

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011122AL\
 Data File : FD040552.D
 Signal(s) : FID2B.CH
 Acq On : 11 Jan 2022 20:42
 Operator : AJ\MA
 Sample : PB141888BS
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB141888BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/12/2022
 Supervised By :Ankita Jodhani 01/13/2022

Integration File: sample.E
 Quant Time: Jan 12 00:33:20 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	7479341	48.508 ug/ml
Spiked Amount 50.000		Recovery =	97.02%
12) S 1-chlorooctadecane (S...	12.063	5781450	49.117 ug/ml
Spiked Amount 50.000		Recovery =	98.23%
Target Compounds			
1) T n-Nonane (C9)	2.586	6383030	49.719 ug/ml
2) T n-Decane (C10)	3.567	6918698	53.731 ug/ml
3) T A~Naphthalene (C11.7)	5.092	8384752	59.017 ug/ml
4) T n-Dodecane (C12)	5.530	7623928	59.648 ug/ml
5) T A~2-methylnaphthalene...	6.133	8486290	60.155 ug/ml
6) T n-Tetradecane (C14)	7.309	8109770	62.604 ug/ml
7) T n-Hexadecane (C16)	8.894	8429965	64.704 ug/ml
8) T n-Octadecane (C18)	10.326	8395579	61.959 ug/ml
10) T n-Eicosane (C20)	11.626	8458917	62.189 ug/ml
11) T n-Heneicosane (C21)	12.234	7917659	57.177 ug/ml
13) T n-Docosane (C22)	12.817	7784034	56.452 ug/ml
14) T n-Tetracosane (C24)	13.912	7581406	54.221 ug/ml
15) T n-Hexacosane (C26)	14.930	7163098	51.965 ug/ml
16) T n-Octacosane (C28)	15.871	6967445	51.350 ug/ml
17) T n-Tricontane (C30)	16.756	6765629	51.908 ug/ml
18) T n-Dotriacontane (C32)	17.581	6505811	54.422 ug/ml
19) T n-Tetratriacontane (C34)	18.360	5974139	56.739 ug/ml
20) T n-Hexatriacontane (C36)	19.096	5067142	50.006 ug/ml
21) T n-Octatriacontane (C38)	19.794	4773247	53.425 ug/mlm
22) T n-Tetracontane (C40)	20.595	5029200	58.834 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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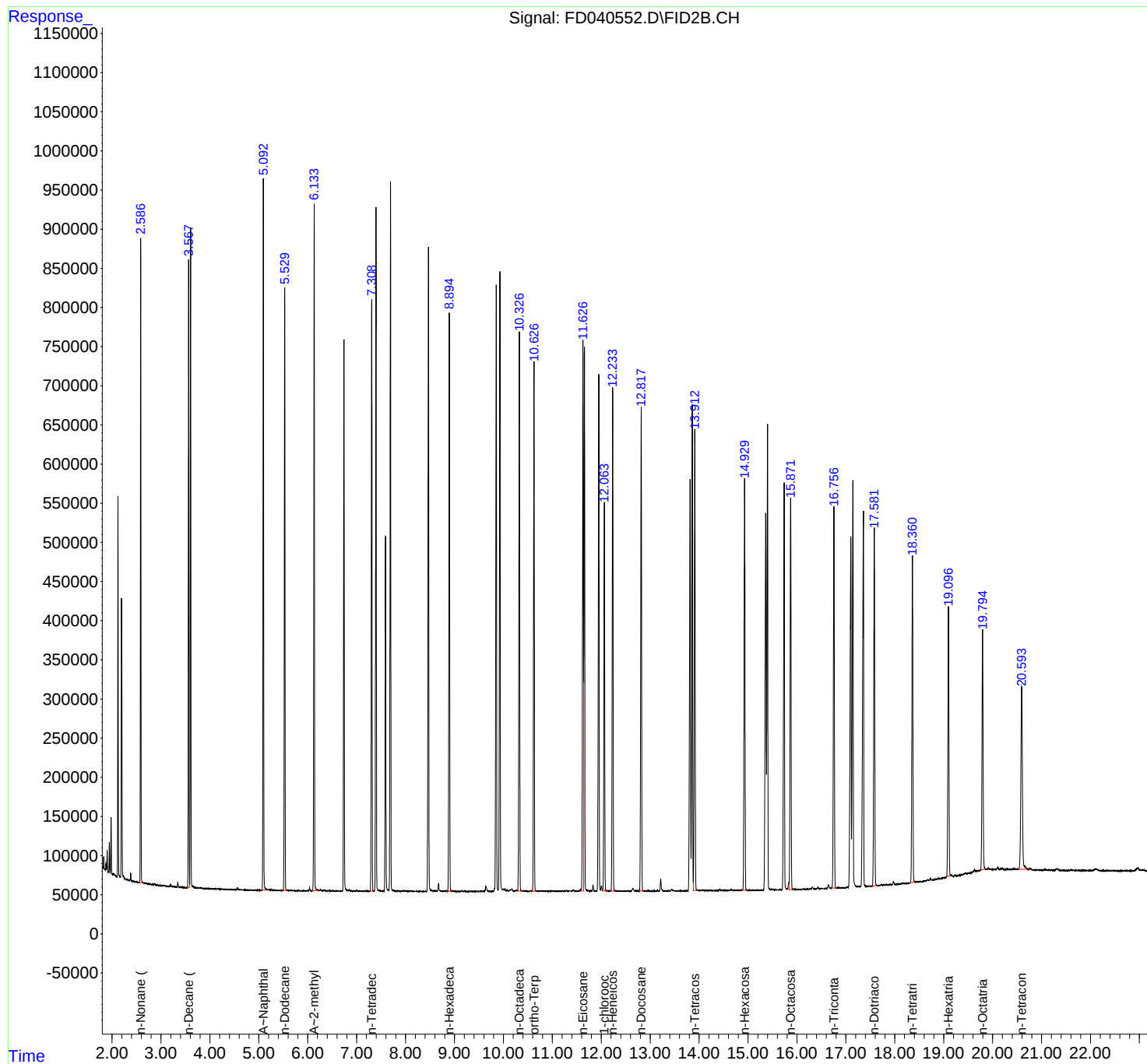
Response via : Initial Calibration

