

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060823AL\
 Data File : FC063786.D
 Signal(s) : FID1A.ch
 Acq On : 08 Jun 2023 14:28
 Operator : YP/AJ
 Sample : PB153296BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB153296BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/09/2023
 Supervised By :Ankita Jodhani 06/09/2023

Integration File: autoint1.e
 Quant Time: Jun 09 01:26:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:12:33 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)	11.538	6464674	35.426 ug/ml
Spiked Amount 50.000		Recovery =	70.85%
12) S 1-chlorooctadecane (S...	12.972	4808576	37.634 ug/ml
Spiked Amount 50.000		Recovery =	75.27%
Target Compounds			
1) T n-Nonane (C9)	3.330	6075207	38.117 ug/ml
2) T n-Decane (C10)	4.386	6373820	39.430 ug/ml
3) T A~Naphthalene (C11.7)	5.962	6681173	38.458 ug/ml
4) T n-Dodecane (C12)	6.394	6438886	39.379 ug/ml
5) T A~2-methylnaphthalene...	7.017	6243328	38.110 ug/ml
6) T n-Tetradecane (C14)	8.186	6284600	39.960 ug/ml
7) T n-Hexadecane (C16)	9.783	6321013	39.720 ug/ml
8) T n-Octadecane (C18)	11.223	6120723	38.683 ug/ml
10) T n-Eicosane (C20)	12.531	5944950	40.198 ug/ml
11) T n-Heneicosane (C21)	13.140	5645322	39.219 ug/ml
13) T n-Docosane (C22)	13.725	5551198	39.406 ug/ml
14) T n-Tetracosane (C24)	14.809	10649547	77.610 ug/mlm
15) T n-Hexacosane (C26)	15.843	5263335	39.695 ug/ml
16) T n-Octacosane (C28)	16.790	5183152	40.820 ug/ml
17) T n-Tricontane (C30)	17.677	5225358	40.899 ug/ml
18) T n-Dotriacontane (C32)	18.505	5167276	41.526 ug/ml
19) T n-Tetratriacontane (C34)	19.286	4895072	39.701 ug/ml
20) T n-Hexatriacontane (C36)	20.022	3948671	32.899 ug/ml
21) T n-Octatriacontane (C38)	20.747	2911196	24.113 ug/ml
22) T n-Tetracontane (C40)	21.642	2103792	17.362 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB153296BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

