

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060622AL\
 Data File : FE035927.D
 Signal(s) : FID1B.CH
 Acq On : 06 Jun 2022 22:37
 Operator : YP\AJ
 Sample : PB145302BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB145302BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/07/2022
 Supervised By :Ankita Jodhani 06/07/2022

Integration File: sample.E
 Quant Time: Jun 07 01:26:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051022.M
 Quant Title : GC Extractables
 QLast Update : Wed May 11 03:24:10 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)	10.954	6316277	47.616 ug/ml
Spiked Amount 50.000		Recovery =	95.23%
12) S 1-chlorooctadecane (S...	12.384	5022500	48.014 ug/ml
Spiked Amount 50.000		Recovery =	96.03%
Target Compounds			
1) T n-Nonane (C9)	2.812	5115455	42.831 ug/ml
2) T n-Decane (C10)	3.823	5287484	44.682 ug/ml
3) T A~Naphthalene (C11.7)	5.387	6228704	46.614 ug/ml
4) T n-Dodecane (C12)	5.808	5656549	47.214 ug/ml
5) T A~2-methylnaphthalene...	6.436	6344094	46.912 ug/ml
6) T n-Tetradecane (C14)	7.599	6084440	51.049 ug/ml
7) T n-Hexadecane (C16)	9.196	6375890	53.472 ug/ml
8) T n-Octadecane (C18)	10.634	6649824	55.473 ug/ml
10) T n-Eicosane (C20)	11.941	6482435	54.337 ug/ml
11) T n-Heneicosane (C21)	12.551	6436465	53.608 ug/ml
13) T n-Docosane (C22)	13.136	6409698	53.225 ug/ml
14) T n-Tetracosane (C24)	14.230	12791970	105.719 ug/ml
15) T n-Hexacosane (C26)	15.257	6283196	51.922 ug/ml
16) T n-Octacosane (C28)	16.202	6188968	51.066 ug/ml
17) T n-Tricontane (C30)	17.091	6065518	50.444 ug/ml
18) T n-Dotriacontane (C32)	17.919	5965646	51.910 ug/ml
19) T n-Tetratriacontane (C34)	18.701	5762354	53.268 ug/mlm
20) T n-Hexatriacontane (C36)	19.439	5339264	53.003 ug/mlm
21) T n-Octatriacontane (C38)	20.174	5063047	53.141 ug/ml
22) T n-Tetracontane (C40)	21.089	5182350	55.494 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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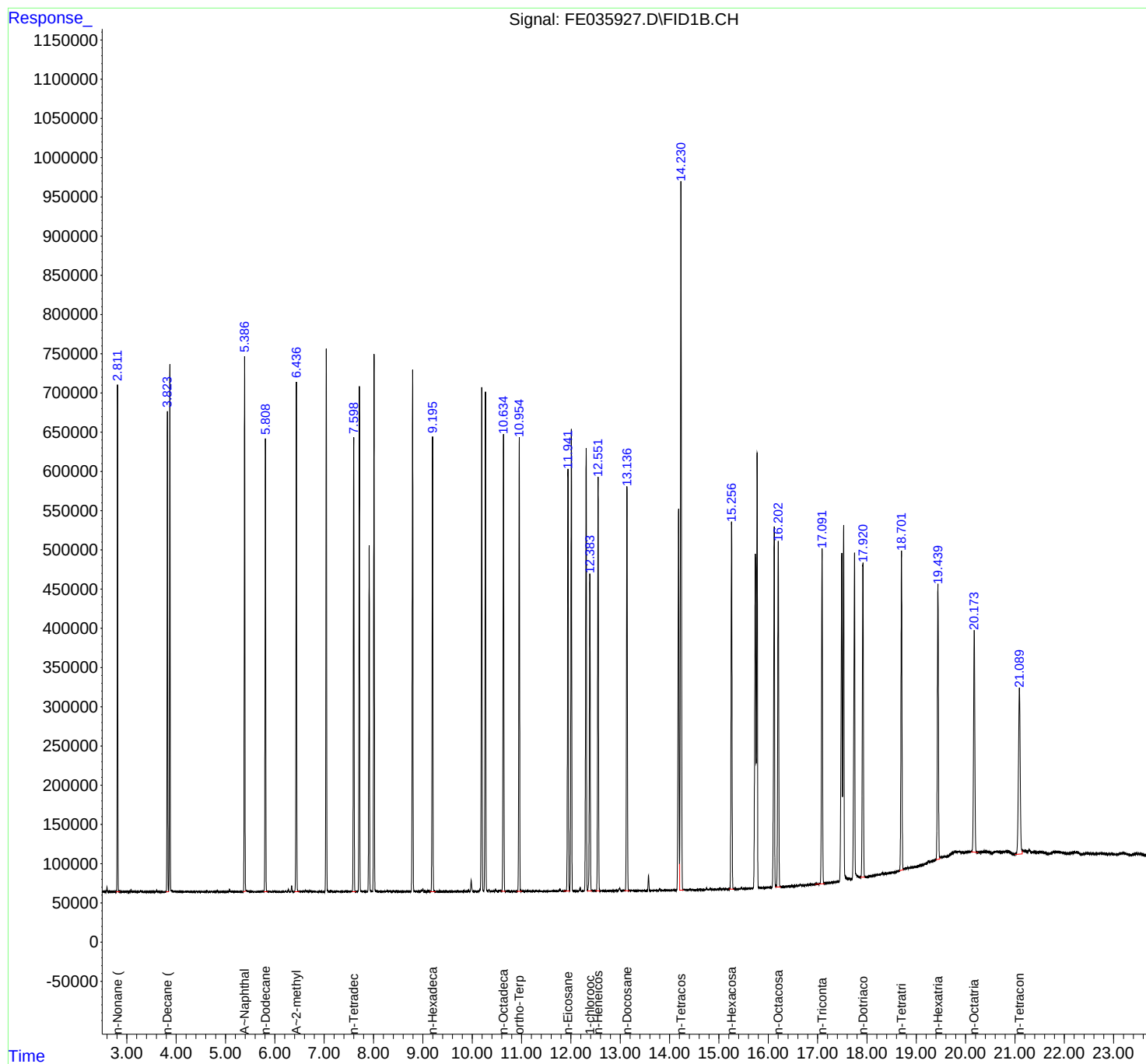
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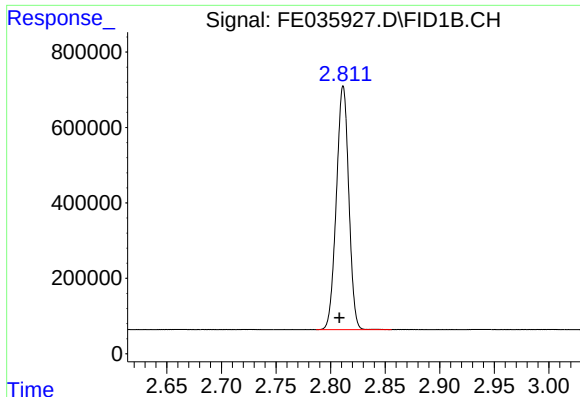
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#1 n-Nonane (C9)

