

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC083122AL\
 Data File : FC061396.D
 Signal(s) : FID1A.ch
 Acq On : 01 Sep 2022 01:04
 Operator : YP/AJ
 Sample : N4451-01MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP1MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/01/2022
 Supervised By :Ankita Jodhani 09/01/2022

Integration File: autoint1.e
 Quant Time: Sep 01 05:18:23 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082222.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 31 11:58:37 2022
 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)	11.587	6353276	35.888 ug/ml
Spiked Amount 50.000		Recovery =	71.78%
12) S 1-chlorooctadecane (S...	13.024	5107682	36.470 ug/ml
Spiked Amount 50.000		Recovery =	72.94%
Target Compounds			
1) T n-Nonane (C9)	3.340	4371223	28.912 ug/ml
2) T n-Decane (C10)	4.408	4894598	32.257 ug/ml
3) T A~Naphthalene (C11.7)	5.993	5611858	32.419 ug/ml
4) T n-Dodecane (C12)	6.425	5400156	34.868 ug/ml
5) T A~2-methylnaphthalene...	7.050	5721310	32.492 ug/ml
6) T n-Tetradecane (C14)	8.225	5875900	37.566 ug/ml
7) T n-Hexadecane (C16)	9.826	6380412	40.735 ug/ml
8) T n-Octadecane (C18)	11.270	6454913	40.914 ug/ml
10) T n-Eicosane (C20)	12.580	6342307	40.797 ug/ml
11) T n-Heneicosane (C21)	13.193	6279845	40.148 ug/ml
13) T n-Docosane (C22)	13.778	6207813	40.004 ug/ml
14) T n-Tetracosane (C24)	14.865	11630681	75.181 ug/ml
15) T n-Hexacosane (C26)	15.905	5593533	37.165 ug/ml
16) T n-Octacosane (C28)	16.853	5641113	38.192 ug/ml
17) T n-Tricontane (C30)	17.742	5609799	40.616 ug/ml
18) T n-Dotriacontane (C32)	18.573	5427683	49.448 ug/ml
19) T n-Tetratriacontane (C34)	19.358	5062317	65.585 ug/mlm
20) T n-Hexatriacontane (C36)	20.098	4787403	84.795 ug/mlm
21) T n-Octatriacontane (C38)	20.837	4694281	101.189 ug/mlm
22) T n-Tetracontane (C40)	21.761	4859732	115.863 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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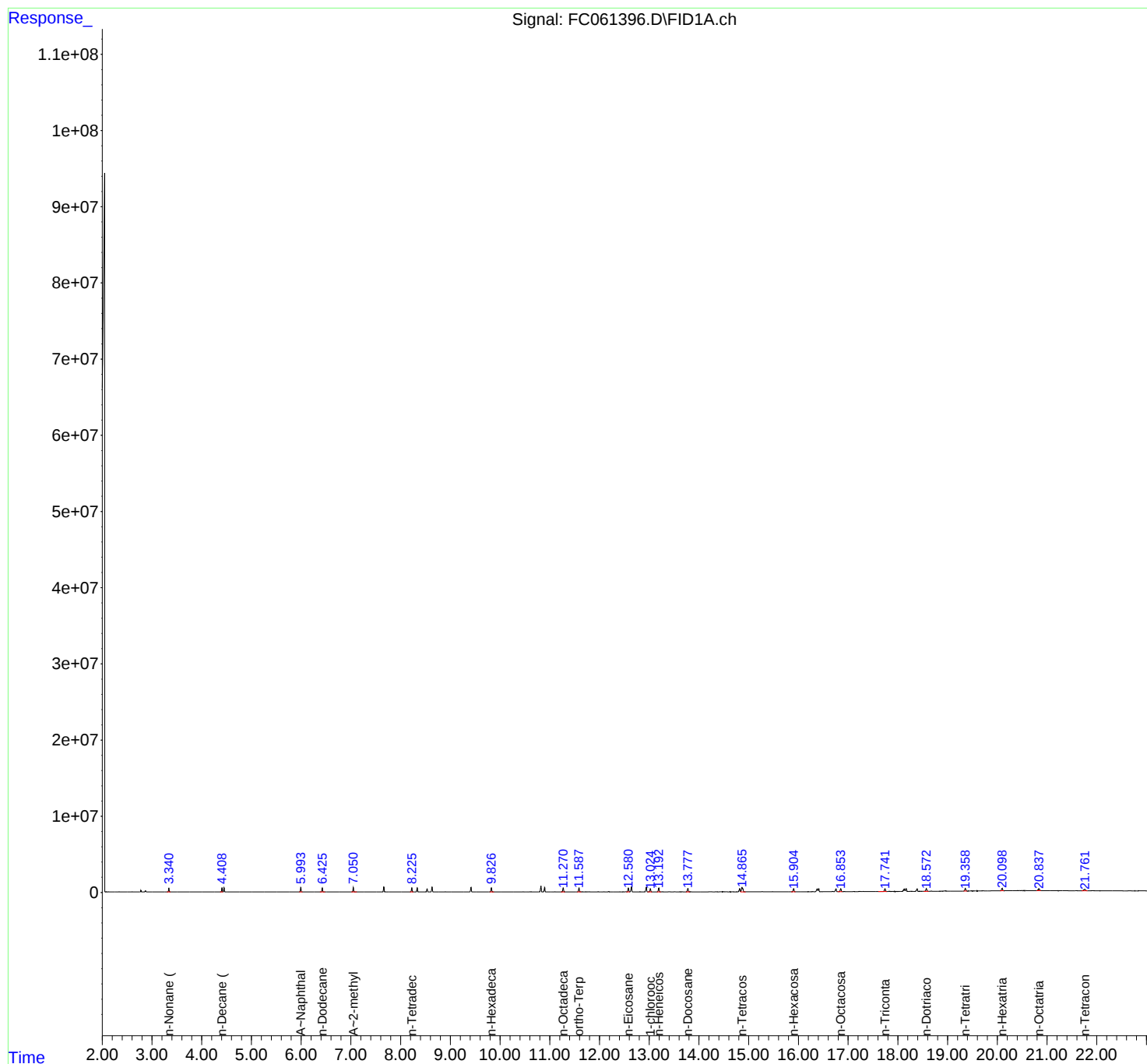
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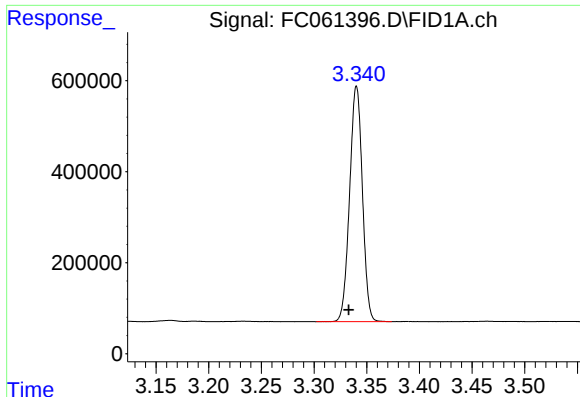
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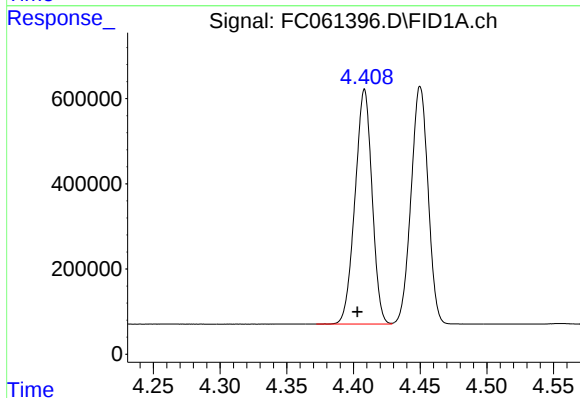
#1 n-Nonane (C9)

