

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011222AL\
 Data File : FD040574.D
 Signal(s) : FID2B.CH
 Acq On : 12 Jan 2022 18:20
 Operator : AJ\MA
 Sample : N1106-04MS
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 SO-E6-01-6MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/13/2022
 Supervised By :Ankita Jodhani 01/13/2022

Integration File: sample.E
 Quant Time: Jan 13 01:20:06 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 010422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 07:08:39 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)	10.626	7331573	47.549 ug/mlm
Spiked Amount 50.000		Recovery =	95.10%
12) S 1-chlorooctadecane (S...	12.063	5042494	42.840 ug/mlm
Spiked Amount 50.000		Recovery =	85.68%
Target Compounds			
1) T n-Nonane (C9)	2.595	7129124	55.531 ug/ml
2) T n-Decane (C10)	3.569	7560027	58.711 ug/ml
3) T A~Naphthalene (C11.7)	5.092	8761030	61.666 ug/ml
4) T n-Dodecane (C12)	5.529	7950926	62.207 ug/ml
5) T A~2-methylnaphthalene...	6.131	8368041	59.317 ug/mlm
6) T n-Tetradecane (C14)	7.307	7603421	58.695 ug/mlm
7) T n-Hexadecane (C16)	8.893	7720979	59.262 ug/mlm
8) T n-Octadecane (C18)	10.327	7949815	58.670 ug/mlm
10) T n-Eicosane (C20)	11.626	7550160	55.508 ug/mlm
11) T n-Heneicosane (C21)	12.233	7163302	51.730 ug/mlm
13) T n-Docosane (C22)	12.816	7454539	54.062 ug/ml
14) T n-Tetracosane (C24)	13.912	6669025	47.695 ug/ml
15) T n-Hexacosane (C26)	14.928	6447070	46.770 ug/ml
16) T n-Octacosane (C28)	15.870	6435242	47.427 ug/ml
17) T n-Tricontane (C30)	16.756	6256698	48.004 ug/ml
18) T n-Dotriacontane (C32)	17.581	6055968	50.659 ug/ml
19) T n-Tetratriacontane (C34)	18.361	5553100	52.740 ug/ml
20) T n-Hexatriacontane (C36)	19.096	4742619	46.803 ug/ml
21) T n-Octatriacontane (C38)	19.796	4345766	48.640 ug/ml
22) T n-Tetracontane (C40)	20.596	4447067	52.024 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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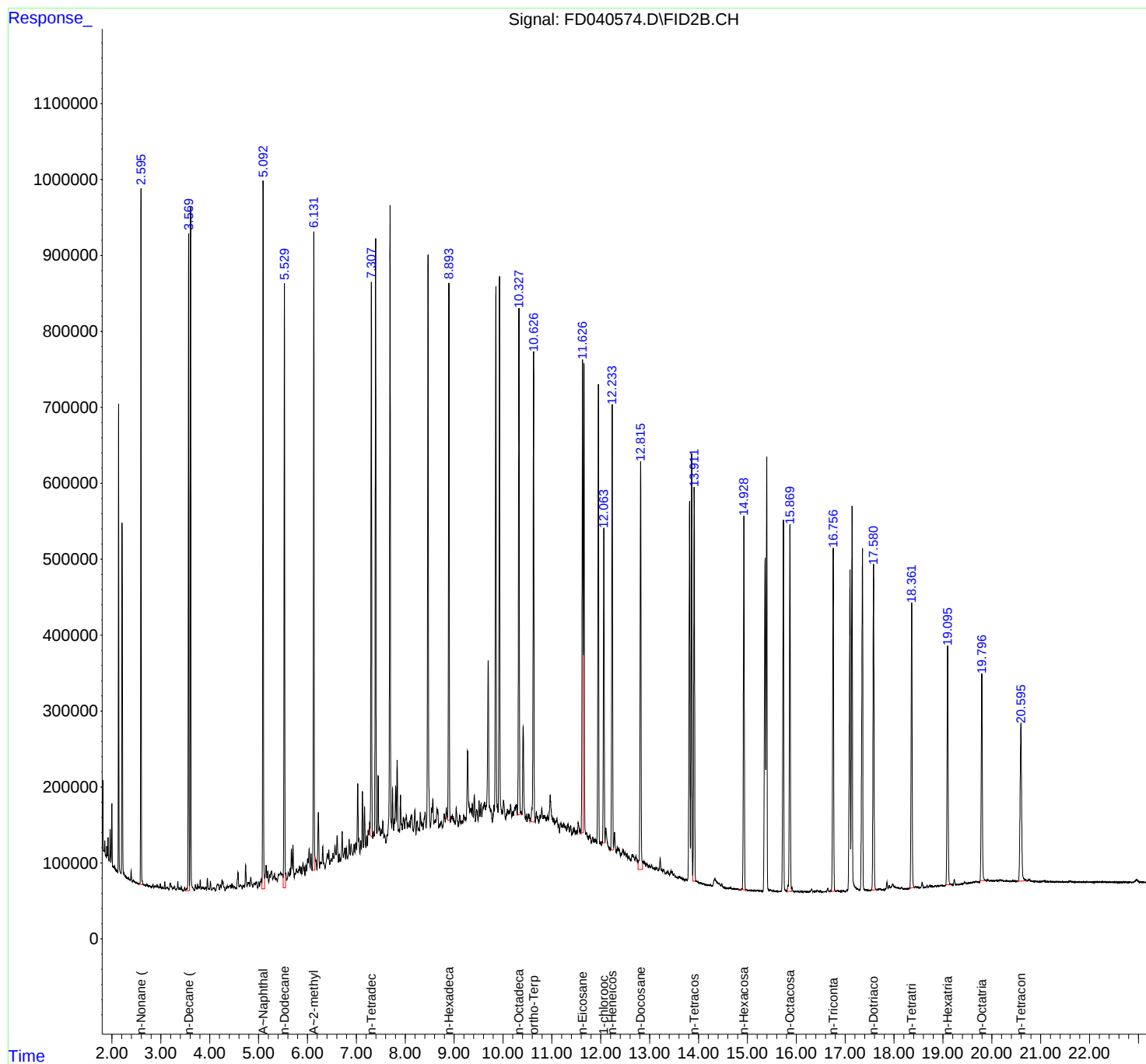
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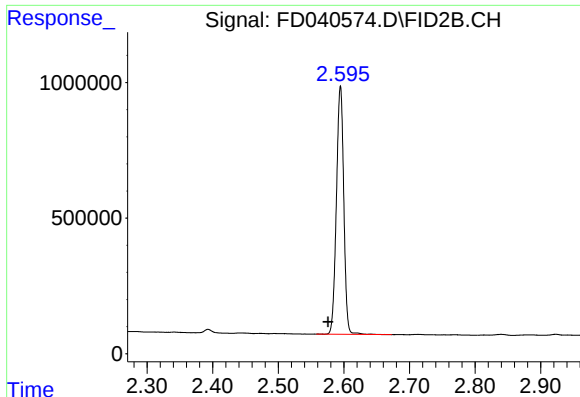
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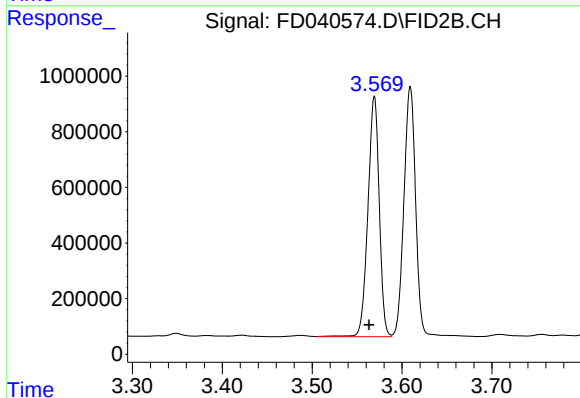
#1 n-Nonane (C9)