R.T.: 2.812 min
Delta R.T.: 0.004 min
Response: 5115455
Conc: 42.83 ug/ml

Instrument :

FID_E

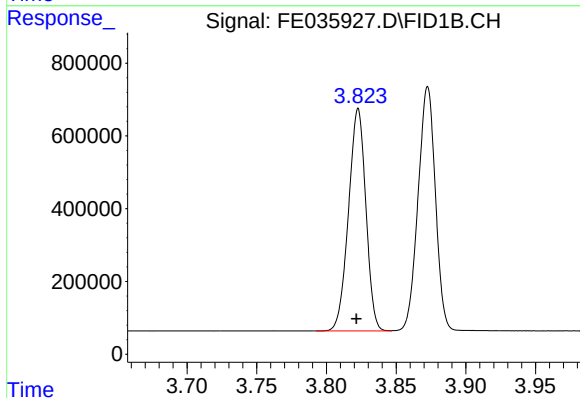
ClientSampleId :

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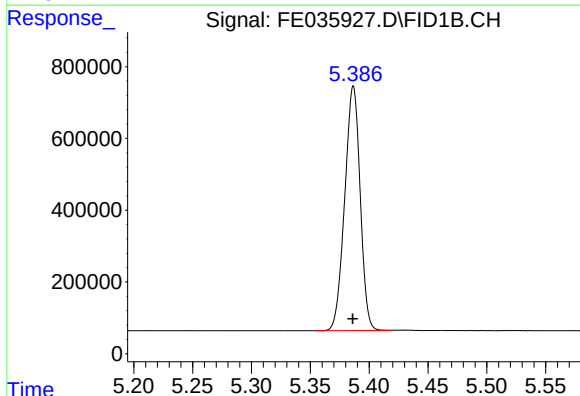
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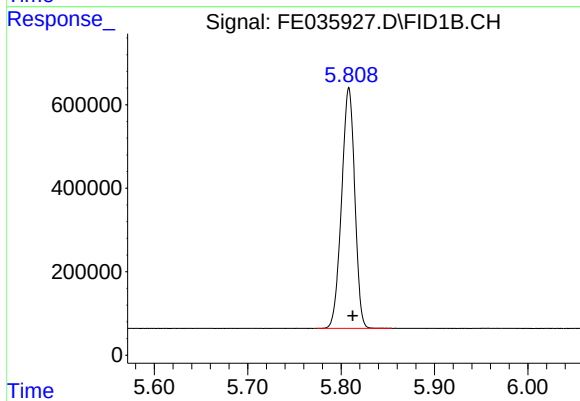
#2 n-Decane (C10)

R.T.: 3.823 min
Delta R.T.: 0.001 min
Response: 5287484
Conc: 44.68 ug/ml



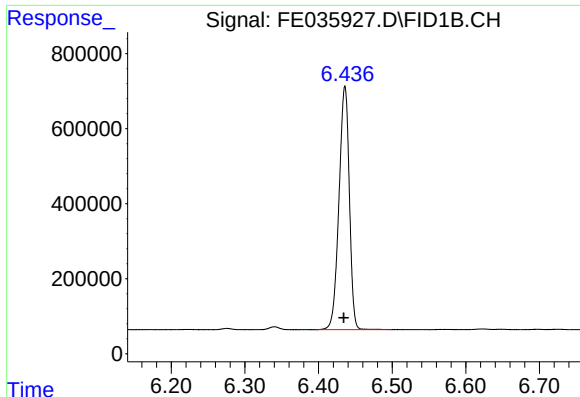
#3 A~Naphthalene (C11.7)

R.T.: 5.387 min
Delta R.T.: 0.000 min
Response: 6228704
Conc: 46.61 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.808 min
Delta R.T.: -0.004 min
Response: 5656549
Conc: 47.21 ug/ml



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

R.T.: 6.436 min
Delta R.T.: 0.002 min
Response: 6344094
Conc: 46.91 ug/ml

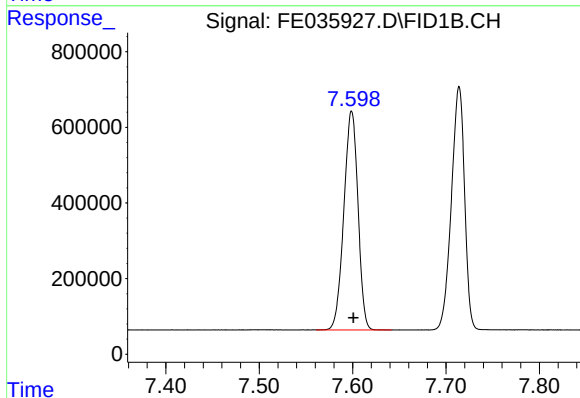
Instrument :

