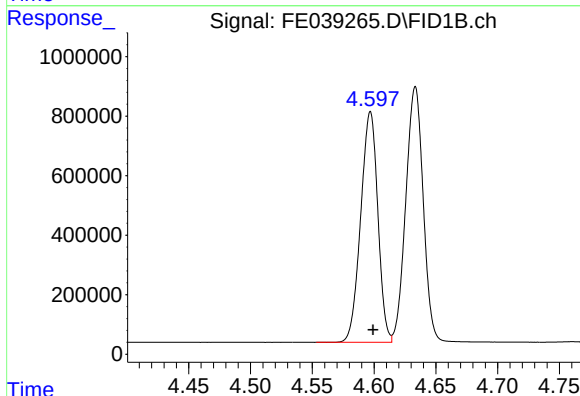
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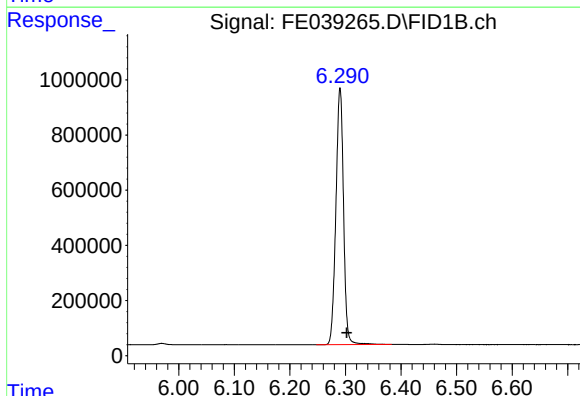
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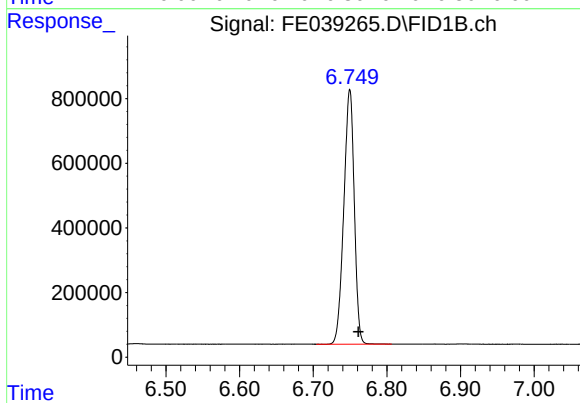
#2 n-Decane (C10)

R.T.: 4.597 min
Delta R.T.: -0.002 min
Response: 7465676
Conc: 53.56 ug/ml



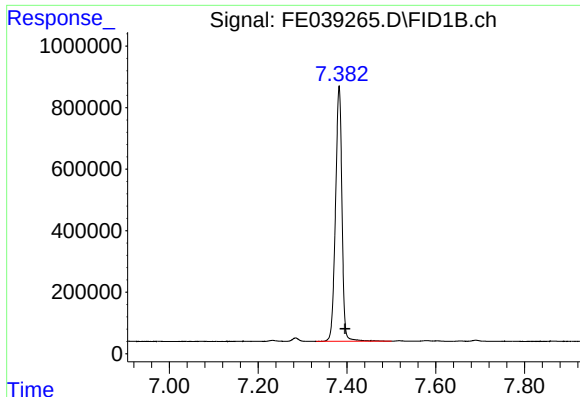
#3 A~Naphthalene (C11.7)

R.T.: 6.290 min
Delta R.T.: -0.012 min
Response: 8872712
Conc: 55.78 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.750 min
Delta R.T.: -0.012 min
Response: 7782469
Conc: 55.21 ug/ml



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

R.T.: 7.383 min
Delta R.T.: -0.013 min
Response: 8390993
Conc: 56.06 ug/ml

Instrument :

