

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071823AL\
 Data File : FC064151.D
 Signal(s) : FID1A.ch
 Acq On : 19 Jul 2023 04:11
 Operator : YP/AJ
 Sample : 03639-21MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP5MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :Ankita Jodhani 07/19/2023

Integration File: autoint1.e
 Quant Time: Jul 19 05:49:08 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)	11.521	9315734	47.979 ug/ml
Spiked Amount 50.000		Recovery =	95.96%
12) S 1-chlorooctadecane (S...	12.954	6113556	43.941 ug/ml
Spiked Amount 50.000		Recovery =	87.88%
Target Compounds			
1) T n-Nonane (C9)	3.306	4399542	24.668 ug/ml
2) T n-Decane (C10)	4.368	5101074	28.190 ug/ml
3) T A~Naphthalene (C11.7)	5.945	5830460	31.257 ug/ml
4) T n-Dodecane (C12)	6.379	5671658	31.483 ug/ml
5) T A~2-methylnaphthalene...	7.000	5965805	33.899 ug/ml
6) T n-Tetradecane (C14)	8.172	6053170	34.992 ug/ml
7) T n-Hexadecane (C16)	9.767	6262273	36.050 ug/ml
8) T n-Octadecane (C18)	11.206	6376049	36.996 ug/ml
10) T n-Eicosane (C20)	12.511	6308366	38.643 ug/ml
11) T n-Heneicosane (C21)	13.121	6022989	37.591 ug/ml
13) T n-Docosane (C22)	13.706	5944431	37.830 ug/ml
14) T n-Tetracosane (C24)	14.803	5191179	32.934 ug/ml
15) T n-Hexacosane (C26)	15.823	5645587	37.367 ug/ml
16) T n-Octacosane (C28)	16.769	5717111	37.942 ug/ml
17) T n-Tricontane (C30)	17.653	5586437	35.781 ug/ml
18) T n-Dotriacontane (C32)	18.481	5540715	35.073 ug/ml
19) T n-Tetratriacontane (C34)	19.263	5528799	35.930 ug/ml
20) T n-Hexatriacontane (C36)	19.999	5506720	37.299 ug/mlm
21) T n-Octatriacontane (C38)	20.722	5708484	38.538 ug/ml
22) T n-Tetracontane (C40)	21.609	5779714	39.653 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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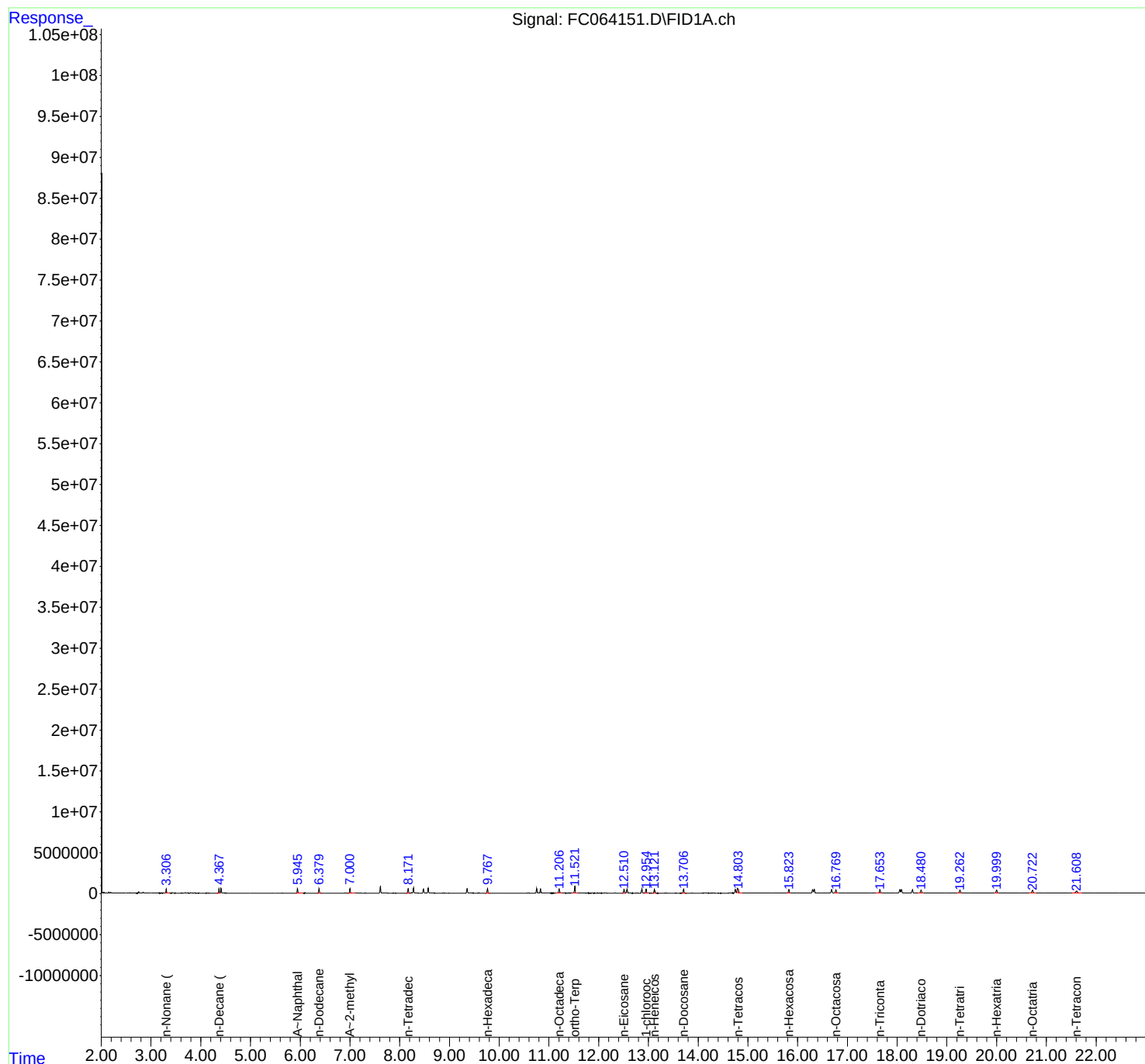
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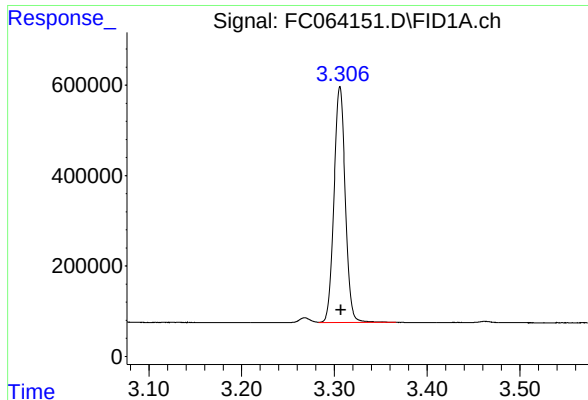
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#1 n-Nonane (C9)

