

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070623AL\
 Data File : FC064051.D
 Signal(s) : FID1A.ch
 Acq On : 06 Jul 2023 14:32
 Operator : YP/AJ
 Sample : PB154011BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB154011BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :Ankita Jodhani 07/07/2023

Integration File: autoint1.e

Quant Time: Jul 07 02:45:22 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062423.M

Quant Title : GC Extractables

Qlast Update : Sun Jun 25 04:03:48 2023

Response via : Initial Calibration

Integrator: ChemStation

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)	11.524	7863761	40.501 ug/ml
Spiked Amount 50.000		Recovery =	81.00%
12) S 1-chlorooctadecane (S...	12.958	6258494	44.983 ug/ml
Spiked Amount 50.000		Recovery =	89.97%
Target Compounds			
1) T n-Nonane (C9)	3.324	7736274	43.377 ug/ml
2) T n-Decane (C10)	4.378	8007376	44.251 ug/ml
3) T A~Naphthalene (C11.7)	5.952	8926344	47.855 ug/ml
4) T n-Dodecane (C12)	6.384	8355286	46.380 ug/ml
5) T A~2-methylnaphthalene...	7.006	8580702	48.757 ug/ml
6) T n-Tetradecane (C14)	8.176	8301853	47.991 ug/ml
7) T n-Hexadecane (C16)	9.772	8100973	46.635 ug/ml
8) T n-Octadecane (C18)	11.211	8100266	47.000 ug/ml
10) T n-Eicosane (C20)	12.516	7595936	46.530 ug/ml
11) T n-Heneicosane (C21)	13.126	7388146	46.112 ug/ml
13) T n-Docosane (C22)	13.710	7240988	46.081 ug/ml
14) T n-Tetracosane (C24)	14.796	14294534	90.689 ug/ml
15) T n-Hexacosane (C26)	15.828	6841968	45.285 ug/ml
16) T n-Octacosane (C28)	16.774	6829617	45.325 ug/ml
17) T n-Tricontane (C30)	17.660	6763404	43.320 ug/ml
18) T n-Dotriacontane (C32)	18.489	6782211	42.932 ug/ml
19) T n-Tetratriacontane (C34)	19.268	6720640	43.675 ug/ml
20) T n-Hexatriacontane (C36)	20.006	6558931	44.426 ug/mlm
21) T n-Octatriacontane (C38)	20.730	6391741	43.150 ug/ml
22) T n-Tetracontane (C40)	21.616	6372322	43.719 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB154011BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

