

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD123021AL\
 Data File : FD040343.D
 Signal(s) : FID2B.CH
 Acq On : 31 Dec 2021 15:24
 Operator : AJ\MA
 Sample : PB141561BS
 Misc :
 ALS Vial : 90 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB141561BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 01/03/2022

Supervised By :Ankita Jodhani 01/03/2022

Integration File: autoint1.e

Quant Time: Jan 03 08:22:25 2022

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 122821.M

Quant Title : GC Extractables

QLast Update : Wed Dec 29 02:26:30 2021

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			
12) S 1-chlorooctadecane (S...	12.122	3090807	25.629 ug/ml
Spiked Amount 50.000		Recovery =	51.26%
Target Compounds			
1) T n-Nonane (C9)	2.624	3440859	26.220 ug/ml
2) T n-Decane (C10)	3.615	4347566	32.845 ug/ml
4) T n-Dodecane (C12)	5.587	5039384	37.945 ug/ml
6) T n-Tetradecane (C14)	7.364	5442804	39.369 ug/ml
7) T n-Hexadecane (C16)	8.953	6073706	44.296 ug/ml
8) T n-Octadecane (C18)	10.385	6456491	45.721 ug/ml
10) T n-Eicosane (C20)	11.685	6445520	46.103 ug/ml
11) T n-Heneicosane (C21)	12.293	6362372	44.968 ug/ml
13) T n-Docosane (C22)	12.877	6316894	45.011 ug/ml
14) T n-Tetracosane (C24)	13.974	6202124	44.173 ug/ml
15) T n-Hexacosane (C26)	14.988	5921268	43.062 ug/ml
16) T n-Octacosane (C28)	15.933	5714564	42.008 ug/ml
17) T n-Tricontane (C30)	16.815	5533824	41.350 ug/ml
18) T n-Dotriacontane (C32)	17.643	5329132	41.169 ug/ml
19) T n-Tetratriacontane (C34)	18.422	5105609	42.110 ug/ml
20) T n-Hexatriacontane (C36)	19.158	4914615	46.116 ug/ml
21) T n-Octatriacontane (C38)	19.863	4999689	54.140 ug/mlm
22) T n-Tetracontane (C40)	20.683	5212238	66.939 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :
ALS Vial : 90 Sample Multiplier: 1

