

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD123021AL\
 Data File : FD040324.D
 Signal(s) : FID2B.CH
 Acq On : 31 Dec 2021 4:44
 Operator : AJ\MA
 Sample : PB141763BSD
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB141763BSD

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 03:01:49 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	6716618	43.114 ug/ml
Spiked Amount 50.000		Recovery =	86.23%
12) S 1-chlorooctadecane (S...	12.129	5306834	44.004 ug/ml
Spiked Amount 50.000		Recovery =	88.01%
Target Compounds			
1) T n-Nonane (C9)	2.638	5033816	38.359 ug/ml
2) T n-Decane (C10)	3.625	5329004	40.259 ug/ml
3) T A~Naphthalene (C11.7)	5.159	6134996	41.578 ug/ml
4) T n-Dodecane (C12)	5.592	5548065	41.775 ug/ml
5) T A~2-methylnaphthalene...	6.199	6013242	40.524 ug/ml
6) T n-Tetradecane (C14)	7.371	5807460	42.006 ug/ml
7) T n-Hexadecane (C16)	8.957	6277901	45.785 ug/ml
8) T n-Octadecane (C18)	10.390	6451448	45.685 ug/ml
10) T n-Eicosane (C20)	11.726	6115652	43.744 ug/ml
11) T n-Heneicosane (C21)	12.298	6239622	44.100 ug/ml
13) T n-Docosane (C22)	12.882	6183265	44.059 ug/ml
14) T n-Tetracosane (C24)	13.978	6109185	43.511 ug/ml
15) T n-Hexacosane (C26)	14.995	5841152	42.479 ug/ml
16) T n-Octacosane (C28)	15.938	5728148	42.108 ug/ml
17) T n-Tricontane (C30)	16.822	5419074	40.493 ug/ml
18) T n-Dotriacontane (C32)	17.649	5089817	39.320 ug/ml
19) T n-Tetratriacontane (C34)	18.426	4604265	37.975 ug/mlm
20) T n-Hexatriacontane (C36)	19.163	3872637	36.339 ug/mlm
21) T n-Octatriacontane (C38)	19.865	3561586	38.567 ug/mlm
22) T n-Tetracontane (C40)	20.690	3547904	45.565 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : AJ\MA
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ALS Vial : 66 Sample Multiplier: 1

