

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F110323AL\
 Data File : FC064993.D
 Signal(s) : FID1A.ch
 Acq On : 03 Nov 2023 14:37
 Operator : YP/AJ
 Sample : PB156878BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB156878BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/06/2023
 Supervised By :mohammad ahmed 11/06/2023

Integration File: autoint1.e
 Quant Time: Nov 04 00:26:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102823.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:12:00 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)	11.510	9146337	41.558 ug/ml
Spiked Amount 50.000		Recovery =	83.12%
12) S 1-chlorooctadecane (S...	12.941	7046937	44.577 ug/ml
Spiked Amount 50.000		Recovery =	89.15%
Target Compounds			
1) T n-Nonane (C9)	3.331	7789445	41.200 ug/ml
2) T n-Decane (C10)	4.380	8164652	42.939 ug/ml
3) T A~Naphthalene (C11.7)	5.952	9136235	47.320 ug/ml
4) T n-Dodecane (C12)	6.381	8563431	44.330 ug/ml
5) T A~2-methylnaphthalene...	7.004	8807512	47.929 ug/ml
6) T n-Tetradecane (C14)	8.169	8643588	45.809 ug/ml
7) T n-Hexadecane (C16)	9.762	8546710	45.215 ug/ml
8) T n-Octadecane (C18)	11.197	8474471	44.903 ug/ml
10) T n-Eicosane (C20)	12.500	8218742	45.715 ug/ml
11) T n-Heneicosane (C21)	13.108	7708885	43.908 ug/ml
13) T n-Docosane (C22)	13.692	7506437	43.700 ug/ml
14) T n-Tetracosane (C24)	14.784	14200803	85.261 ug/ml
15) T n-Hexacosane (C26)	15.807	6728401	41.919 ug/ml
16) T n-Octacosane (C28)	16.751	6808553	43.505 ug/ml
17) T n-Tricontane (C30)	17.635	6325581	39.936 ug/ml
18) T n-Dotriacontane (C32)	18.464	6017347	38.110 ug/ml
19) T n-Tetratriacontane (C34)	19.243	5454496	35.734 ug/ml
20) T n-Hexatriacontane (C36)	19.980	4131153	27.380 ug/mlm
21) T n-Octatriacontane (C38)	20.697	2829697	19.015 ug/ml
22) T n-Tetracontane (C40)	21.575	1868292	12.703 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 12 Sample Multiplier: 1