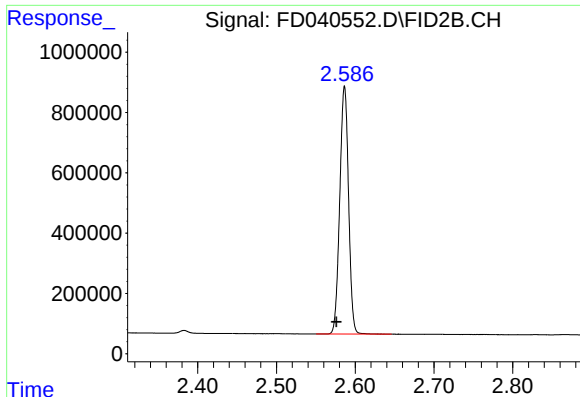
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Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 2.586 min
Delta R.T.: 0.010 min
Response: 6383030
Conc: 49.72 ug/ml

Instrument :

FID_D

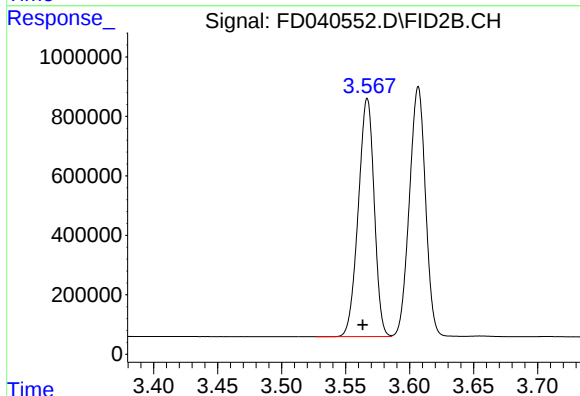
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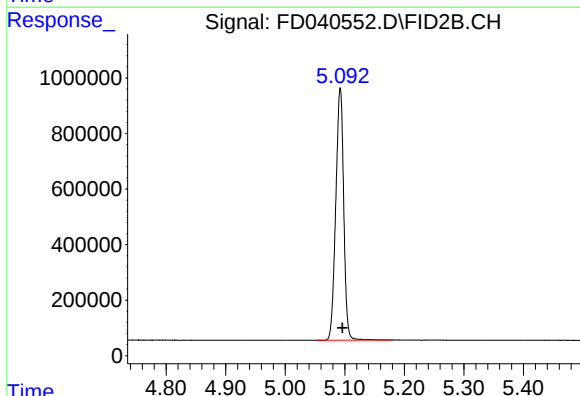
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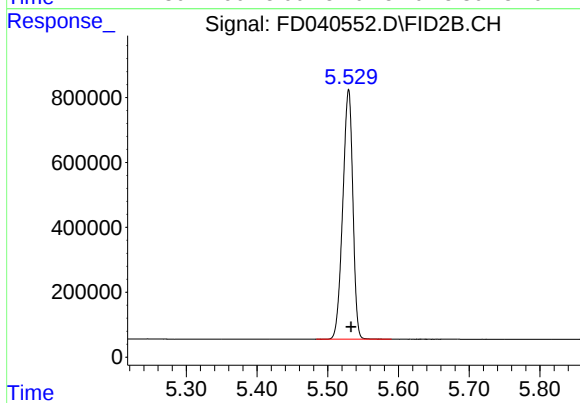
#2 n-Decane (C10)

R.T.: 3.567 min
Delta R.T.: 0.004 min
Response: 6918698
Conc: 53.73 ug/ml



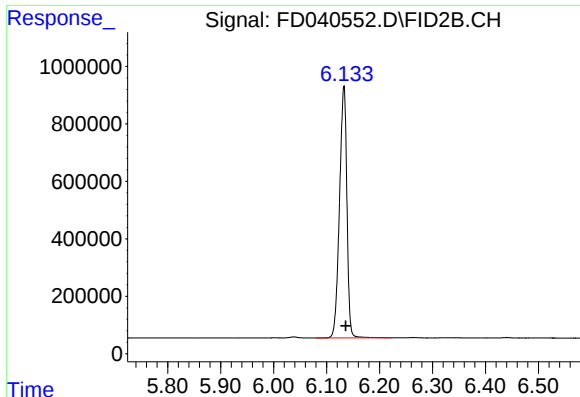
#3 A~Naphthalene (C11.7)

R.T.: 5.092 min
Delta R.T.: -0.004 min
Response: 8384752
Conc: 59.02 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.530 min
Delta R.T.: -0.004 min
Response: 7623928
Conc: 59.65 ug/ml



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

R.T.: 6.133 min
Delta R.T.: -0.003 min
Response: 8486290
Conc: 60.15 ug/ml

Instrument :

FID_D

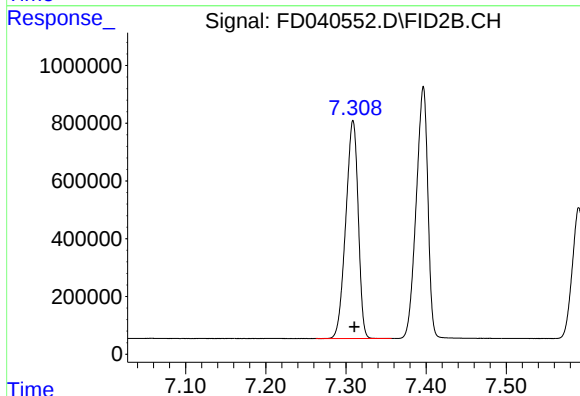
ClientSampleId :

