

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010722AL\
 Data File : FE034669.D
 Signal(s) : FID1B.CH
 Acq On : 07 Jan 2022 19:44
 Operator : AJ\MA
 Sample : N1049-03MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 7211979MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/10/2022
 Supervised By :Ankita Jodhani 01/10/2022

Integration File: autoint1.e
 Quant Time: Jan 07 22:50:58 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 010622.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 07 12:52:40 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.094	4494392	32.487 ug/ml
Spiked Amount 50.000		Recovery =	64.97%
12) S 1-chlorooctadecane (S...	12.527	4185186	39.749 ug/ml
Spiked Amount 50.000		Recovery =	79.50%
Target Compounds			
1) T n-Nonane (C9)	2.938	4231730	36.294 ug/ml
2) T n-Decane (C10)	3.968	4827218	40.828 ug/ml
3) T A~Naphthalene (C11.7)	5.528	5730632	43.433 ug/ml
4) T n-Dodecane (C12)	5.962	5052047	42.440 ug/ml
5) T A~2-methylnaphthalene...	6.576	5646867	42.399 ug/ml
6) T n-Tetradecane (C14)	7.753	5614394	46.246 ug/ml
7) T n-Hexadecane (C16)	9.345	6076902	49.890 ug/ml
8) T n-Octadecane (C18)	10.783	6279105	50.357 ug/mlm
10) T n-Eicosane (C20)	12.088	6325925	51.293 ug/ml
11) T n-Heneicosane (C21)	12.697	6465606	51.946 ug/ml
13) T n-Docosane (C22)	13.280	6363509	51.614 ug/ml
14) T n-Tetracosane (C24)	14.378	6199611	50.382 ug/ml
15) T n-Hexacosane (C26)	15.397	6023092	50.548 ug/ml
16) T n-Octacosane (C28)	16.341	5699180	49.293 ug/ml
17) T n-Tricontane (C30)	17.226	5415303	49.608 ug/ml
18) T n-Dotriacontane (C32)	18.053	5282437	55.096 ug/ml
19) T n-Tetratriacontane (C34)	18.832	4931318	59.465 ug/ml
20) T n-Hexatriacontane (C36)	19.569	3678314	53.865 ug/ml
21) T n-Octatriacontane (C38)	20.277	4030443	69.923 ug/mlm
22) T n-Tetracontane (C40)	21.119	3517923	70.365 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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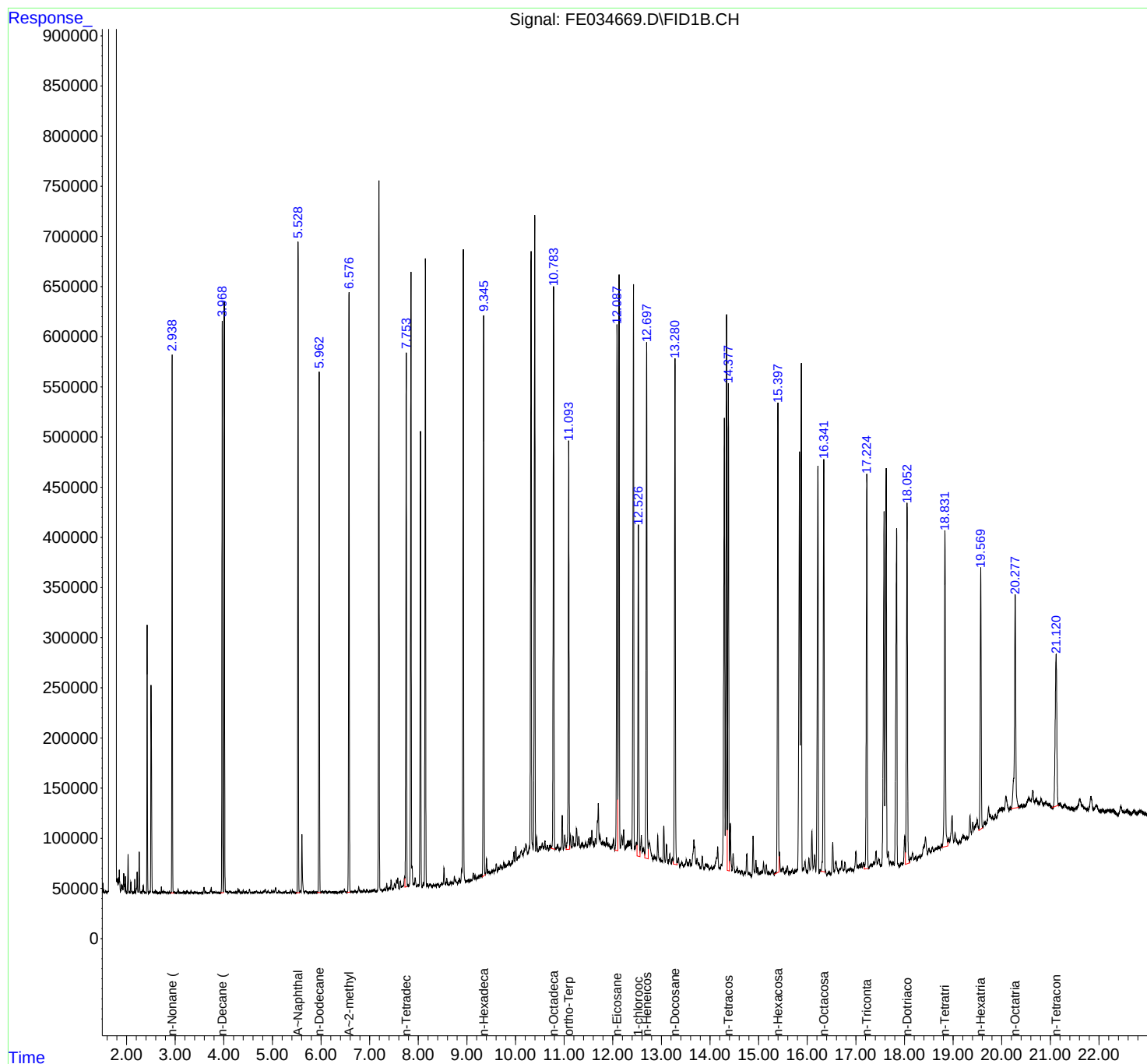
Instrument :
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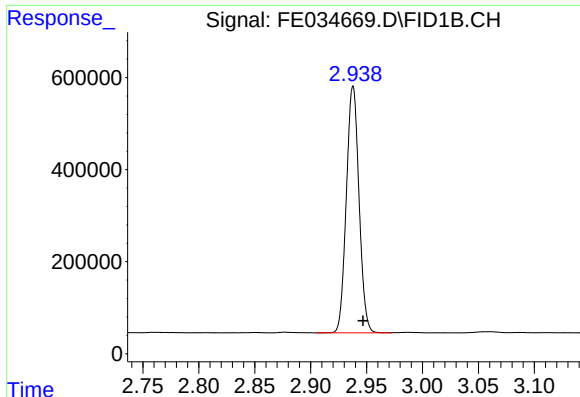
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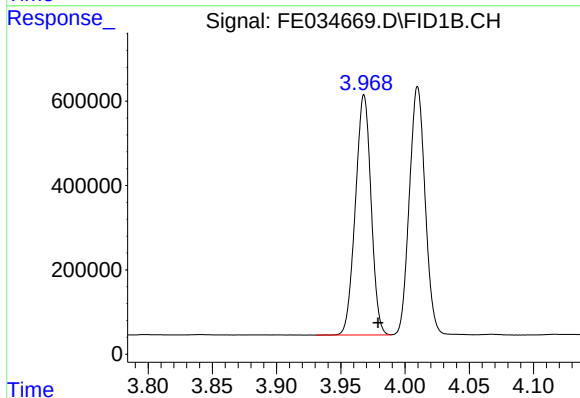
#1 n-Nonane (C9)