R.T.: 3.340 min
Delta R.T.: 0.007 min
Response: 4371223
Conc: 28.91 ug/ml

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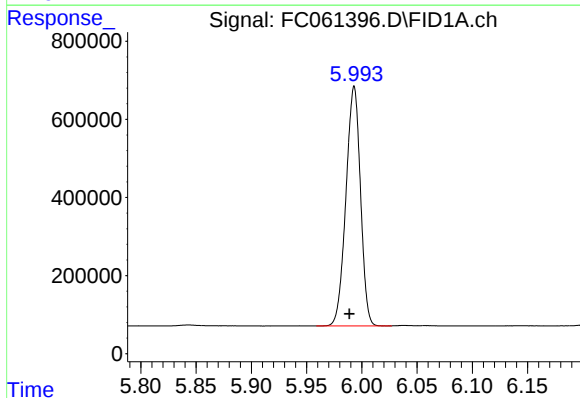
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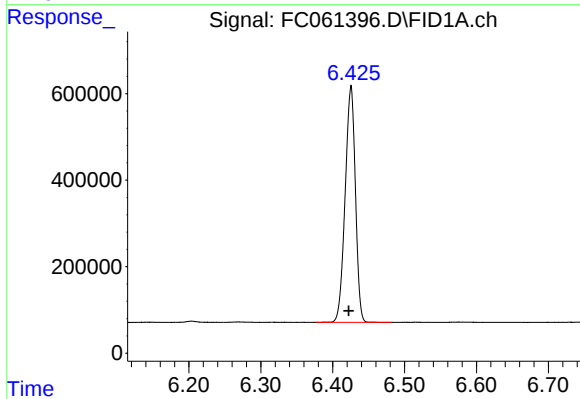
#2 n-Decane (C10)

R.T.: 4.408 min
Delta R.T.: 0.005 min
Response: 4894598
Conc: 32.26 ug/ml



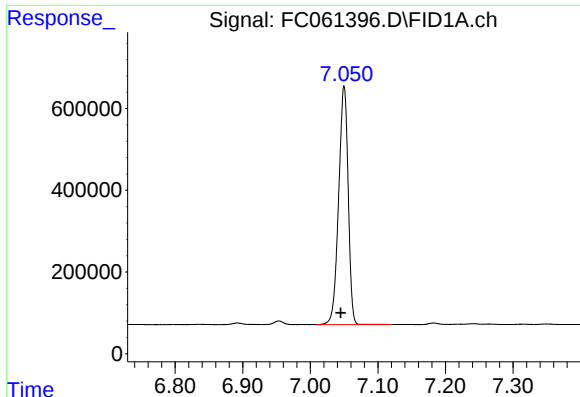
#3 A~Naphthalene (C11.7)

R.T.: 5.993 min
Delta R.T.: 0.004 min
Response: 5611858
Conc: 32.42 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.425 min
Delta R.T.: 0.003 min
Response: 5400156
Conc: 34.87 ug/ml



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

R.T.: 7.050 min
Delta R.T.: 0.005 min
Response: 5721310
Conc: 32.49 ug/ml

Instrument :

FID_C

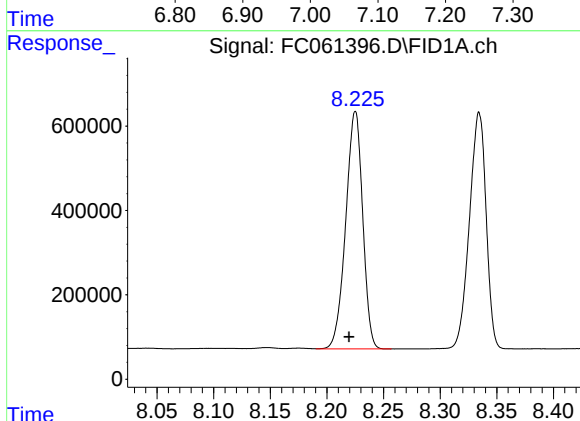
ClientSampleId :

