

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112018AL\
 Data File : FC037787.D
 Signal(s) : FID1A.CH
 Acq On : 20 Nov 2018 22:01
 Operator : AJ\SJ
 Sample : J6003-04MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 NON-UST-03R-AMS

Manual Integrations
 APPROVED

mohammad
 11/23/2018 10:48:44 AM

Integration File: autoint1.e
 Quant Time: Nov 21 07:02:21 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 111318.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 14 03:04:33 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.307	4257148	39.019 ug/mlm
Spiked Amount 50.000		Recovery =	78.04%
12) S 1-chlorooctadecane (S...	12.747	3127793	36.480 ug/mlm
Spiked Amount 50.000		Recovery =	72.96%
Target Compounds			
1) T n-Nonane (C9)	3.133	2744379	33.459 ug/ml
2) T n-Decane (C10)	4.193	3477005	42.198 ug/ml
3) T A-Naphthalene (C11.7)	5.756	5378669	57.646 ug/ml
4) T n-Dodecane (C12)	6.202	6547234	77.051 ug/ml
5) T A~2-methylnaphthalene...	6.812	15168773	159.678 ug/mlm
6) T n-Tetradecane (C14)	7.988	3992359	44.646 ug/mlm
7) T n-Hexadecane (C16)	9.577	6887704	74.246 ug/mlm
8) T n-Octadecane (C18)	11.009	5367488	54.636 ug/mlm
10) T n-Eicosane (C20)	12.309	4526265	45.299 ug/mlm
11) T n-Heneicosane (C21)	12.917	4619378	46.736 ug/ml
13) T n-Docosane (C22)	13.500	4363089	43.500 ug/ml
14) T n-Tetracosane (C24)	14.596	4433305	43.633 ug/ml
15) T n-Hexacosane (C26)	15.614	4273411	42.246 ug/ml
16) T n-Octacosane (C28)	16.558	4223916	42.220 ug/ml
17) T n-Tricontane (C30)	17.442	4306916	43.855 ug/ml
18) T n-Dotriacontane (C32)	18.270	4136079	45.014 ug/ml
19) T n-Tetratriacontane (C34)	19.051	3876002	48.461 ug/ml
20) T n-Hexatriacontane (C36)	19.787	3343180	46.484 ug/ml
21) T n-Octatriacontane (C38)	20.487	2966700	42.161 ug/ml
22) T n-Tetracontane (C40)	21.296	2891868	40.390 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 15 Sample Multiplier: 1

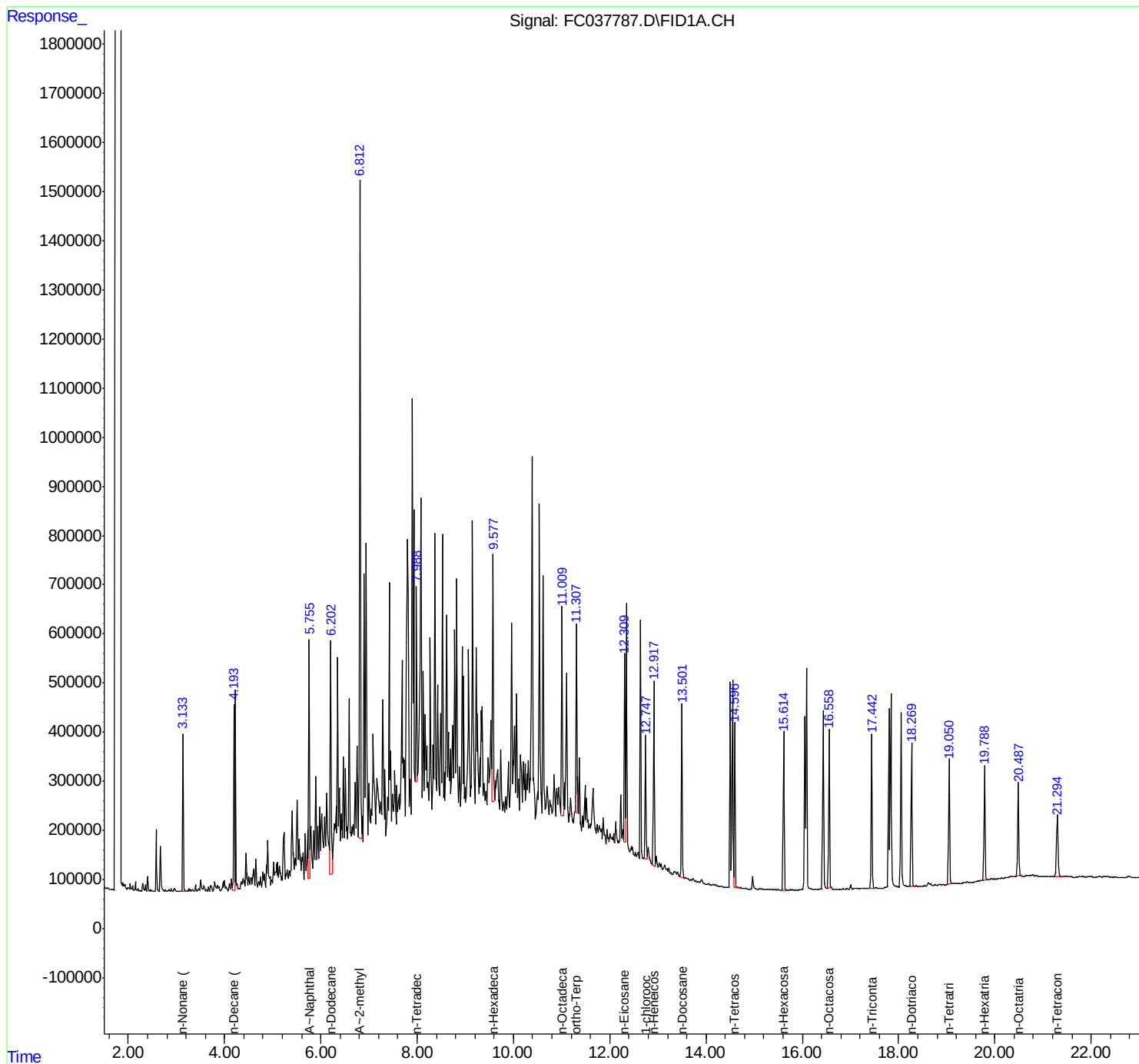
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NON-UST-03R-AMS