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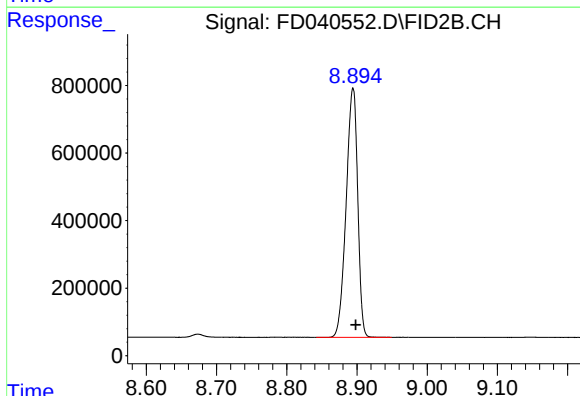
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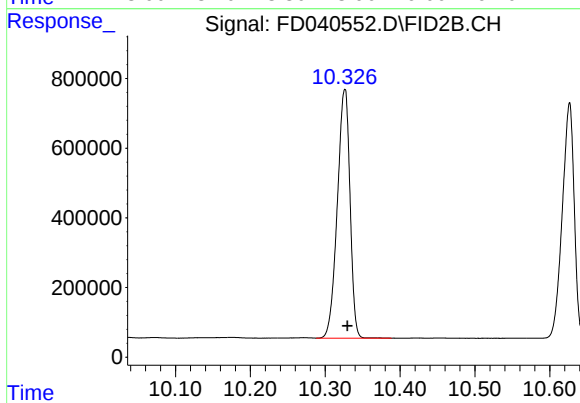
#6 n-Tetradecane (C14)

R.T.: 7.309 min
Delta R.T.: -0.002 min
Response: 8109770
Conc: 62.60 ug/ml



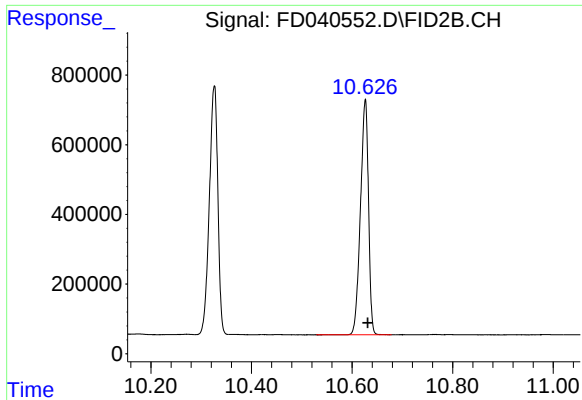
#7 n-Hexadecane (C16)

R.T.: 8.894 min
Delta R.T.: -0.004 min
Response: 8429965
Conc: 64.70 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.326 min
Delta R.T.: -0.004 min
Response: 8395579
Conc: 61.96 ug/ml



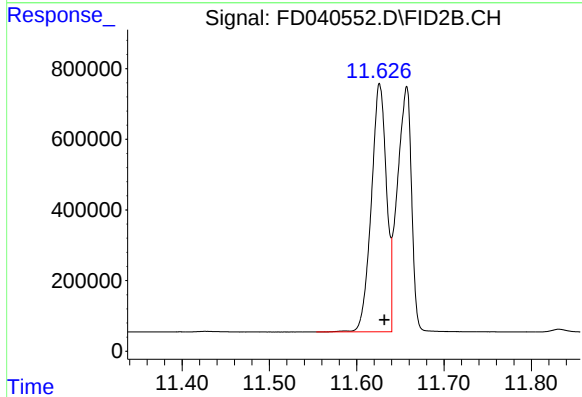
#9 ortho-Terphenyl (SURR)

