

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD123021AL\
 Data File : FD040323.D
 Signal(s) : FID2B.CH
 Acq On : 31 Dec 2021 4:10
 Operator : AJ\MA
 Sample : PB141763BS
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB141763BS

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 03:00:33 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			
9) S ortho-Terphenyl (SURR)	10.696	6849257	43.966 ug/ml
Spiked Amount 50.000		Recovery =	87.93%
12) S 1-chlorooctadecane (S...	12.130	5420769	44.949 ug/ml
Spiked Amount 50.000		Recovery =	89.90%
Target Compounds			
1) T n-Nonane (C9)	2.639	5140397	39.171 ug/ml
2) T n-Decane (C10)	3.626	5436958	41.075 ug/ml
3) T A~Naphthalene (C11.7)	5.160	6258819	42.418 ug/ml
4) T n-Dodecane (C12)	5.593	5658507	42.607 ug/ml
5) T A~2-methylnaphthalene...	6.200	6131640	41.322 ug/ml
6) T n-Tetradecane (C14)	7.372	5929162	42.887 ug/ml
7) T n-Hexadecane (C16)	8.958	6417351	46.802 ug/ml
8) T n-Octadecane (C18)	10.391	6589767	46.664 ug/ml
10) T n-Eicosane (C20)	11.727	6204744	44.381 ug/ml
11) T n-Heneicosane (C21)	12.299	6375765	45.063 ug/ml
13) T n-Docosane (C22)	12.883	6316596	45.009 ug/ml
14) T n-Tetracosane (C24)	13.979	6222629	44.319 ug/ml
15) T n-Hexacosane (C26)	14.996	5940328	43.200 ug/ml
16) T n-Octacosane (C28)	15.938	5812027	42.725 ug/ml
17) T n-Tricontane (C30)	16.822	5475934	40.918 ug/ml
18) T n-Dotriacontane (C32)	17.649	5140036	39.708 ug/ml
19) T n-Tetratriacontane (C34)	18.428	4648491	38.340 ug/mlm
20) T n-Hexatriacontane (C36)	19.164	3916725	36.753 ug/mlm
21) T n-Octatriacontane (C38)	19.867	3595881	38.939 ug/mlm
22) T n-Tetracontane (C40)	20.689	3592687	46.140 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Quant Title : GC Extractables

