

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070623AL\
 Data File : FC064059.D
 Signal(s) : FID1A.ch
 Acq On : 06 Jul 2023 21:13
 Operator : YP/AJ
 Sample : 03522-05MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 3MS

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 02:46:45 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)	11.523	4477056	23.058 ug/ml
Spiked Amount 50.000		Recovery =	46.12%
12) S 1-chlorooctadecane (S...	12.956	3376766	24.270 ug/ml
Spiked Amount 50.000		Recovery =	48.54%
Target Compounds			
1) T n-Nonane (C9)	3.318	6355290	35.634 ug/ml
2) T n-Decane (C10)	4.376	6695503	37.001 ug/ml
3) T A~Naphthalene (C11.7)	5.953	7562049	40.541 ug/ml
4) T n-Dodecane (C12)	6.385	7045908	39.112 ug/ml
5) T A~2-methylnaphthalene...	7.007	7328044	41.639 ug/ml
6) T n-Tetradecane (C14)	8.176	7026542	40.618 ug/ml
7) T n-Hexadecane (C16)	9.772	6883387	39.626 ug/ml
8) T n-Octadecane (C18)	11.211	6964926	40.412 ug/ml
10) T n-Eicosane (C20)	12.517	6524751	39.969 ug/ml
11) T n-Heneicosane (C21)	13.127	6414312	40.034 ug/ml
13) T n-Docosane (C22)	13.709	6300656	40.097 ug/ml
14) T n-Tetracosane (C24)	14.797	13095219	83.080 ug/ml
15) T n-Hexacosane (C26)	15.828	6175962	40.877 ug/ml
16) T n-Octacosane (C28)	16.775	6160713	40.886 ug/ml
17) T n-Tricontane (C30)	17.662	6348997	40.666 ug/ml
18) T n-Dotriacontane (C32)	18.489	6565020	41.557 ug/ml
19) T n-Tetratriacontane (C34)	19.272	6179187	40.156 ug/ml
20) T n-Hexatriacontane (C36)	20.006	6065348	41.083 ug/mlm
21) T n-Octatriacontane (C38)	20.731	5942384	40.117 ug/ml
22) T n-Tetracontane (C40)	21.623	8296097	56.917 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : 03522-05MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