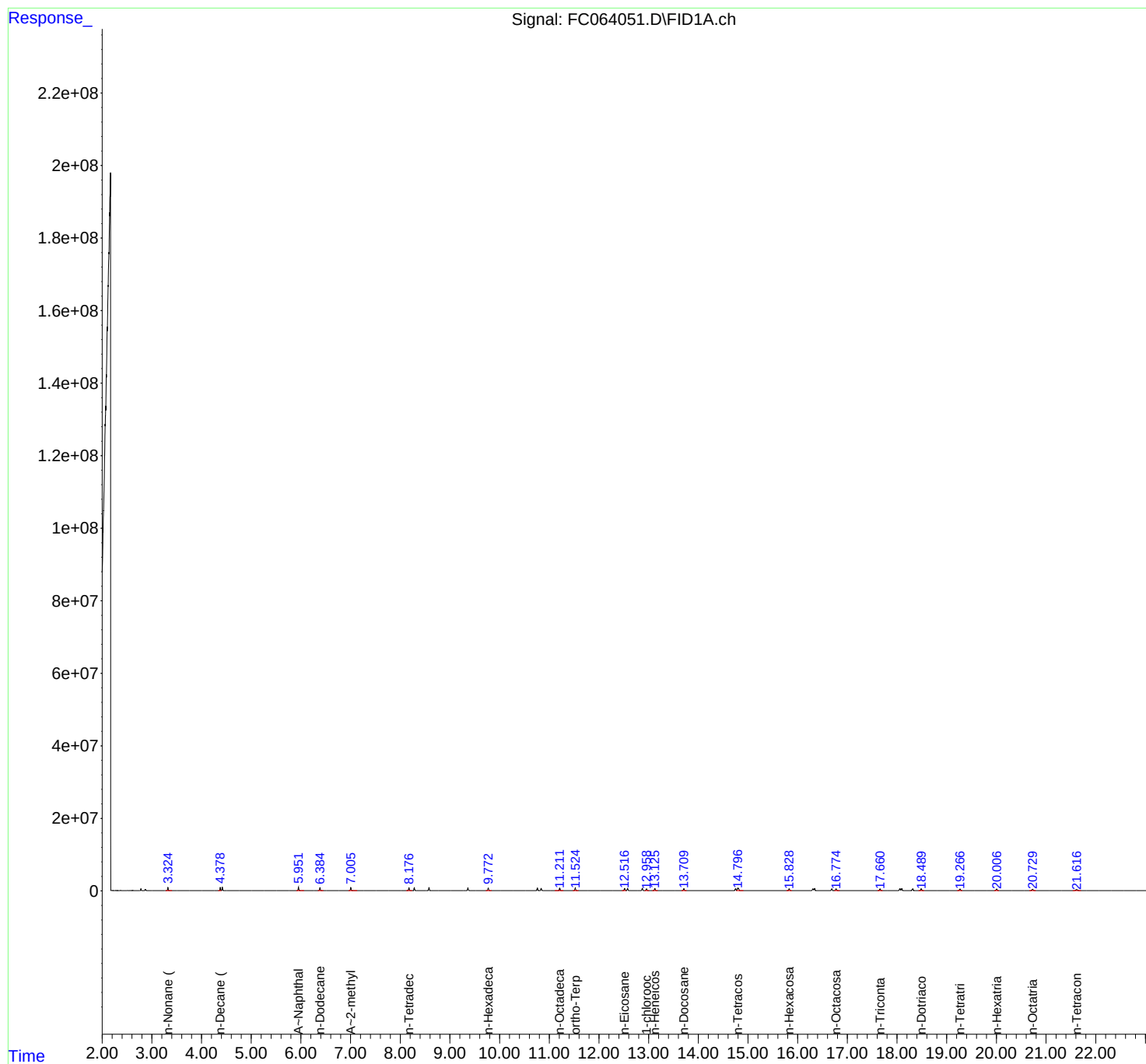
Instrument :
FID_C
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PB154011BS

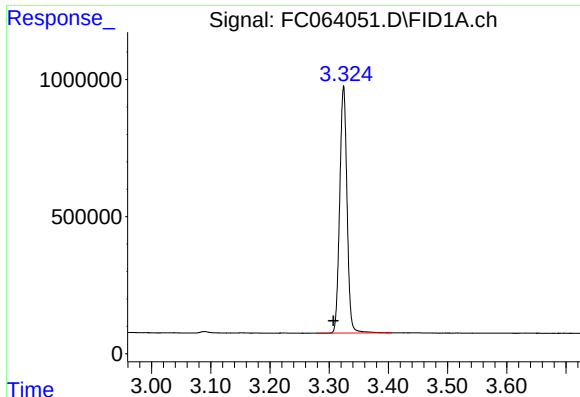
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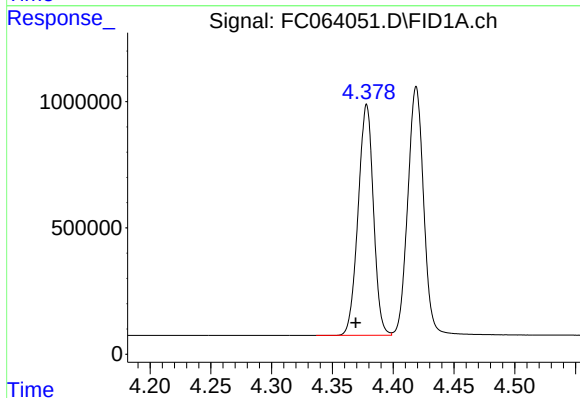
#1 n-Nonane (C9)