TP1MSD

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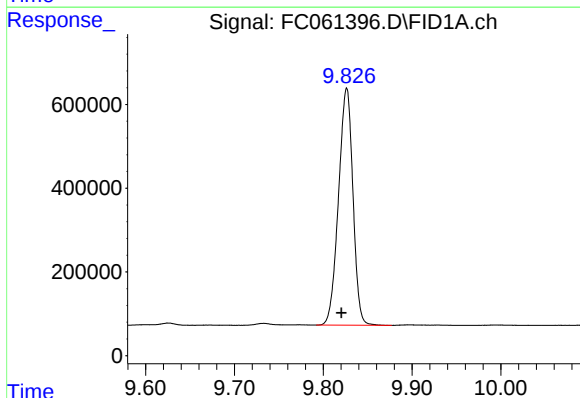
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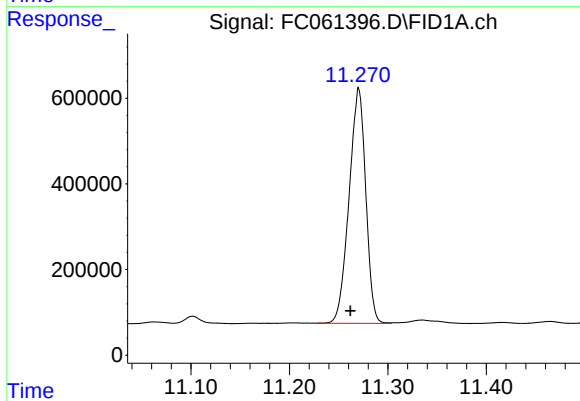
#6 n-Tetradecane (C14)

R.T.: 8.225 min
Delta R.T.: 0.005 min
Response: 5875900
Conc: 37.57 ug/ml



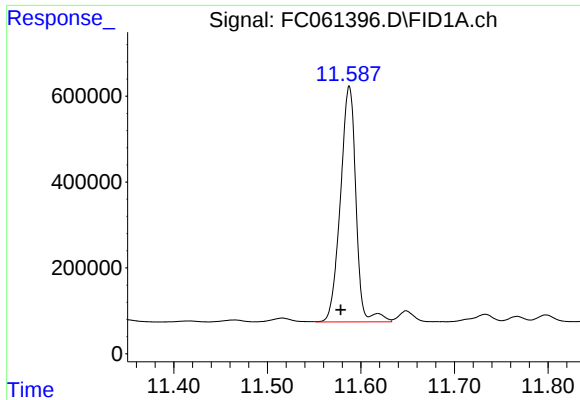
#7 n-Hexadecane (C16)

R.T.: 9.826 min
Delta R.T.: 0.006 min
Response: 6380412
Conc: 40.73 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.270 min
Delta R.T.: 0.008 min
Response: 6454913
Conc: 40.91 ug/ml



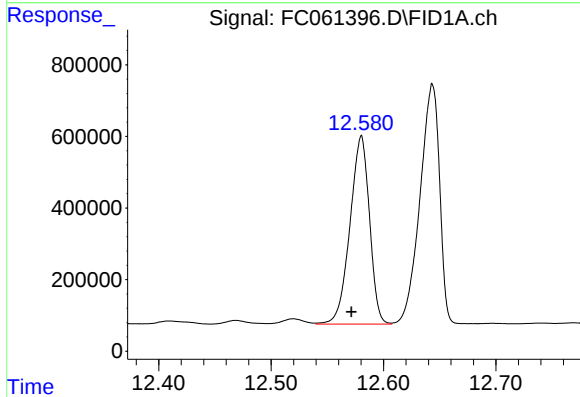
#9 ortho-Terphenyl (SURR)