FID_E

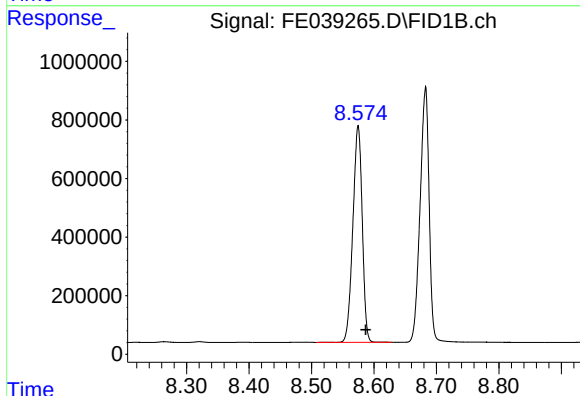
ClientSampleId :

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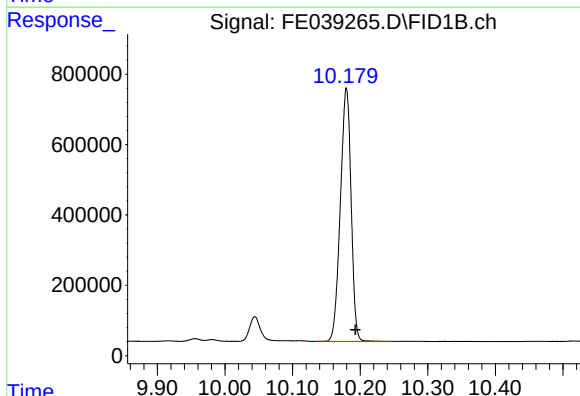
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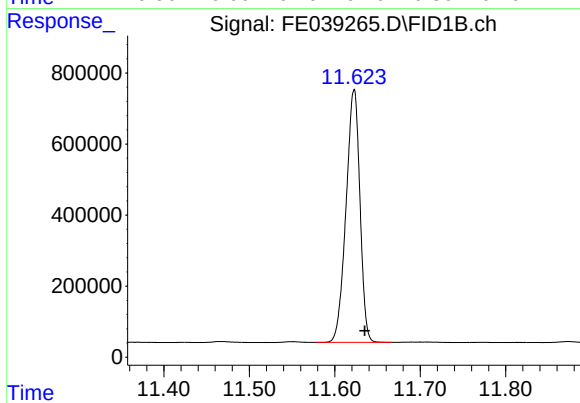
#6 n-Tetradecane (C14)

R.T.: 8.575 min
Delta R.T.: -0.012 min
Response: 7727843
Conc: 54.11 ug/ml



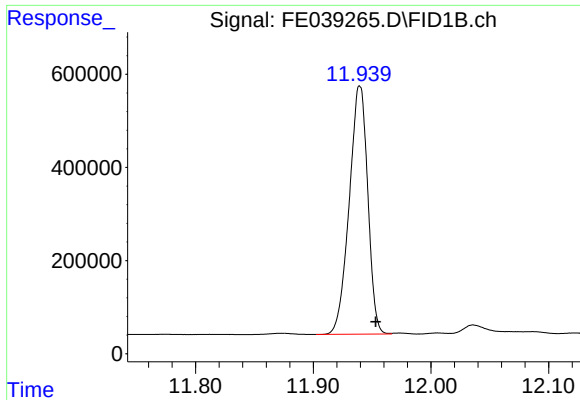
#7 n-Hexadecane (C16)

R.T.: 10.180 min
Delta R.T.: -0.013 min
Response: 7938515
Conc: 54.29 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.623 min
Delta R.T.: -0.012 min
Response: 8042378
Conc: 54.65 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.940 min
Delta R.T.: -0.014 min
Response: 5834291
Conc: 37.29 ug/ml

Instrument :

FID_E

ClientSampleId :