R.T.: 2.938 min
Delta R.T.: -0.009 min
Response: 4231730
Conc: 36.29 ug/ml

Instrument :
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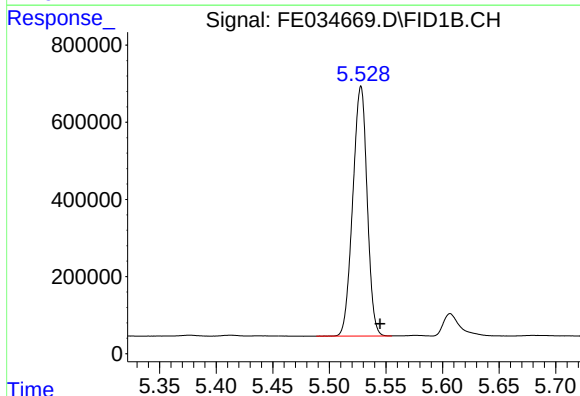
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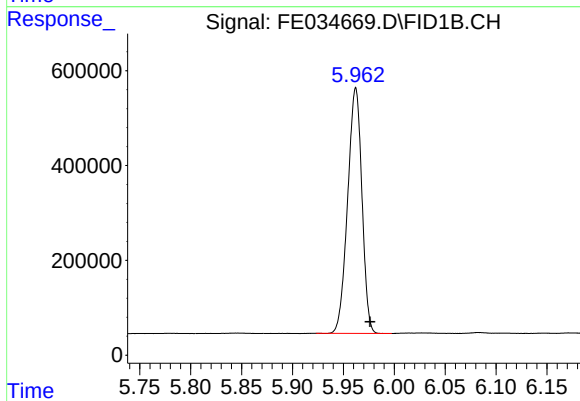
#2 n-Decane (C10)

R.T.: 3.968 min
Delta R.T.: -0.011 min
Response: 4827218
Conc: 40.83 ug/ml



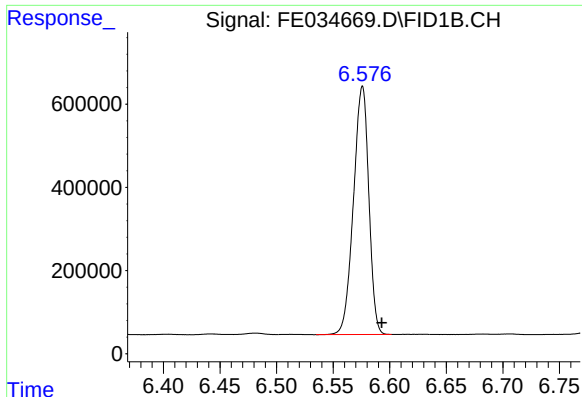
#3 A~Naphthalene (C11.7)

R.T.: 5.528 min
Delta R.T.: -0.017 min
Response: 5730632
Conc: 43.43 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.962 min
Delta R.T.: -0.014 min
Response: 5052047
Conc: 42.44 ug/ml



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

R.T.: 6.576 min
Delta R.T.: -0.017 min
Response: 5646867
Conc: 42.40 ug/ml

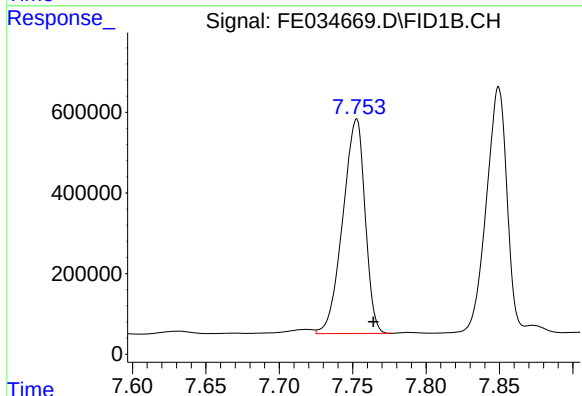
Instrument :