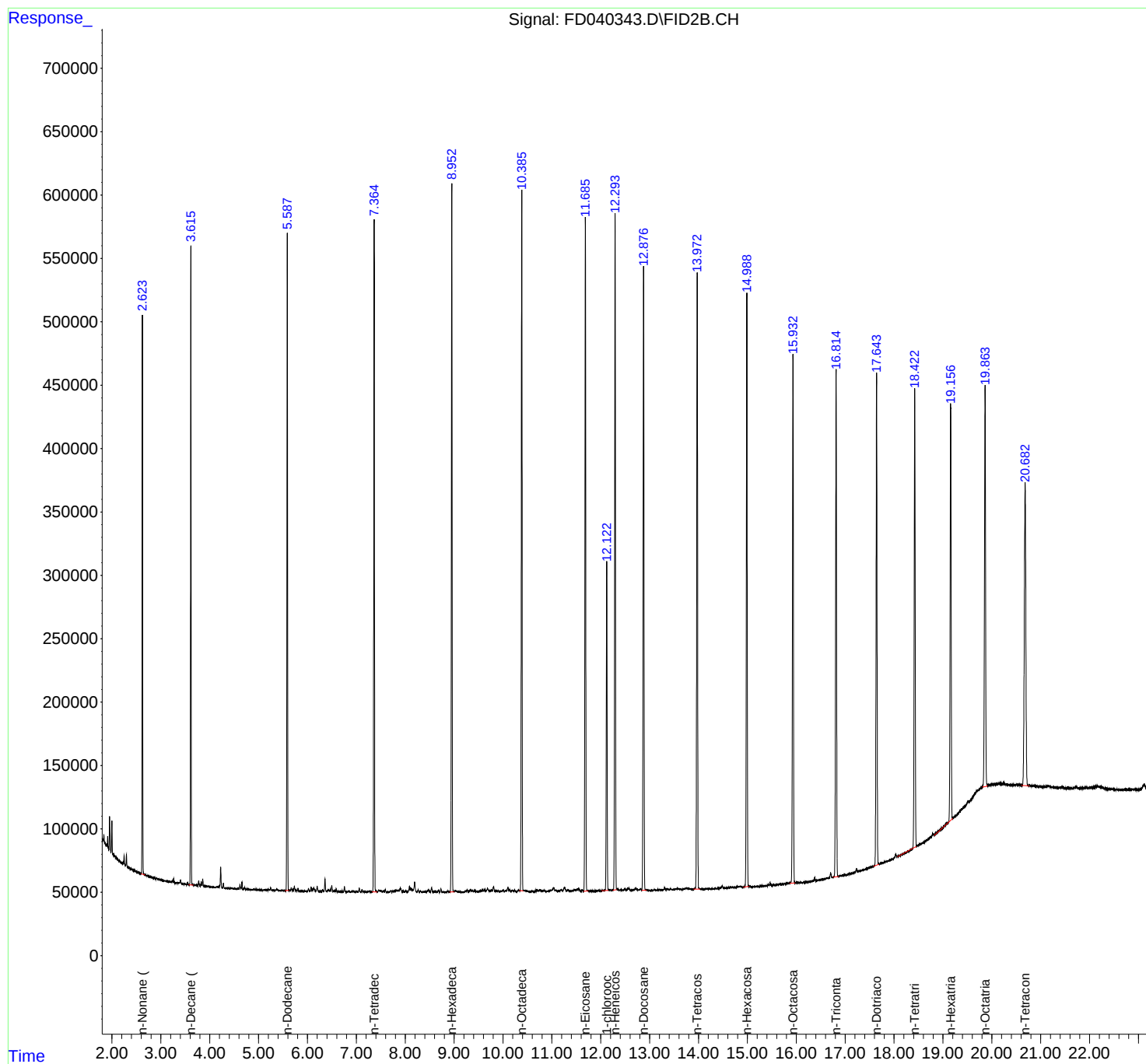
Instrument :
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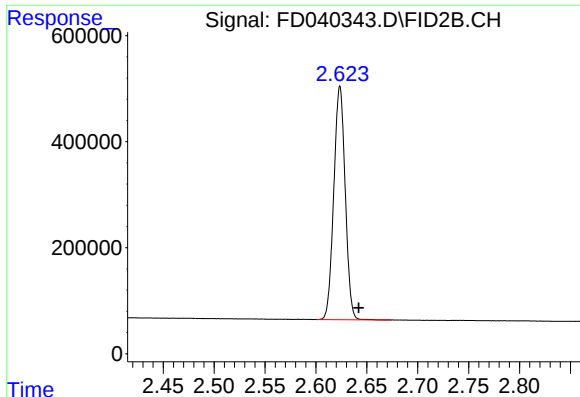
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 2.624 min
Delta R.T.: -0.018 min
Response: 3440859
Conc: 26.22 ug/ml

Instrument :

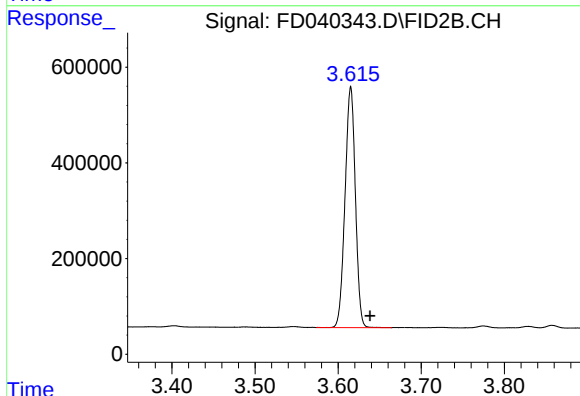
FID_D

ClientSampleId :