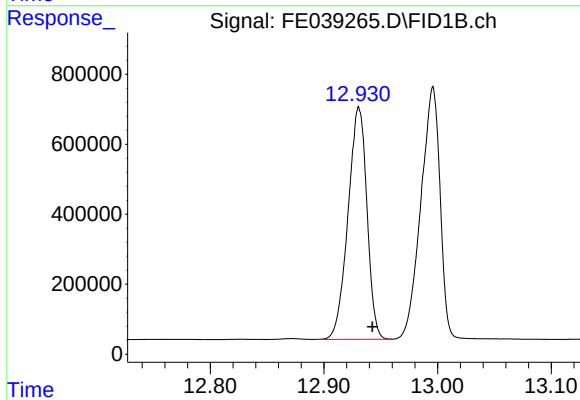
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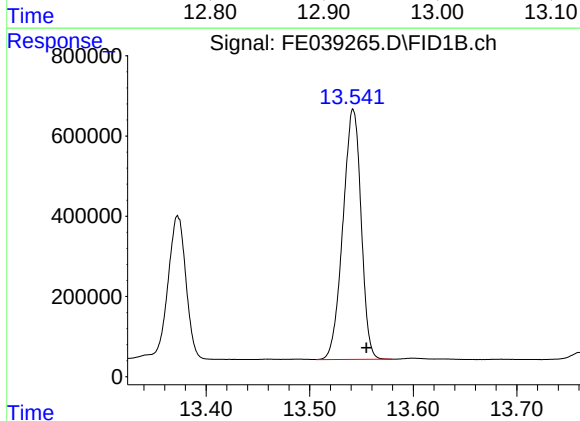
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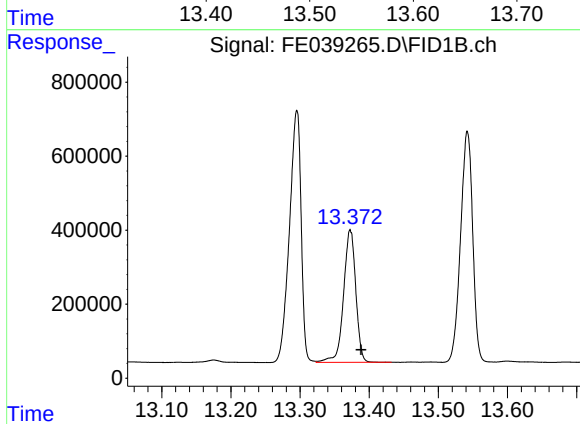
#10 n-Eicosane (C20)

R.T.: 12.931 min
Delta R.T.: -0.012 min
Response: 7684073
Conc: 54.13 ug/ml



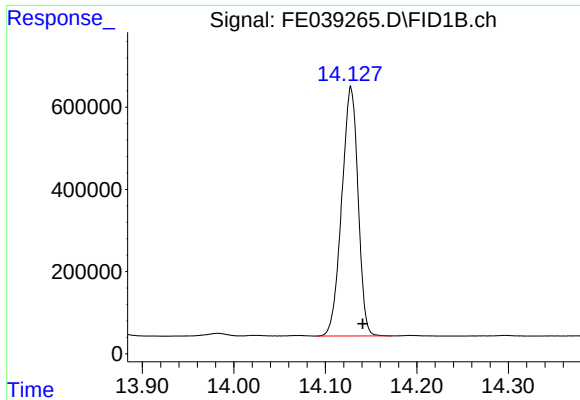
#11 n-Heneicosane (C21)

R.T.: 13.541 min
Delta R.T.: -0.014 min
Response: 7603440
Conc: 53.51 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.373 min
Delta R.T.: -0.015 min
Response: 4406542
Conc: 36.50 ug/ml



#13 n-Docosane (C22)

R.T.: 14.128 min
Delta R.T.: -0.013 min
Response: 7511253
Conc: 53.73 ug/ml

Instrument :