R.T.: 10.626 min
Delta R.T.: -0.005 min
Response: 7479341
Conc: 48.51 ug/ml

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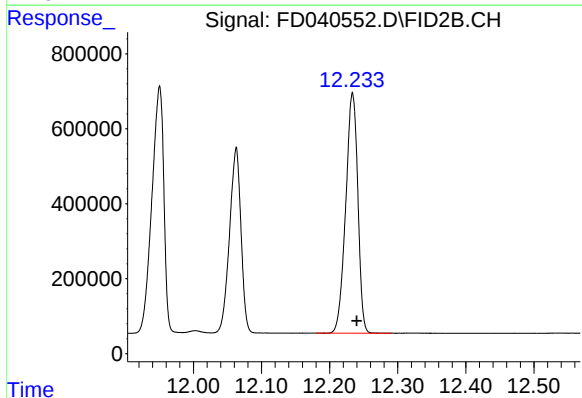
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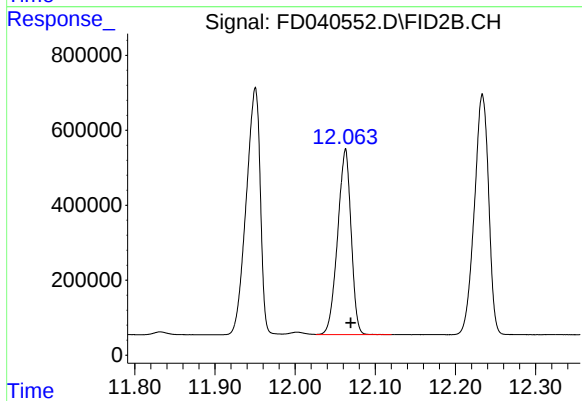
#10 n-Eicosane (C20)

R.T.: 11.626 min
Delta R.T.: -0.005 min
Response: 8458917
Conc: 62.19 ug/ml



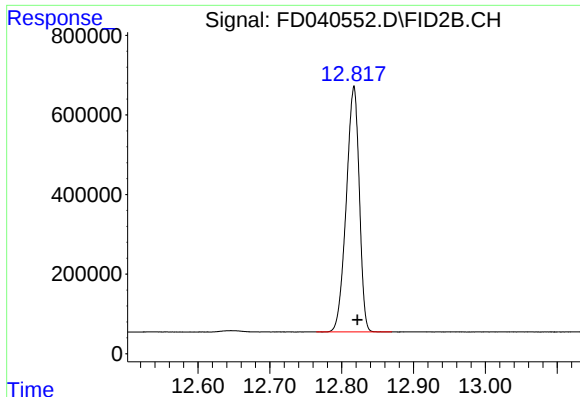
#11 n-Heneicosane (C21)

R.T.: 12.234 min
Delta R.T.: -0.006 min
Response: 7917659
Conc: 57.18 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.063 min
Delta R.T.: -0.006 min
Response: 5781450
Conc: 49.12 ug/ml



#13 n-Docosane (C22)

R.T.: 12.817 min
Delta R.T.: -0.005 min
Response: 7784034
Conc: 56.45 ug/ml

Instrument :