PB141561BS

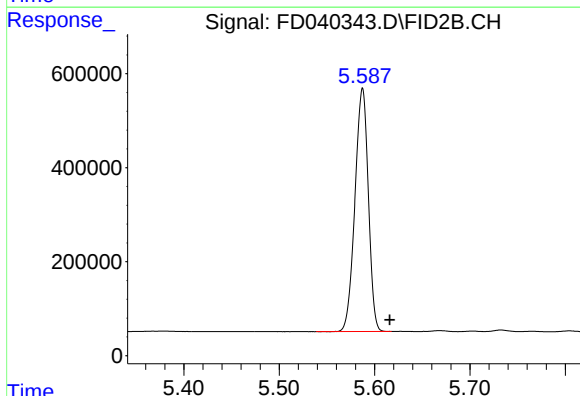
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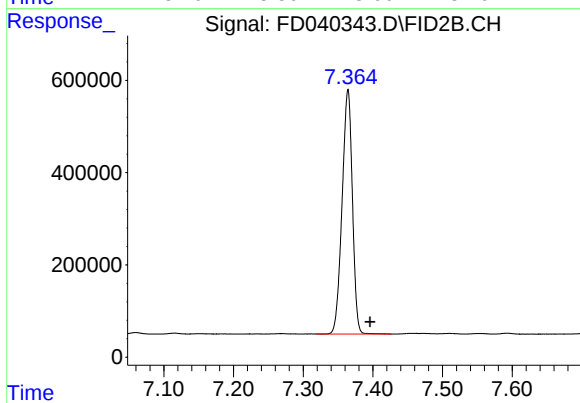
#2 n-Decane (C10)

R.T.: 3.615 min
Delta R.T.: -0.023 min
Response: 4347566
Conc: 32.84 ug/ml



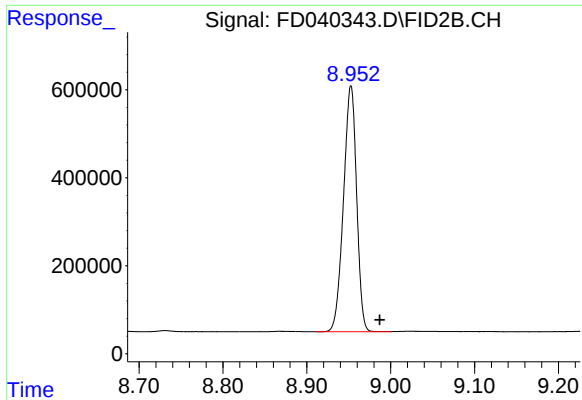
#4 n-Dodecane (C12)

R.T.: 5.587 min
Delta R.T.: -0.029 min
Response: 5039384
Conc: 37.95 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.364 min
Delta R.T.: -0.032 min
Response: 5442804
Conc: 39.37 ug/ml



#7 n-Hexadecane (C16)

R.T.: 8.953 min
Delta R.T.: -0.034 min
Response: 6073706
Conc: 44.30 ug/ml

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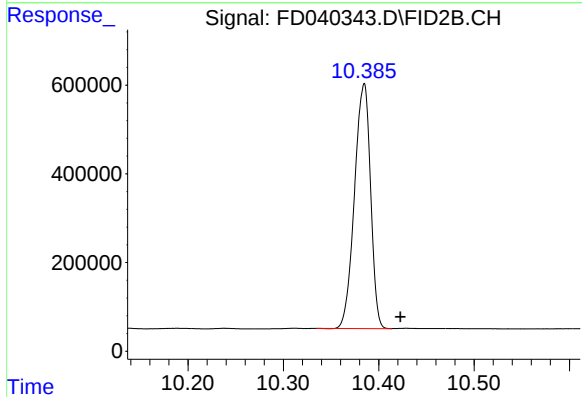
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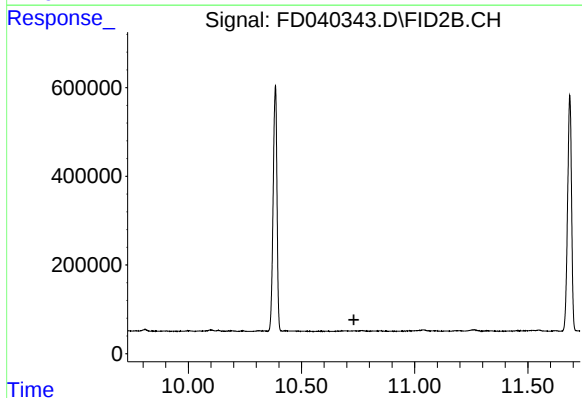
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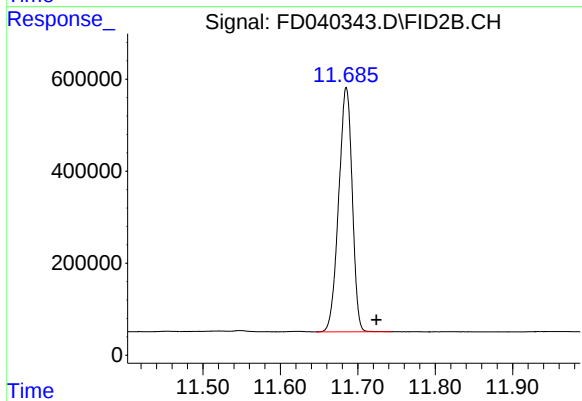
#8 n-Octadecane (C18)