FID_E

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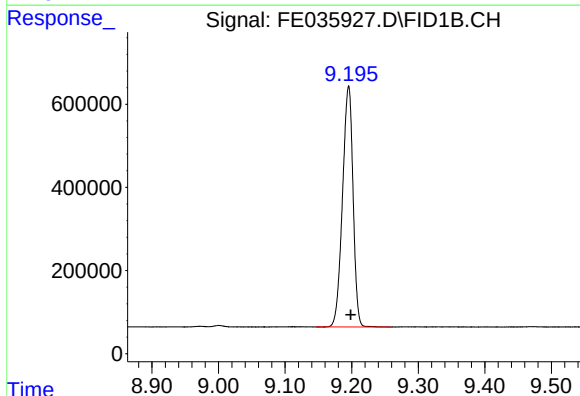
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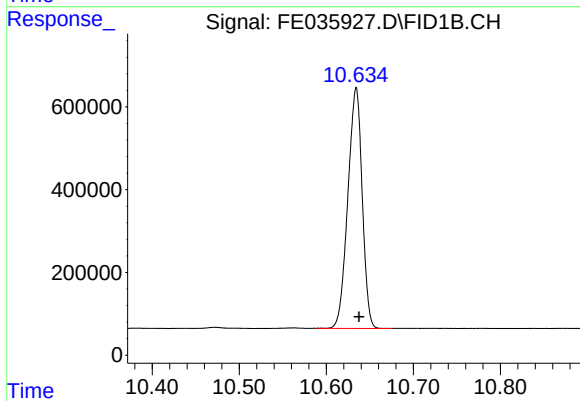
#6 n-Tetradecane (C14)

R.T.: 7.599 min
Delta R.T.: -0.002 min
Response: 6084440
Conc: 51.05 ug/ml



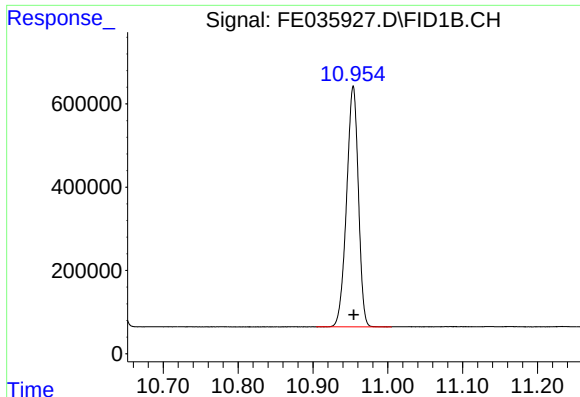
#7 n-Hexadecane (C16)

R.T.: 9.196 min
Delta R.T.: -0.003 min
Response: 6375890
Conc: 53.47 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.634 min
Delta R.T.: -0.003 min
Response: 6649824
Conc: 55.47 ug/ml



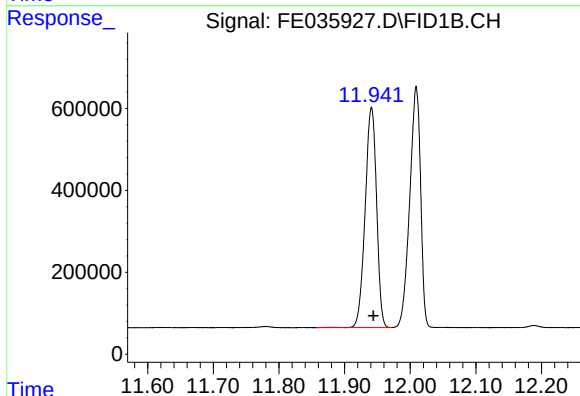
#9 ortho-Terphenyl (SURR)