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

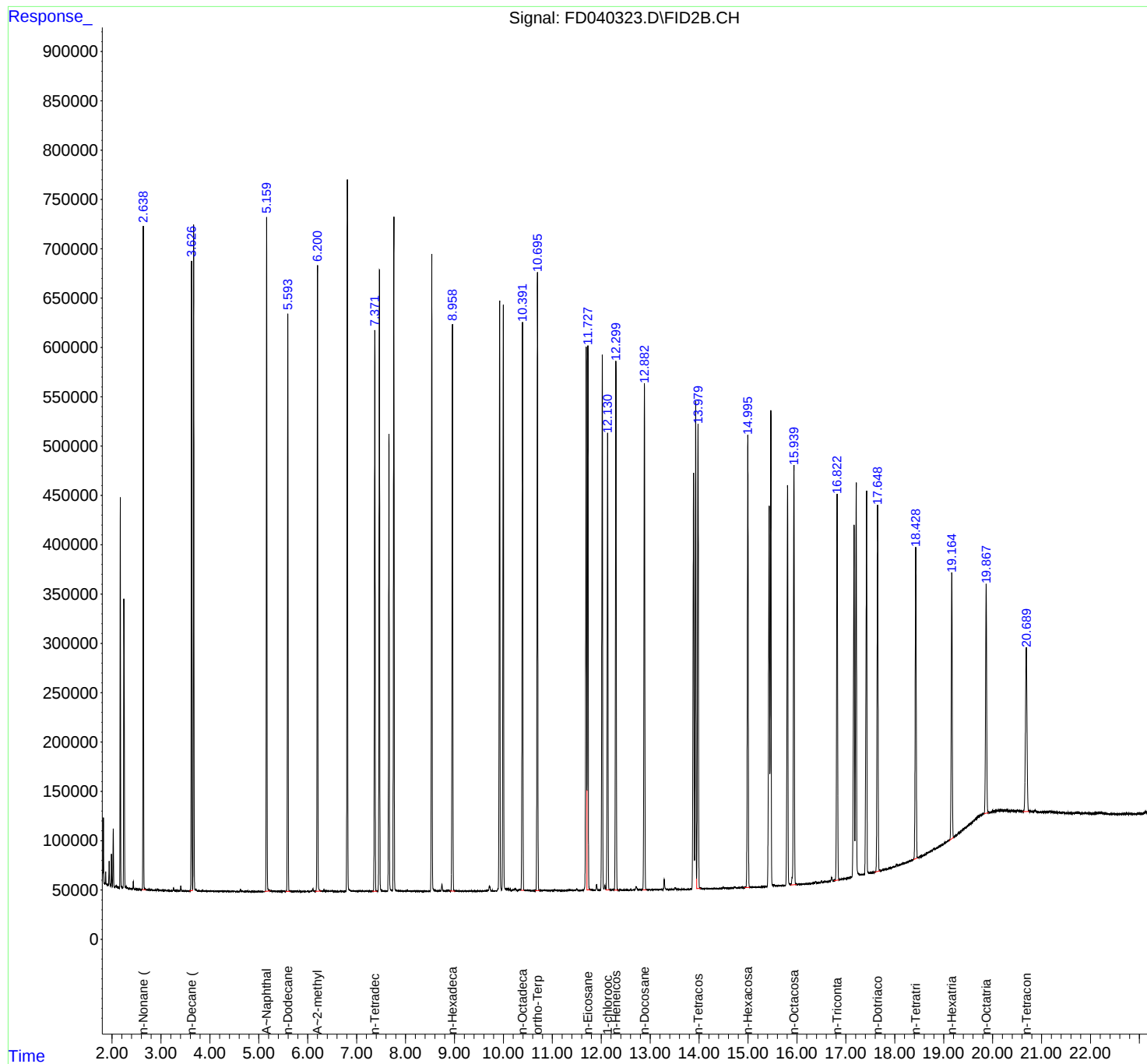
Response via : Initial Calibration

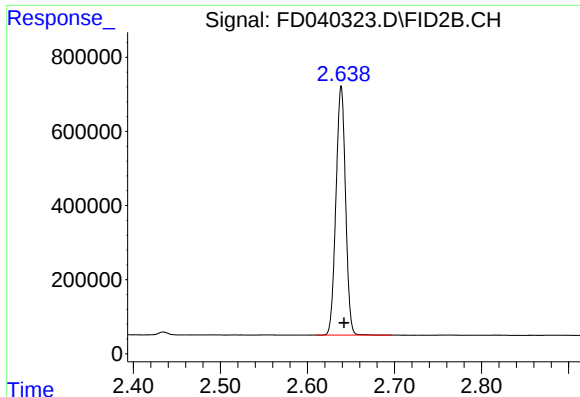
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 2.639 min
Delta R.T.: -0.003 min
Response: 5140397
Conc: 39.17 ug/ml

Instrument :

FID_D

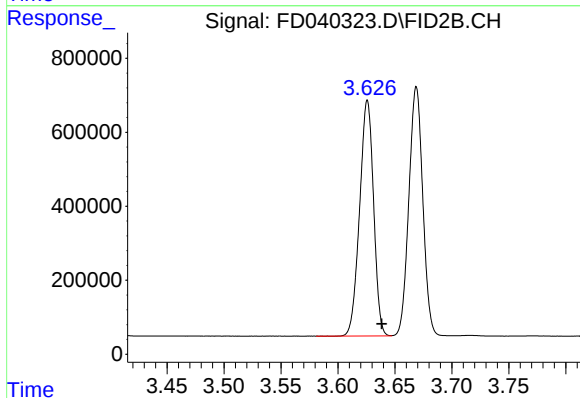
ClientSampleId :