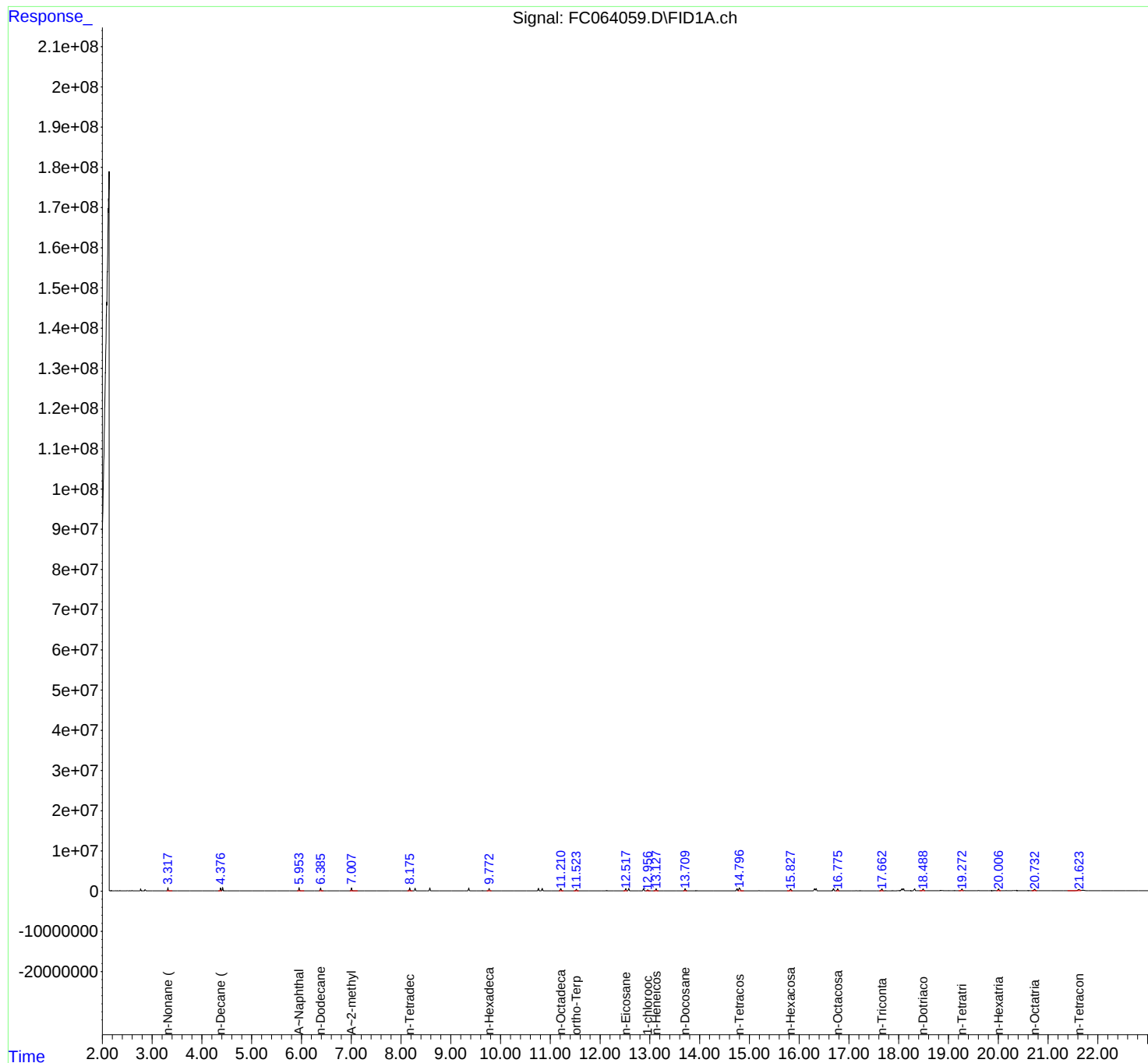
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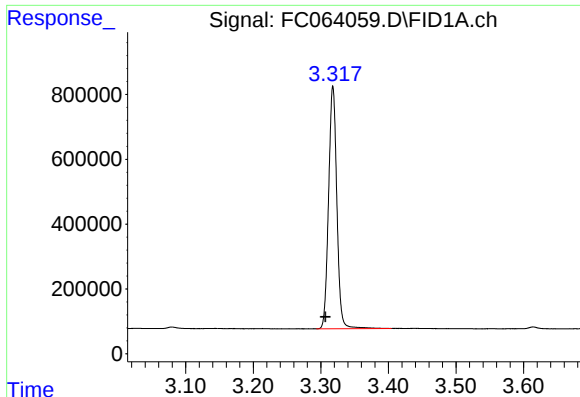
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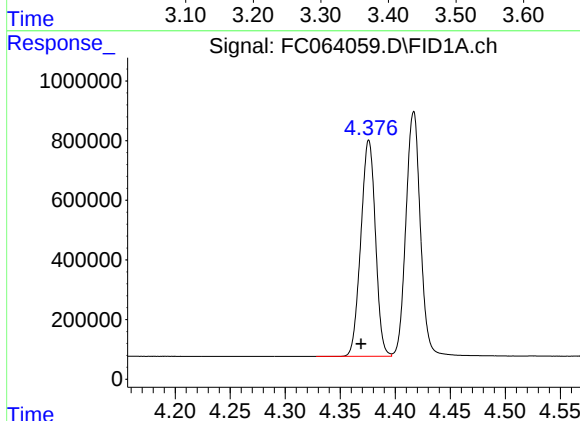
#1 n-Nonane (C9)