R.T.: 3.306 min
Delta R.T.: 0.000 min
Response: 4399542
Conc: 24.67 ug/ml

Instrument :

FID_C

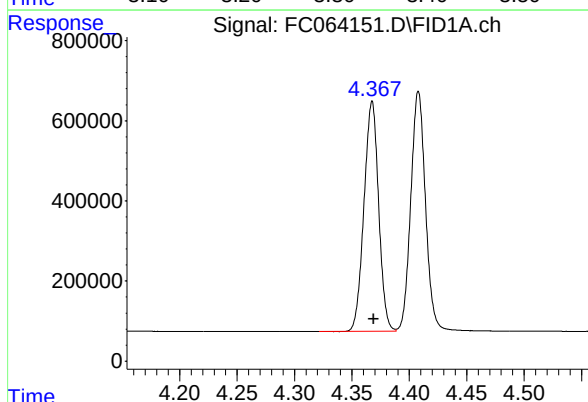
ClientSampleId :

TP5MS

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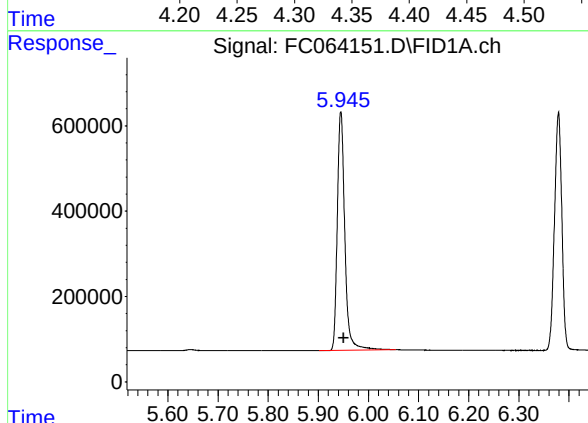
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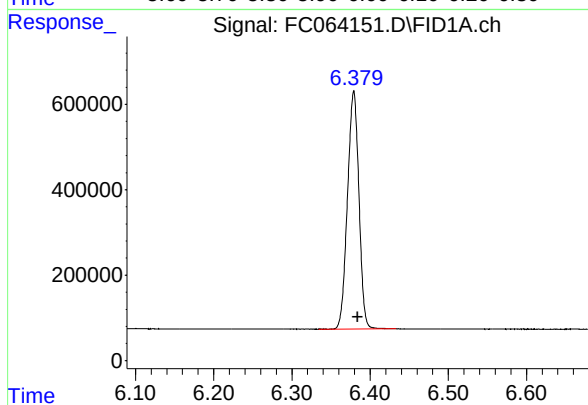
#2 n-Decane (C10)

R.T.: 4.368 min
Delta R.T.: -0.001 min
Response: 5101074
Conc: 28.19 ug/ml



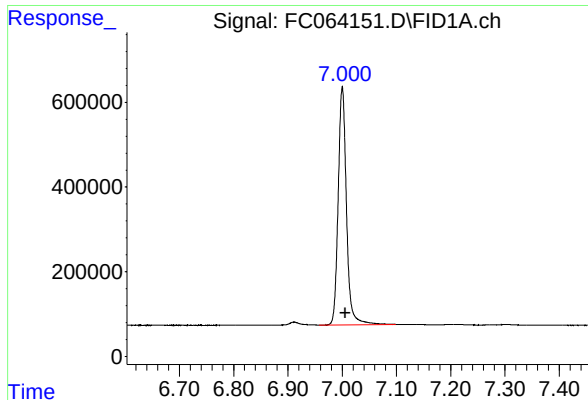
#3 A~Naphthalene (C11.7)

R.T.: 5.945 min
Delta R.T.: -0.005 min
Response: 5830460
Conc: 31.26 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.379 min
Delta R.T.: -0.005 min
Response: 5671658
Conc: 31.48 ug/ml



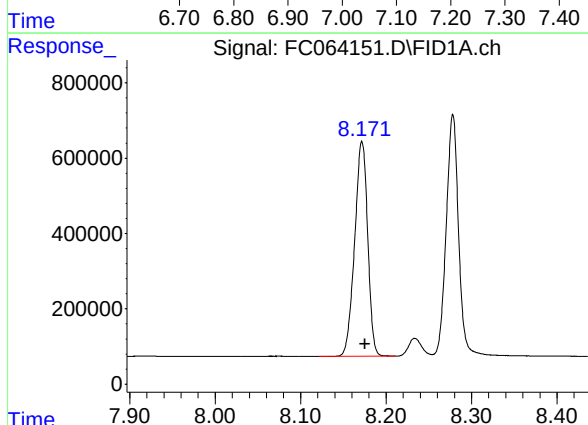
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.000 min
Delta R.T.: -0.006 min
Response: 5965805
Conc: 33.90 ug/ml