R.T.: 10.385 min
Delta R.T.: -0.038 min
Response: 6456491
Conc: 45.72 ug/ml



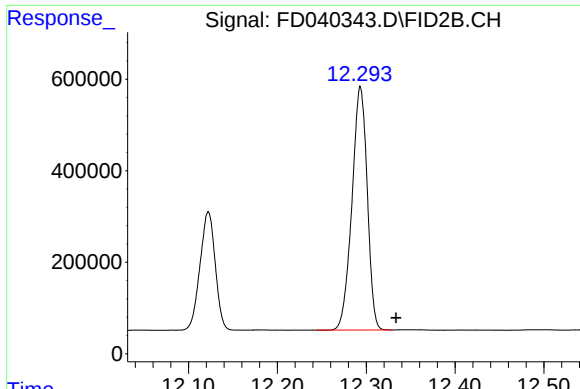
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 10.731 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 11.685 min
Delta R.T.: -0.039 min
Response: 6445520
Conc: 46.10 ug/ml



#11 n-Heneicosane (C21)

R.T.: 12.293 min
Delta R.T.: -0.040 min
Response: 6362372
Conc: 44.97 ug/ml

Instrument :

FID_D

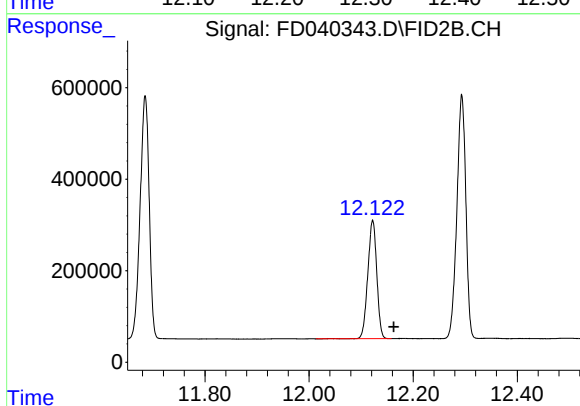
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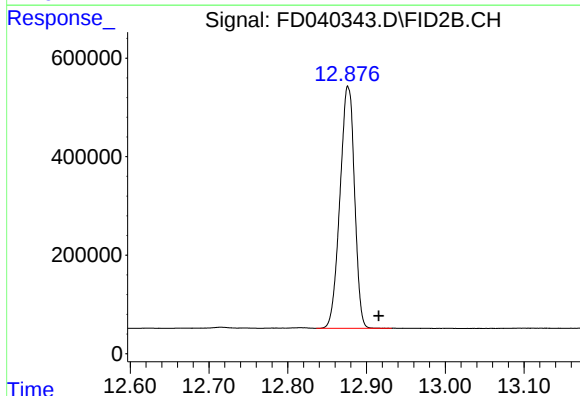
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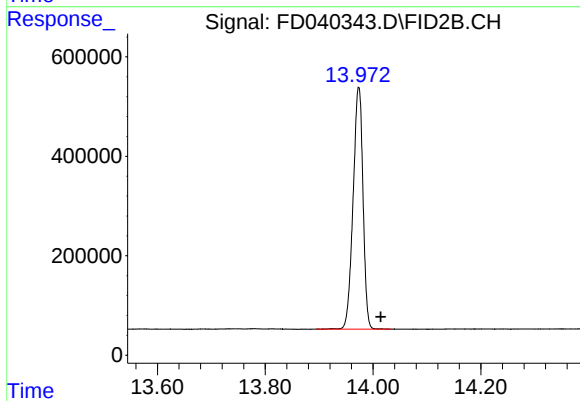
#12 1-chlorooctadecane (SURR)