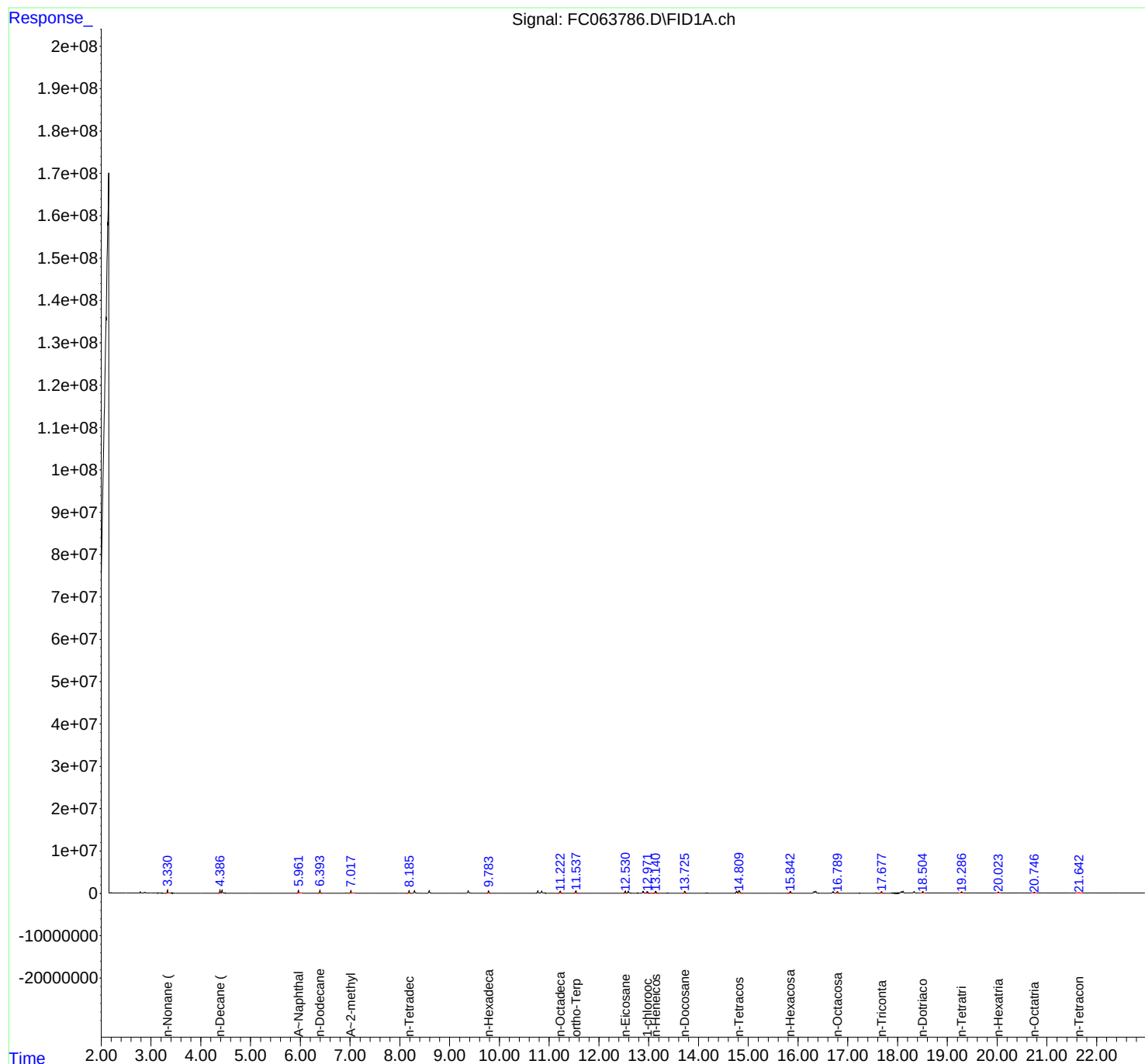
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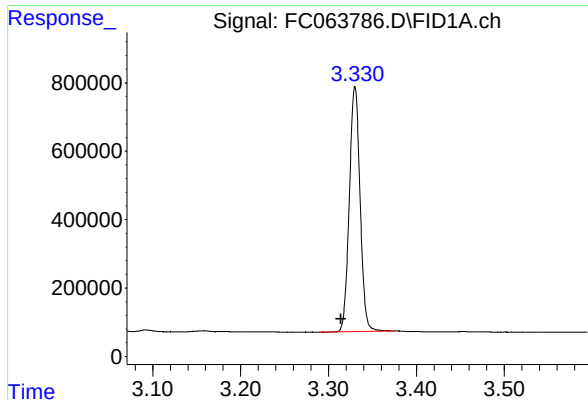
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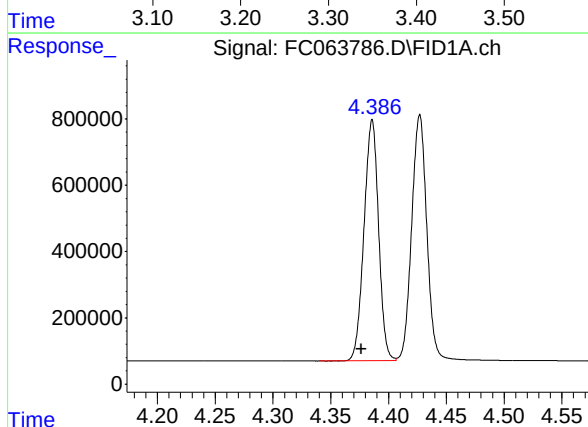
#1 n-Nonane (C9)