R.T.: 2.595 min
Delta R.T.: 0.019 min
Response: 7129124
Conc: 55.53 ug/ml

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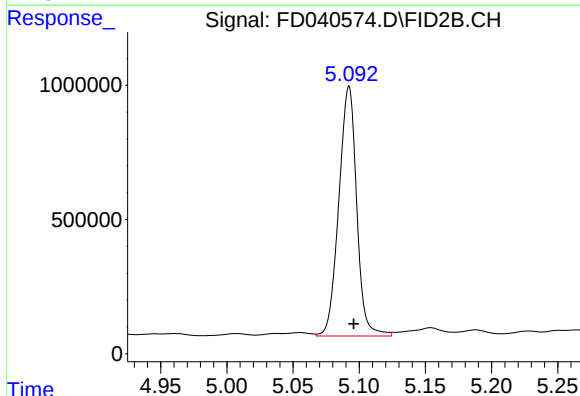
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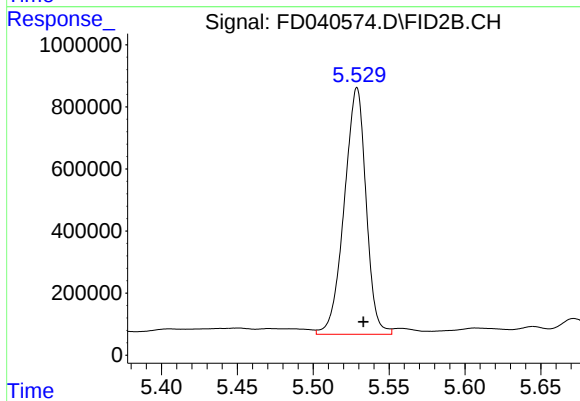
#2 n-Decane (C10)

R.T.: 3.569 min
Delta R.T.: 0.006 min
Response: 7560027
Conc: 58.71 ug/ml



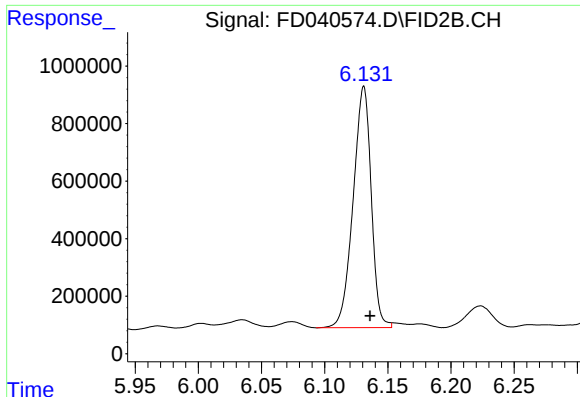
#3 A~Naphthalene (C11.7)

R.T.: 5.092 min
Delta R.T.: -0.004 min
Response: 8761030
Conc: 61.67 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.529 min
Delta R.T.: -0.004 min
Response: 7950926
Conc: 62.21 ug/ml



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

R.T.: 6.131 min
Delta R.T.: -0.005 min
Response: 8368041
Conc: 59.32 ug/ml

Instrument :

FID_D

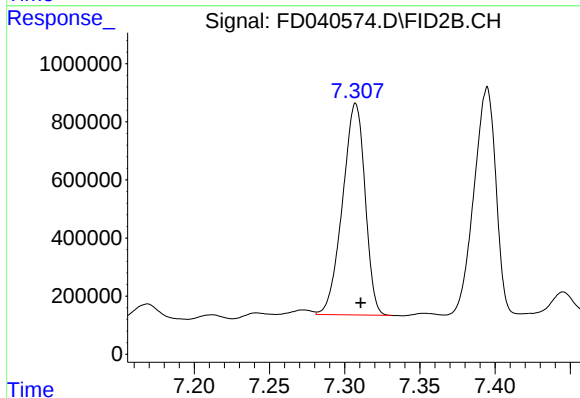
ClientSampleId :