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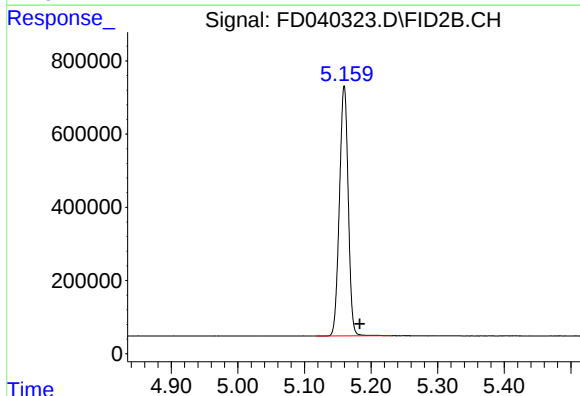
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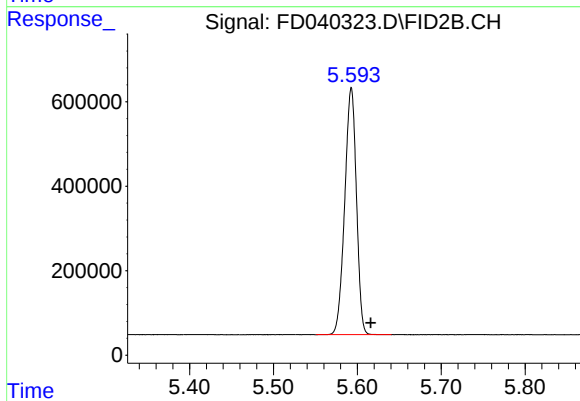
#2 n-Decane (C10)

R.T.: 3.626 min
Delta R.T.: -0.013 min
Response: 5436958
Conc: 41.07 ug/ml



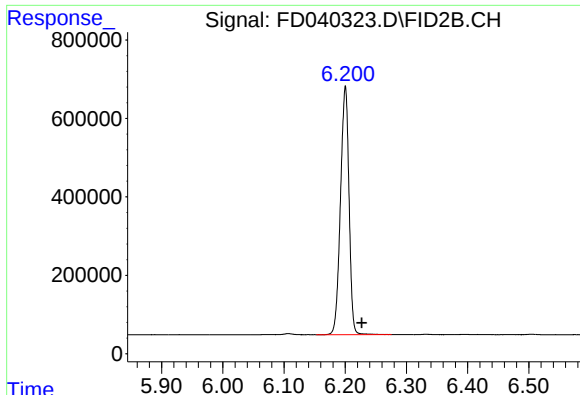
#3 A~Naphthalene (C11.7)

R.T.: 5.160 min
Delta R.T.: -0.023 min
Response: 6258819
Conc: 42.42 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.593 min
Delta R.T.: -0.023 min
Response: 5658507
Conc: 42.61 ug/ml



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

R.T.: 6.200 min
Delta R.T.: -0.027 min
Response: 6131640
Conc: 41.32 ug/ml

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FID_D

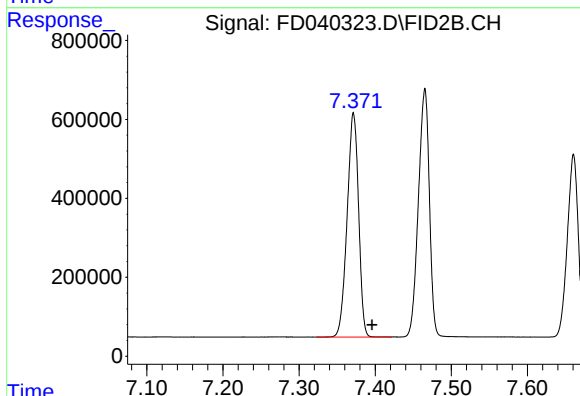
ClientSampleId :