R.T.: 3.318 min
Delta R.T.: 0.011 min
Response: 6355290
Conc: 35.63 ug/ml

Instrument :
FID_C
ClientSampleId :
3MS

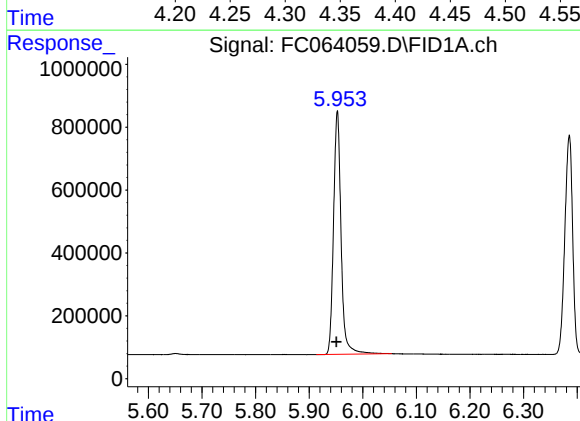
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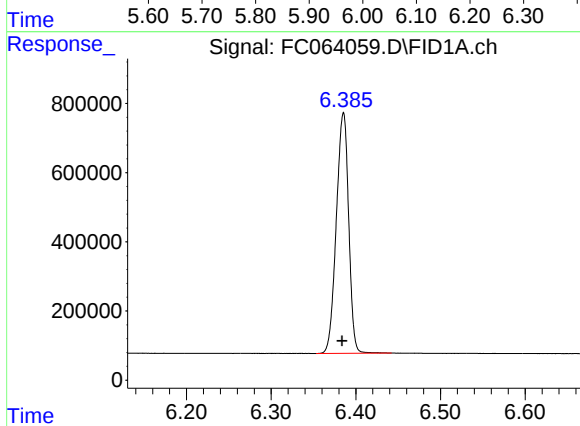
#2 n-Decane (C10)

R.T.: 4.376 min
Delta R.T.: 0.007 min
Response: 6695503
Conc: 37.00 ug/ml



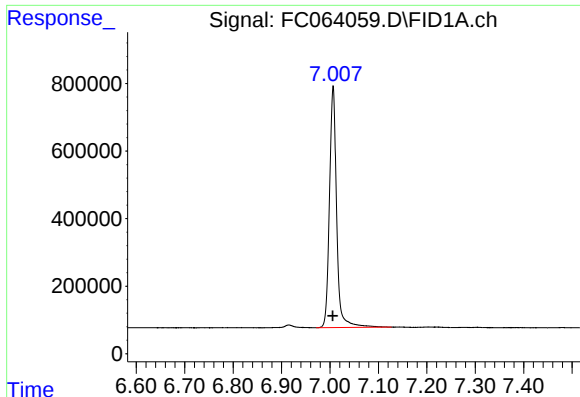
#3 A~Naphthalene (C11.7)

R.T.: 5.953 min
Delta R.T.: 0.002 min
Response: 7562049
Conc: 40.54 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.385 min
Delta R.T.: 0.002 min
Response: 7045908
Conc: 39.11 ug/ml



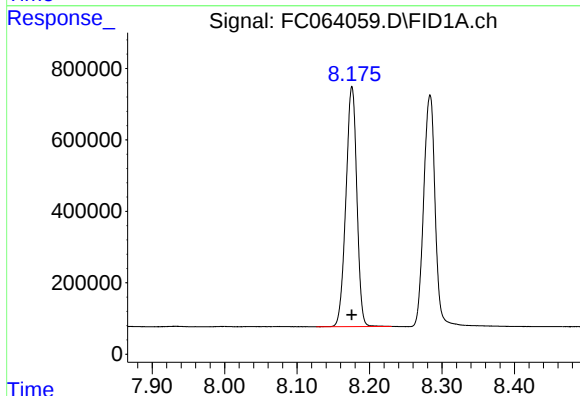
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.007 min
Delta R.T.: 0.000 min
Response: 7328044
Conc: 41.64 ug/ml