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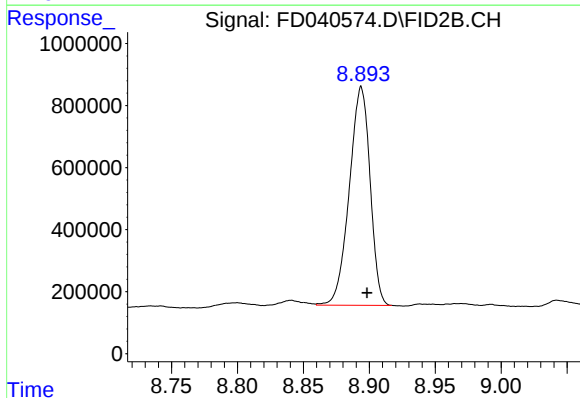
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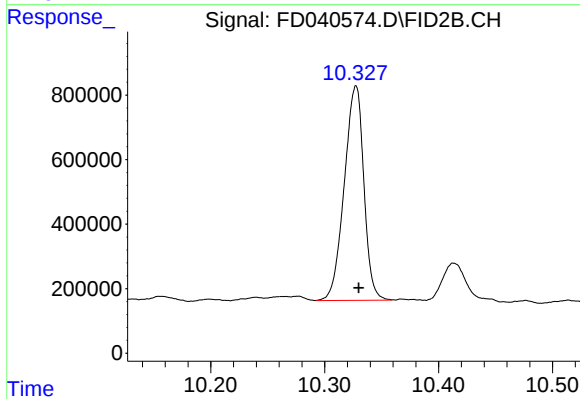
#6 n-Tetradecane (C14)

R.T.: 7.307 min
Delta R.T.: -0.004 min
Response: 7603421
Conc: 58.70 ug/ml m



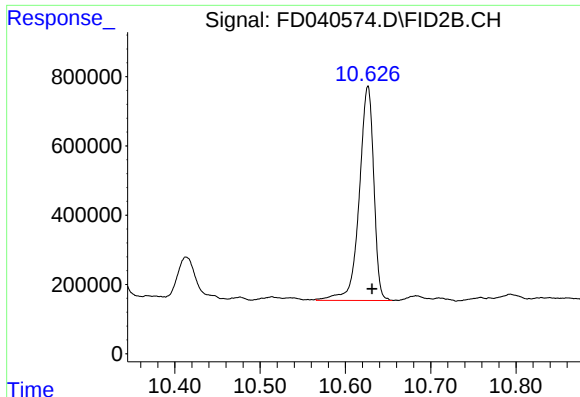
#7 n-Hexadecane (C16)

R.T.: 8.893 min
Delta R.T.: -0.005 min
Response: 7720979
Conc: 59.26 ug/ml m



#8 n-Octadecane (C18)

R.T.: 10.327 min
Delta R.T.: -0.003 min
Response: 7949815
Conc: 58.67 ug/ml m



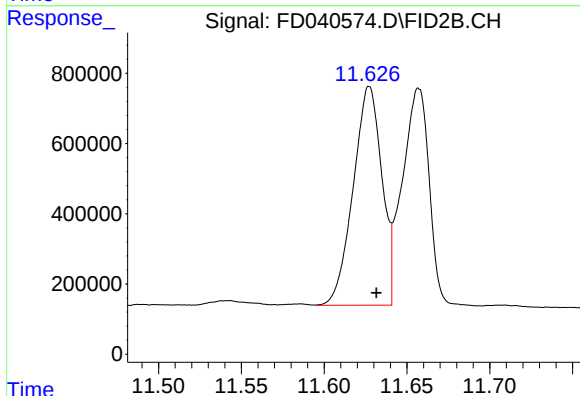
#9 ortho-Terphenyl (SURR)