R.T.: 3.324 min
Delta R.T.: 0.017 min
Response: 7736274
Conc: 43.38 ug/ml

Instrument :
FID_C
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PB154011BS

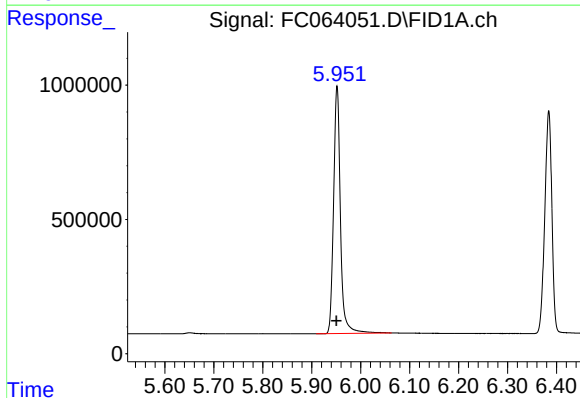
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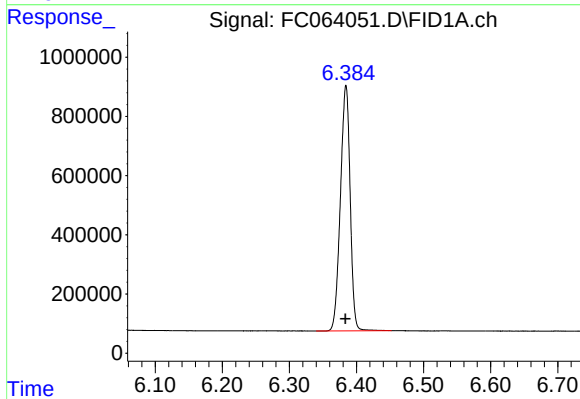
#2 n-Decane (C10)

R.T.: 4.378 min
Delta R.T.: 0.009 min
Response: 8007376
Conc: 44.25 ug/ml



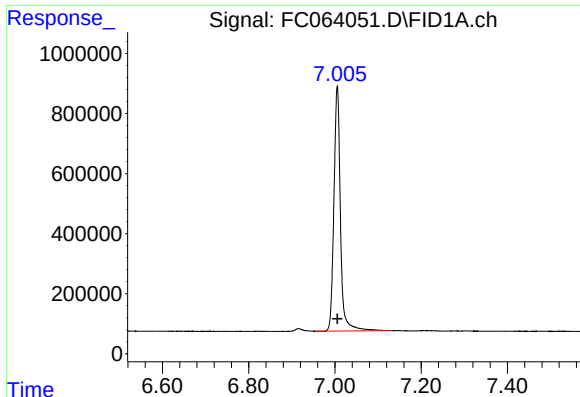
#3 A~Naphthalene (C11.7)

R.T.: 5.952 min
Delta R.T.: 0.001 min
Response: 8926344
Conc: 47.85 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 8355286
Conc: 46.38 ug/ml



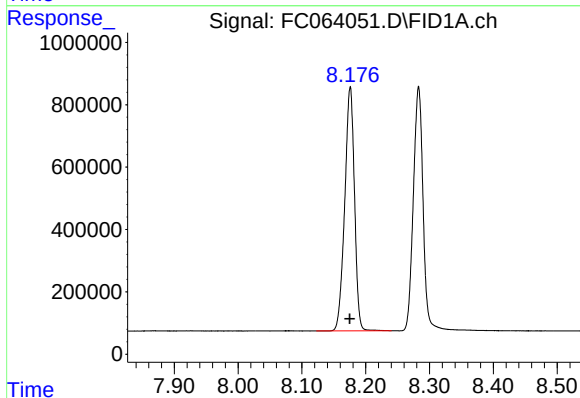
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.006 min
Delta R.T.: 0.000 min
Response: 8580702
Conc: 48.76 ug/ml