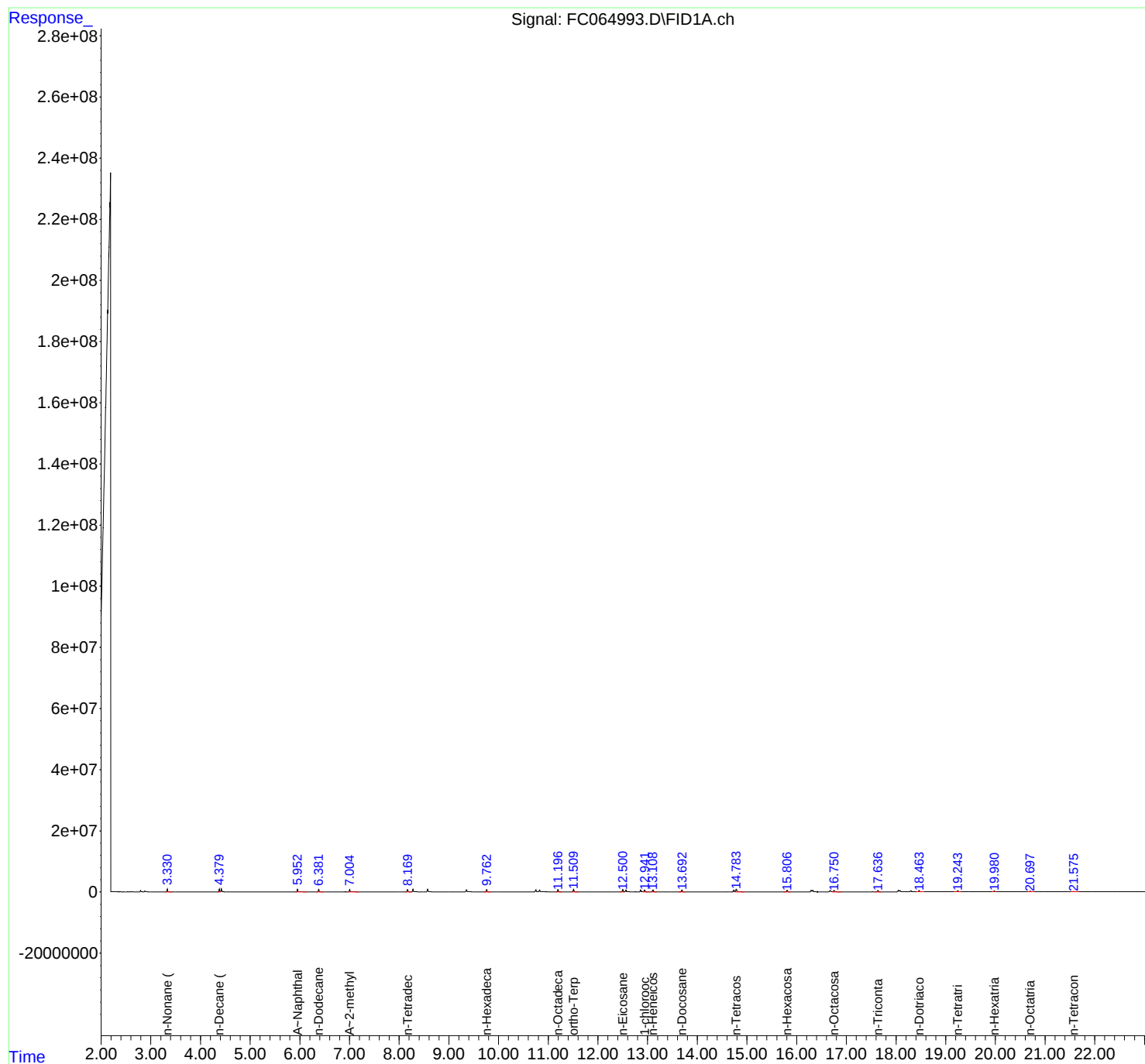
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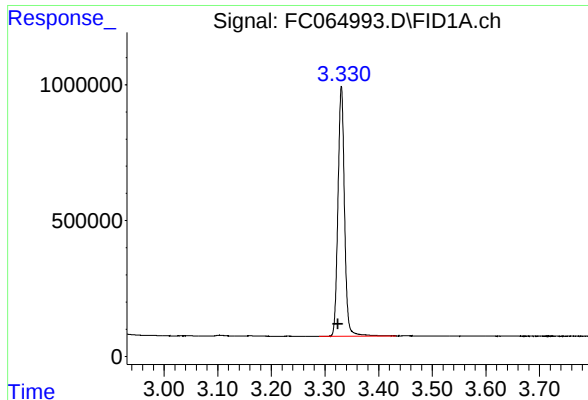
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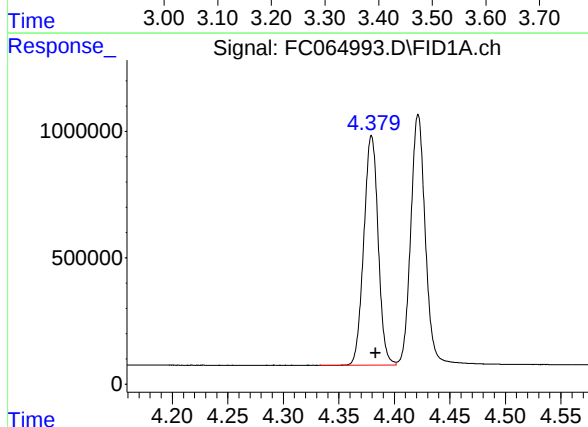
#1 n-Nonane (C9)