R.T.: 10.954 min
Delta R.T.: 0.000 min
Response: 6316277
Conc: 47.62 ug/ml

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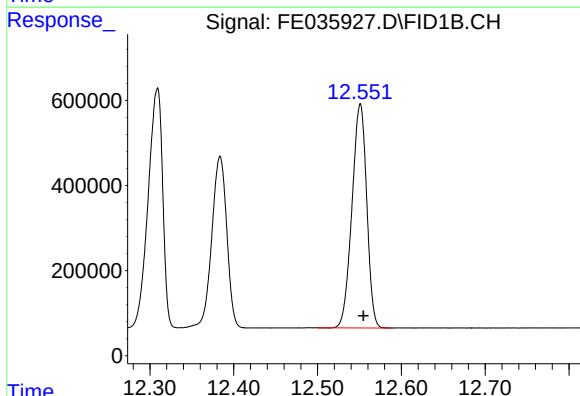
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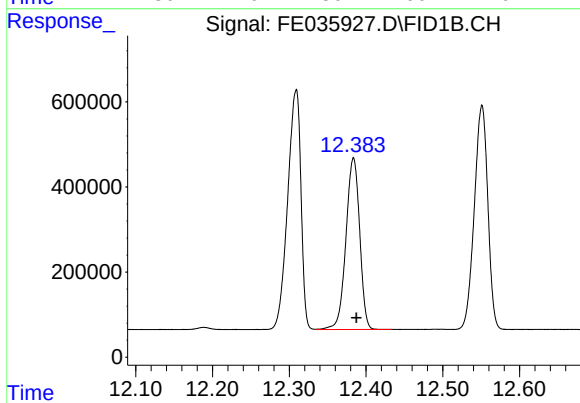
#10 n-Eicosane (C20)

R.T.: 11.941 min
Delta R.T.: -0.003 min
Response: 6482435
Conc: 54.34 ug/ml



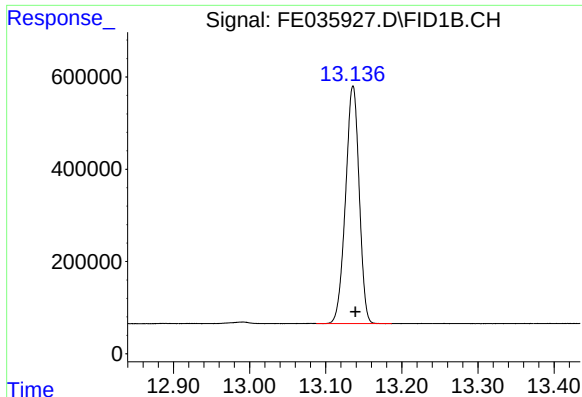
#11 n-Heneicosane (C21)

R.T.: 12.551 min
Delta R.T.: -0.004 min
Response: 6436465
Conc: 53.61 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.384 min
Delta R.T.: -0.004 min
Response: 5022500
Conc: 48.01 ug/ml



#13 n-Docosane (C22)

R.T.: 13.136 min
Delta R.T.: -0.003 min
Response: 6409698
Conc: 53.22 ug/ml

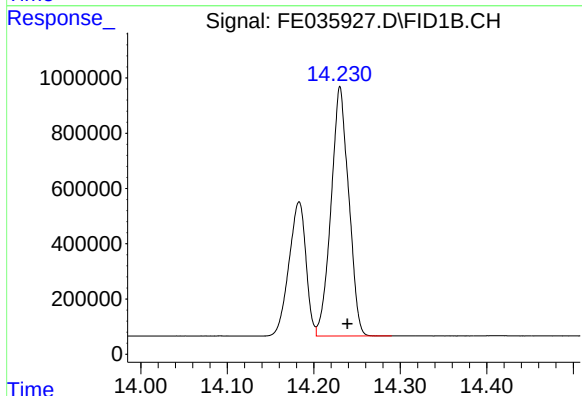
Instrument :