Instrument :
FID_C
ClientSampleId :
TP5MS

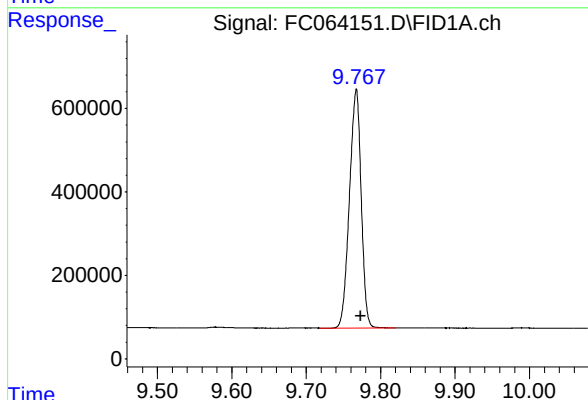
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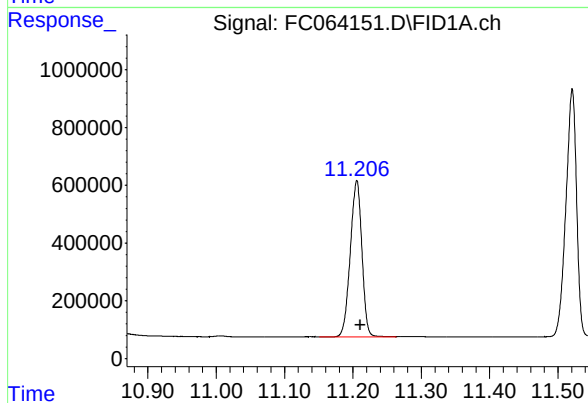
#6 n-Tetradecane (C14)

R.T.: 8.172 min
Delta R.T.: -0.003 min
Response: 6053170
Conc: 34.99 ug/ml



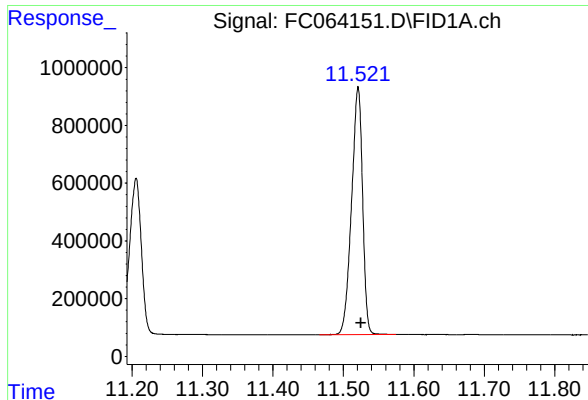
#7 n-Hexadecane (C16)

R.T.: 9.767 min
Delta R.T.: -0.006 min
Response: 6262273
Conc: 36.05 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.206 min
Delta R.T.: -0.005 min
Response: 6376049
Conc: 37.00 ug/ml



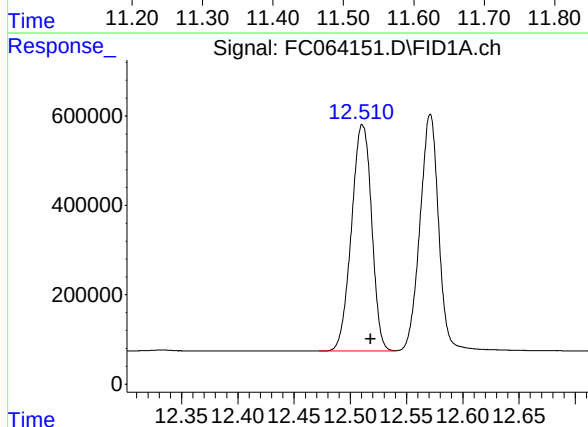
#9 ortho-Terphenyl (SURR)