R.T.: 3.331 min
Delta R.T.: 0.007 min
Response: 7789445
Conc: 41.20 ug/ml

Instrument :
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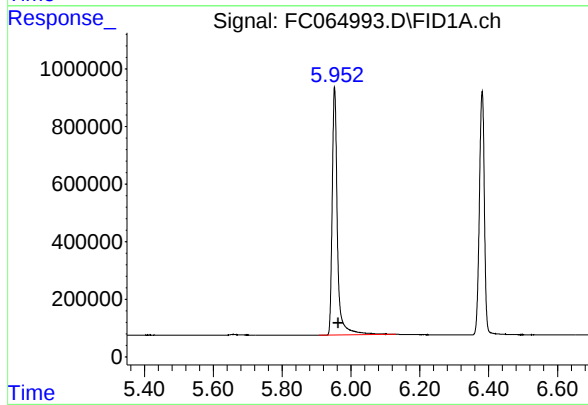
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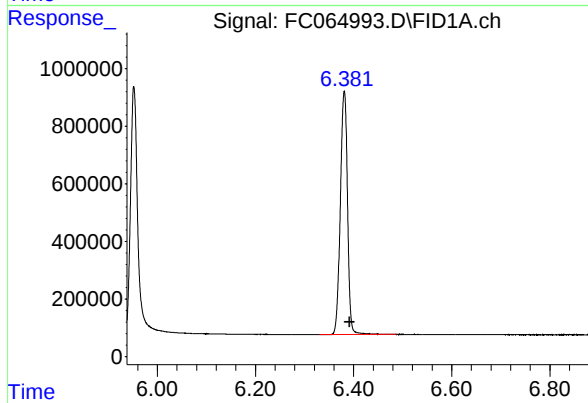
#2 n-Decane (C10)

R.T.: 4.380 min
Delta R.T.: -0.004 min
Response: 8164652
Conc: 42.94 ug/ml



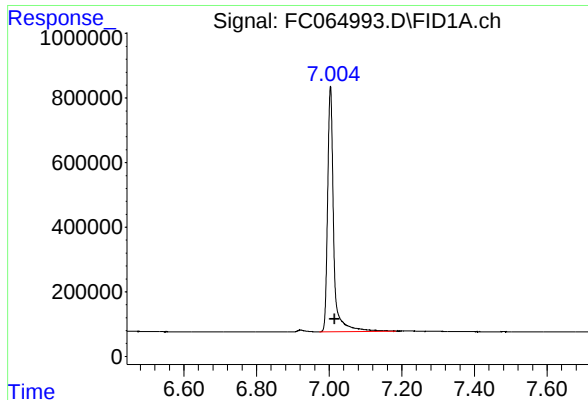
#3 A~Naphthalene (C11.7)

R.T.: 5.952 min
Delta R.T.: -0.010 min
Response: 9136235
Conc: 47.32 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.381 min
Delta R.T.: -0.011 min
Response: 8563431
Conc: 44.33 ug/ml



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

R.T.: 7.004 min
Delta R.T.: -0.012 min
Response: 8807512
Conc: 47.93 ug/ml

Instrument :

FID_C

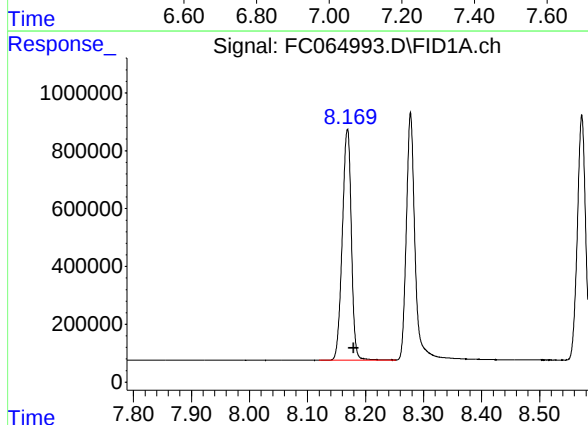
ClientSampleId :