Instrument :
FID_C
ClientSampleId :
3MS

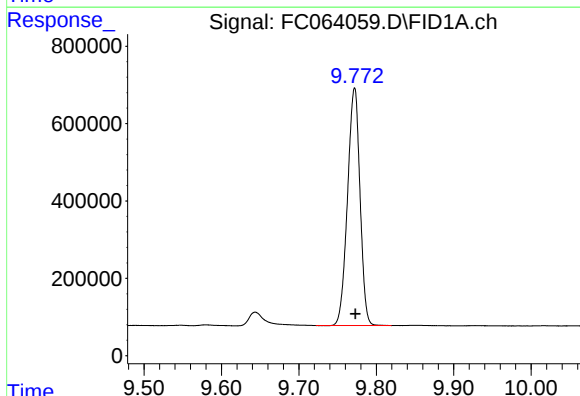
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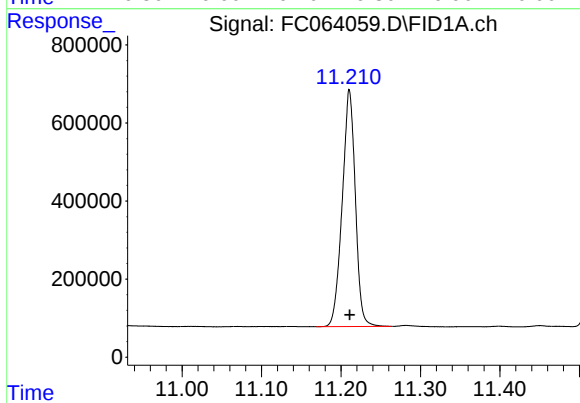
#6 n-Tetradecane (C14)

R.T.: 8.176 min
Delta R.T.: 0.000 min
Response: 7026542
Conc: 40.62 ug/ml



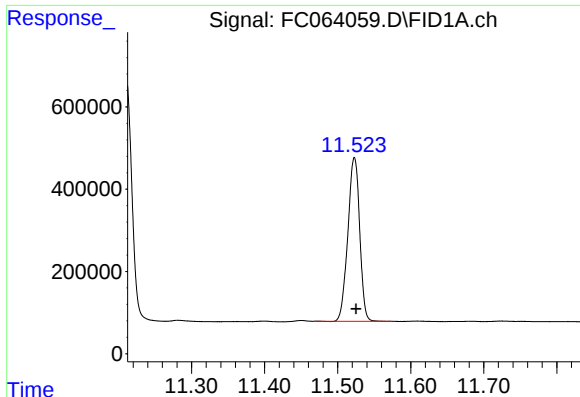
#7 n-Hexadecane (C16)

R.T.: 9.772 min
Delta R.T.: -0.001 min
Response: 6883387
Conc: 39.63 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.211 min
Delta R.T.: 0.000 min
Response: 6964926
Conc: 40.41 ug/ml



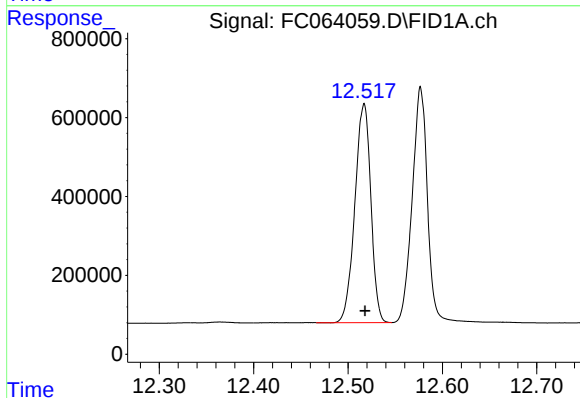
#9 ortho-Terphenyl (SURR)

