

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050622AL\
 Data File : FD042366.D
 Signal(s) : FID2B.CH
 Acq On : 07 May 2022 4:23
 Operator : UA/NP
 Sample : N2712-11MSD
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 TP-3MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/09/2022
 Supervised By :mohammad ahmed 05/10/2022

Integration File: autoint1.e
 Quant Time: May 09 00:50:42 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 22 01:55:29 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)	11.215	5512797	32.871 ug/ml
Spiked Amount 50.000		Recovery =	65.74%
12) S 1-chlorooctadecane (S...	12.652	4276404	32.407 ug/ml
Spiked Amount 50.000		Recovery =	64.81%
Target Compounds			
1) T n-Nonane (C9)	3.092	4635445	34.009 ug/ml
2) T n-Decane (C10)	4.134	5331157	39.781 ug/ml
3) T A~Naphthalene (C11.7)	5.681	6125146	42.256 ug/ml
4) T n-Dodecane (C12)	6.126	5620510	39.480 ug/ml
5) T A~2-methylnaphthalene...	6.727	6146957	44.110 ug/ml
6) T n-Tetradecane (C14)	7.903	5881148	41.287 ug/ml
7) T n-Hexadecane (C16)	9.487	6388170	43.960 ug/ml
8) T n-Octadecane (C18)	10.918	6957345	46.421 ug/ml
10) T n-Eicosane (C20)	12.217	6778713	44.287 ug/ml
11) T n-Heneicosane (C21)	12.825	6703264	43.481 ug/ml
13) T n-Docosane (C22)	13.407	6630645	43.016 ug/ml
14) T n-Tetracosane (C24)	14.501	6960575	45.007 ug/ml
15) T n-Hexacosane (C26)	15.517	6365368	41.383 ug/ml
16) T n-Octacosane (C28)	16.460	6262495	40.960 ug/ml
17) T n-Tricontane (C30)	17.345	5925890	39.507 ug/ml
18) T n-Dotriacontane (C32)	18.170	5891444	41.665 ug/ml
19) T n-Tetratriacontane (C34)	18.949	5282877	41.051 ug/ml
20) T n-Hexatriacontane (C36)	19.684	4935758	43.617 ug/ml
21) T n-Octatriacontane (C38)	20.380	4733657	47.443 ug/mlm
22) T n-Tetracontane (C40)	21.156	4616576	51.182 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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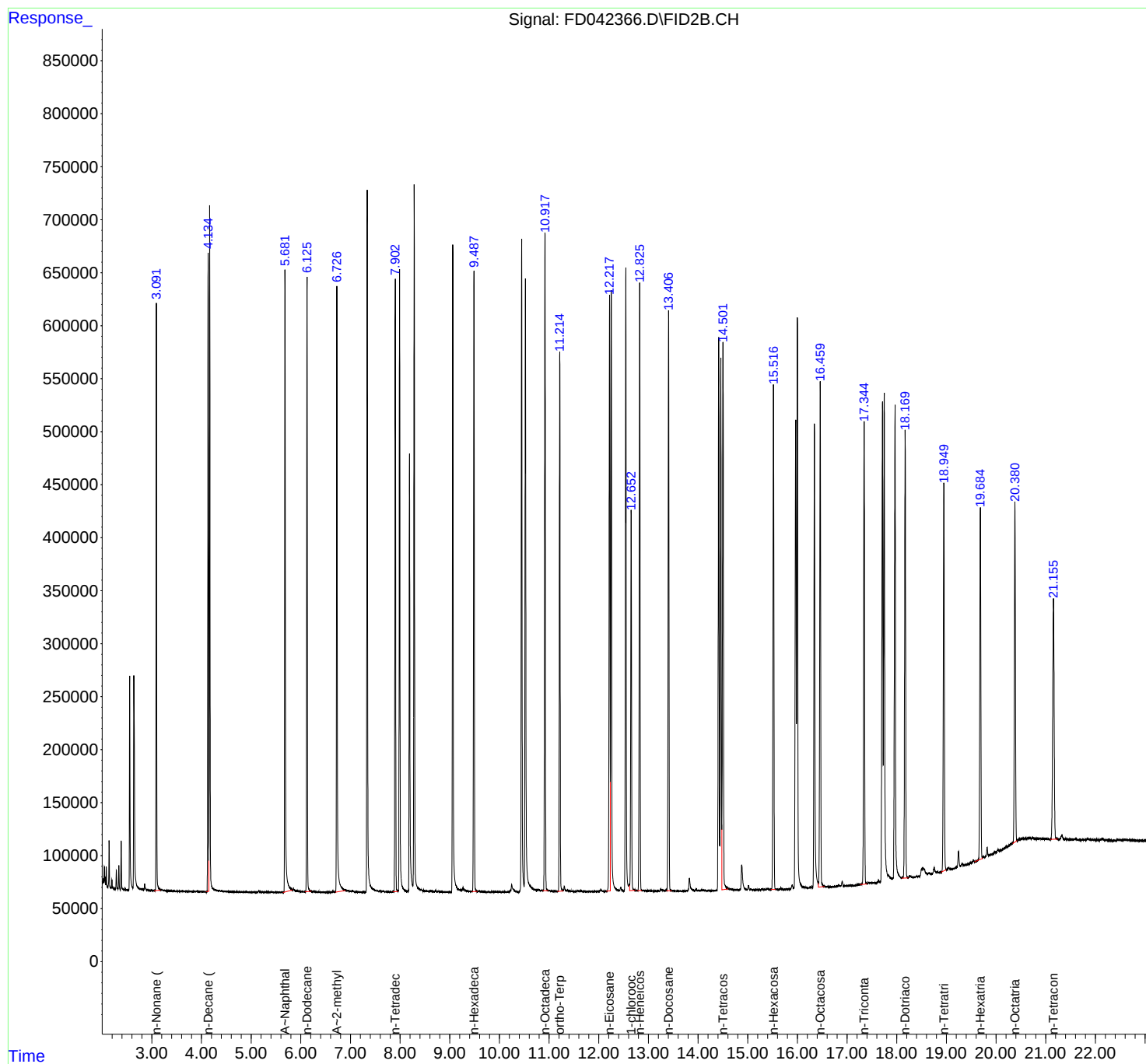
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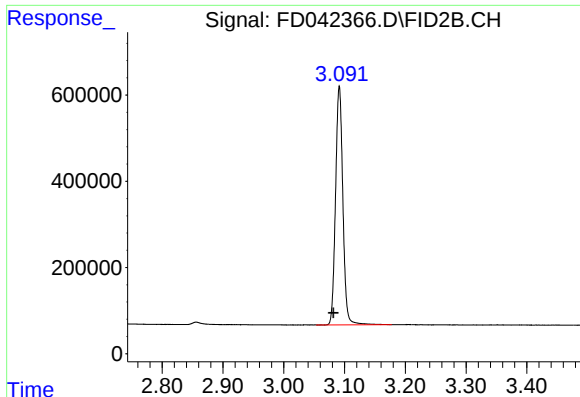
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#1 n-Nonane (C9)