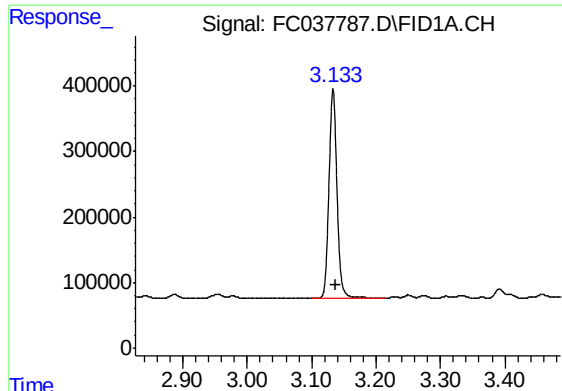
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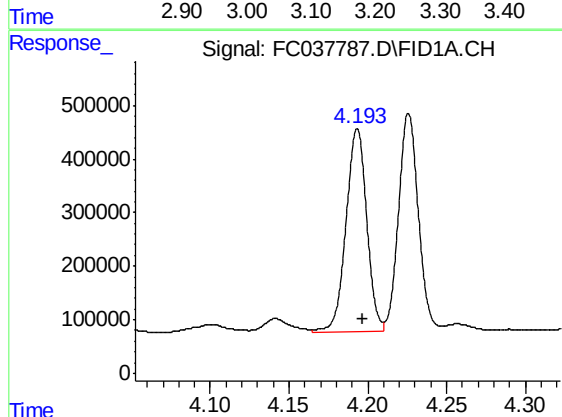
#1 n-Nonane (C9)