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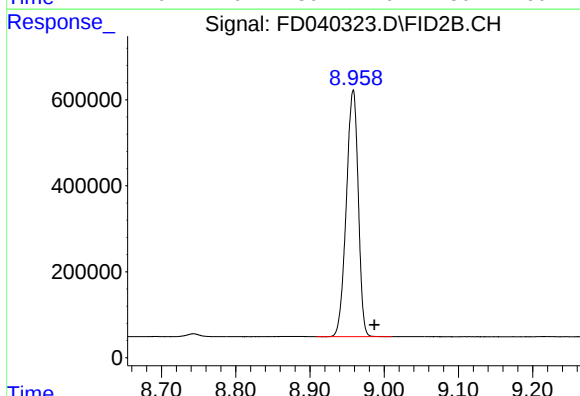
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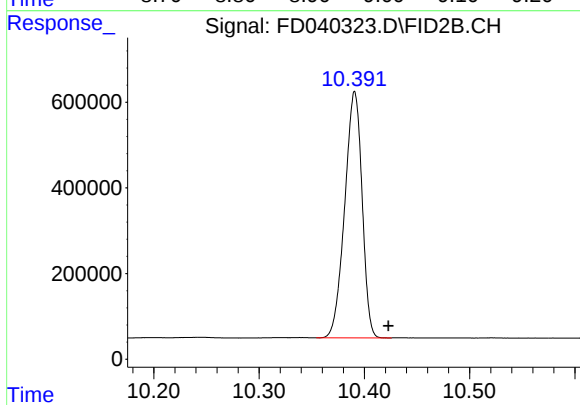
#6 n-Tetradecane (C14)

R.T.: 7.372 min
Delta R.T.: -0.024 min
Response: 5929162
Conc: 42.89 ug/ml



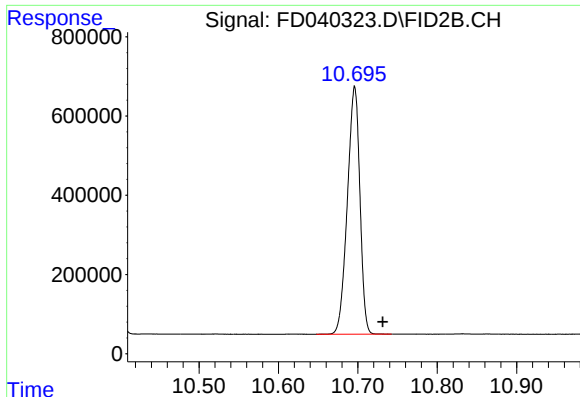
#7 n-Hexadecane (C16)

R.T.: 8.958 min
Delta R.T.: -0.029 min
Response: 6417351
Conc: 46.80 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.391 min
Delta R.T.: -0.032 min
Response: 6589767
Conc: 46.66 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 10.696 min
Delta R.T.: -0.035 min
Response: 6849257
Conc: 43.97 ug/ml