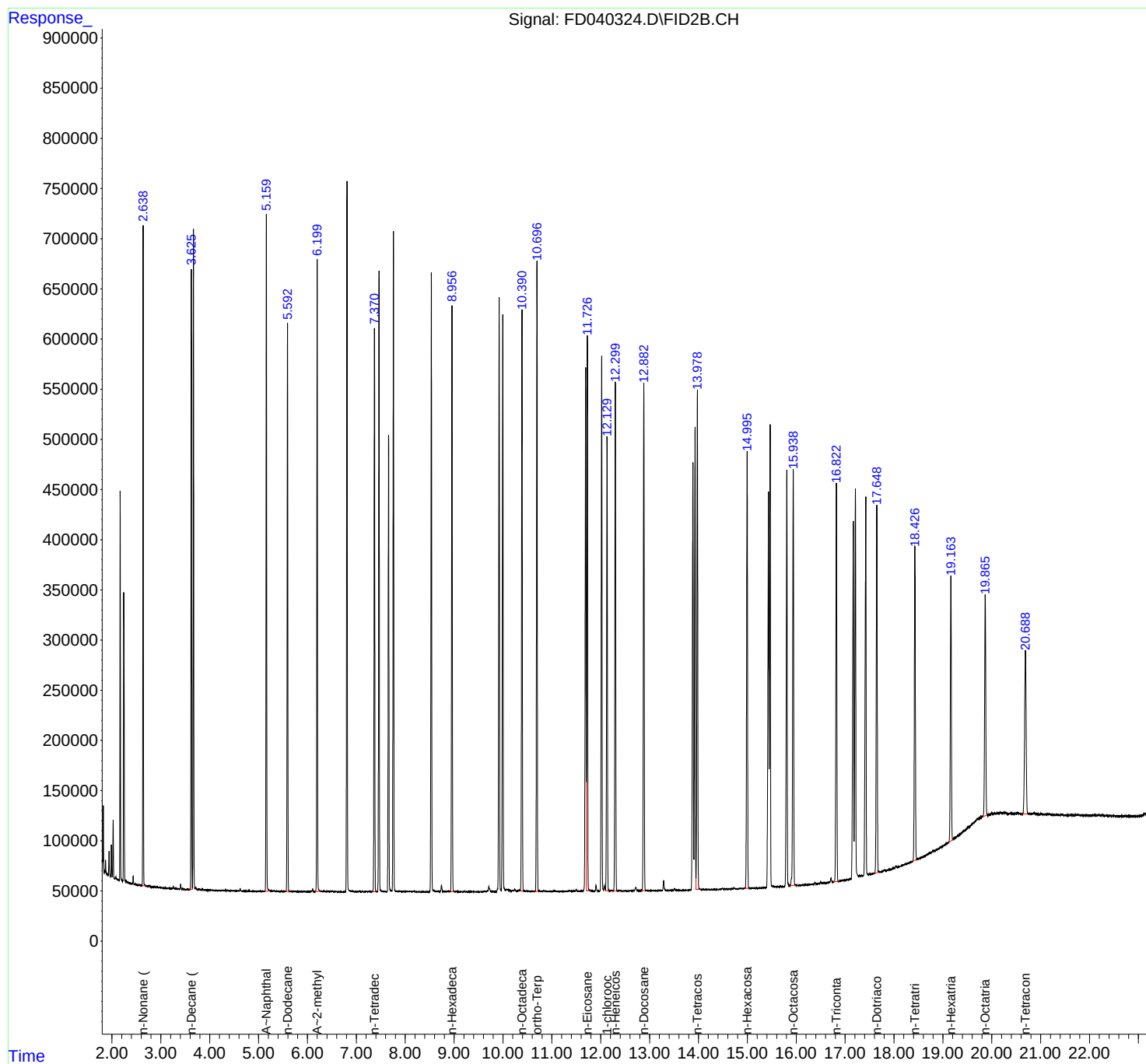
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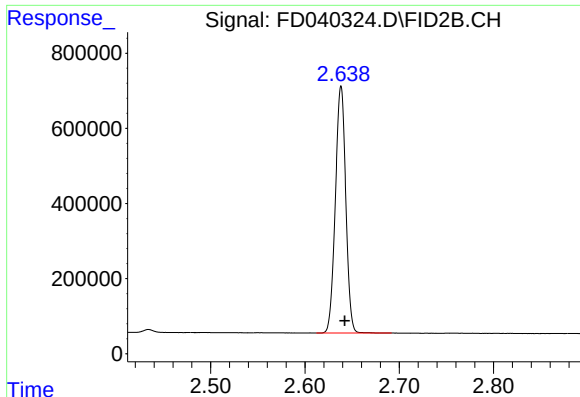
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#1 n-Nonane (C9)

R.T.: 2.638 min
Delta R.T.: -0.004 min
Response: 5033816
Conc: 38.36 ug/ml

Instrument :

FID_D

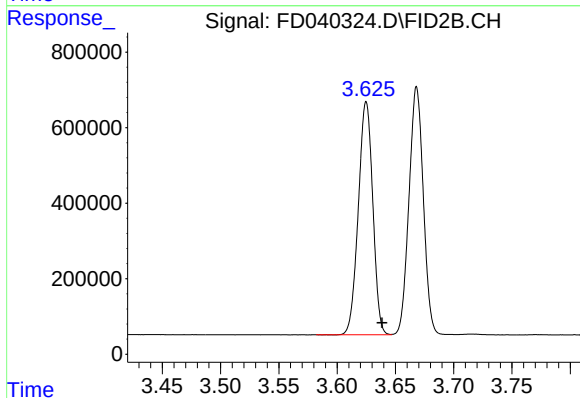
ClientSampleId :