R.T.: 3.330 min
Delta R.T.: 0.016 min
Response: 6075207
Conc: 38.12 ug/ml

Instrument :
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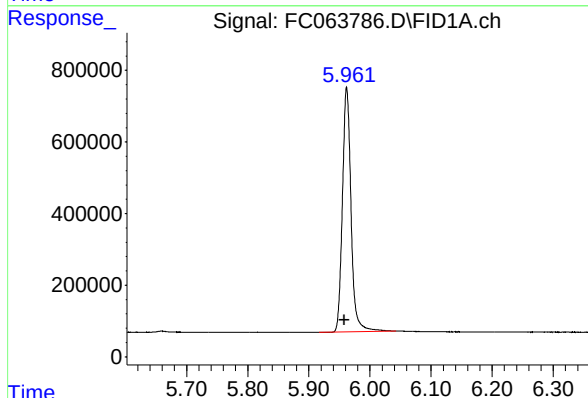
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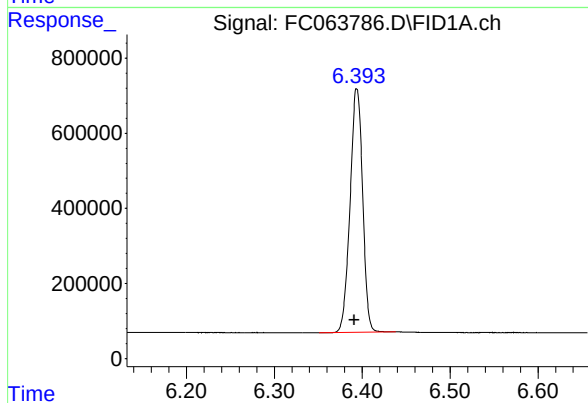
#2 n-Decane (C10)

R.T.: 4.386 min
Delta R.T.: 0.009 min
Response: 6373820
Conc: 39.43 ug/ml



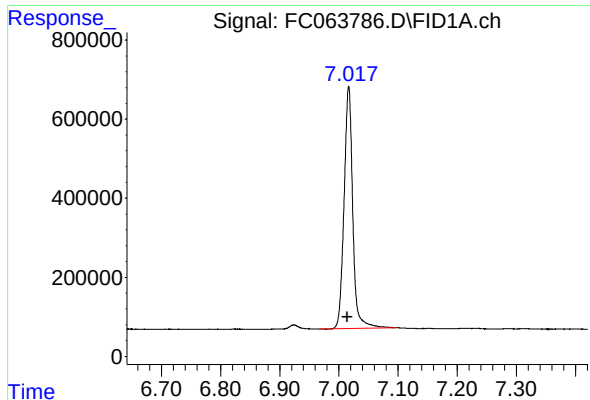
#3 A~Naphthalene (C11.7)

R.T.: 5.962 min
Delta R.T.: 0.004 min
Response: 6681173
Conc: 38.46 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.394 min
Delta R.T.: 0.003 min
Response: 6438886
Conc: 39.38 ug/ml



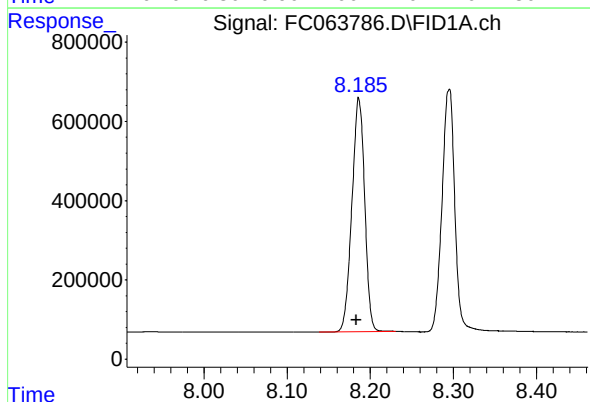
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.017 min
Delta R.T.: 0.002 min
Response: 6243328
Conc: 38.11 ug/ml