Instrument :
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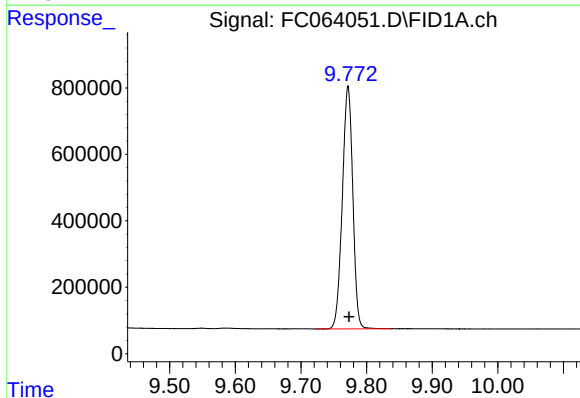
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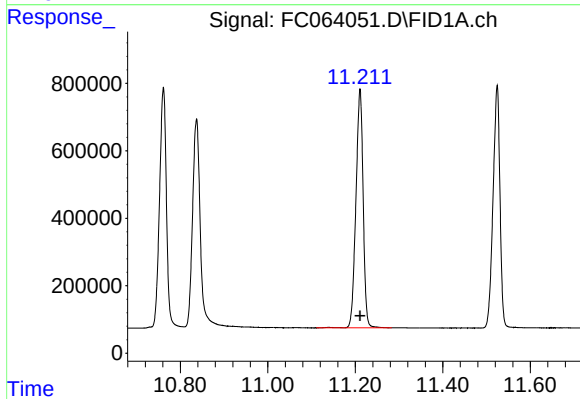
#6 n-Tetradecane (C14)

R.T.: 8.176 min
Delta R.T.: 0.000 min
Response: 8301853
Conc: 47.99 ug/ml



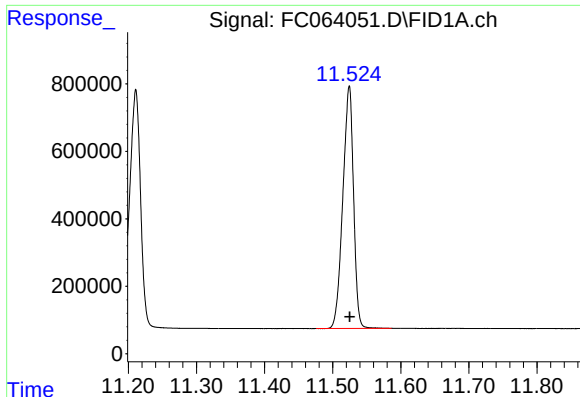
#7 n-Hexadecane (C16)

R.T.: 9.772 min
Delta R.T.: -0.001 min
Response: 8100973
Conc: 46.63 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.211 min
Delta R.T.: 0.000 min
Response: 8100266
Conc: 47.00 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.524 min
Delta R.T.: 0.000 min
Response: 7863761
Conc: 40.50 ug/ml

Instrument :

FID_C

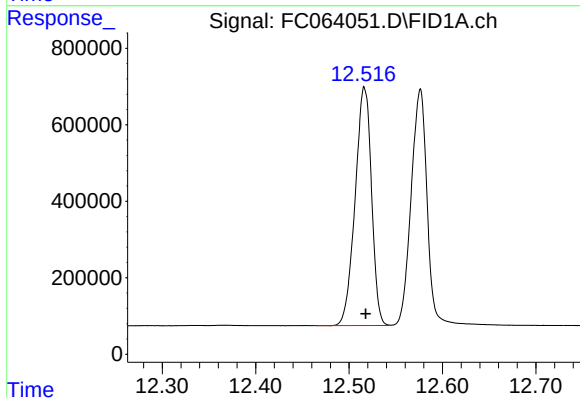
ClientSampleId :