R.T.: 11.521 min
Delta R.T.: -0.004 min
Response: 9315734
Conc: 47.98 ug/ml

Instrument :
FID_C
ClientSampleId :
TP5MS

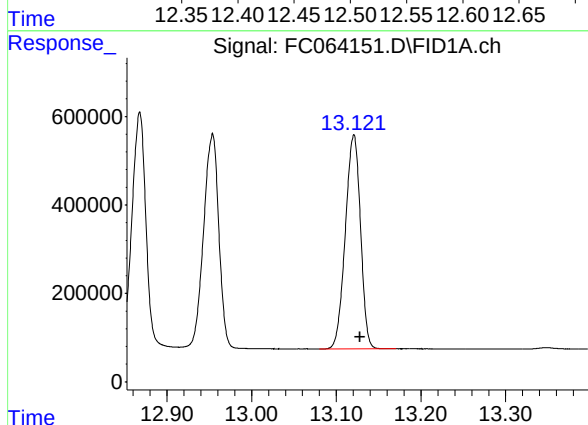
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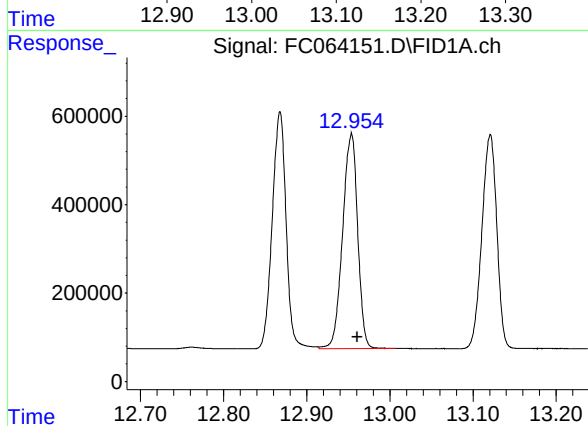
#10 n-Eicosane (C20)

R.T.: 12.511 min
Delta R.T.: -0.007 min
Response: 6308366
Conc: 38.64 ug/ml



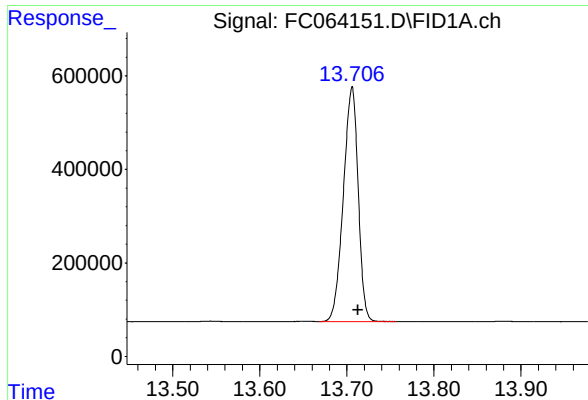
#11 n-Heneicosane (C21)

R.T.: 13.121 min
Delta R.T.: -0.007 min
Response: 6022989
Conc: 37.59 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.954 min
Delta R.T.: -0.007 min
Response: 6113556
Conc: 43.94 ug/ml



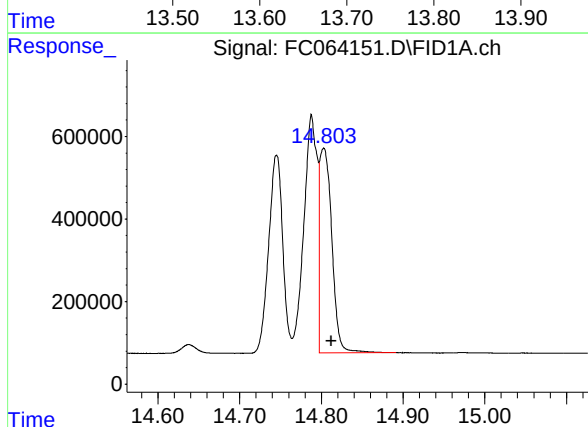
#13 n-Docosane (C22)