FID_E

ClientSampleId :
7211979MSD

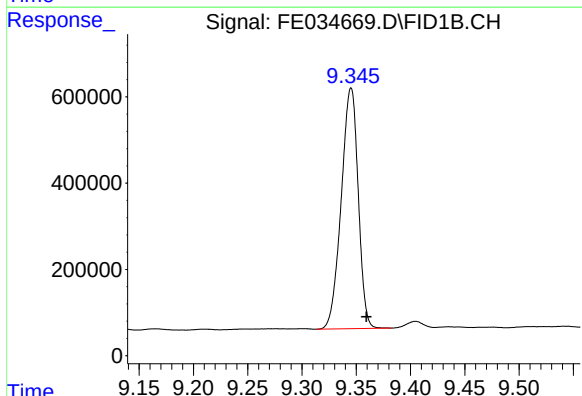
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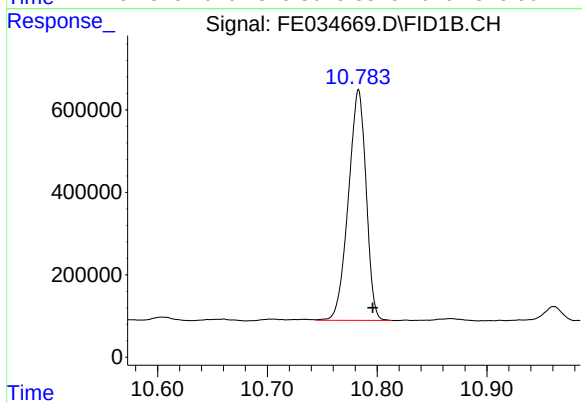
#6 n-Tetradecane (C14)

R.T.: 7.753 min
Delta R.T.: -0.011 min
Response: 5614394
Conc: 46.25 ug/ml



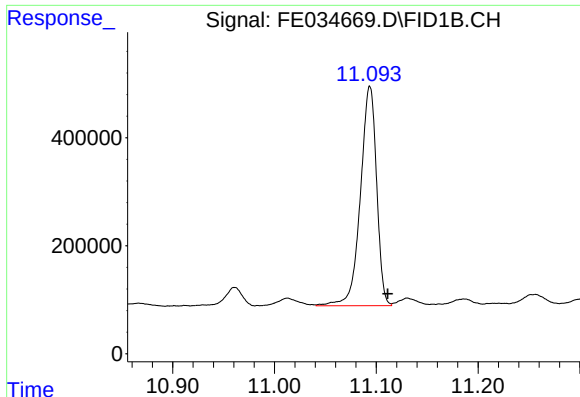
#7 n-Hexadecane (C16)

R.T.: 9.345 min
Delta R.T.: -0.014 min
Response: 6076902
Conc: 49.89 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.783 min
Delta R.T.: -0.013 min
Response: 6279105
Conc: 50.36 ug/ml m



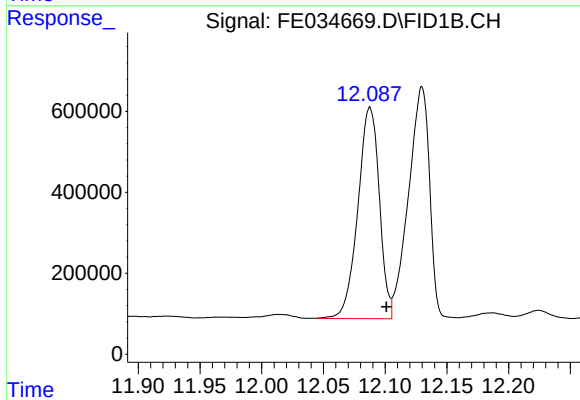
#9 ortho-Terphenyl (SURR)