PB154011BS

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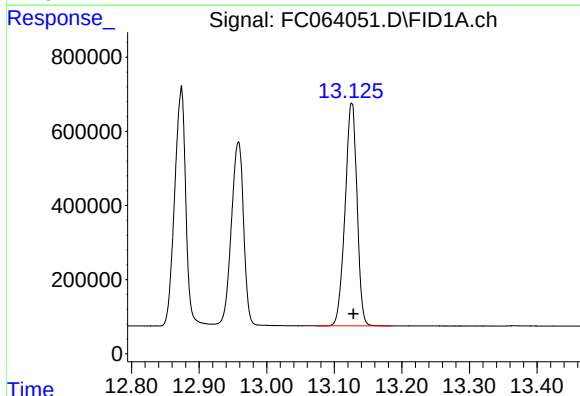
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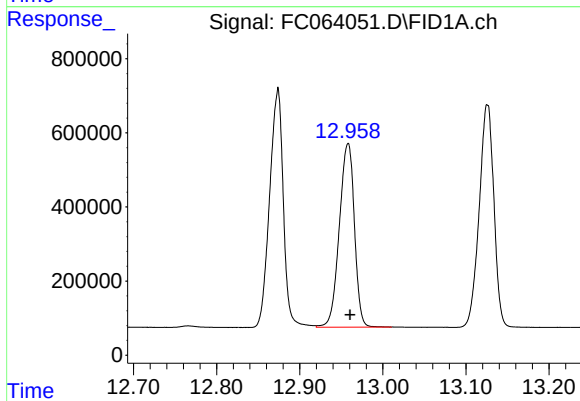
#10 n-Eicosane (C20)

R.T.: 12.516 min
Delta R.T.: -0.002 min
Response: 7595936
Conc: 46.53 ug/ml



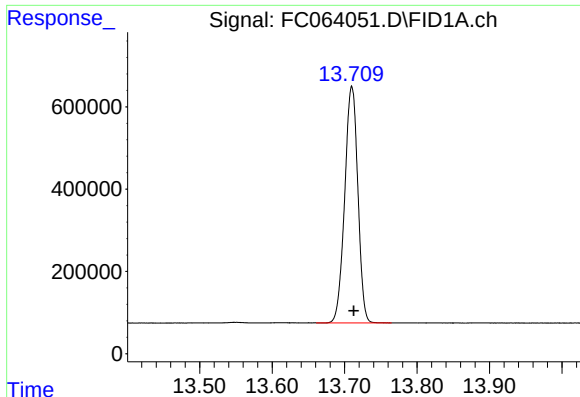
#11 n-Heneicosane (C21)

R.T.: 13.126 min
Delta R.T.: -0.002 min
Response: 7388146
Conc: 46.11 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.958 min
Delta R.T.: -0.002 min
Response: 6258494
Conc: 44.98 ug/ml



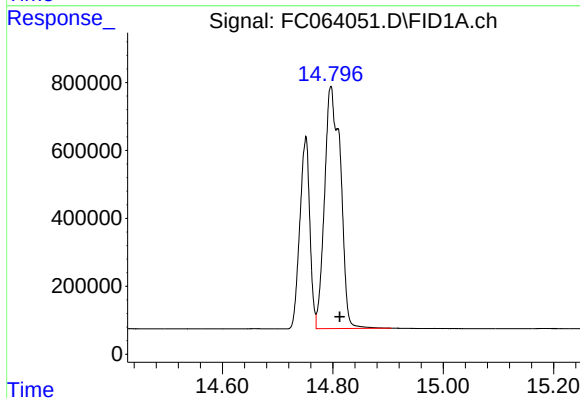
#13 n-Docosane (C22)