R.T.: 3.092 min
Delta R.T.: 0.010 min
Response: 4635445
Conc: 34.01 ug/ml

Instrument :

FID_D

ClientSampleId :

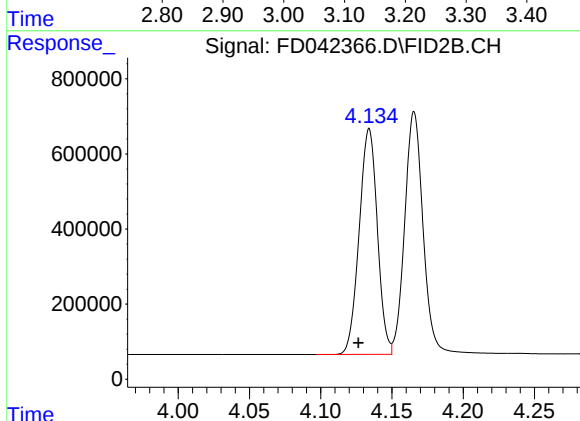
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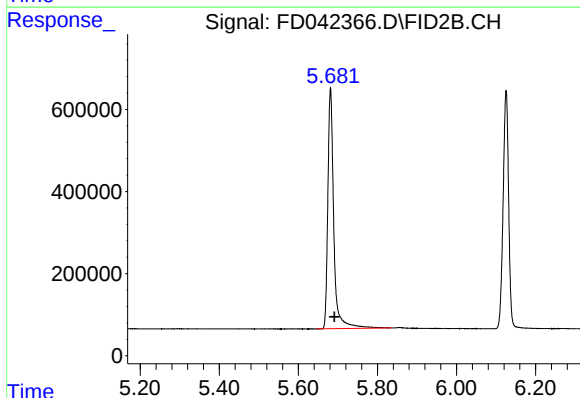
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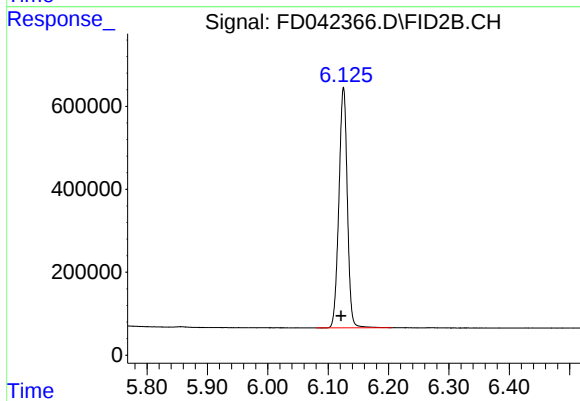
#2 n-Decane (C10)

R.T.: 4.134 min
Delta R.T.: 0.008 min
Response: 5331157
Conc: 39.78 ug/ml



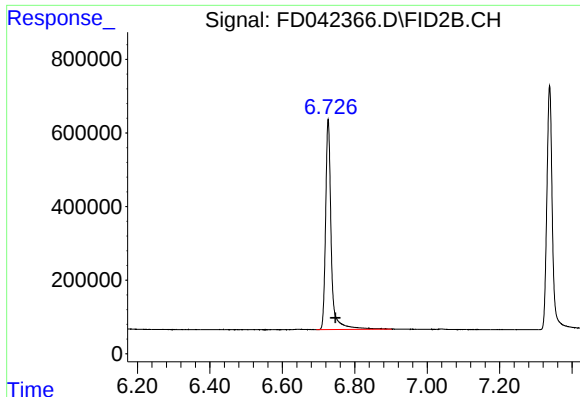
#3 A~Naphthalene (C11.7)

R.T.: 5.681 min
Delta R.T.: -0.010 min
Response: 6125146
Conc: 42.26 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.126 min
Delta R.T.: 0.004 min
Response: 5620510
Conc: 39.48 ug/ml



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

R.T.: 6.727 min
Delta R.T.: -0.019 min
Response: 6146957
Conc: 44.11 ug/ml

Instrument :

FID_D

ClientSampleId :