PB156878BS

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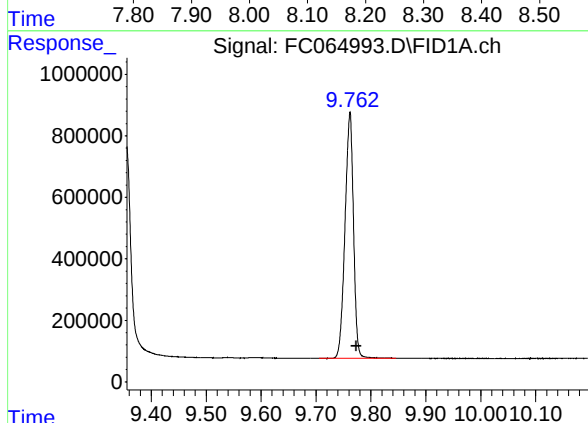
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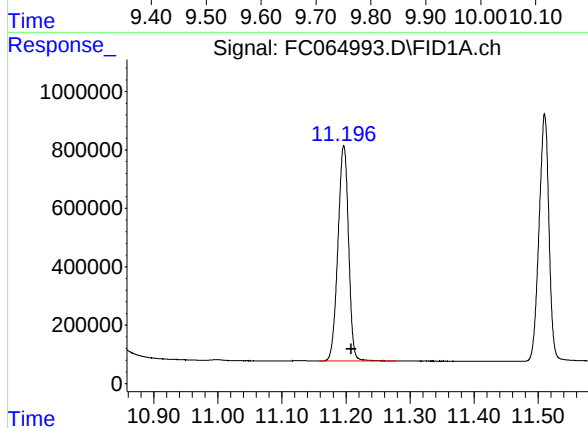
#6 n-Tetradecane (C14)

R.T.: 8.169 min
Delta R.T.: -0.011 min
Response: 8643588
Conc: 45.81 ug/ml



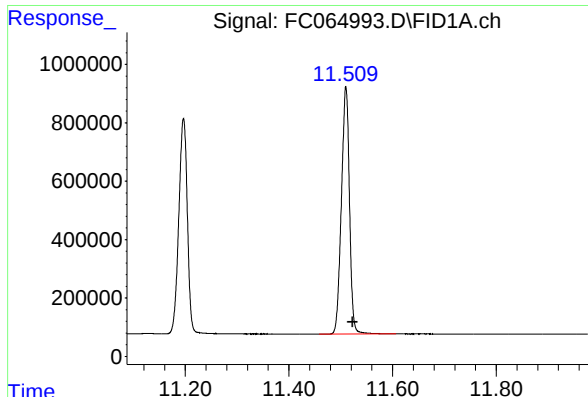
#7 n-Hexadecane (C16)

R.T.: 9.762 min
Delta R.T.: -0.011 min
Response: 8546710
Conc: 45.21 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.197 min
Delta R.T.: -0.012 min
Response: 8474471
Conc: 44.90 ug/ml



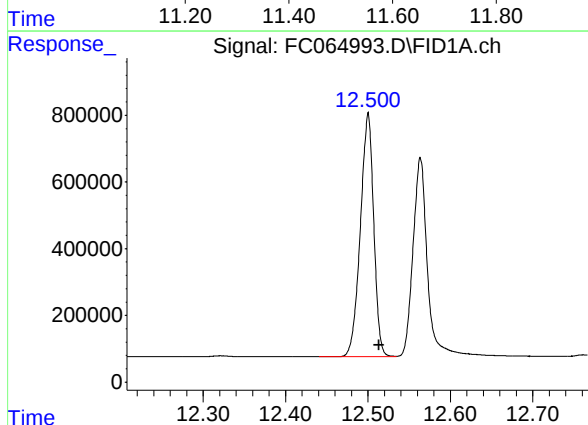
#9 ortho-Terphenyl (SURR)