R.T.: 13.710 min
Delta R.T.: -0.003 min
Response: 7240988
Conc: 46.08 ug/ml

Instrument :
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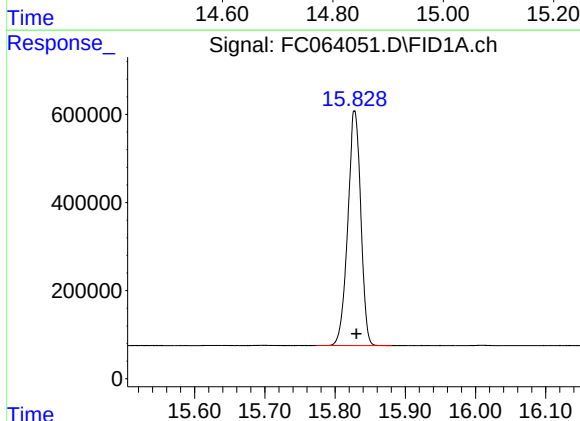
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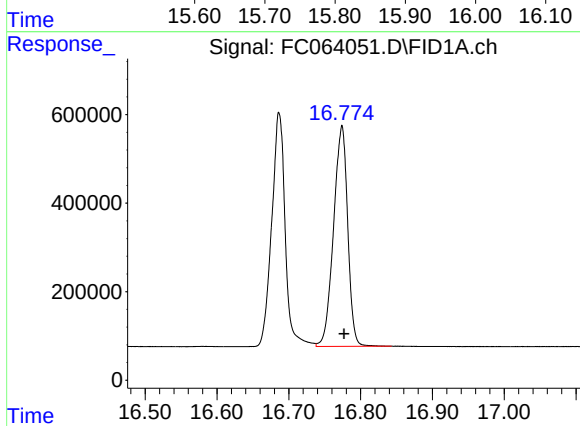
#14 n-Tetracosane (C24)

R.T.: 14.796 min
Delta R.T.: -0.016 min
Response: 14294534
Conc: 90.69 ug/ml



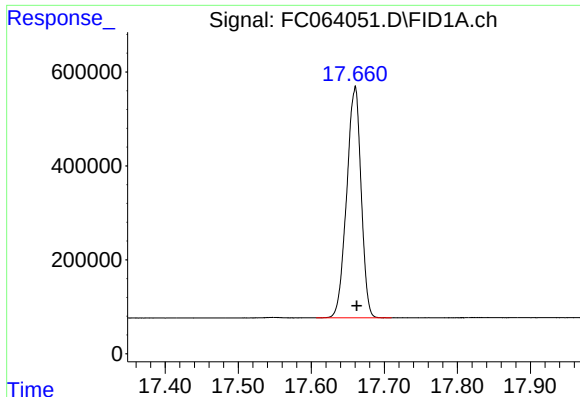
#15 n-Hexacosane (C26)

R.T.: 15.828 min
Delta R.T.: -0.002 min
Response: 6841968
Conc: 45.29 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.774 min
Delta R.T.: -0.003 min
Response: 6829617
Conc: 45.32 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.660 min
Delta R.T.: -0.002 min
Response: 6763404
Conc: 43.32 ug/ml

Instrument :

