

Data Path : Z:\bestpcbsrv\HPCHEM1\FID C\Data\FC092518AL\
 Data File : FC036487.D
 Signal(s) : FID1A.CH
 Acq On : 25 Sep 2018 20:17
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC TSD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Manual Integrations
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Sohil
 9/26/2018 11:47:47 AM

Integration File: autoint1.e
 Quant Time: Sep 26 08:38:47 2018
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\FID_C\Method\Alaphatic EPH 092118.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 21 15:20:52 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)	11.398	2806470	23.083 ug/ml
Spiked Amount 50.000		Recovery =	46.17%
12) S 1-chlorooctadecane (S...	12.838	2125414	22.573 ug/ml
Spiked Amount 50.000		Recovery =	45.15%
Target Compounds			
1) T n-Nonane (C9)	3.202	2168774	24.338 ug/ml
2) T n-Decane (C10)	4.268	2243410	24.955 ug/ml
3) T A-Naphthalene (C11.7)	5.840	2613651	26.076 ug/ml
4) T n-Dodecane (C12)	6.280	2314231	24.832 ug/mlm
5) T A-2-methylnaphthalene...	6.891	2555948	25.423 ug/mlm
6) T n-Tetradecane (C14)	8.066	2382433	24.356 ug/ml
7) T n-Hexadecane (C16)	9.658	2404112	23.393 ug/ml
8) T n-Octadecane (C18)	11.094	2447058	22.533 ug/ml
10) T n-Eicosane (C20)	12.398	2489748	22.507 ug/ml
11) T n-Heneicosane (C21)	13.007	2473584	22.507 ug/ml
13) T n-Docosane (C22)	13.591	2507162	22.962 ug/ml
14) T n-Tetracosane (C24)	14.689	2539709	23.262 ug/mlm
15) T n-Hexacosane (C26)	15.707	2616993	24.225 ug/ml
16) T n-Octacosane (C28)	16.653	2660103	24.109 ug/mlm
17) T n-Tricontane (C30)	17.537	2678613	23.020 ug/mlm
18) T n-Dotriacontane (C32)	18.368	2721116	23.335 ug/mlm
19) T n-Tetratriacontane (C34)	19.149	2686565	23.975 ug/mlm
20) T n-Hexatriacontane (C36)	19.886	2548886	24.073 ug/mlm
21) T n-Octatriacontane (C38)	20.591	2528318	23.918 ug/mlm
22) T n-Tetracontane (C40)	21.439	2481300	23.110 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : AJ\SJ
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ALS Vial : 2 Sample Multiplier: 1