R.T.: 11.587 min
Delta R.T.: 0.009 min
Response: 6353276
Conc: 35.89 ug/ml

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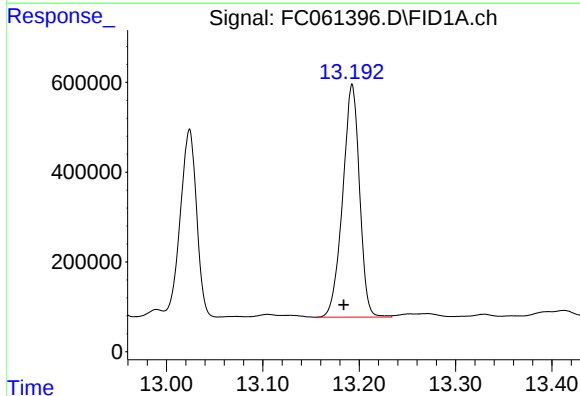
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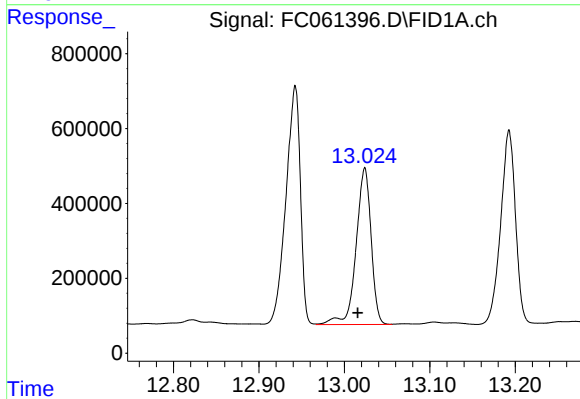
#10 n-Eicosane (C20)

R.T.: 12.580 min
Delta R.T.: 0.009 min
Response: 6342307
Conc: 40.80 ug/ml



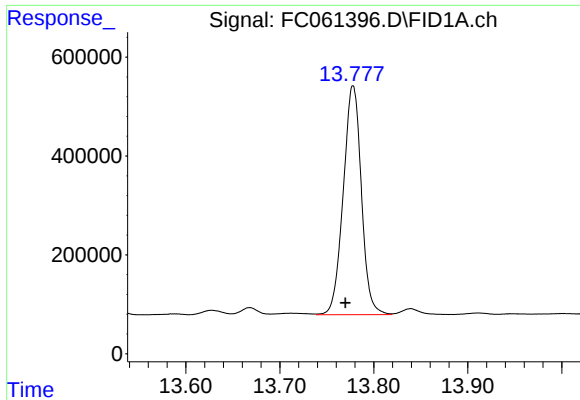
#11 n-Heneicosane (C21)

R.T.: 13.193 min
Delta R.T.: 0.009 min
Response: 6279845
Conc: 40.15 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.024 min
Delta R.T.: 0.008 min
Response: 5107682
Conc: 36.47 ug/ml



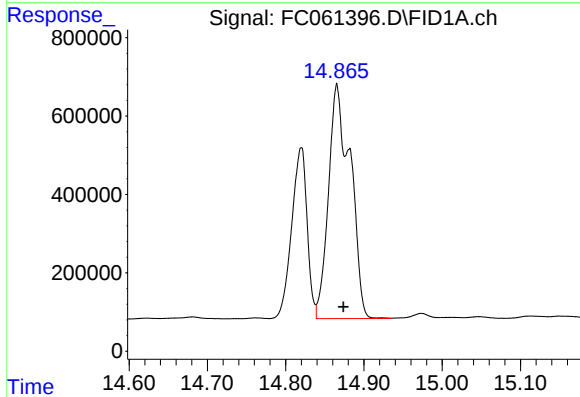
#13 n-Docosane (C22)