FID_D

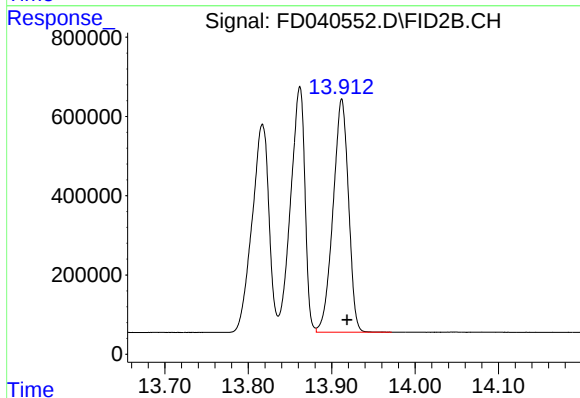
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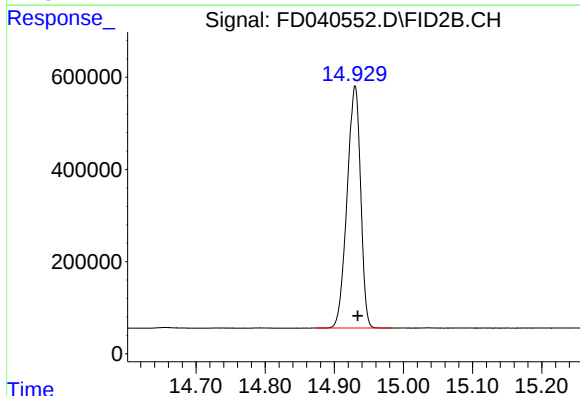
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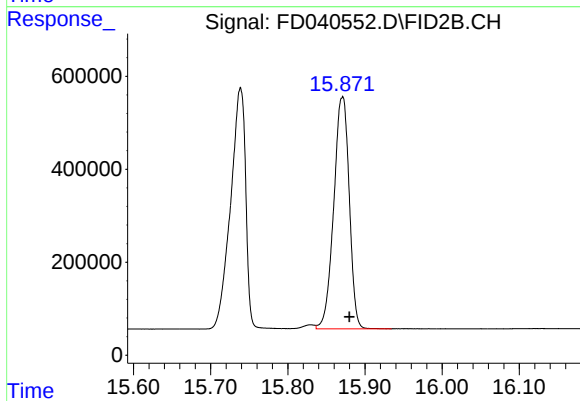
#14 n-Tetracosane (C24)

R.T.: 13.912 min
Delta R.T.: -0.006 min
Response: 7581406
Conc: 54.22 ug/ml



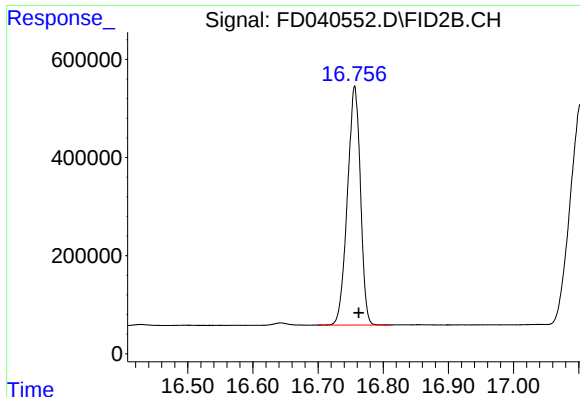
#15 n-Hexacosane (C26)

R.T.: 14.930 min
Delta R.T.: -0.004 min
Response: 7163098
Conc: 51.96 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.871 min
Delta R.T.: -0.009 min
Response: 6967445
Conc: 51.35 ug/ml



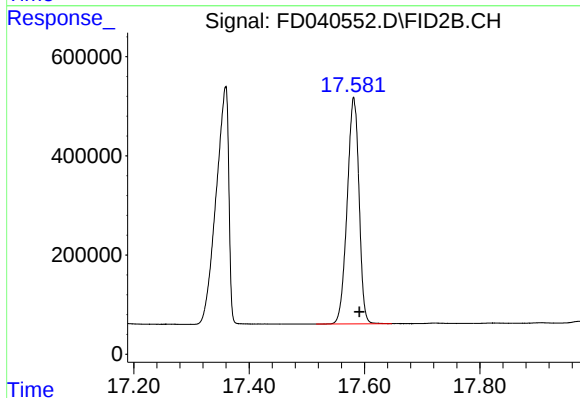
#17 n-Tricontane (C30)