R.T.: 11.094 min
Delta R.T.: -0.017 min
Response: 4494392
Conc: 32.49 ug/ml

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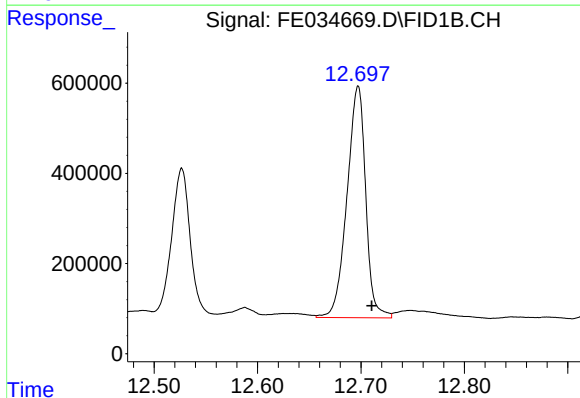
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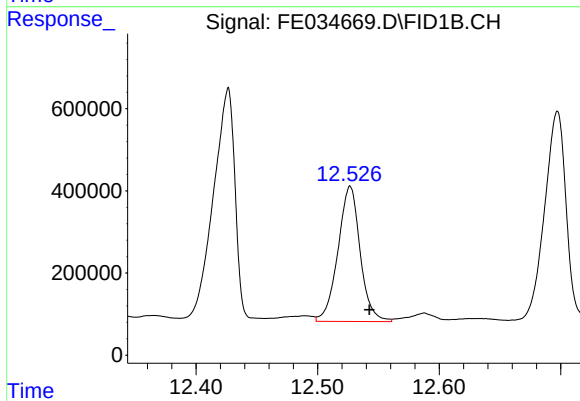
#10 n-Eicosane (C20)

R.T.: 12.088 min
Delta R.T.: -0.013 min
Response: 6325925
Conc: 51.29 ug/ml



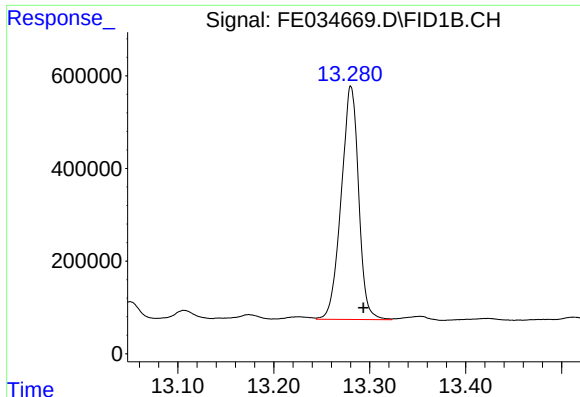
#11 n-Heneicosane (C21)

R.T.: 12.697 min
Delta R.T.: -0.013 min
Response: 6465606
Conc: 51.95 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.527 min
Delta R.T.: -0.016 min
Response: 4185186
Conc: 39.75 ug/ml



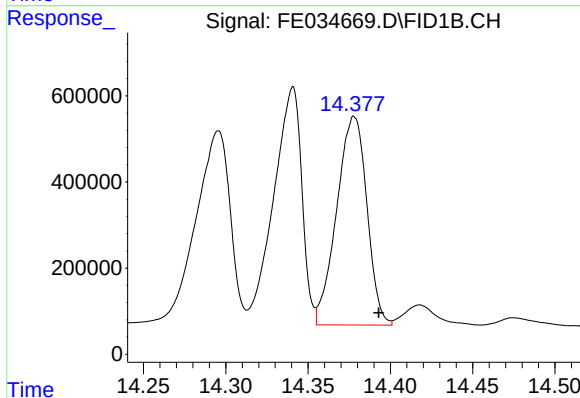
#13 n-Docosane (C22)