R.T.: 13.706 min
Delta R.T.: -0.007 min
Response: 5944431
Conc: 37.83 ug/ml

Instrument :
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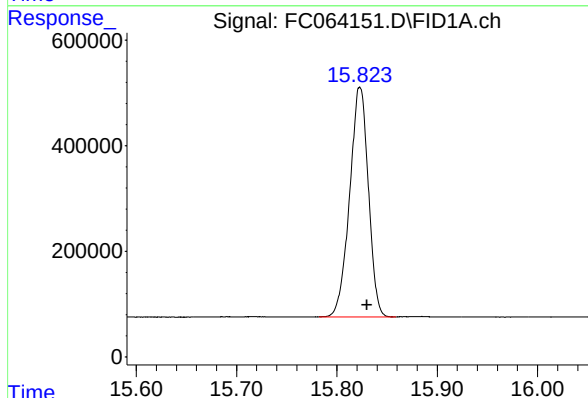
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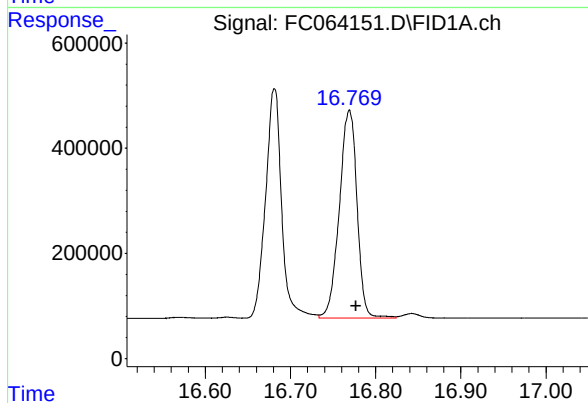
#14 n-Tetracosane (C24)

R.T.: 14.803 min
Delta R.T.: -0.009 min
Response: 5191179
Conc: 32.93 ug/ml



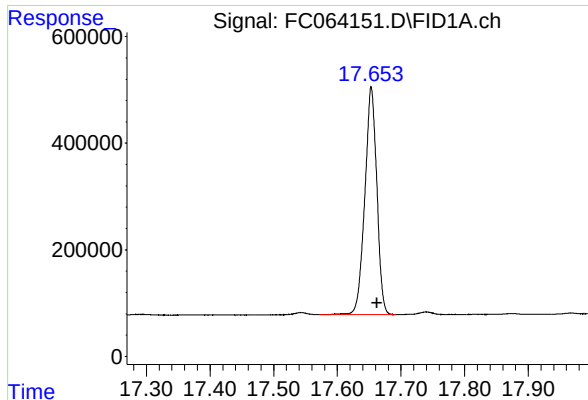
#15 n-Hexacosane (C26)

R.T.: 15.823 min
Delta R.T.: -0.007 min
Response: 5645587
Conc: 37.37 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.769 min
Delta R.T.: -0.008 min
Response: 5717111
Conc: 37.94 ug/ml



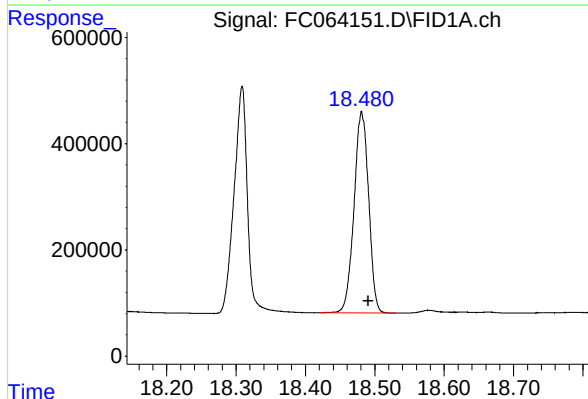
#17 n-Tricontane (C30)