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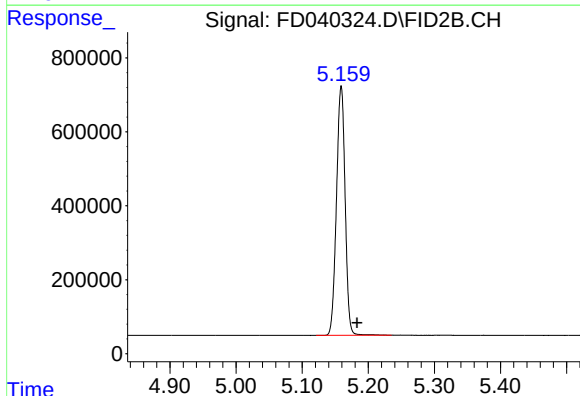
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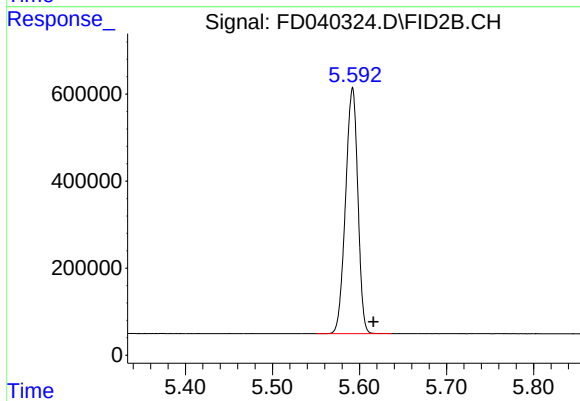
#2 n-Decane (C10)

R.T.: 3.625 min
Delta R.T.: -0.014 min
Response: 5329004
Conc: 40.26 ug/ml



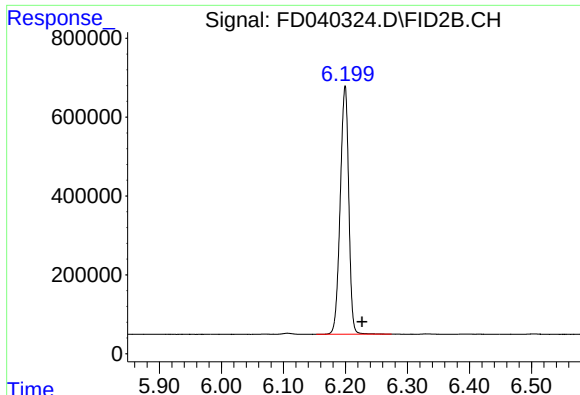
#3 A~Naphthalene (C11.7)

R.T.: 5.159 min
Delta R.T.: -0.024 min
Response: 6134996
Conc: 41.58 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.592 min
Delta R.T.: -0.024 min
Response: 5548065
Conc: 41.78 ug/ml



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

R.T.: 6.199 min
Delta R.T.: -0.028 min
Response: 6013242
Conc: 40.52 ug/ml

Instrument :

FID_D

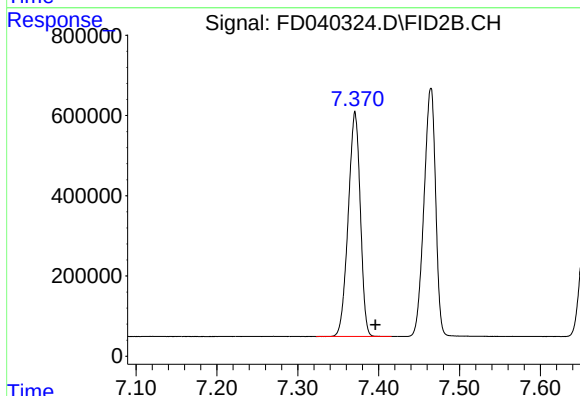
ClientSampleId :