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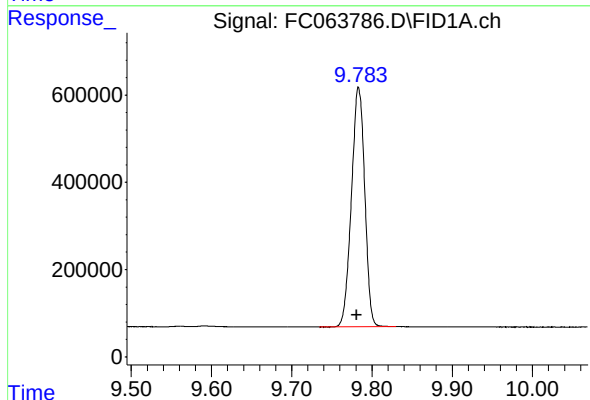
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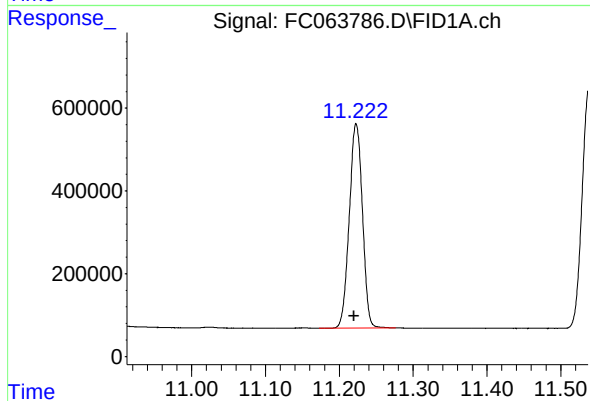
#6 n-Tetradecane (C14)

R.T.: 8.186 min
Delta R.T.: 0.003 min
Response: 6284600
Conc: 39.96 ug/ml



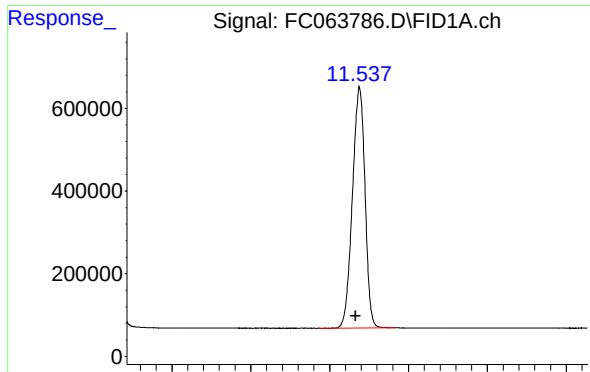
#7 n-Hexadecane (C16)

R.T.: 9.783 min
Delta R.T.: 0.003 min
Response: 6321013
Conc: 39.72 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.223 min
Delta R.T.: 0.003 min
Response: 6120723
Conc: 38.68 ug/ml



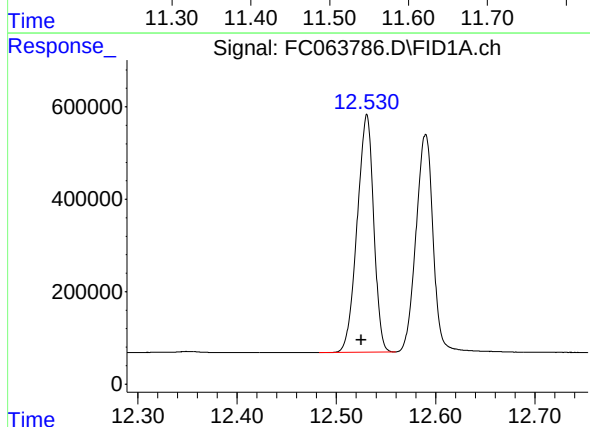
#9 ortho-Terphenyl (SURR)