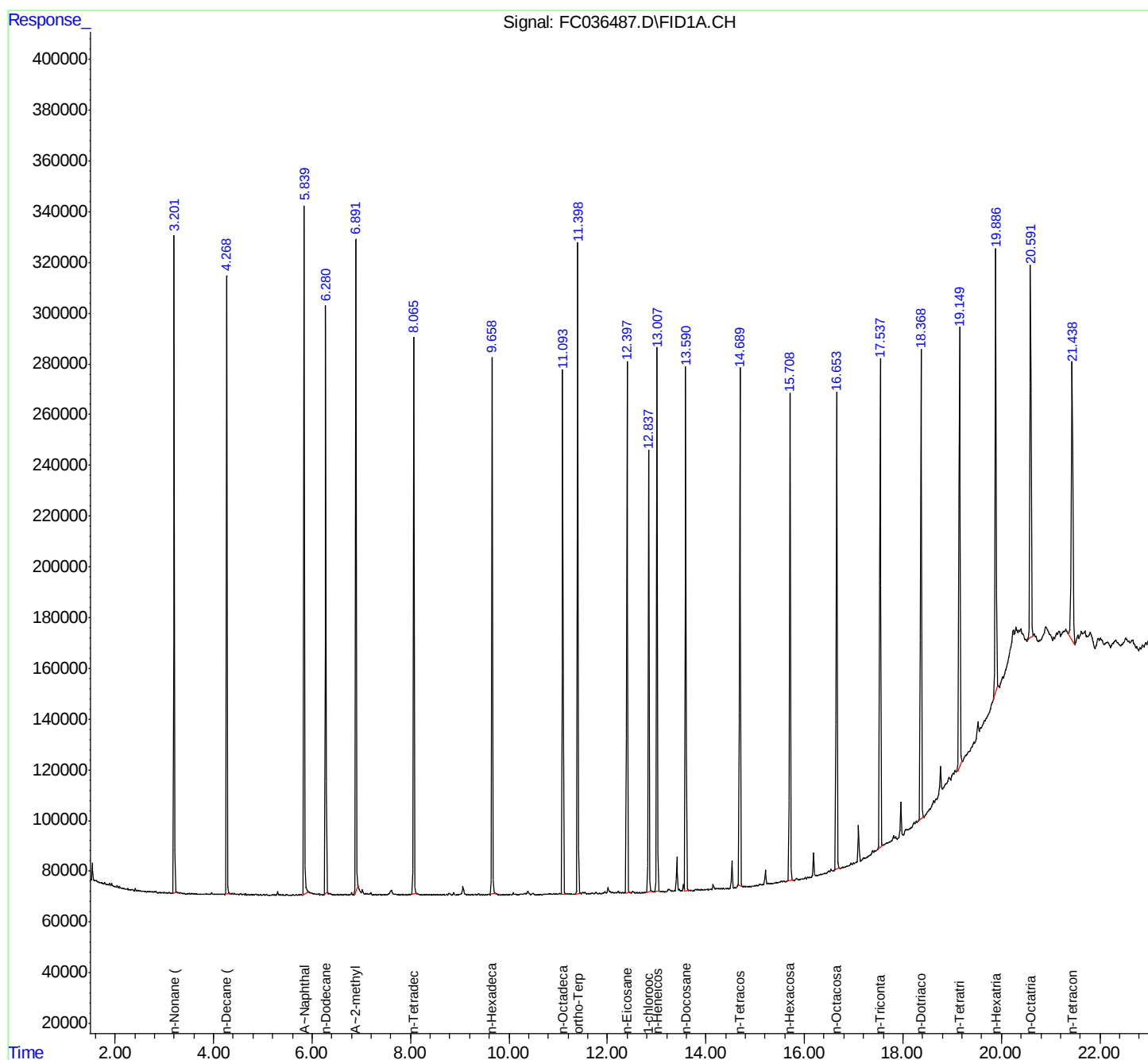
Instrument :
FID_C
ClientSampled :

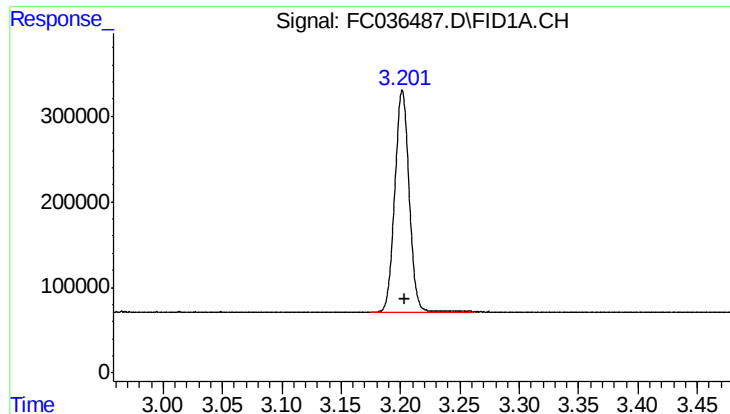
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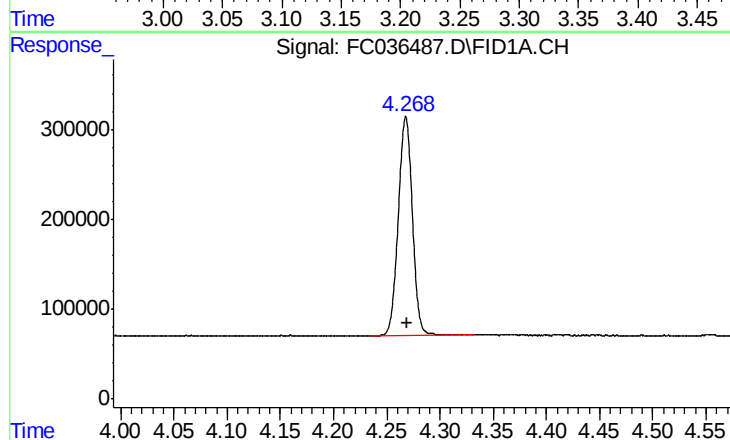
#1 n-Nonane (C9)