R.T.: 11.510 min
Delta R.T.: -0.013 min
Response: 9146337
Conc: 41.56 ug/ml

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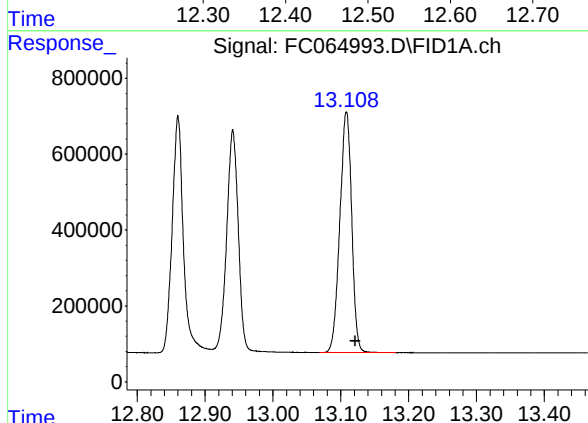
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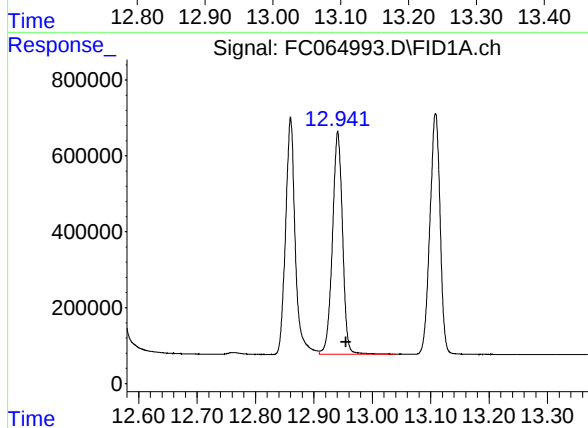
#10 n-Eicosane (C20)

R.T.: 12.500 min
Delta R.T.: -0.013 min
Response: 8218742
Conc: 45.72 ug/ml



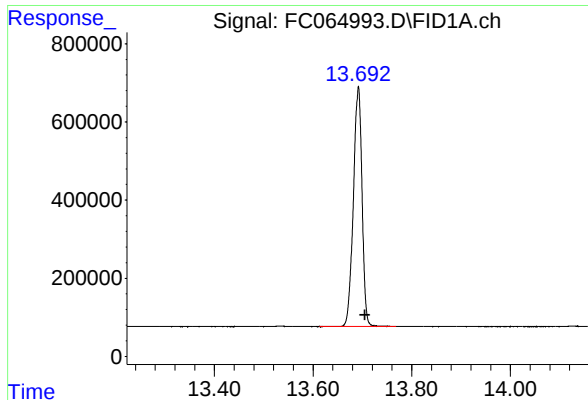
#11 n-Heneicosane (C21)

R.T.: 13.108 min
Delta R.T.: -0.013 min
Response: 7708885
Conc: 43.91 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.941 min
Delta R.T.: -0.014 min
Response: 7046937
Conc: 44.58 ug/ml



#13 n-Docosane (C22)