R.T.: 13.778 min
Delta R.T.: 0.008 min
Response: 6207813
Conc: 40.00 ug/ml

Instrument :
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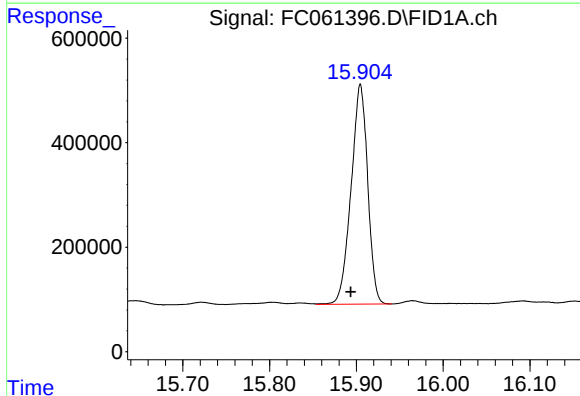
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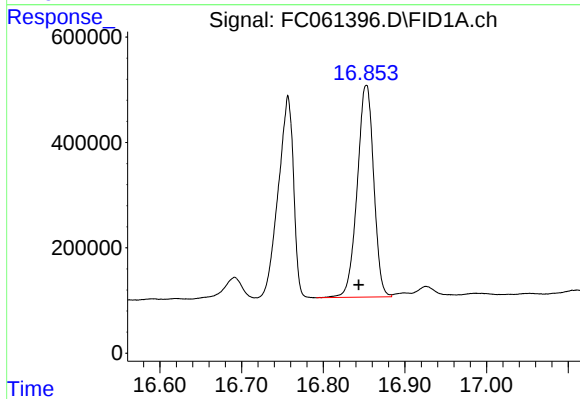
#14 n-Tetracosane (C24)

R.T.: 14.865 min
Delta R.T.: -0.008 min
Response: 11630681
Conc: 75.18 ug/ml



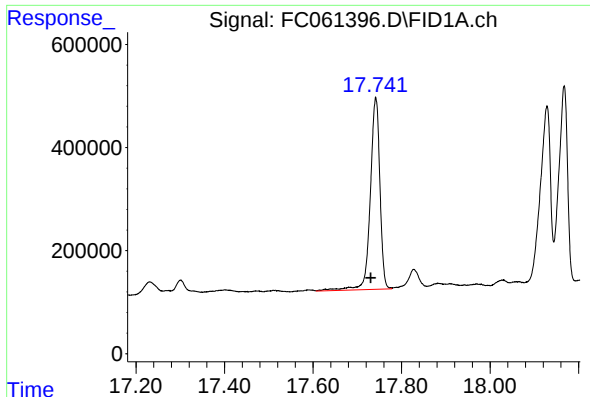
#15 n-Hexacosane (C26)

R.T.: 15.905 min
Delta R.T.: 0.011 min
Response: 5593533
Conc: 37.17 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.853 min
Delta R.T.: 0.009 min
Response: 5641113
Conc: 38.19 ug/ml



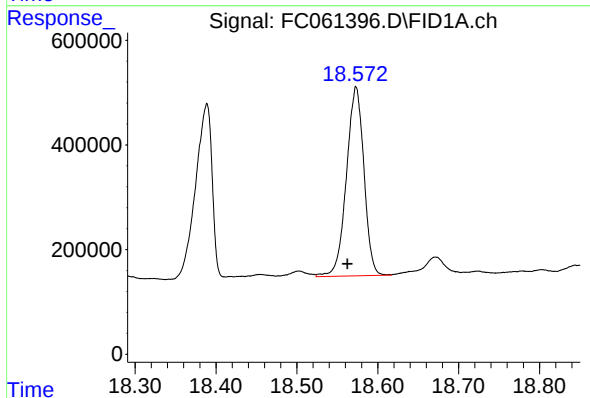
#17 n-Tricontane (C30)