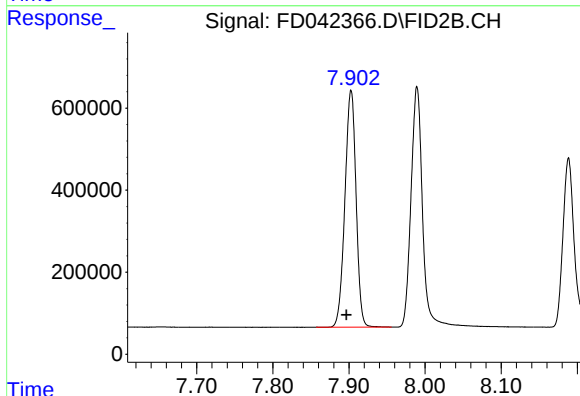
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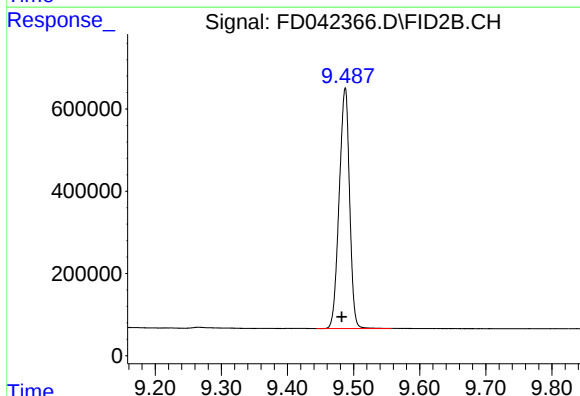
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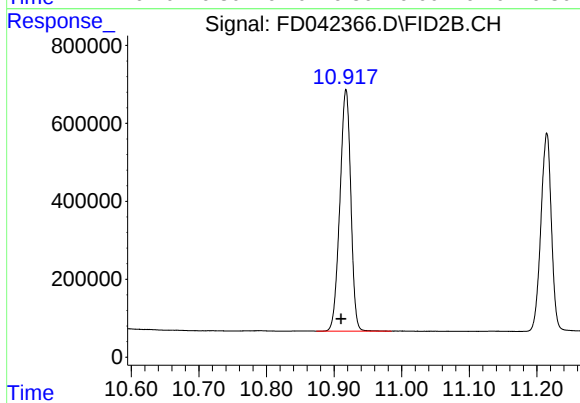
#6 n-Tetradecane (C14)

R.T.: 7.903 min
Delta R.T.: 0.006 min
Response: 5881148
Conc: 41.29 ug/ml



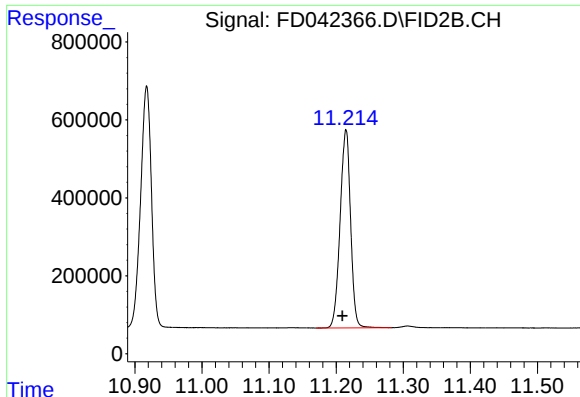
#7 n-Hexadecane (C16)

R.T.: 9.487 min
Delta R.T.: 0.005 min
Response: 6388170
Conc: 43.96 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.918 min
Delta R.T.: 0.007 min
Response: 6957345
Conc: 46.42 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.215 min
Delta R.T.: 0.005 min
Response: 5512797
Conc: 32.87 ug/ml

Instrument :

FID_D

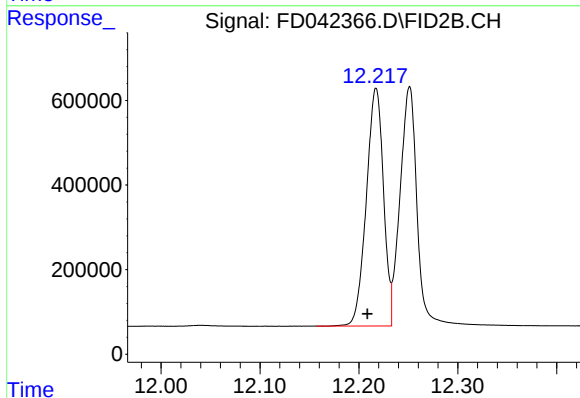
ClientSampleId :