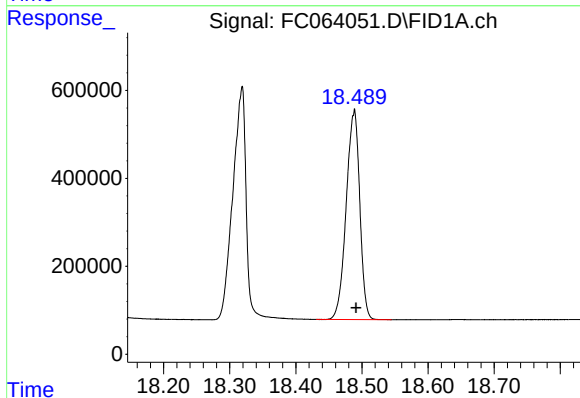
FID_C

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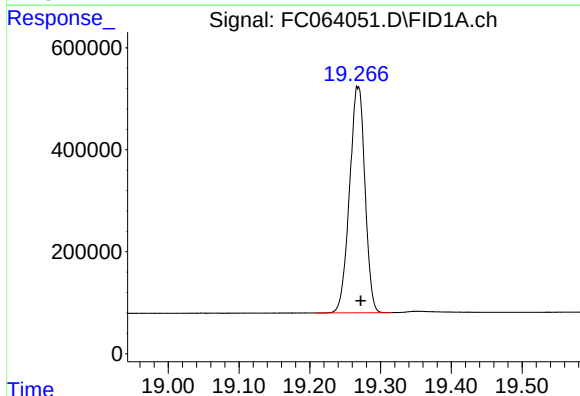
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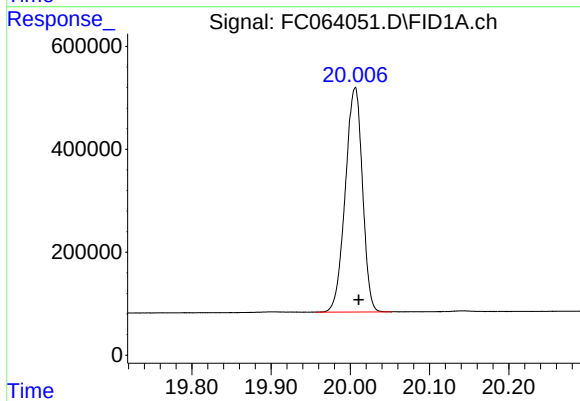
#18 n-Dotriacontane (C32)

R.T.: 18.489 min
Delta R.T.: -0.002 min
Response: 6782211
Conc: 42.93 ug/ml



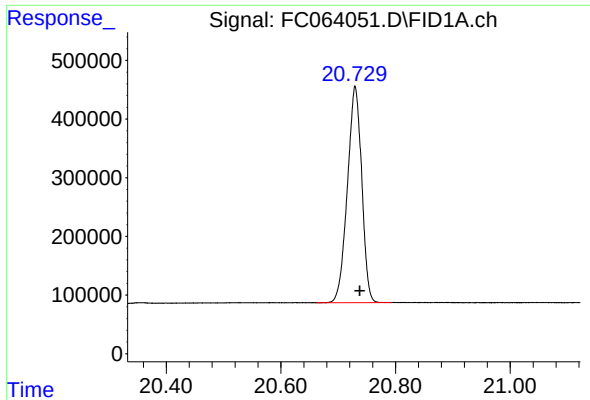
#19 n-Tetratriacontane (C34)

R.T.: 19.268 min
Delta R.T.: -0.004 min
Response: 6720640
Conc: 43.67 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.006 min
Delta R.T.: -0.004 min
Response: 6558931
Conc: 44.43 ug/ml m



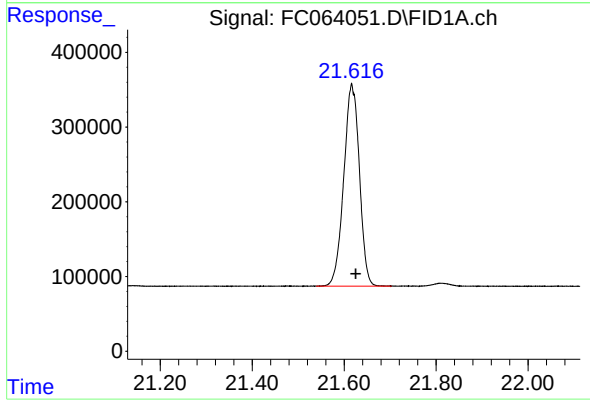
#21 n-Octatriacontane (C38)

R.T.: 20.730 min
Delta R.T.: -0.008 min
Response: 6391741
Conc: 43.15 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.616 min
Delta R.T.: -0.009 min
Response: 6372322
Conc: 43.72 ug/ml