R.T.: 3.133 min
Delta R.T.: -0.004 min
Response: 2744379
Conc: 33.46 ug/ml

Instrument :
FID_C
ClientSampleId :
NON-UST-03R-AMS

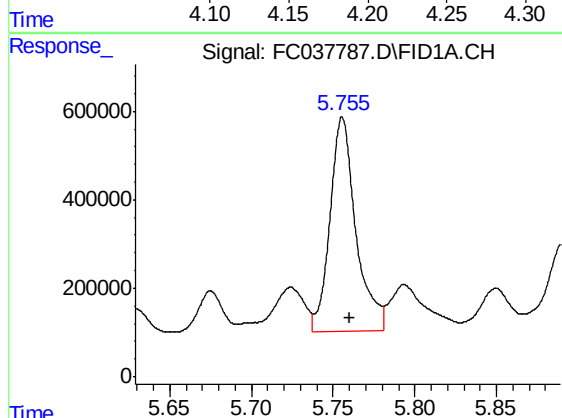
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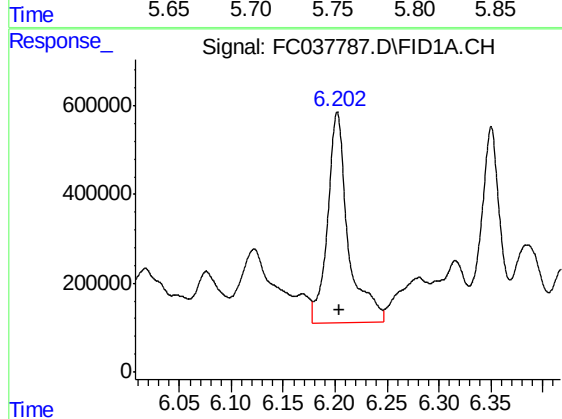
#2 n-Decane (C10)

R.T.: 4.193 min
Delta R.T.: -0.004 min
Response: 3477005
Conc: 42.20 ug/ml



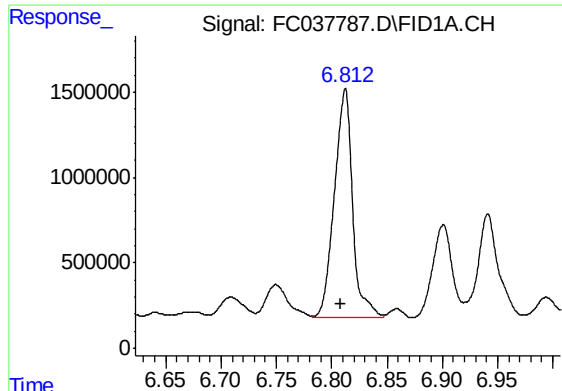
#3 A-Naphthalene (C11.7)

R.T.: 5.756 min
Delta R.T.: -0.005 min
Response: 5378669
Conc: 57.65 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.202 min
Delta R.T.: -0.002 min
Response: 6547234
Conc: 77.05 ug/ml



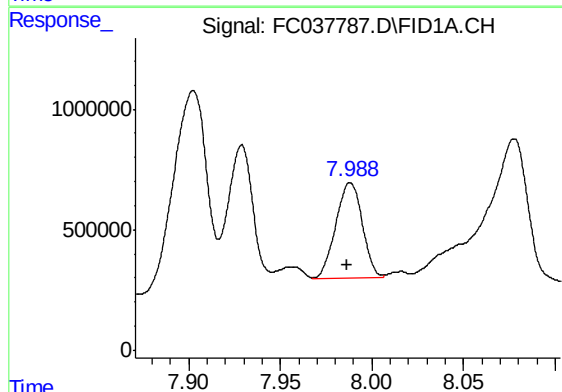
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.812 min
Delta R.T.: 0.003 min
Response: 15168773
Conc: 159.68 ug/ml m

Instrument :
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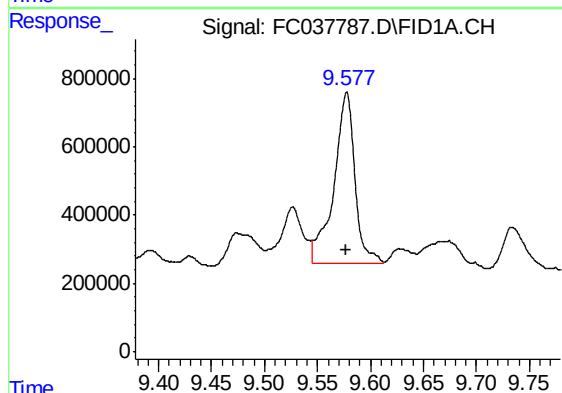
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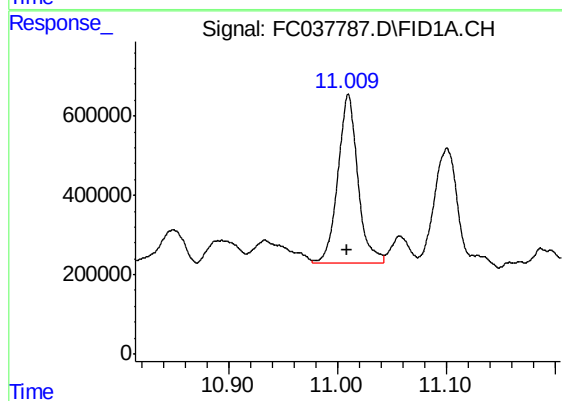
#6 n-Tetradecane (C14)