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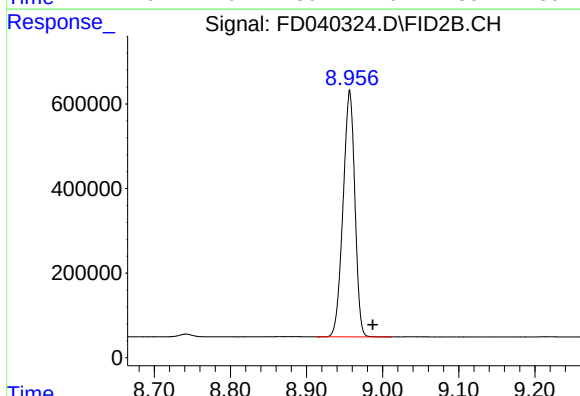
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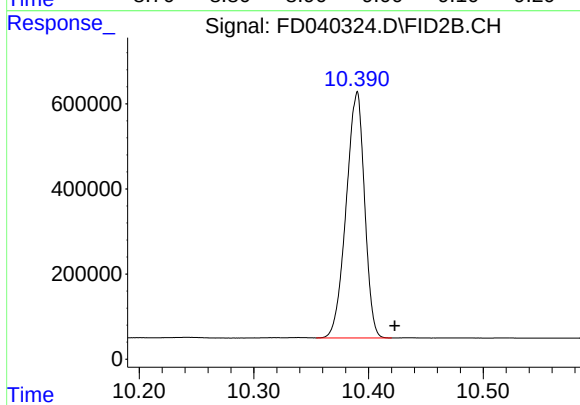
#6 n-Tetradecane (C14)

R.T.: 7.371 min
Delta R.T.: -0.025 min
Response: 5807460
Conc: 42.01 ug/ml



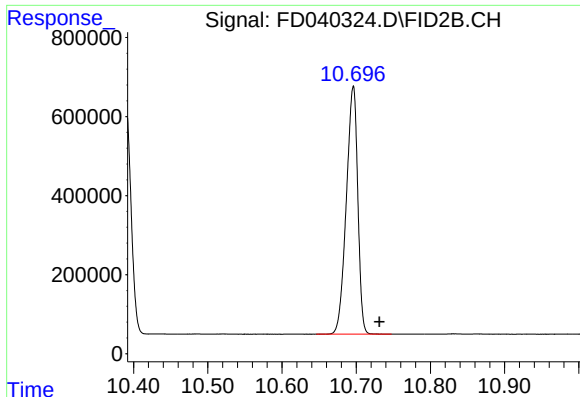
#7 n-Hexadecane (C16)

R.T.: 8.957 min
Delta R.T.: -0.030 min
Response: 6277901
Conc: 45.79 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.390 min
Delta R.T.: -0.033 min
Response: 6451448
Conc: 45.68 ug/ml



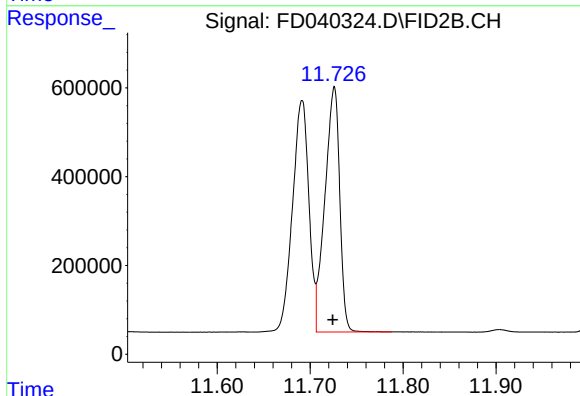
#9 ortho-Terphenyl (SURR)