R.T.: 12.122 min
Delta R.T.: -0.041 min
Response: 3090807
Conc: 25.63 ug/ml



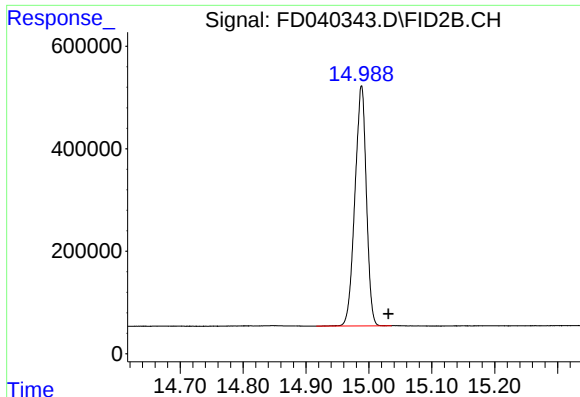
#13 n-Docosane (C22)

R.T.: 12.877 min
Delta R.T.: -0.039 min
Response: 6316894
Conc: 45.01 ug/ml



#14 n-Tetracosane (C24)

R.T.: 13.974 min
Delta R.T.: -0.041 min
Response: 6202124
Conc: 44.17 ug/ml



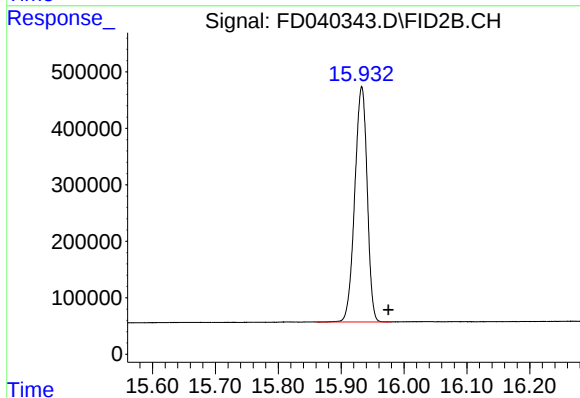
#15 n-Hexacosane (C26)

R.T.: 14.988 min
Delta R.T.: -0.043 min
Response: 5921268
Conc: 43.06 ug/ml

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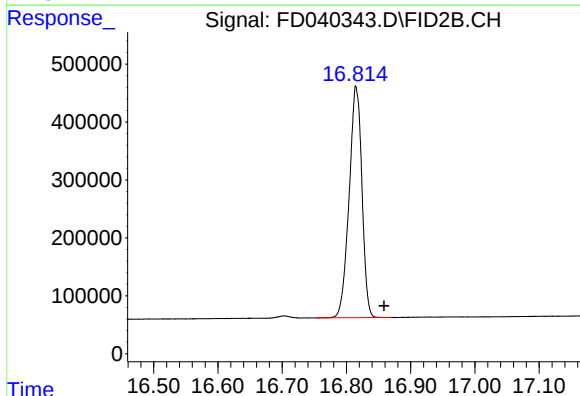
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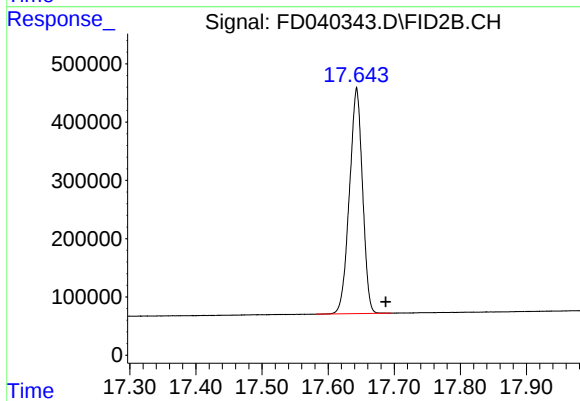
#16 n-Octacosane (C28)