R.T.: 13.692 min
Delta R.T.: -0.013 min
Response: 7506437
Conc: 43.70 ug/ml

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FID_C

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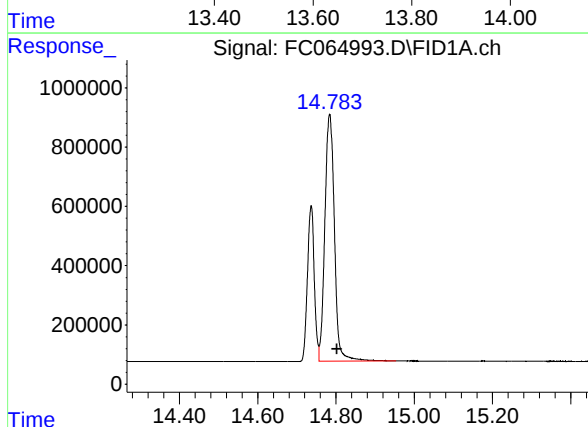
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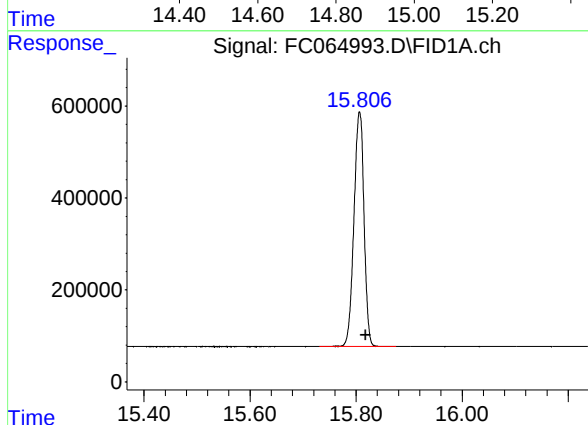
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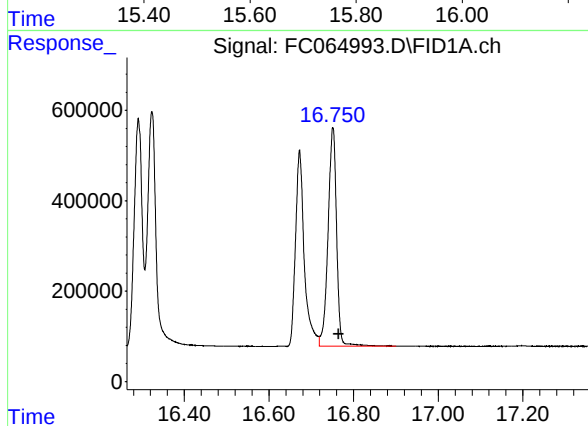
#14 n-Tetracosane (C24)

R.T.: 14.784 min
Delta R.T.: -0.018 min
Response: 14200803
Conc: 85.26 ug/ml



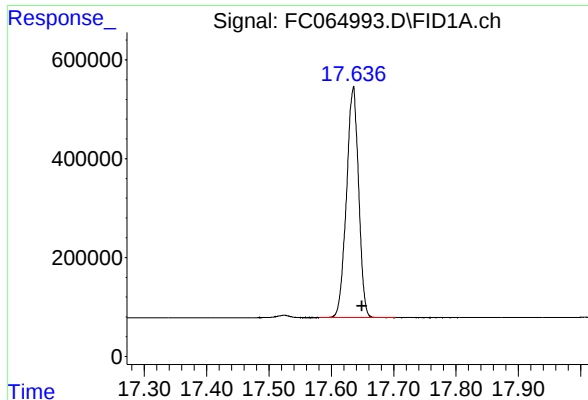
#15 n-Hexacosane (C26)

R.T.: 15.807 min
Delta R.T.: -0.012 min
Response: 6728401
Conc: 41.92 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.751 min
Delta R.T.: -0.013 min
Response: 6808553
Conc: 43.50 ug/ml



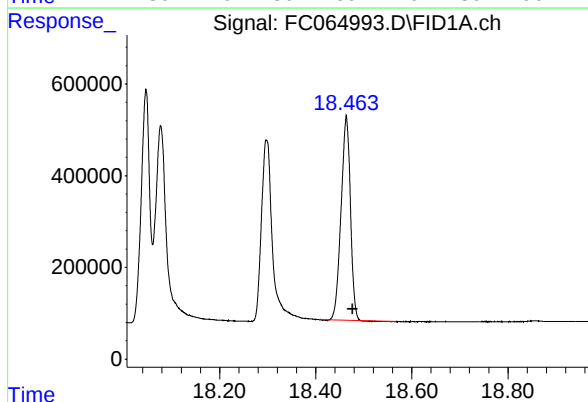
#17 n-Tricontane (C30)