R.T.: 3.202 min
Delta R.T.: -0.001 min
Response: 2168774
Conc: 24.34 ug/ml

Instrument :
FID_C
ClientSampleId :

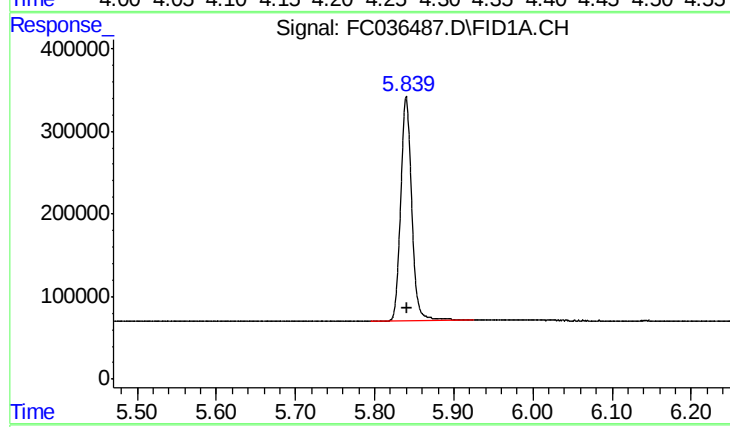
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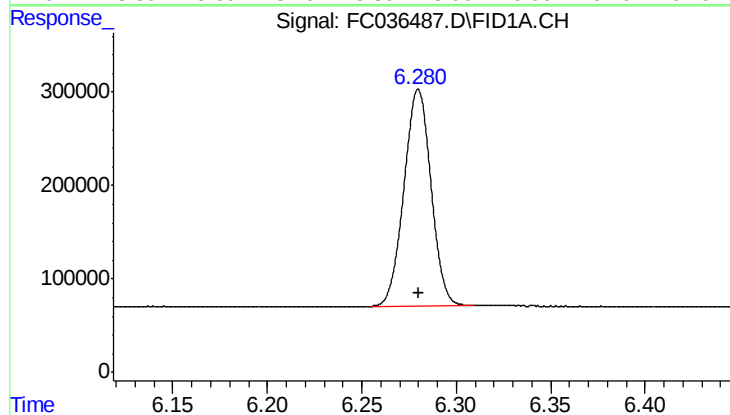
#2 n-Decane (C10)

R.T.: 4.268 min
Delta R.T.: 0.000 min
Response: 2243410
Conc: 24.96 ug/ml



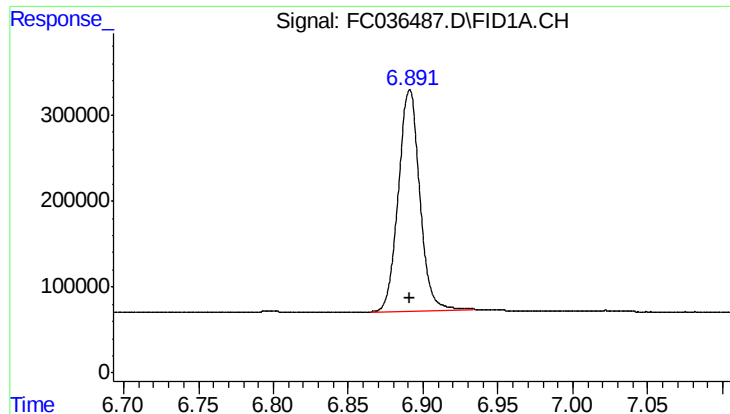
#3 A-Naphthalene (C11.7)