R.T.: 11.538 min
Delta R.T.: 0.005 min
Response: 6464674
Conc: 35.43 ug/ml

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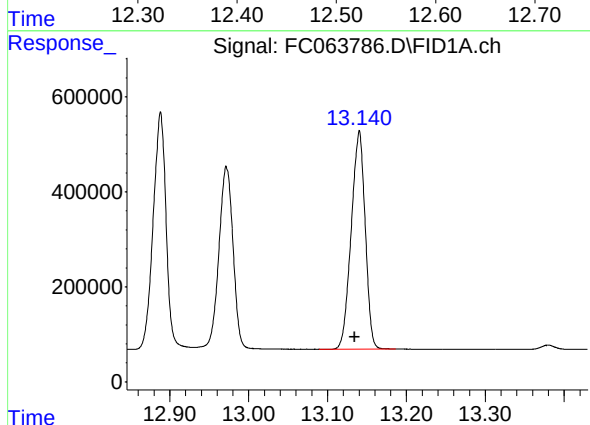
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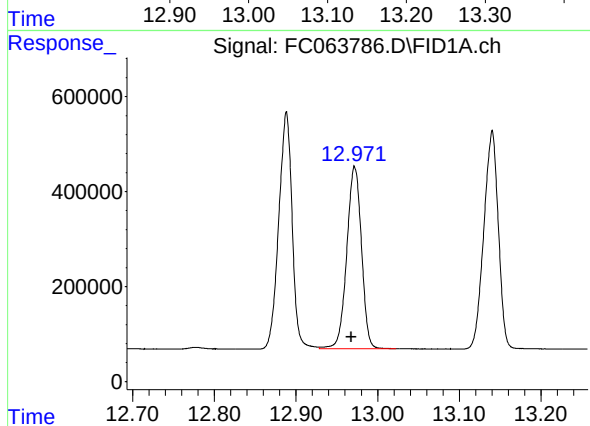
#10 n-Eicosane (C20)

R.T.: 12.531 min
Delta R.T.: 0.006 min
Response: 5944950
Conc: 40.20 ug/ml



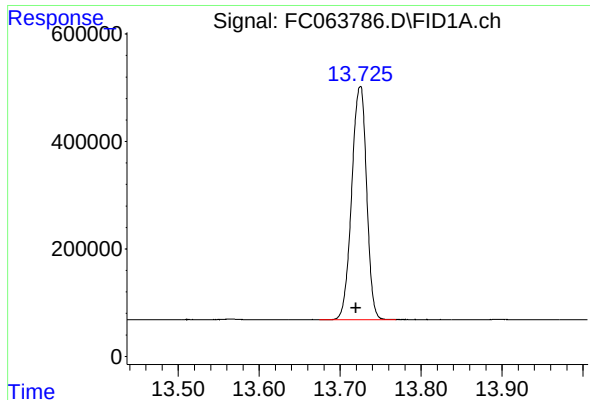
#11 n-Heneicosane (C21)

R.T.: 13.140 min
Delta R.T.: 0.006 min
Response: 5645322
Conc: 39.22 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.972 min
Delta R.T.: 0.004 min
Response: 4808576
Conc: 37.63 ug/ml



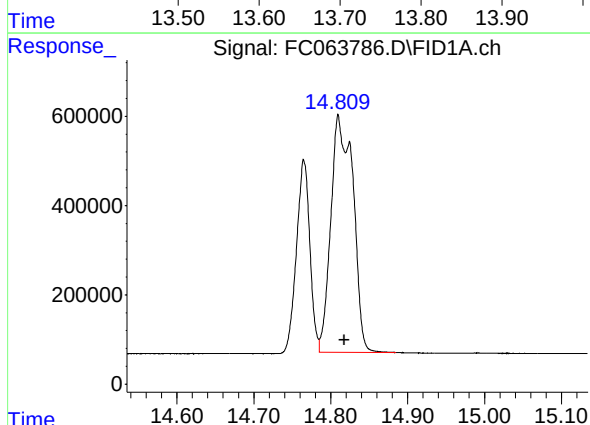
#13 n-Docosane (C22)