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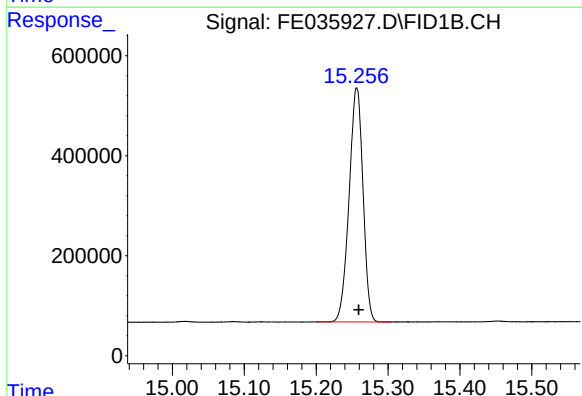
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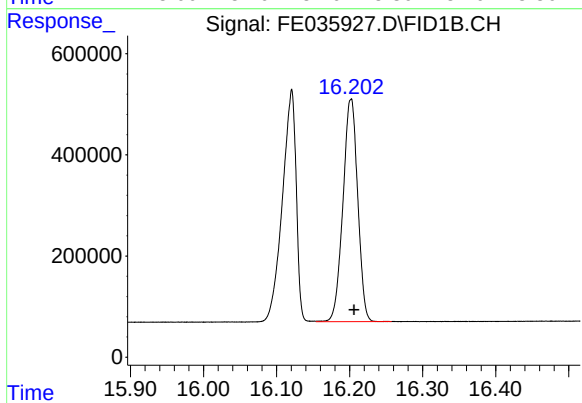
#14 n-Tetracosane (C24)

R.T.: 14.230 min
Delta R.T.: -0.009 min
Response: 12791970
Conc: 105.72 ug/ml



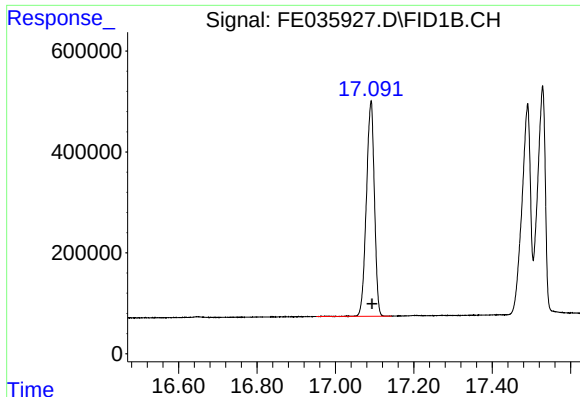
#15 n-Hexacosane (C26)

R.T.: 15.257 min
Delta R.T.: -0.003 min
Response: 6283196
Conc: 51.92 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.202 min
Delta R.T.: -0.004 min
Response: 6188968
Conc: 51.07 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.091 min
Delta R.T.: -0.002 min
Response: 6065518
Conc: 50.44 ug/ml

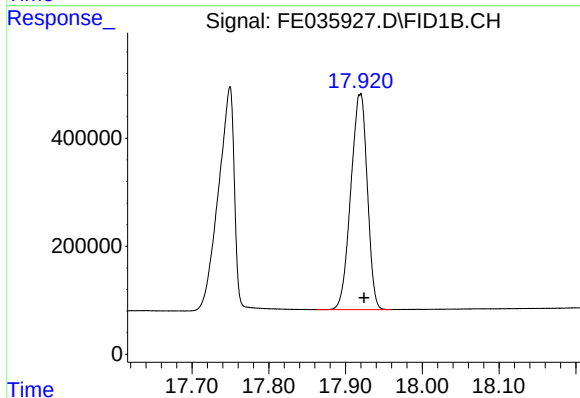
Instrument :