R.T.: 7.988 min
Delta R.T.: 0.001 min
Response: 3992359
Conc: 44.65 ug/ml m



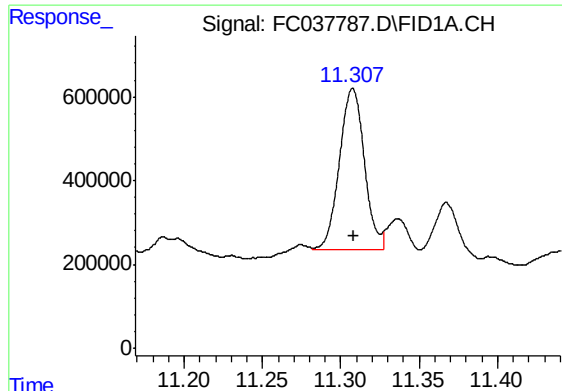
#7 n-Hexadecane (C16)

R.T.: 9.577 min
Delta R.T.: 0.000 min
Response: 6887704
Conc: 74.25 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.009 min
Delta R.T.: 0.000 min
Response: 5367488
Conc: 54.64 ug/ml m



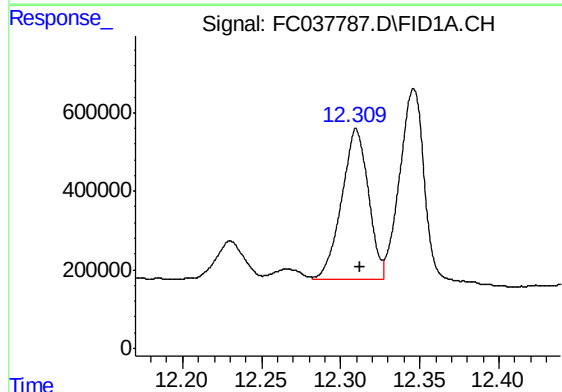
#9 ortho-Terphenyl (SURR)

R.T.: 11.307 min
Delta R.T.: -0.001 min
Response: 4257148
Conc: 39.02 ug/ml m

Instrument :
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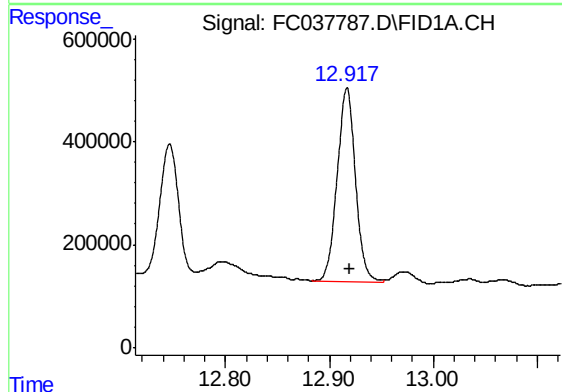
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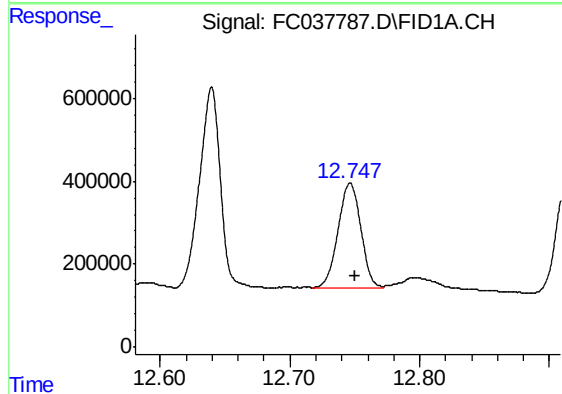
#10 n-Eicosane (C20)

R.T.: 12.309 min
Delta R.T.: -0.003 min
Response: 4526265
Conc: 45.30 ug/ml m



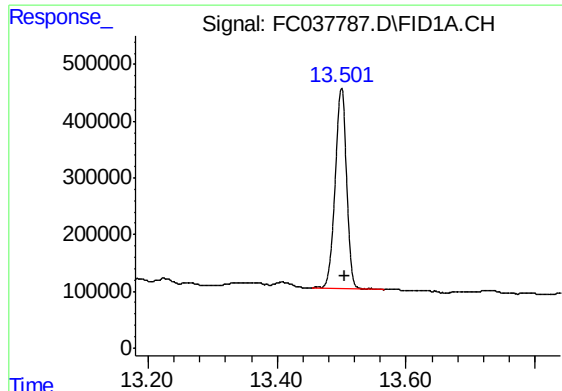
#11 n-Heneicosane (C21)