TP-3MSD

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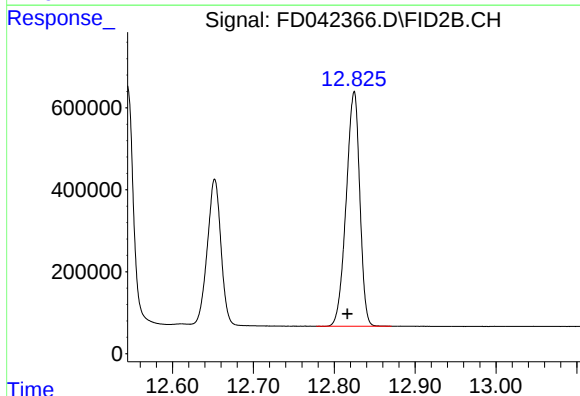
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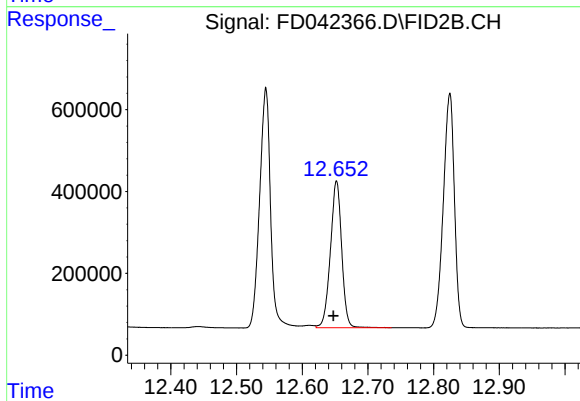
#10 n-Eicosane (C20)

R.T.: 12.217 min
Delta R.T.: 0.009 min
Response: 6778713
Conc: 44.29 ug/ml



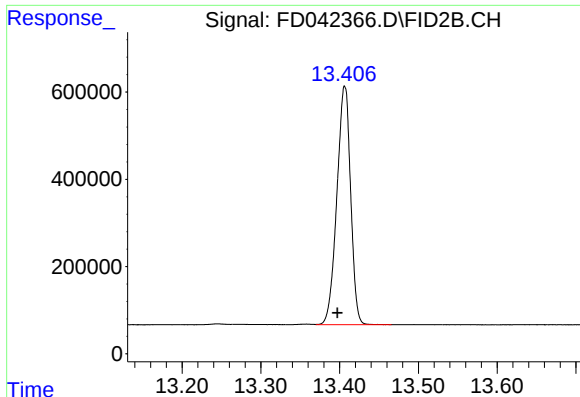
#11 n-Heneicosane (C21)

R.T.: 12.825 min
Delta R.T.: 0.009 min
Response: 6703264
Conc: 43.48 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.652 min
Delta R.T.: 0.005 min
Response: 4276404
Conc: 32.41 ug/ml



#13 n-Docosane (C22)

R.T.: 13.407 min
Delta R.T.: 0.009 min
Response: 6630645
Conc: 43.02 ug/ml

Instrument :