R.T.: 10.696 min
Delta R.T.: -0.035 min
Response: 6716618
Conc: 43.11 ug/ml

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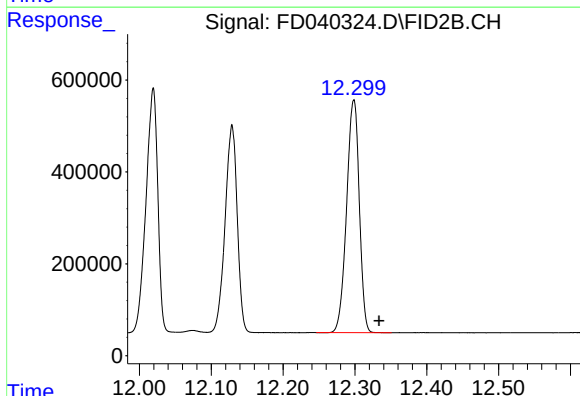
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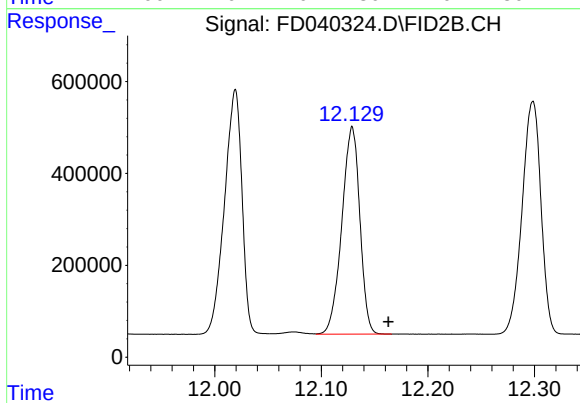
#10 n-Eicosane (C20)

R.T.: 11.726 min
Delta R.T.: 0.002 min
Response: 6115652
Conc: 43.74 ug/ml



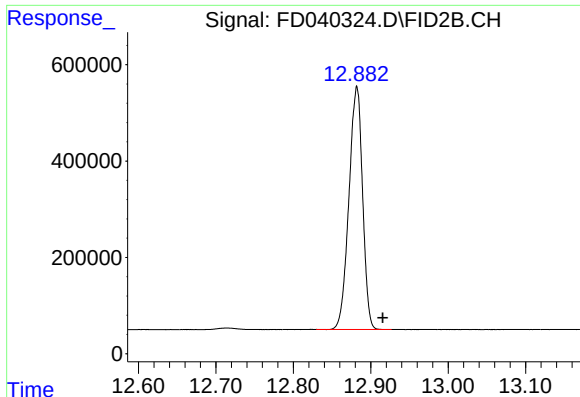
#11 n-Heneicosane (C21)

R.T.: 12.298 min
Delta R.T.: -0.035 min
Response: 6239622
Conc: 44.10 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.129 min
Delta R.T.: -0.034 min
Response: 5306834
Conc: 44.00 ug/ml



#13 n-Docosane (C22)

R.T.: 12.882 min
Delta R.T.: -0.034 min
Response: 6183265
Conc: 44.06 ug/ml

Instrument :