R.T.: 10.626 min
Delta R.T.: -0.005 min
Response: 7331573
Conc: 47.55 ug/ml

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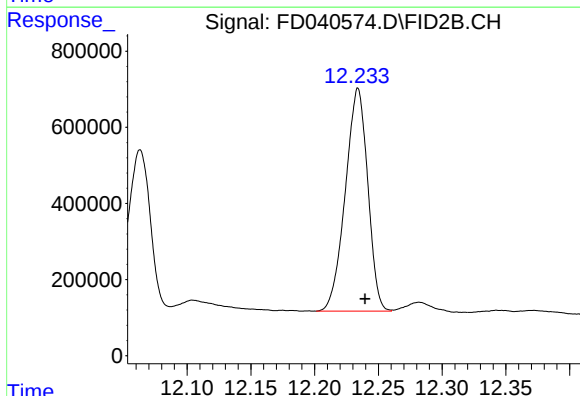
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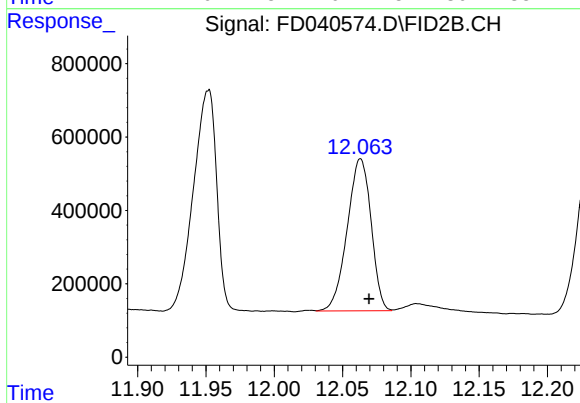
#10 n-Eicosane (C20)

R.T.: 11.626 min
Delta R.T.: -0.005 min
Response: 7550160
Conc: 55.51 ug/ml m



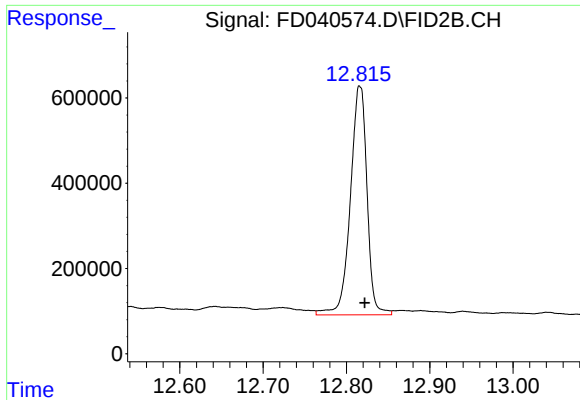
#11 n-Heneicosane (C21)

R.T.: 12.233 min
Delta R.T.: -0.006 min
Response: 7163302
Conc: 51.73 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 12.063 min
Delta R.T.: -0.006 min
Response: 5042494
Conc: 42.84 ug/ml m



#13 n-Docosane (C22)

R.T.: 12.816 min
Delta R.T.: -0.006 min
Response: 7454539
Conc: 54.06 ug/ml

Instrument :