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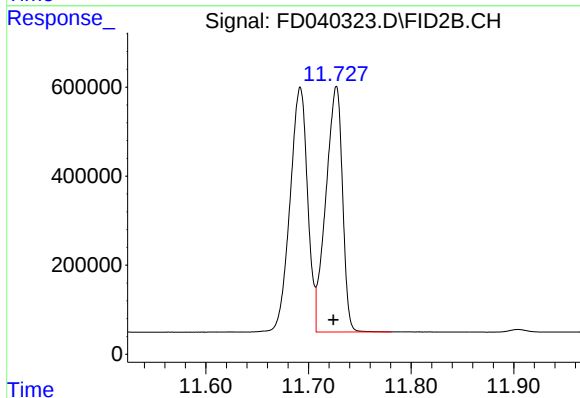
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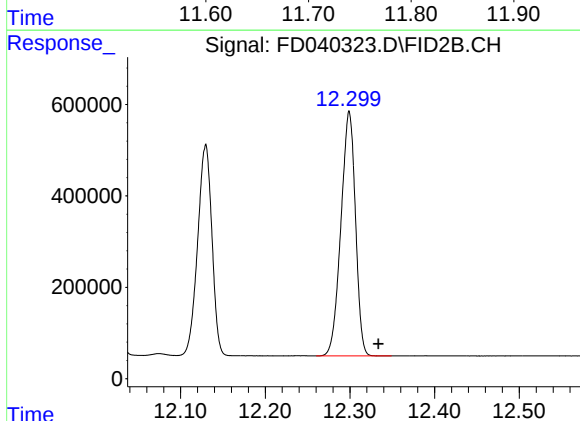
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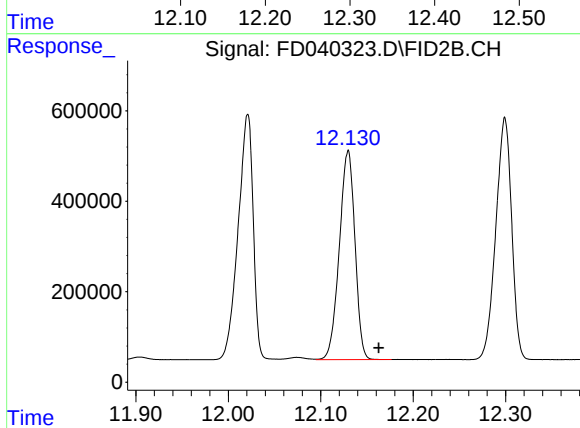
#10 n-Eicosane (C20)

R.T.: 11.727 min
Delta R.T.: 0.003 min
Response: 6204744
Conc: 44.38 ug/ml



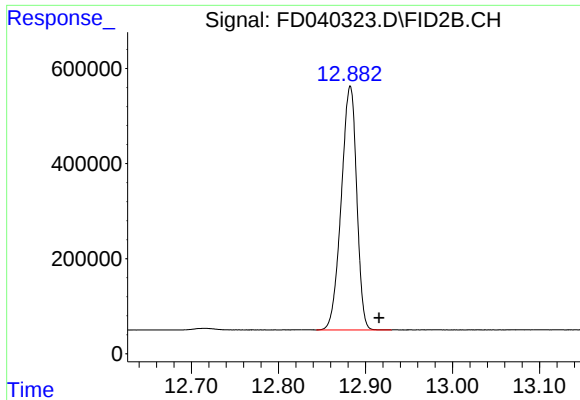
#11 n-Heneicosane (C21)

R.T.: 12.299 min
Delta R.T.: -0.034 min
Response: 6375765
Conc: 45.06 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.130 min
Delta R.T.: -0.033 min
Response: 5420769
Conc: 44.95 ug/ml



#13 n-Docosane (C22)