R.T.: 15.933 min
Delta R.T.: -0.042 min
Response: 5714564
Conc: 42.01 ug/ml



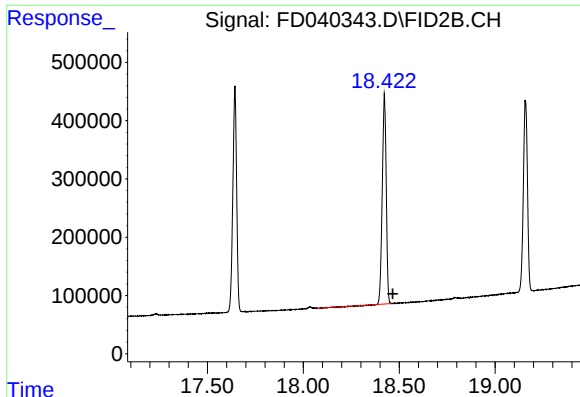
#17 n-Tricontane (C30)

R.T.: 16.815 min
Delta R.T.: -0.044 min
Response: 5533824
Conc: 41.35 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 17.643 min
Delta R.T.: -0.044 min
Response: 5329132
Conc: 41.17 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 18.422 min
Delta R.T.: -0.044 min
Response: 5105609
Conc: 42.11 ug/ml

Instrument :

FID_D

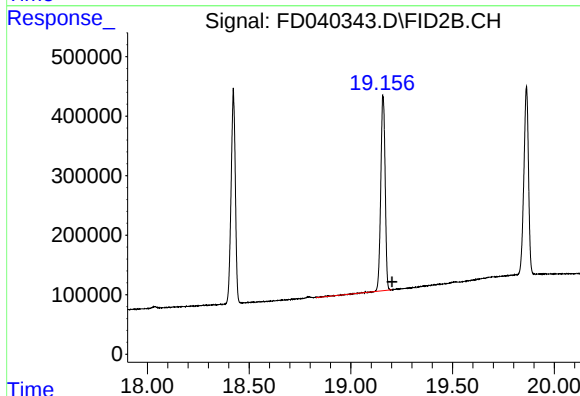
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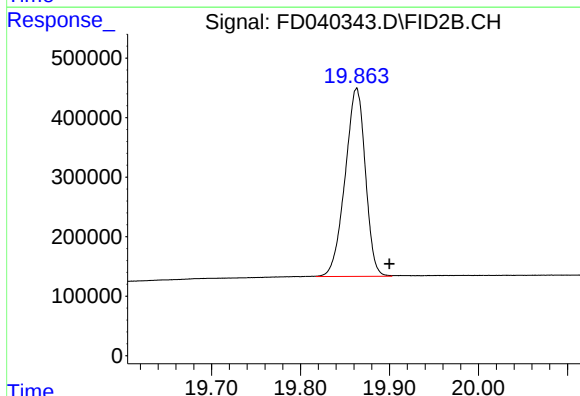
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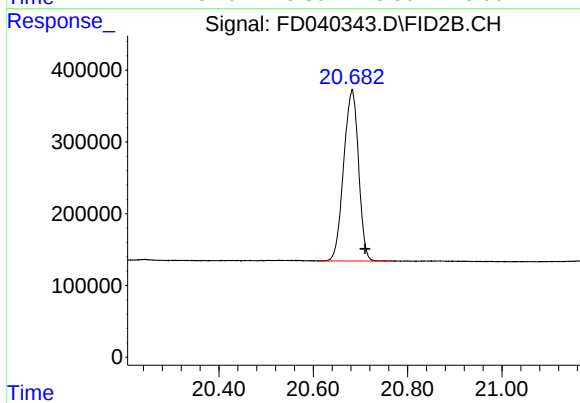
#20 n-Hexatriacontane (C36)

R.T.: 19.158 min
Delta R.T.: -0.045 min
Response: 4914615
Conc: 46.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.863 min
Delta R.T.: -0.037 min
Response: 4999689
Conc: 54.14 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.683 min
Delta R.T.: -0.027 min
Response: 5212238
Conc: 66.94 ug/ml