FID_D

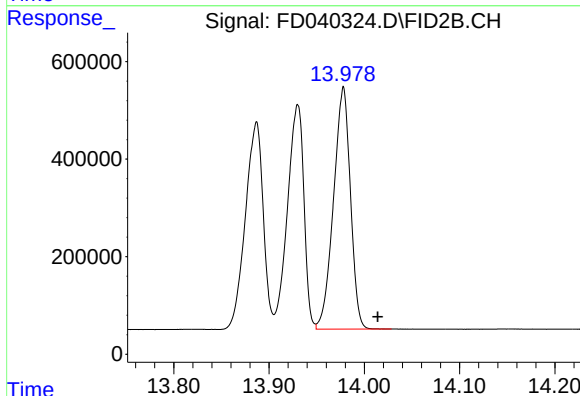
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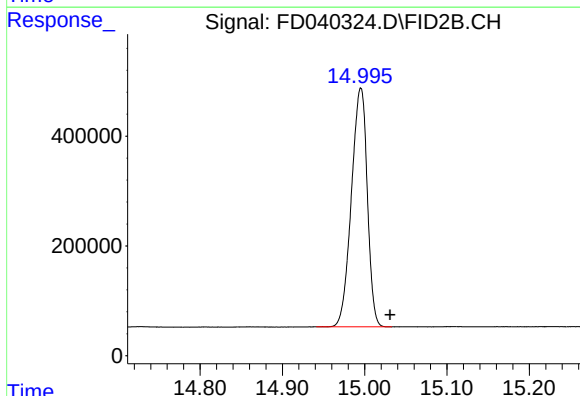
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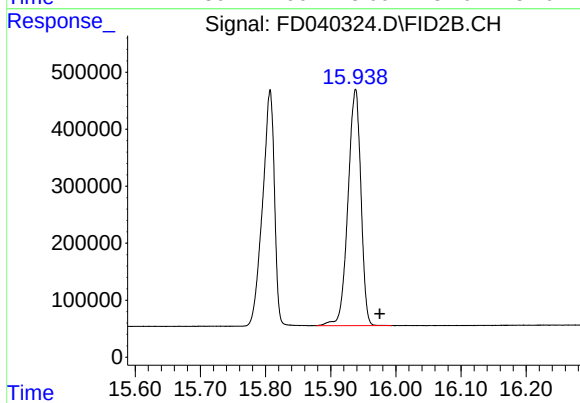
#14 n-Tetracosane (C24)

R.T.: 13.978 min
Delta R.T.: -0.036 min
Response: 6109185
Conc: 43.51 ug/ml



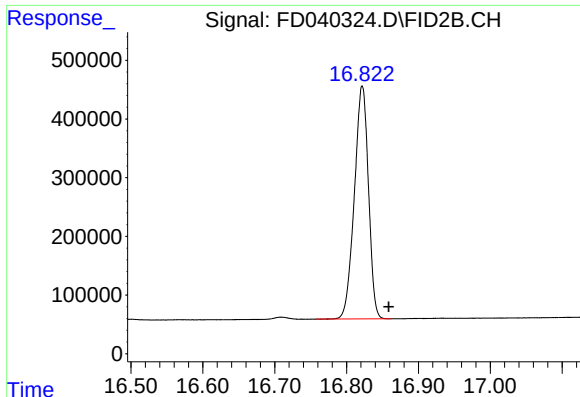
#15 n-Hexacosane (C26)

R.T.: 14.995 min
Delta R.T.: -0.036 min
Response: 5841152
Conc: 42.48 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.938 min
Delta R.T.: -0.037 min
Response: 5728148
Conc: 42.11 ug/ml



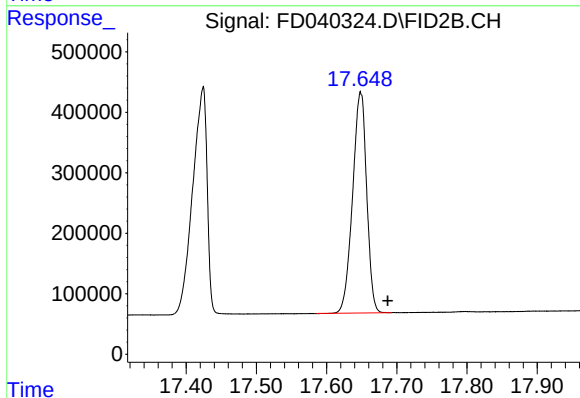
#17 n-Tricontane (C30)