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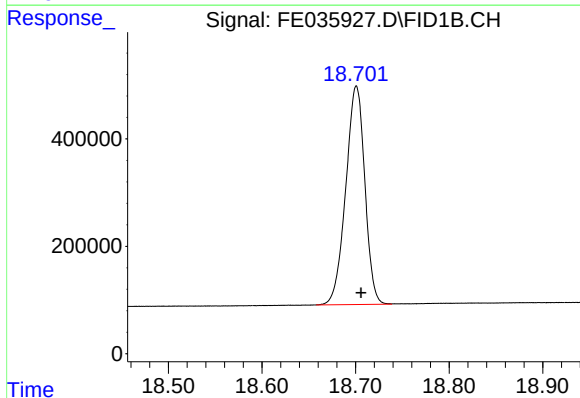
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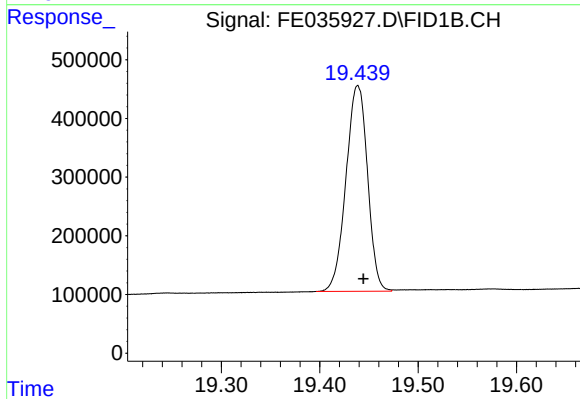
#18 n-Dotriacontane (C32)

R.T.: 17.919 min
Delta R.T.: -0.005 min
Response: 5965646
Conc: 51.91 ug/ml



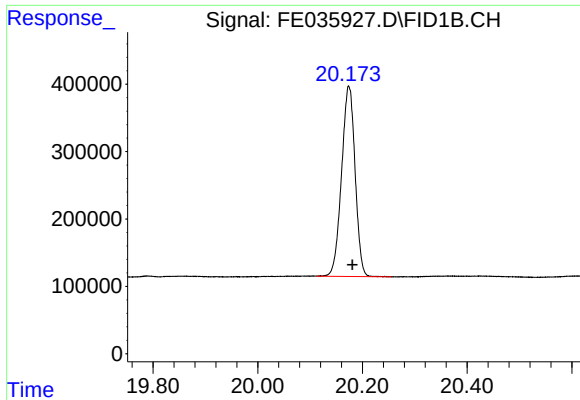
#19 n-Tetratriacontane (C34)

R.T.: 18.701 min
Delta R.T.: -0.005 min
Response: 5762354
Conc: 53.27 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.439 min
Delta R.T.: -0.006 min
Response: 5339264
Conc: 53.00 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.174 min
Delta R.T.: -0.007 min
Response: 5063047
Conc: 53.14 ug/ml

Instrument :

FID_E

ClientSampleId :

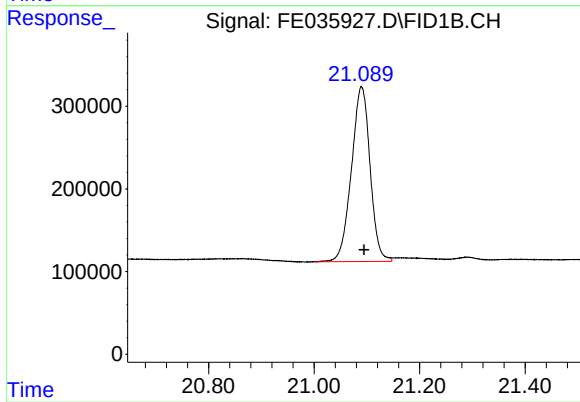
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#22 n-Tetracontane (C40)

R.T.: 21.089 min
Delta R.T.: -0.006 min
Response: 5182350
Conc: 55.49 ug/ml m