R.T.: 11.523 min
Delta R.T.: -0.002 min
Response: 4477056
Conc: 23.06 ug/ml

Instrument :
FID_C
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3MS

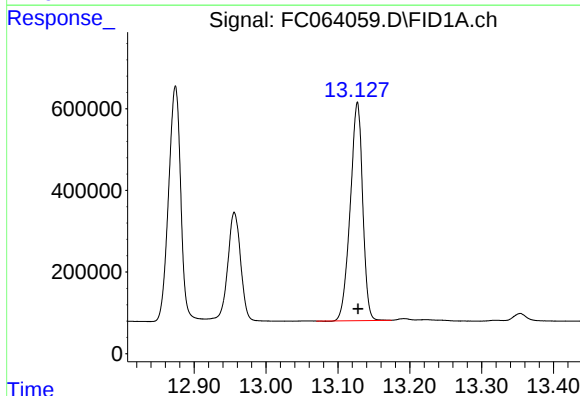
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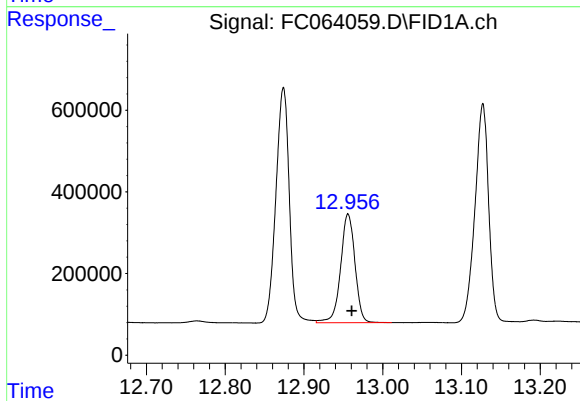
#10 n-Eicosane (C20)

R.T.: 12.517 min
Delta R.T.: 0.000 min
Response: 6524751
Conc: 39.97 ug/ml



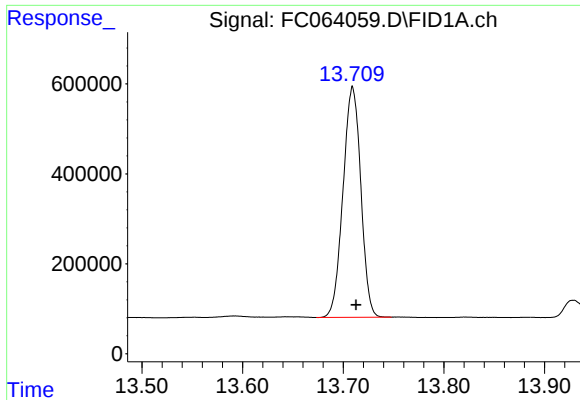
#11 n-Heneicosane (C21)

R.T.: 13.127 min
Delta R.T.: 0.000 min
Response: 6414312
Conc: 40.03 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.956 min
Delta R.T.: -0.005 min
Response: 3376766
Conc: 24.27 ug/ml



#13 n-Docosane (C22)

R.T.: 13.709 min
Delta R.T.: -0.004 min
Response: 6300656
Conc: 40.10 ug/ml

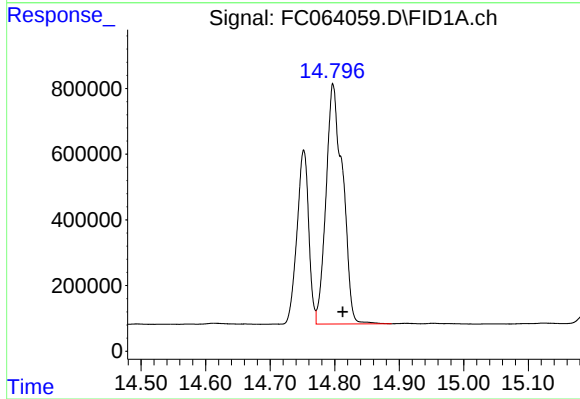
Instrument :