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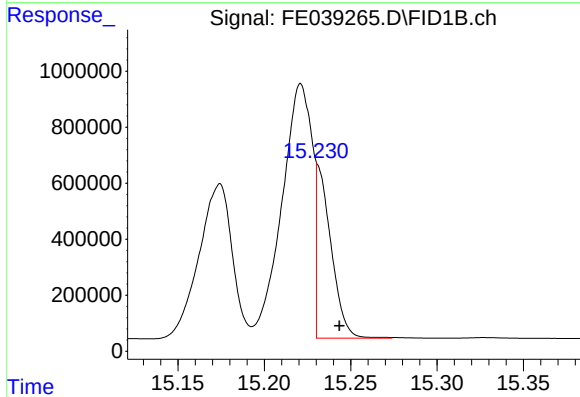
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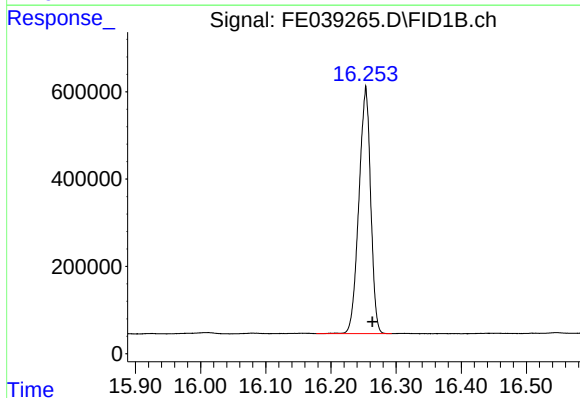
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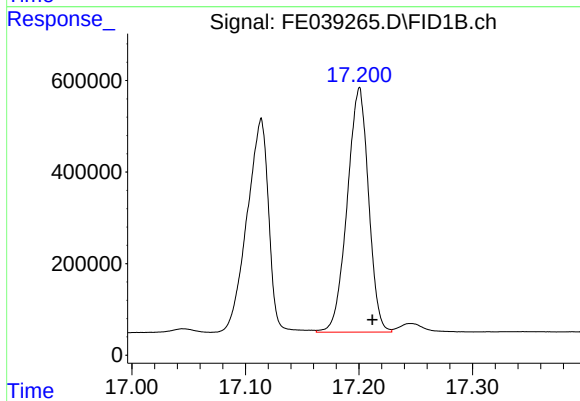
#14 n-Tetracosane (C24)

R.T.: 15.230 min
Delta R.T.: -0.013 min
Response: 3624247
Conc: 26.24 ug/ml m



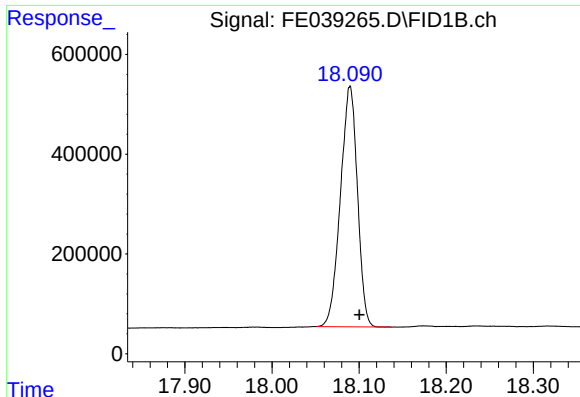
#15 n-Hexacosane (C26)

R.T.: 16.253 min
Delta R.T.: -0.010 min
Response: 7082423
Conc: 52.73 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.200 min
Delta R.T.: -0.012 min
Response: 6982454
Conc: 52.58 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.090 min
Delta R.T.: -0.011 min
Response: 6548556
Conc: 49.59 ug/ml

Instrument :