R.T.: 16.822 min
Delta R.T.: -0.037 min
Response: 5419074
Conc: 40.49 ug/ml

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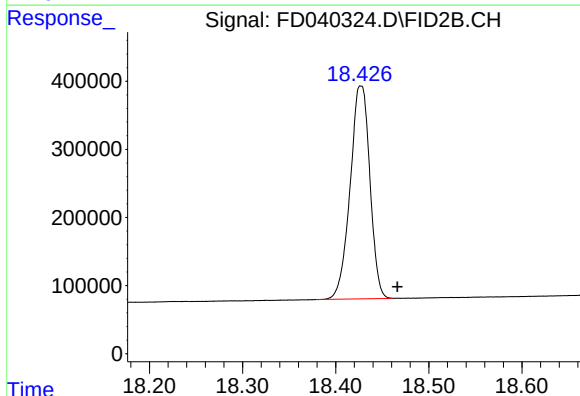
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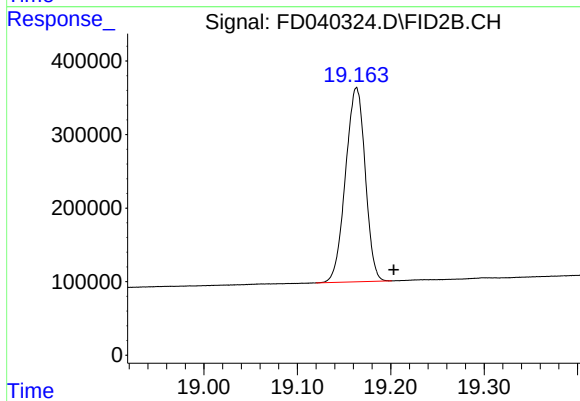
#18 n-Dotriacontane (C32)

R.T.: 17.649 min
Delta R.T.: -0.039 min
Response: 5089817
Conc: 39.32 ug/ml



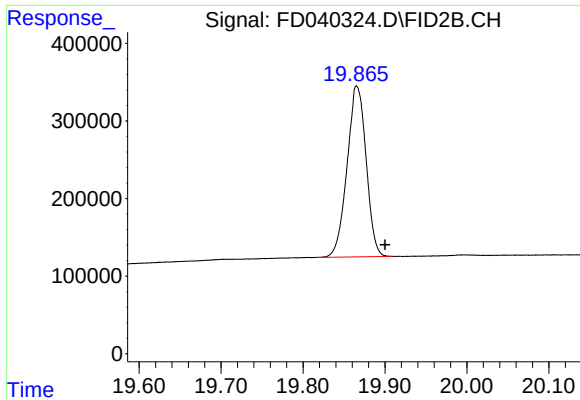
#19 n-Tetratriacontane (C34)

R.T.: 18.426 min
Delta R.T.: -0.040 min
Response: 4604265
Conc: 37.98 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.163 min
Delta R.T.: -0.040 min
Response: 3872637
Conc: 36.34 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.865 min
Delta R.T.: -0.035 min
Response: 3561586
Conc: 38.57 ug/ml

Instrument :

FID_D

ClientSampleId :

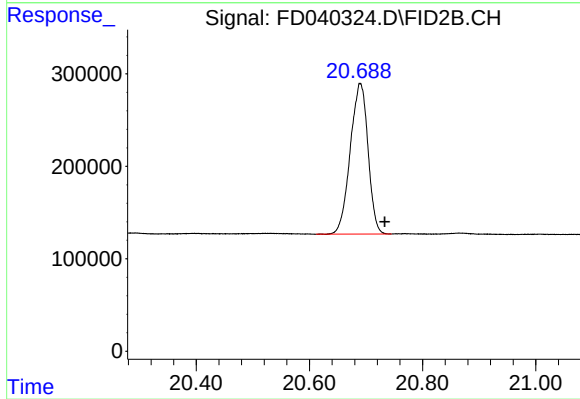
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#22 n-Tetracontane (C40)

R.T.: 20.690 min
Delta R.T.: -0.043 min
Response: 3547904
Conc: 45.56 ug/ml