R.T.: 12.883 min
Delta R.T.: -0.033 min
Response: 6316596
Conc: 45.01 ug/ml

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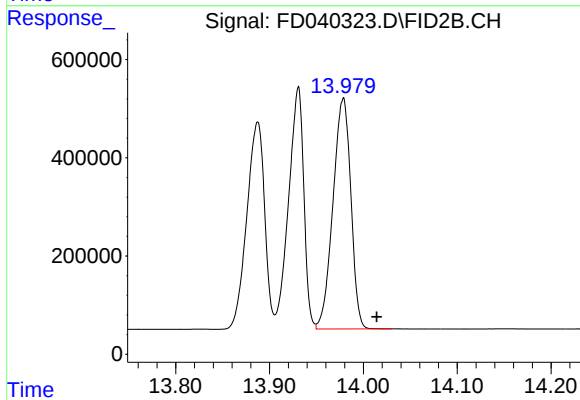
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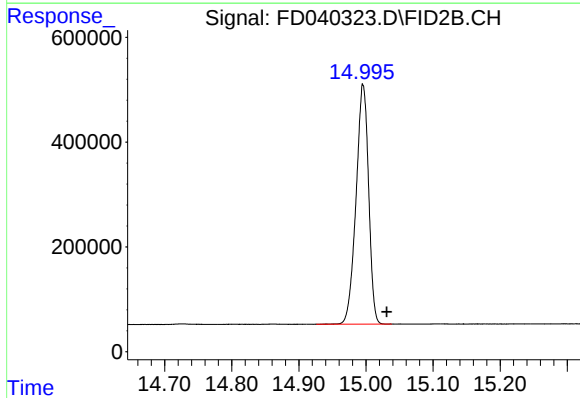
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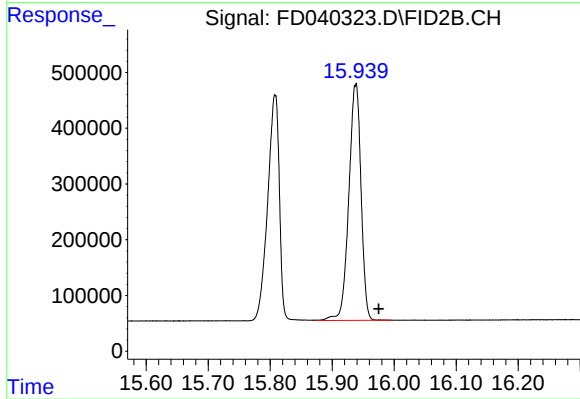
#14 n-Tetracosane (C24)

R.T.: 13.979 min
Delta R.T.: -0.035 min
Response: 6222629
Conc: 44.32 ug/ml



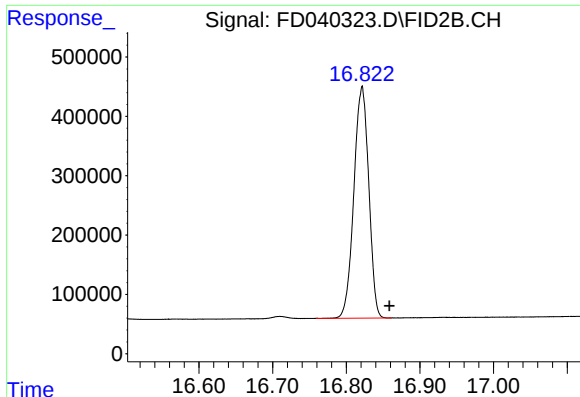
#15 n-Hexacosane (C26)

R.T.: 14.996 min
Delta R.T.: -0.035 min
Response: 5940328
Conc: 43.20 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.938 min
Delta R.T.: -0.037 min
Response: 5812027
Conc: 42.72 ug/ml



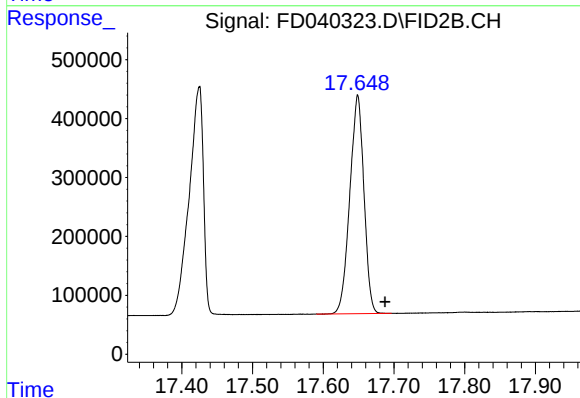
#17 n-Tricontane (C30)