R.T.: 17.742 min
Delta R.T.: 0.011 min
Response: 5609799
Conc: 40.62 ug/ml

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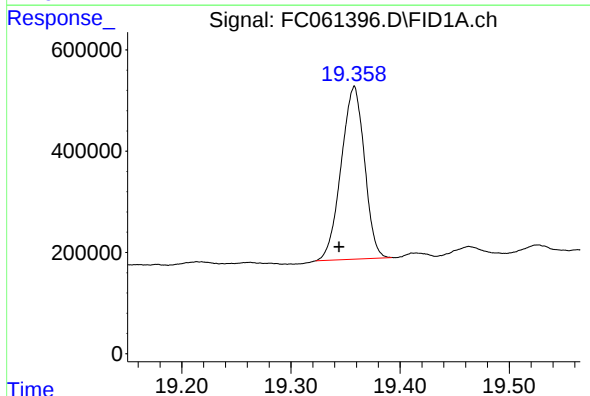
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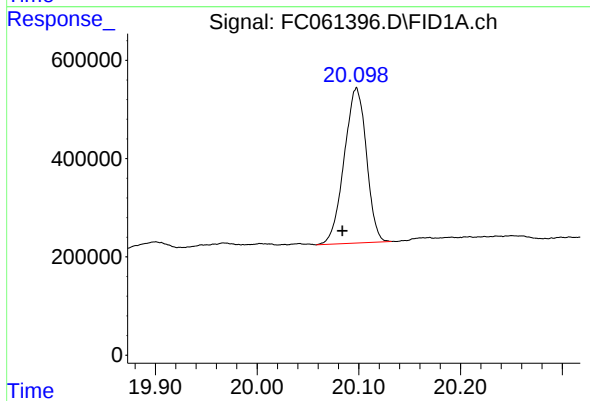
#18 n-Dotriacontane (C32)

R.T.: 18.573 min
Delta R.T.: 0.011 min
Response: 5427683
Conc: 49.45 ug/ml



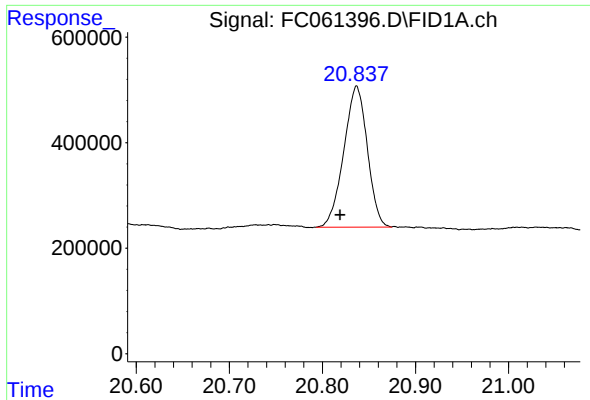
#19 n-Tetratriacontane (C34)

R.T.: 19.358 min
Delta R.T.: 0.014 min
Response: 5062317
Conc: 65.58 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.098 min
Delta R.T.: 0.014 min
Response: 4787403
Conc: 84.80 ug/ml m



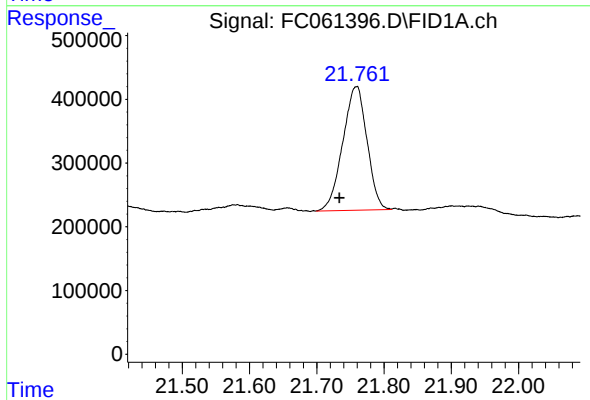
#21 n-Octatriacontane (C38)

R.T.: 20.837 min
Delta R.T.: 0.018 min
Response: 4694281
Conc: 101.19 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.761 min
Delta R.T.: 0.027 min
Response: 4859732
Conc: 115.86 ug/ml m