FID_D

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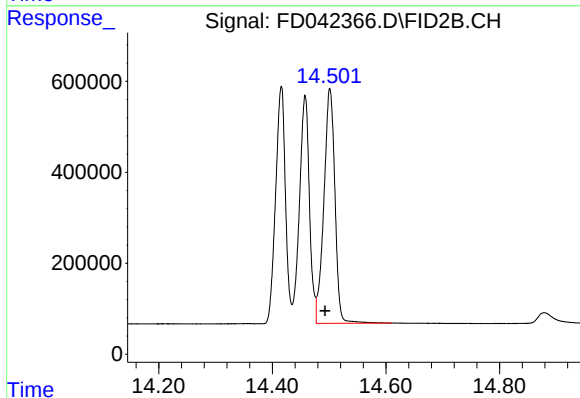
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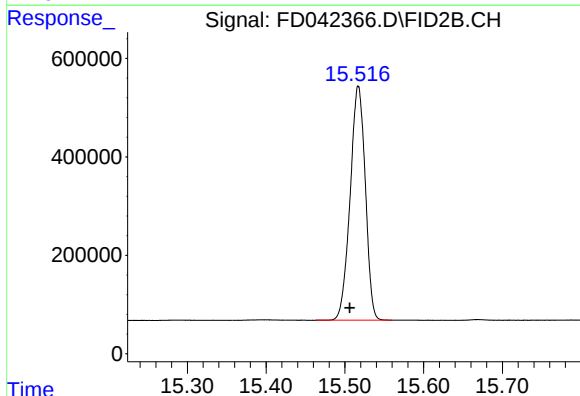
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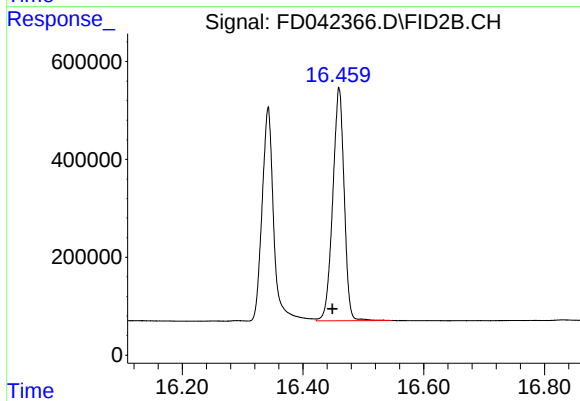
#14 n-Tetracosane (C24)

R.T.: 14.501 min
Delta R.T.: 0.008 min
Response: 6960575
Conc: 45.01 ug/ml



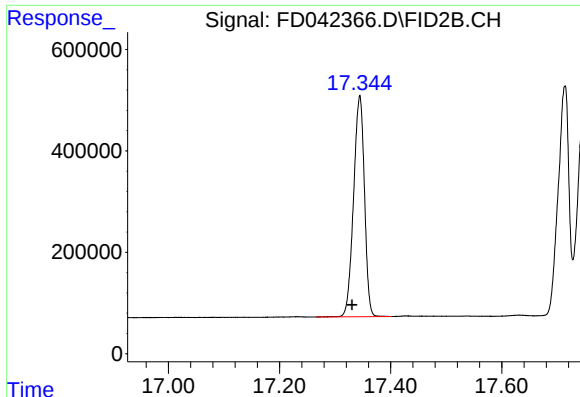
#15 n-Hexacosane (C26)

R.T.: 15.517 min
Delta R.T.: 0.011 min
Response: 6365368
Conc: 41.38 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.460 min
Delta R.T.: 0.011 min
Response: 6262495
Conc: 40.96 ug/ml



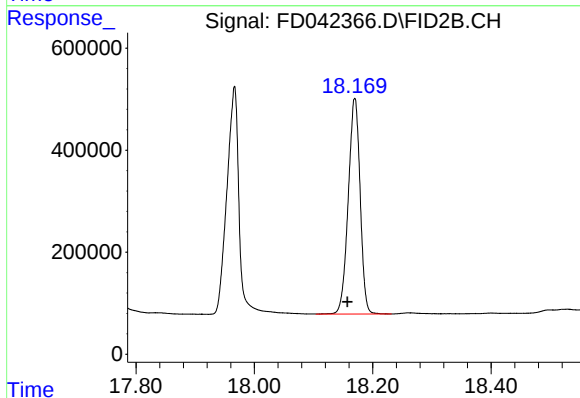
#17 n-Tricontane (C30)