R.T.: 17.635 min
Delta R.T.: -0.014 min
Response: 6325581
Conc: 39.94 ug/ml

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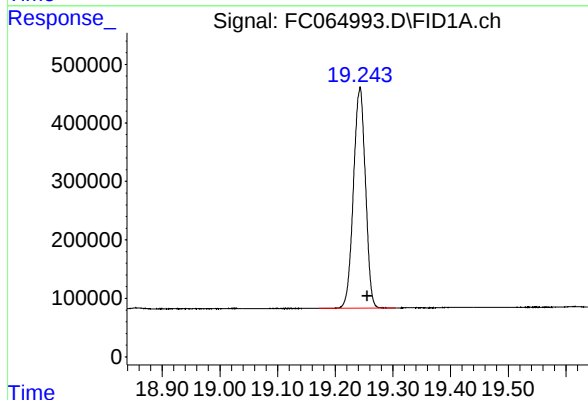
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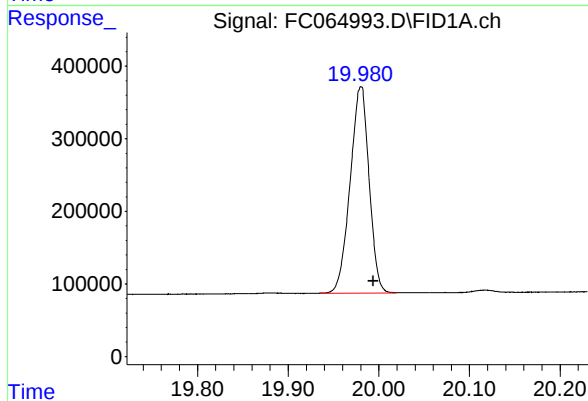
#18 n-Dotriacontane (C32)

R.T.: 18.464 min
Delta R.T.: -0.013 min
Response: 6017347
Conc: 38.11 ug/ml



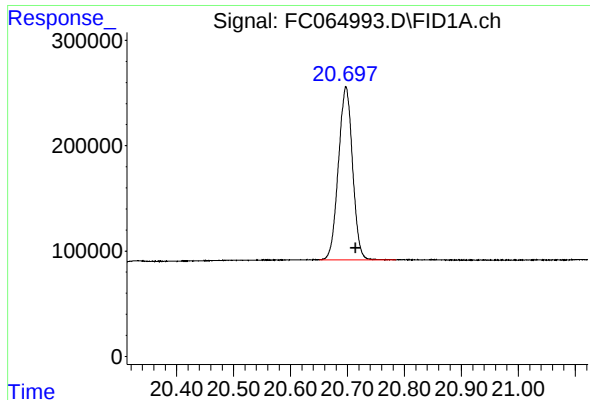
#19 n-Tetatriacontane (C34)

R.T.: 19.243 min
Delta R.T.: -0.013 min
Response: 5454496
Conc: 35.73 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.980 min
Delta R.T.: -0.014 min
Response: 4131153
Conc: 27.38 ug/ml m



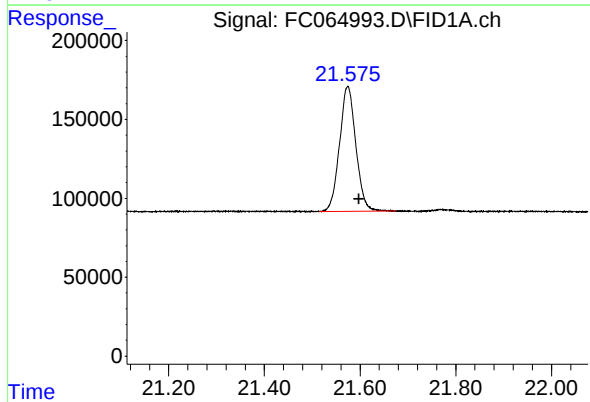
#21 n-Octatriacontane (C38)

R.T.: 20.697 min
Delta R.T.: -0.017 min
Response: 2829697
Conc: 19.01 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.575 min
Delta R.T.: -0.023 min
Response: 1868292
Conc: 12.70 ug/ml m