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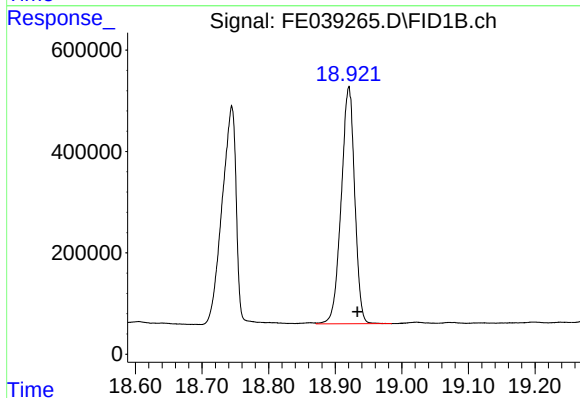
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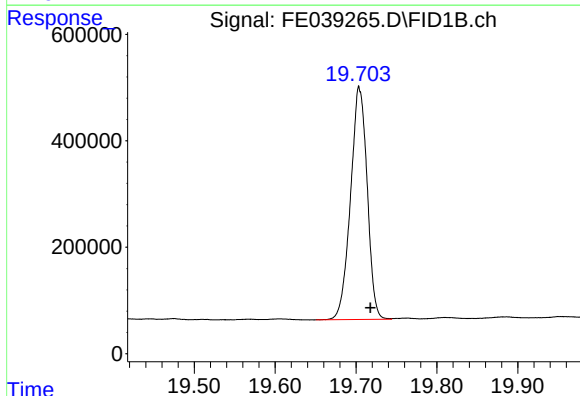
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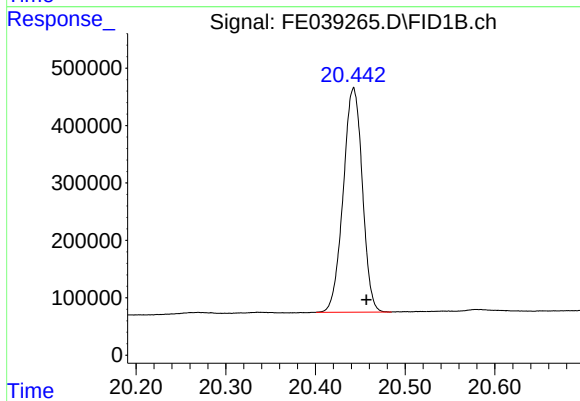
#18 n-Dotriacontane (C32)

R.T.: 18.921 min
Delta R.T.: -0.013 min
Response: 6594333
Conc: 49.45 ug/ml



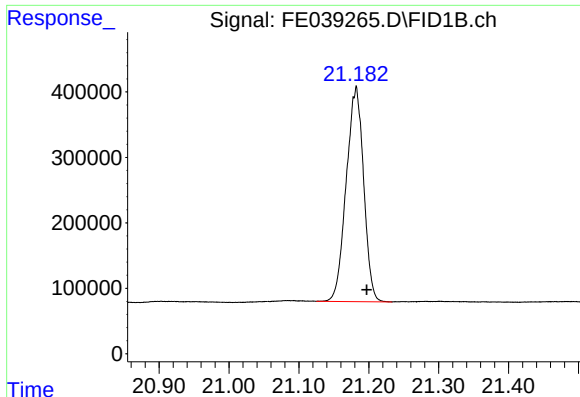
#19 n-Tetratriacontane (C34)

R.T.: 19.704 min
Delta R.T.: -0.014 min
Response: 6242673
Conc: 47.18 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.442 min
Delta R.T.: -0.014 min
Response: 5786433
Conc: 45.04 ug/ml



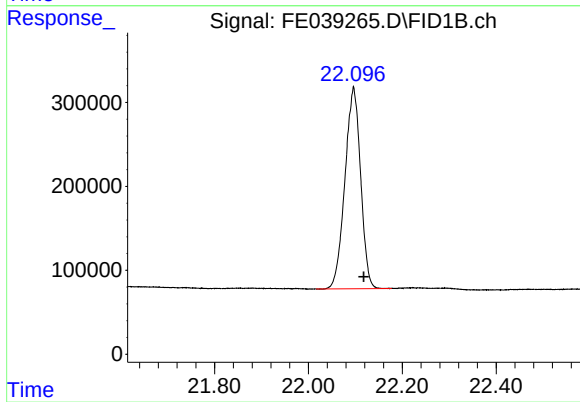
#21 n-Octatriacontane (C38)

R.T.: 21.182 min
Delta R.T.: -0.015 min
Response: 5671057
Conc: 43.28 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.096 min
Delta R.T.: -0.021 min
Response: 5574489
Conc: 40.94 ug/ml