R.T.: 13.725 min
Delta R.T.: 0.005 min
Response: 5551198
Conc: 39.41 ug/ml

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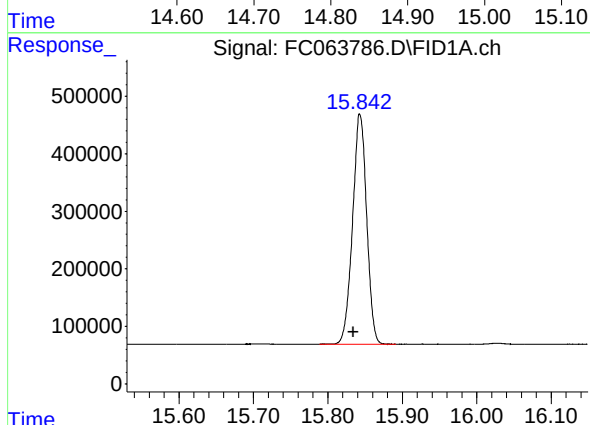
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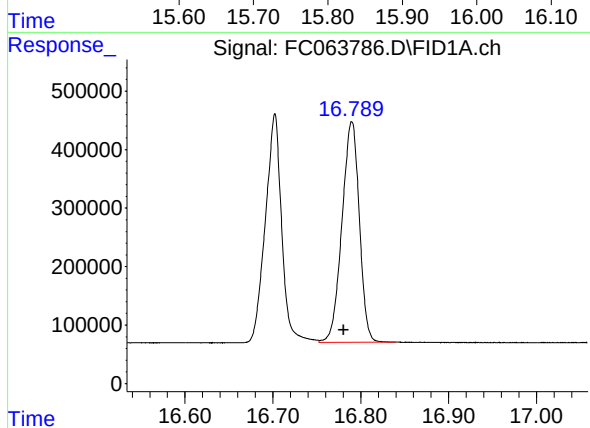
#14 n-Tetracosane (C24)

R.T.: 14.809 min
Delta R.T.: -0.008 min
Response: 10649547
Conc: 77.61 ug/ml m



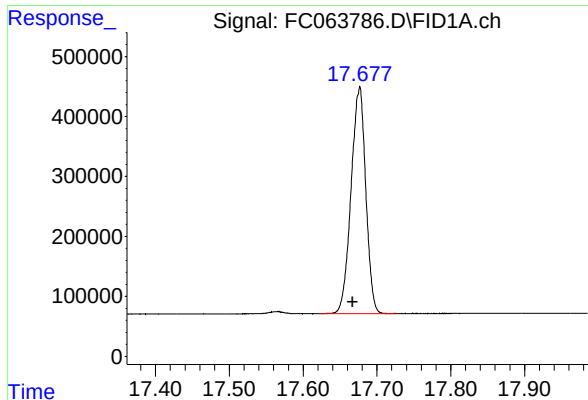
#15 n-Hexacosane (C26)

R.T.: 15.843 min
Delta R.T.: 0.009 min
Response: 5263335
Conc: 39.70 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.790 min
Delta R.T.: 0.009 min
Response: 5183152
Conc: 40.82 ug/ml



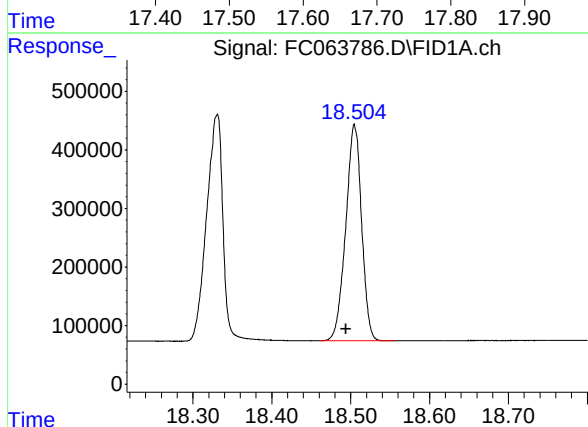
#17 n-Tricontane (C30)