FID_C

ClientSampleId :
3MS

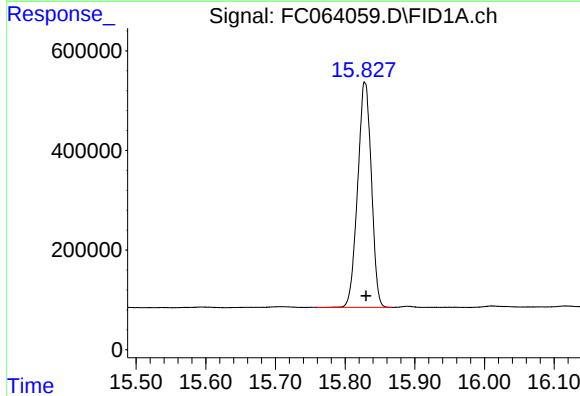
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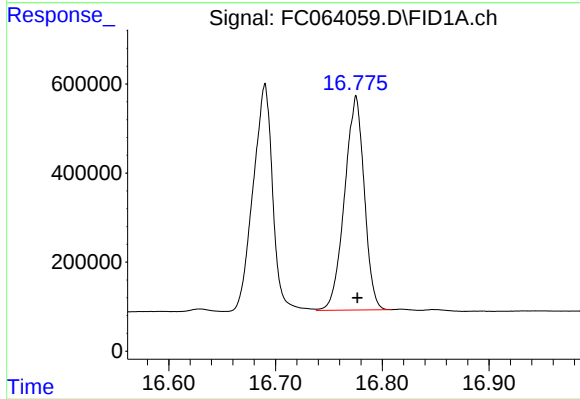
#14 n-Tetracosane (C24)

R.T.: 14.797 min
Delta R.T.: -0.015 min
Response: 13095219
Conc: 83.08 ug/ml



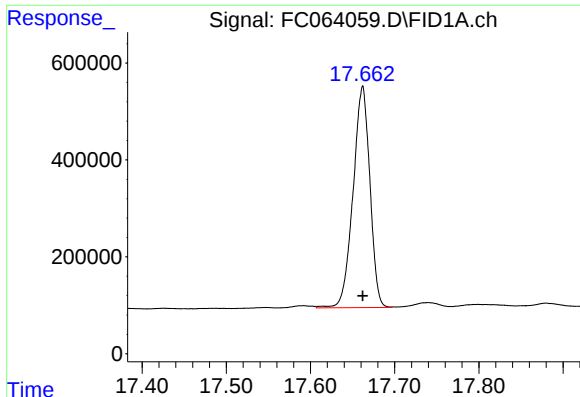
#15 n-Hexacosane (C26)

R.T.: 15.828 min
Delta R.T.: -0.002 min
Response: 6175962
Conc: 40.88 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.775 min
Delta R.T.: -0.001 min
Response: 6160713
Conc: 40.89 ug/ml



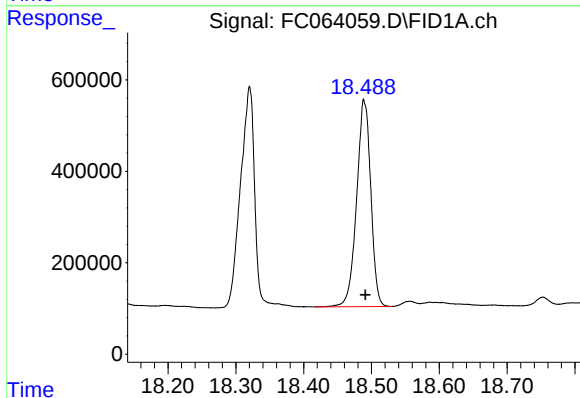
#17 n-Tricontane (C30)