R.T.: 16.822 min
Delta R.T.: -0.037 min
Response: 5475934
Conc: 40.92 ug/ml

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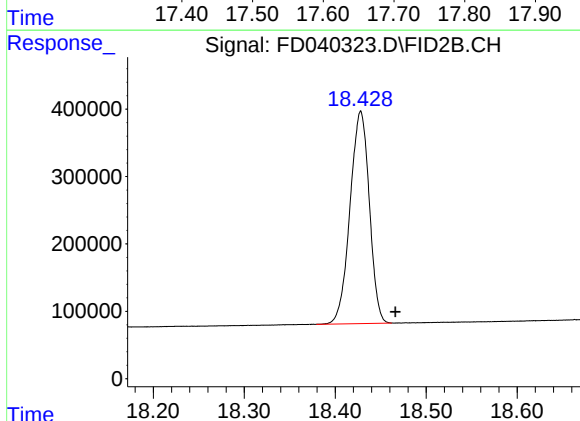
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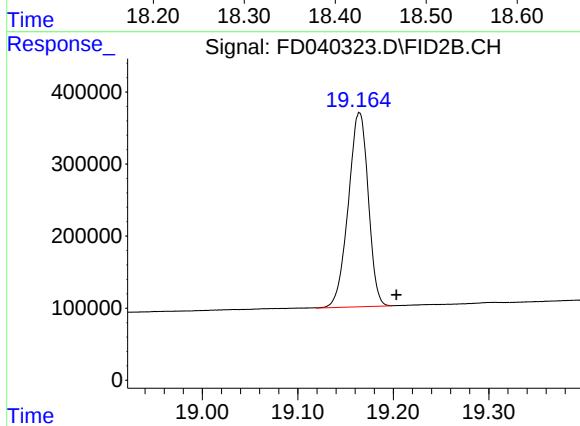
#18 n-Dotriacontane (C32)

R.T.: 17.649 min
Delta R.T.: -0.038 min
Response: 5140036
Conc: 39.71 ug/ml



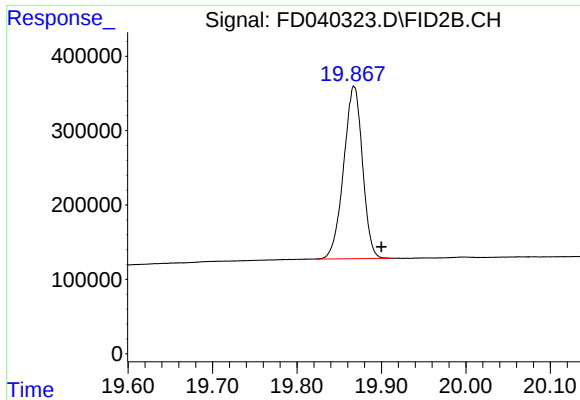
#19 n-Tetratriacontane (C34)

R.T.: 18.428 min
Delta R.T.: -0.038 min
Response: 4648491
Conc: 38.34 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.164 min
Delta R.T.: -0.039 min
Response: 3916725
Conc: 36.75 ug/ml m



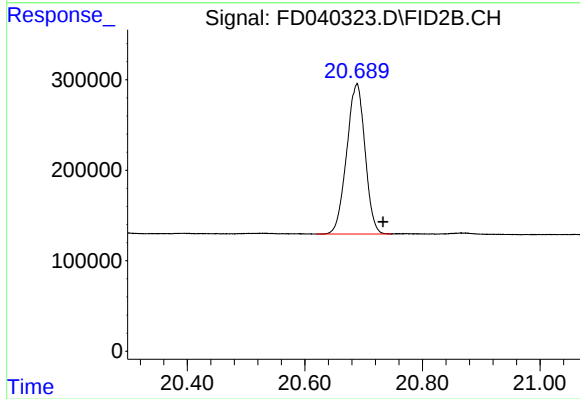
#21 n-Octatriacontane (C38)

R.T.: 19.867 min
Delta R.T.: -0.033 min
Response: 3595881
Conc: 38.94 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.689 min
Delta R.T.: -0.044 min
Response: 3592687
Conc: 46.14 ug/ml