R.T.: 17.677 min
Delta R.T.: 0.010 min
Response: 5225358
Conc: 40.90 ug/ml

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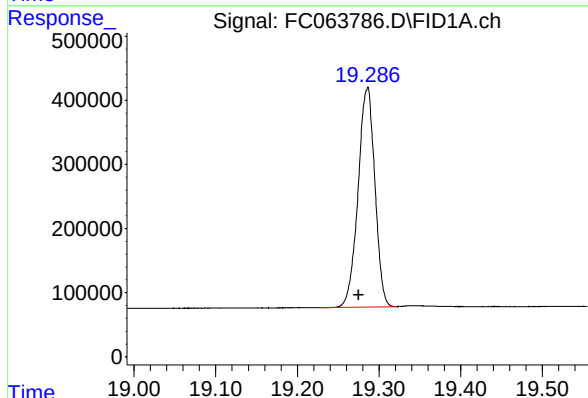
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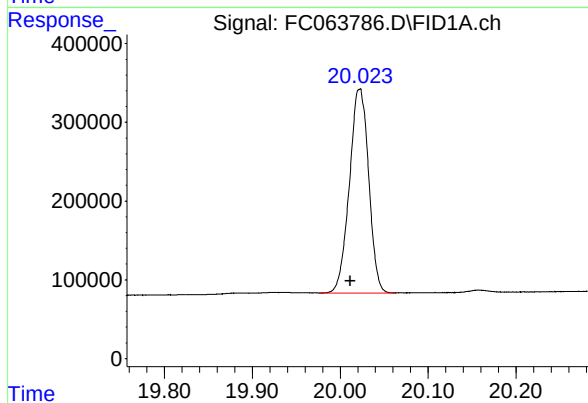
#18 n-Dotriacontane (C32)

R.T.: 18.505 min
Delta R.T.: 0.011 min
Response: 5167276
Conc: 41.53 ug/ml



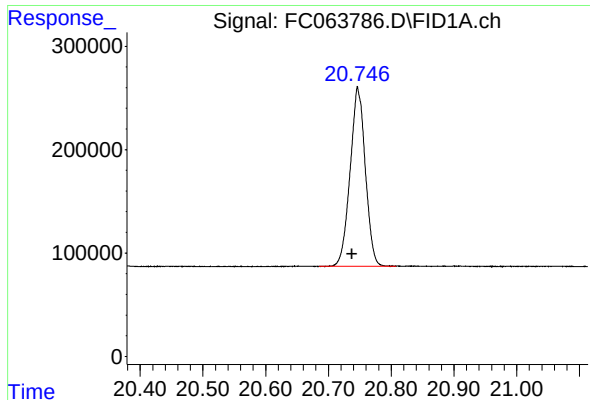
#19 n-Tetatriacontane (C34)

R.T.: 19.286 min
Delta R.T.: 0.011 min
Response: 4895072
Conc: 39.70 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.022 min
Delta R.T.: 0.010 min
Response: 3948671
Conc: 32.90 ug/ml



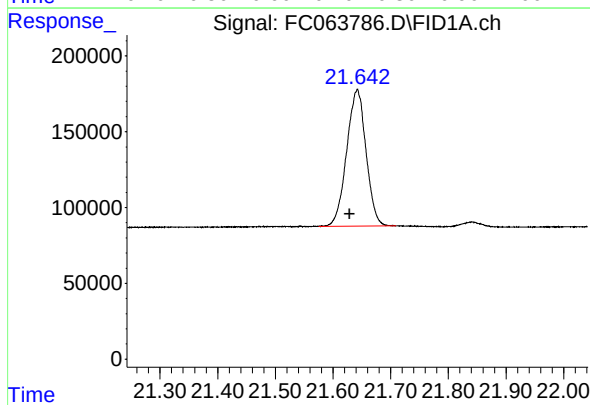
#21 n-Octatriacontane (C38)

R.T.: 20.747 min
Delta R.T.: 0.009 min
Response: 2911196
Conc: 24.11 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.642 min
Delta R.T.: 0.013 min
Response: 2103792
Conc: 17.36 ug/ml