R.T.: 17.662 min
Delta R.T.: 0.000 min
Response: 6348997
Conc: 40.67 ug/ml

Instrument :
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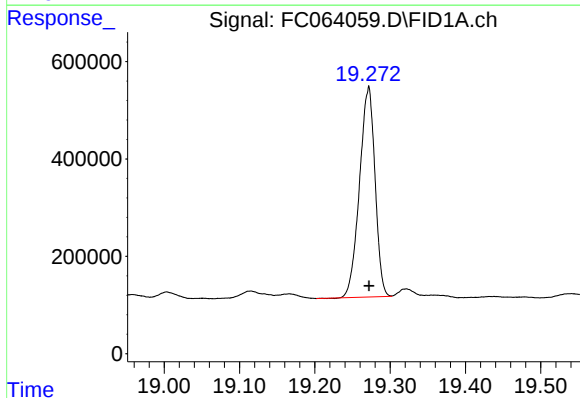
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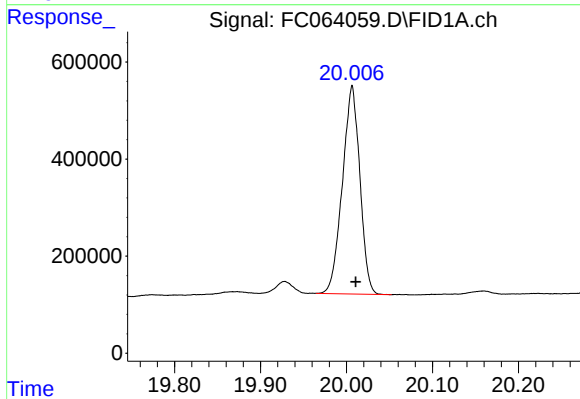
#18 n-Dotriacontane (C32)

R.T.: 18.489 min
Delta R.T.: -0.002 min
Response: 6565020
Conc: 41.56 ug/ml



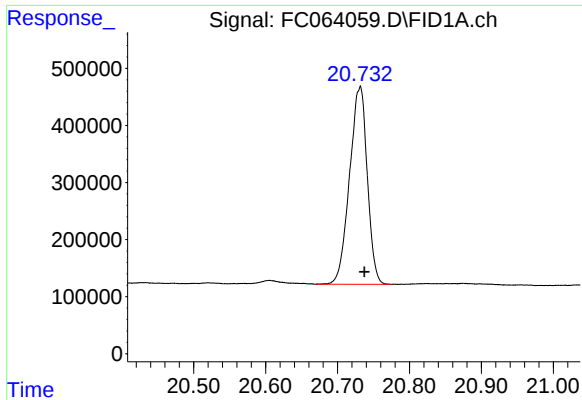
#19 n-Tetratriacontane (C34)

R.T.: 19.272 min
Delta R.T.: 0.000 min
Response: 6179187
Conc: 40.16 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.006 min
Delta R.T.: -0.005 min
Response: 6065348
Conc: 41.08 ug/ml m



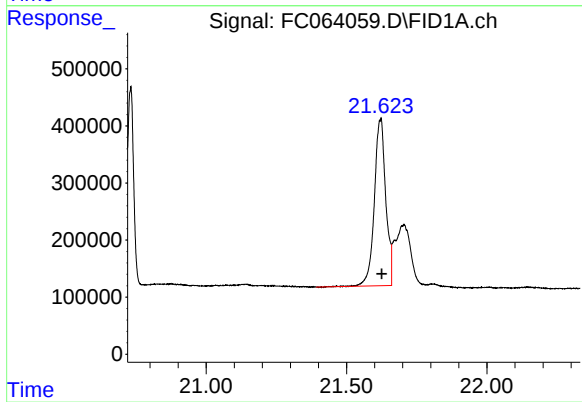
#21 n-Octatriacontane (C38)

R.T.: 20.731 min
Delta R.T.: -0.006 min
Response: 5942384
Conc: 40.12 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.623 min
Delta R.T.: -0.002 min
Response: 8296097
Conc: 56.92 ug/ml