R.T.: 12.917 min
Delta R.T.: -0.003 min
Response: 4619378
Conc: 46.74 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.747 min
Delta R.T.: -0.004 min
Response: 3127793
Conc: 36.48 ug/ml m



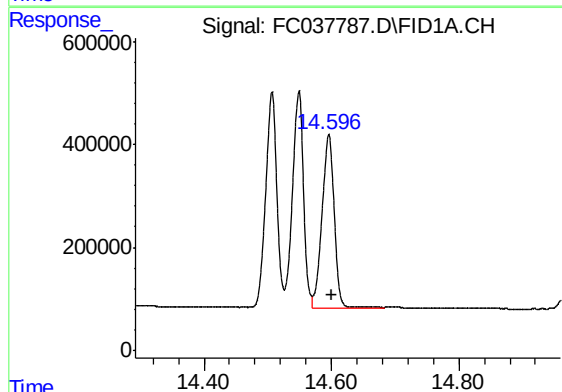
#13 n-Docosane (C22)

R.T.: 13.500 min
Delta R.T.: -0.004 min
Response: 4363089
Conc: 43.50 ug/ml

Instrument :
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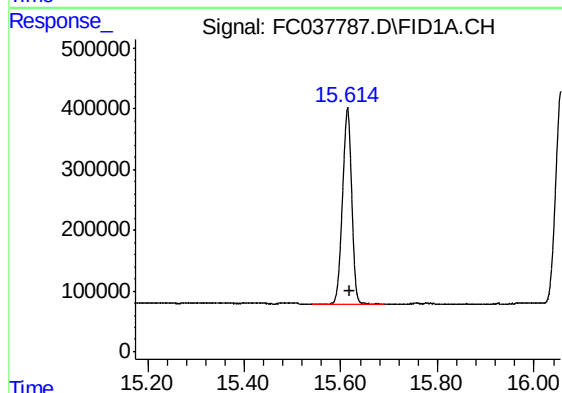
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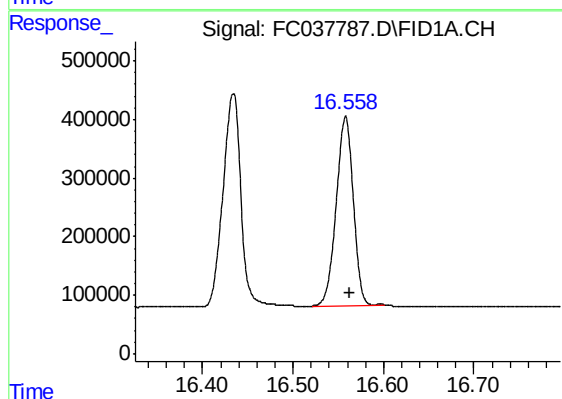
#14 n-Tetracosane (C24)

R.T.: 14.596 min
Delta R.T.: -0.006 min
Response: 4433305
Conc: 43.63 ug/ml



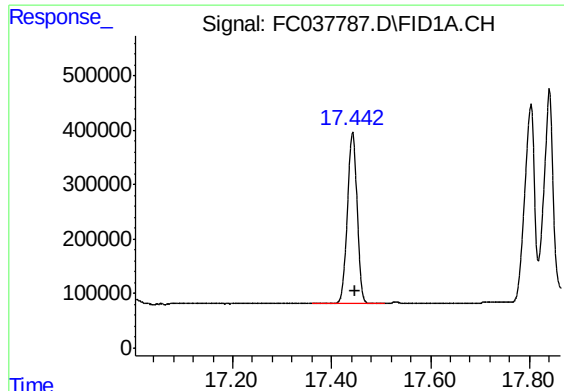
#15 n-Hexacosane (C26)

R.T.: 15.614 min
Delta R.T.: -0.004 min
Response: 4273411
Conc: 42.25 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.558 min
Delta R.T.: -0.004 min
Response: 4223916
Conc: 42.22 ug/ml