FID_D

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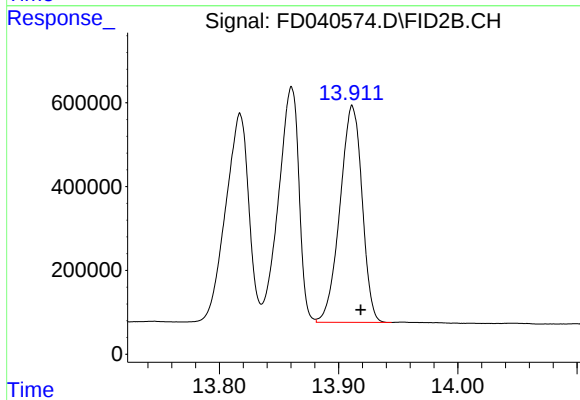
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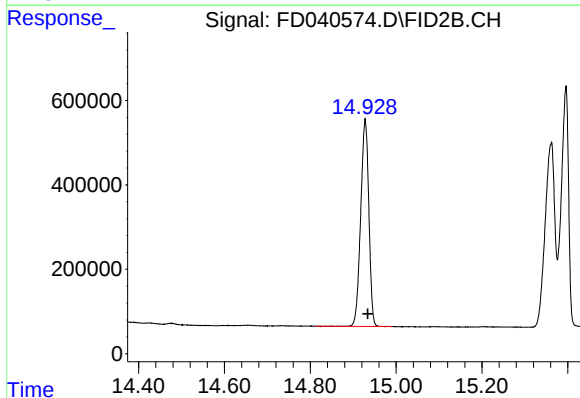
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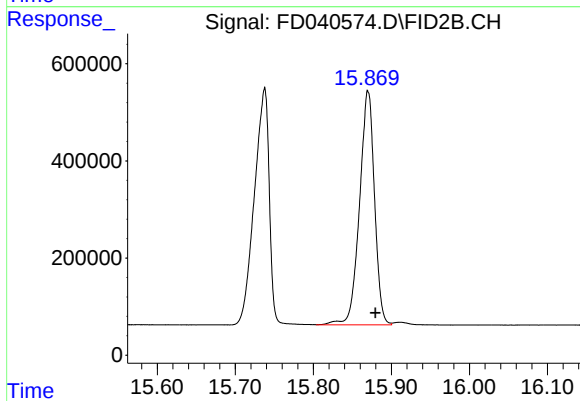
#14 n-Tetracosane (C24)

R.T.: 13.912 min
Delta R.T.: -0.007 min
Response: 6669025
Conc: 47.70 ug/ml



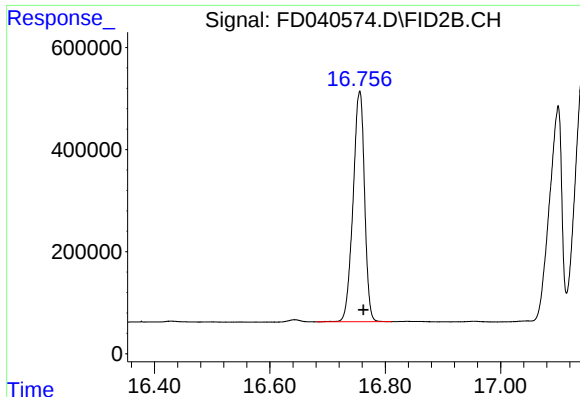
#15 n-Hexacosane (C26)

R.T.: 14.928 min
Delta R.T.: -0.006 min
Response: 6447070
Conc: 46.77 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.870 min
Delta R.T.: -0.009 min
Response: 6435242
Conc: 47.43 ug/ml



#17 n-Tricontane (C30)