R.T.: 17.653 min
Delta R.T.: -0.009 min
Response: 5586437
Conc: 35.78 ug/ml

Instrument :
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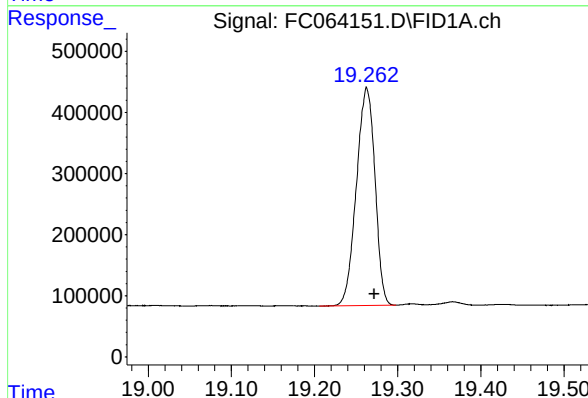
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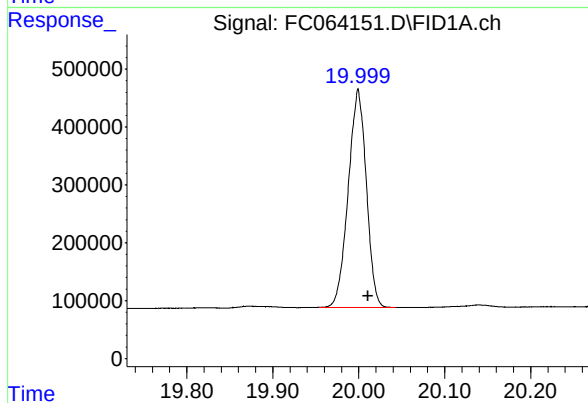
#18 n-Dotriacontane (C32)

R.T.: 18.481 min
Delta R.T.: -0.010 min
Response: 5540715
Conc: 35.07 ug/ml



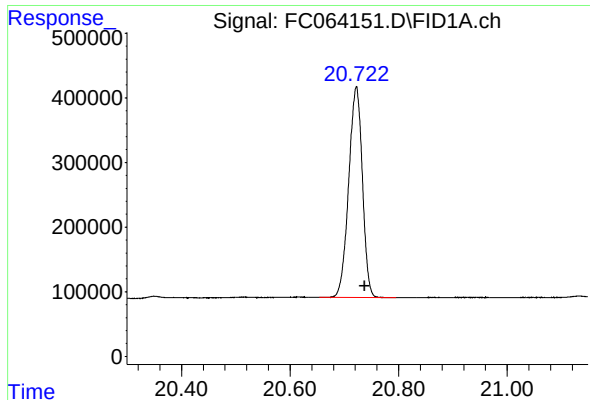
#19 n-Tetatriacontane (C34)

R.T.: 19.263 min
Delta R.T.: -0.009 min
Response: 5528799
Conc: 35.93 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.999 min
Delta R.T.: -0.012 min
Response: 5506720
Conc: 37.30 ug/ml m



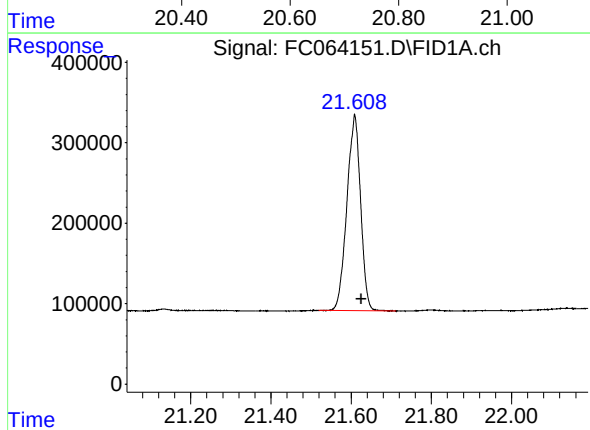
#21 n-Octatriacontane (C38)

R.T.: 20.722 min
Delta R.T.: -0.015 min
Response: 5708484
Conc: 38.54 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.609 min
Delta R.T.: -0.016 min
Response: 5779714
Conc: 39.65 ug/ml