R.T.: 17.345 min
Delta R.T.: 0.014 min
Response: 5925890
Conc: 39.51 ug/ml

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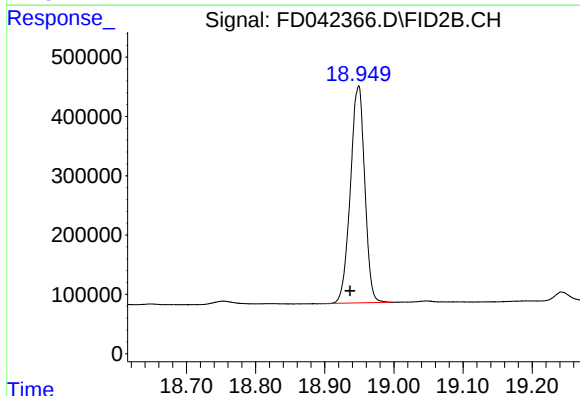
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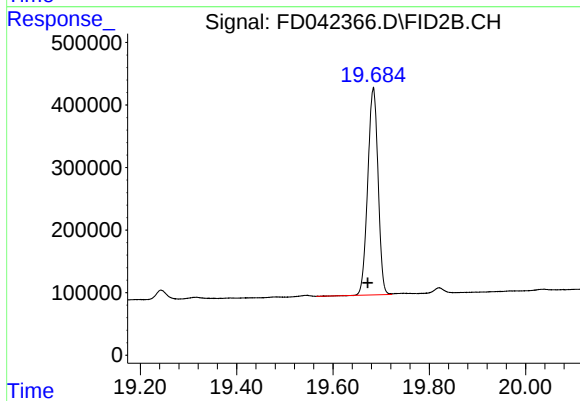
#18 n-Dotriacontane (C32)

R.T.: 18.170 min
Delta R.T.: 0.012 min
Response: 5891444
Conc: 41.67 ug/ml



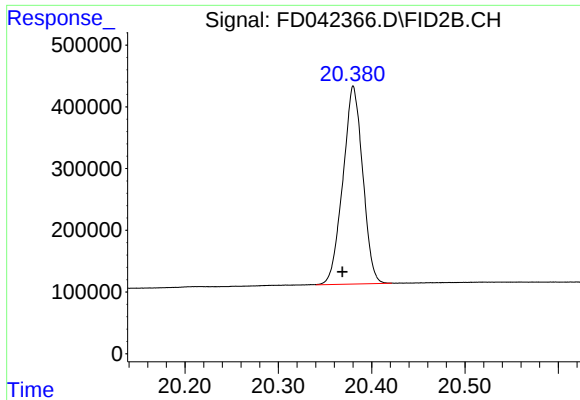
#19 n-Tetratriacontane (C34)

R.T.: 18.949 min
Delta R.T.: 0.012 min
Response: 5282877
Conc: 41.05 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.684 min
Delta R.T.: 0.012 min
Response: 4935758
Conc: 43.62 ug/ml



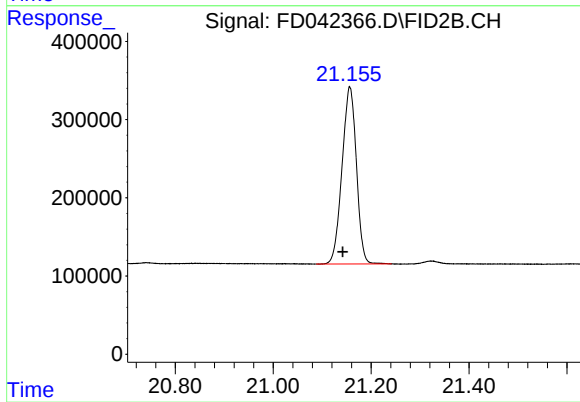
#21 n-Octatriacontane (C38)

R.T.: 20.380 min
Delta R.T.: 0.011 min
Response: 4733657
Conc: 47.44 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.156 min
Delta R.T.: 0.014 min
Response: 4616576
Conc: 51.18 ug/ml