R.T.: 13.280 min
Delta R.T.: -0.013 min
Response: 6363509
Conc: 51.61 ug/ml

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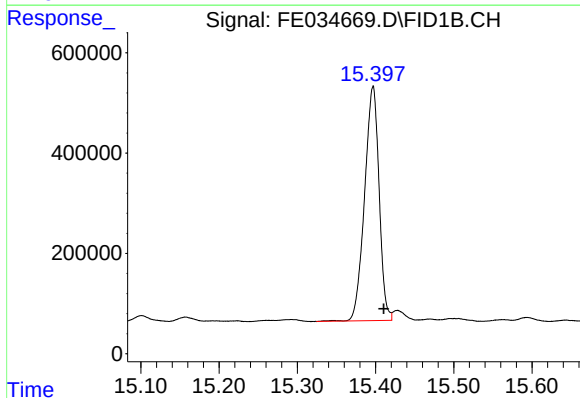
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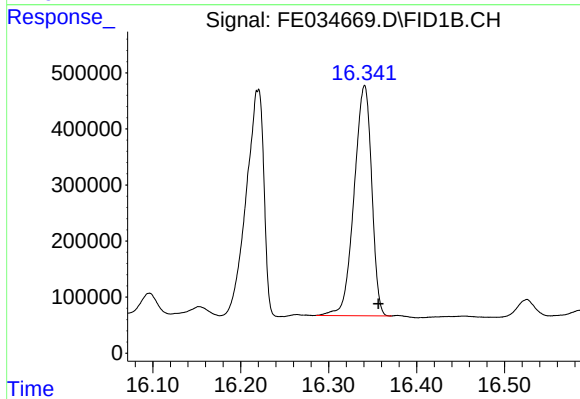
#14 n-Tetracosane (C24)

R.T.: 14.378 min
Delta R.T.: -0.015 min
Response: 6199611
Conc: 50.38 ug/ml



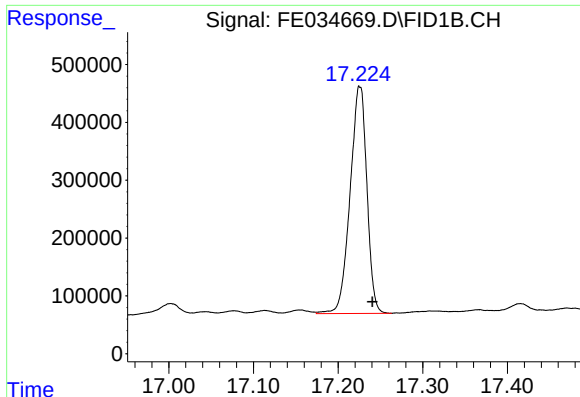
#15 n-Hexacosane (C26)

R.T.: 15.397 min
Delta R.T.: -0.014 min
Response: 6023092
Conc: 50.55 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.341 min
Delta R.T.: -0.016 min
Response: 5699180
Conc: 49.29 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.226 min
Delta R.T.: -0.015 min
Response: 5415303
Conc: 49.61 ug/ml

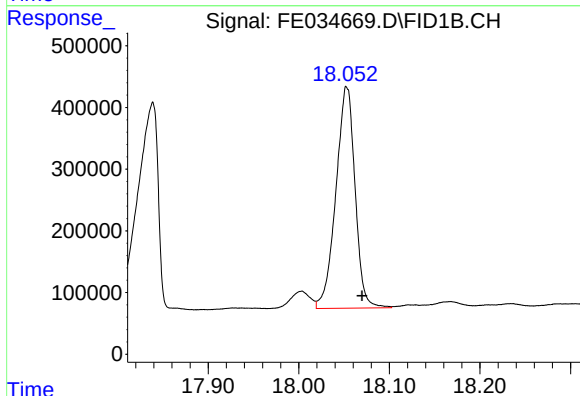
Instrument :