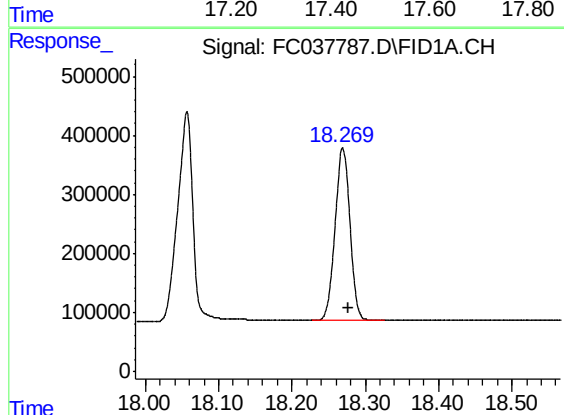
#17 n-Tricontane (C30)

R.T.: 17.442 min
Delta R.T.: -0.004 min
Response: 4306916
Conc: 43.86 ug/ml

Instrument :
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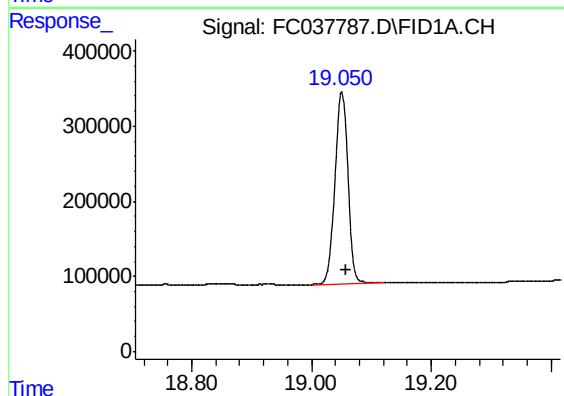
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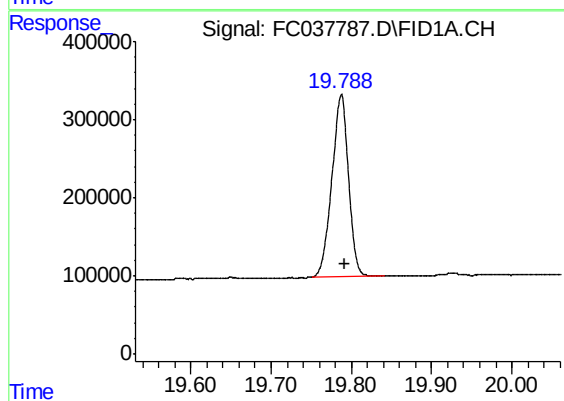
#18 n-Dotriacontane (C32)

R.T.: 18.270 min
Delta R.T.: -0.007 min
Response: 4136079
Conc: 45.01 ug/ml



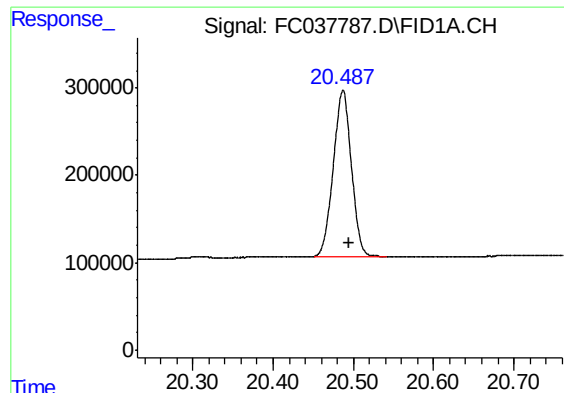
#19 n-Tetatriacontane (C34)

R.T.: 19.051 min
Delta R.T.: -0.006 min
Response: 3876002
Conc: 48.46 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.787 min
Delta R.T.: -0.005 min
Response: 3343180
Conc: 46.48 ug/ml



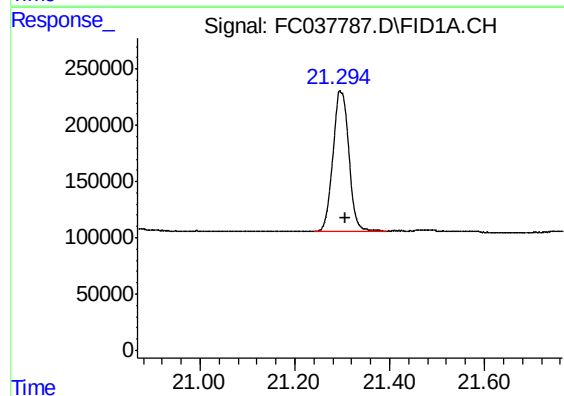
#21 n-Octatriacontane (C38)

R.T.: 20.487 min
Delta R.T.: -0.008 min
Response: 2966700
Conc: 42.16 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.296 min
Delta R.T.: -0.011 min
Response: 2891868
Conc: 40.39 ug/ml