R.T.: 16.756 min
Delta R.T.: -0.006 min
Response: 6765629
Conc: 51.91 ug/ml

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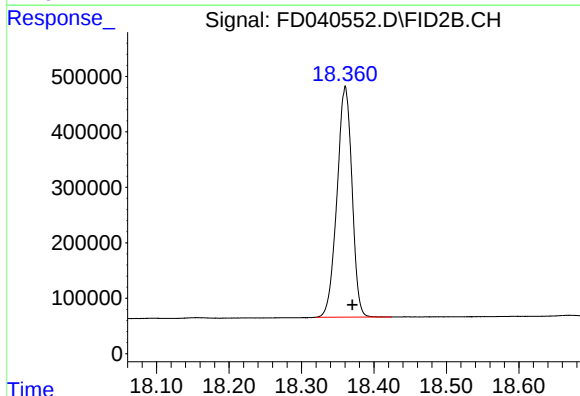
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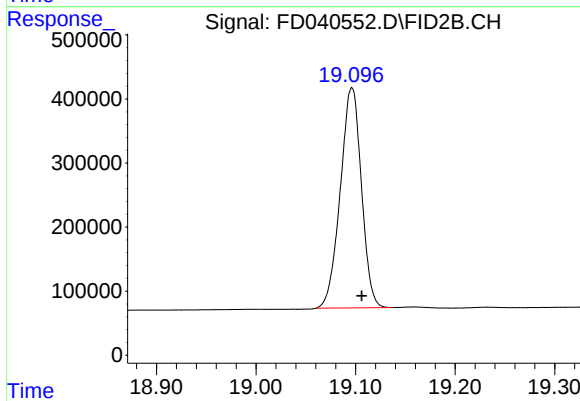
#18 n-Dotriacontane (C32)

R.T.: 17.581 min
Delta R.T.: -0.010 min
Response: 6505811
Conc: 54.42 ug/ml



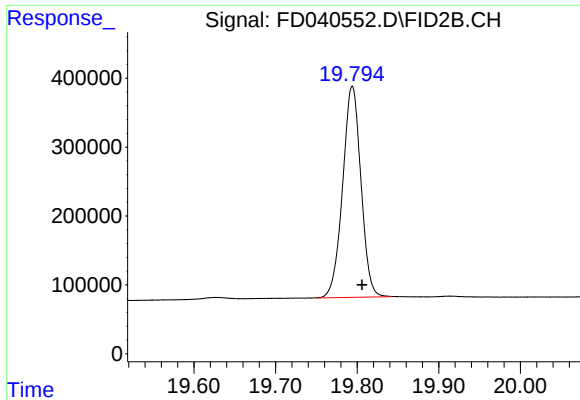
#19 n-Tetratriacontane (C34)

R.T.: 18.360 min
Delta R.T.: -0.010 min
Response: 5974139
Conc: 56.74 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.096 min
Delta R.T.: -0.010 min
Response: 5067142
Conc: 50.01 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.794 min
Delta R.T.: -0.012 min
Response: 4773247
Conc: 53.42 ug/ml

Instrument :

FID_D

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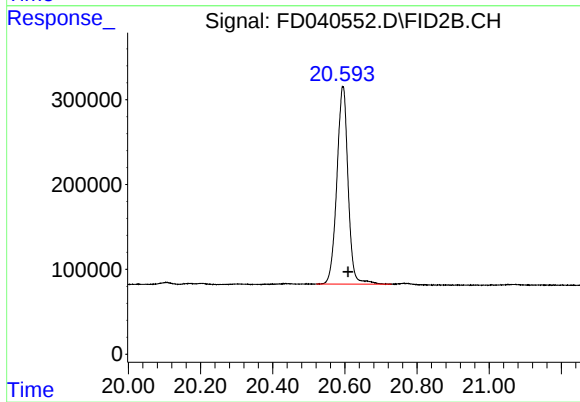
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#22 n-Tetracontane (C40)

R.T.: 20.595 min
Delta R.T.: -0.015 min
Response: 5029200
Conc: 58.83 ug/ml