FID_E

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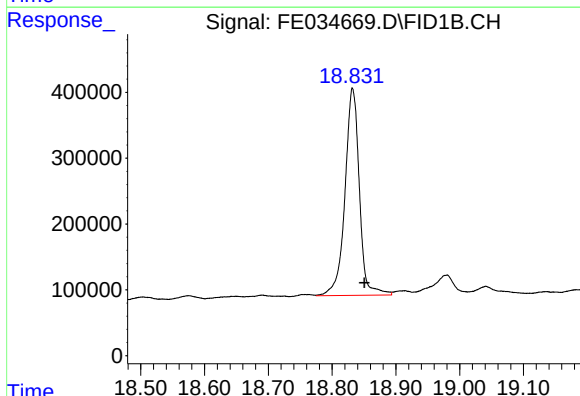
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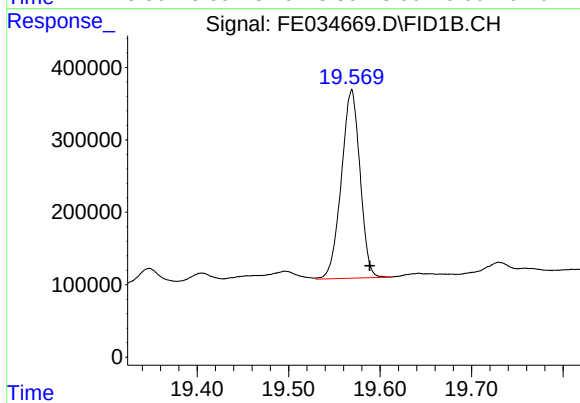
#18 n-Dotriacontane (C32)

R.T.: 18.053 min
Delta R.T.: -0.017 min
Response: 5282437
Conc: 55.10 ug/ml



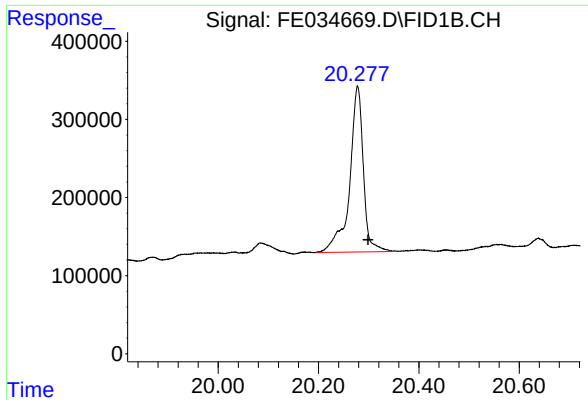
#19 n-Tetratriacontane (C34)

R.T.: 18.832 min
Delta R.T.: -0.019 min
Response: 4931318
Conc: 59.46 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.569 min
Delta R.T.: -0.020 min
Response: 3678314
Conc: 53.86 ug/ml



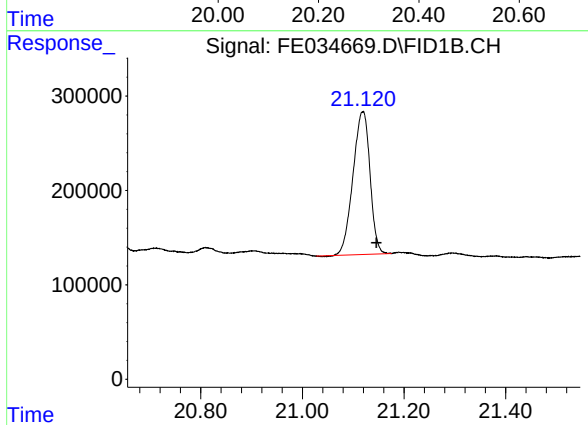
#21 n-Octatriacontane (C38)

R.T.: 20.277 min
Delta R.T.: -0.022 min
Response: 4030443
Conc: 69.92 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.119 min
Delta R.T.: -0.026 min
Response: 3517923
Conc: 70.36 ug/ml