R.T.: 16.756 min
Delta R.T.: -0.006 min
Response: 6256698
Conc: 48.00 ug/ml

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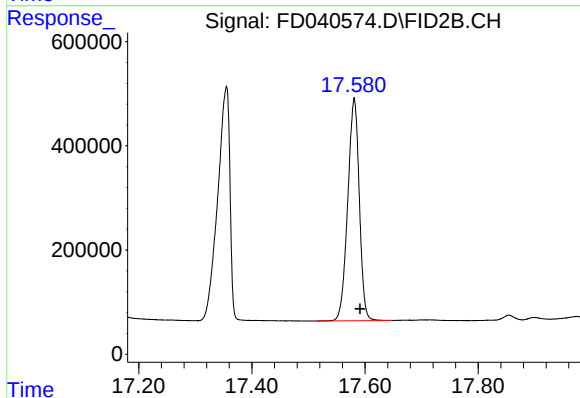
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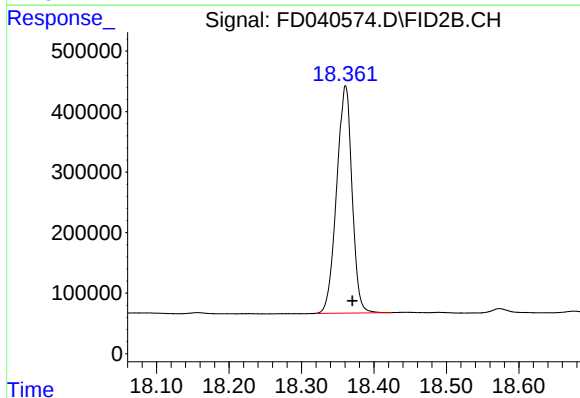
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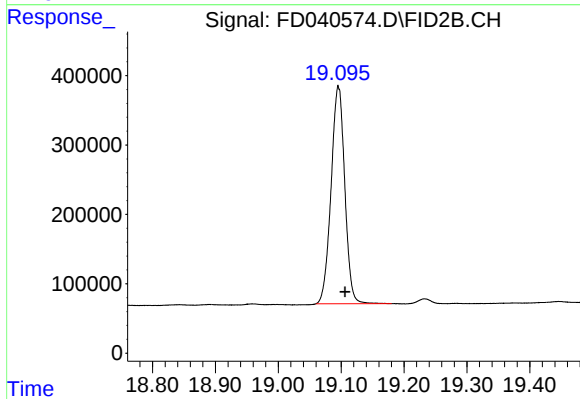
#18 n-Dotriacontane (C32)

R.T.: 17.581 min
Delta R.T.: -0.010 min
Response: 6055968
Conc: 50.66 ug/ml



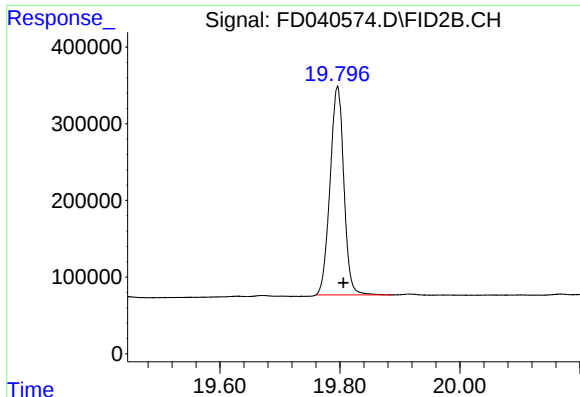
#19 n-Tetratriacontane (C34)

R.T.: 18.361 min
Delta R.T.: -0.009 min
Response: 5553100
Conc: 52.74 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.096 min
Delta R.T.: -0.011 min
Response: 4742619
Conc: 46.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.796 min
Delta R.T.: -0.010 min
Response: 4345766
Conc: 48.64 ug/ml

Instrument :

FID_D

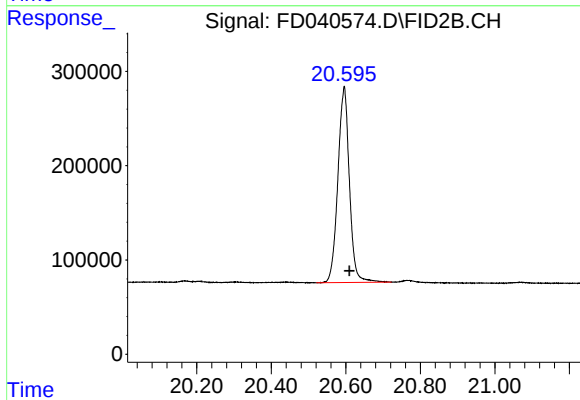
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#22 n-Tetracontane (C40)

R.T.: 20.596 min
Delta R.T.: -0.013 min
Response: 4447067
Conc: 52.02 ug/ml