R.T.: 5.840 min
Delta R.T.: -0.002 min
Response: 2613651
Conc: 26.08 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.280 min
Delta R.T.: 0.000 min
Response: 2314231
Conc: 24.83 ug/ml m



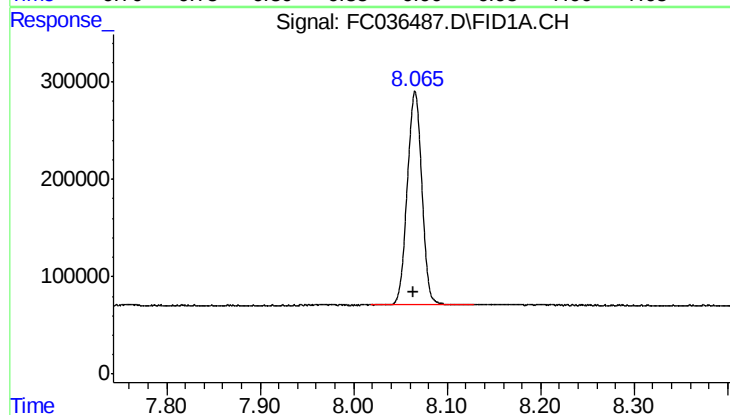
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.891 min
Delta R.T.: 0.000 min
Response: 2555948
Conc: 25.42 ug/ml

Instrument :
FID_C
ClientSampleId :

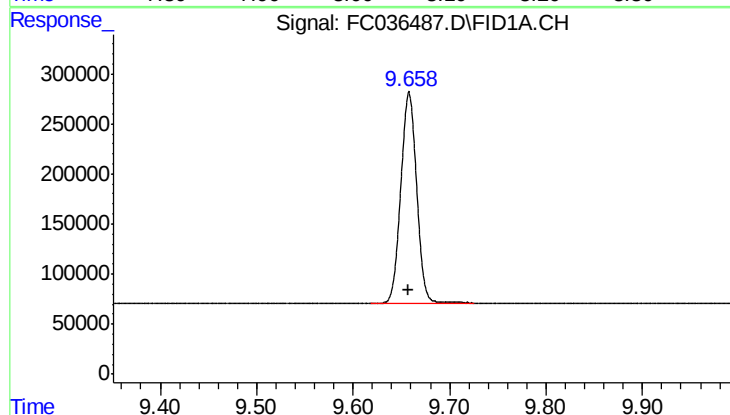
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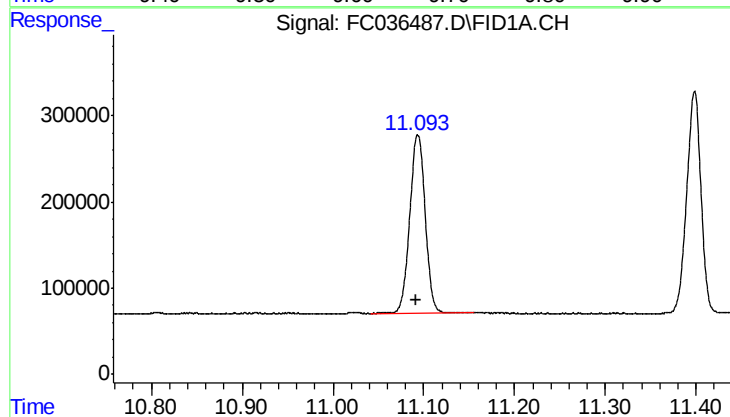
#6 n-Tetradecane (C14)

R.T.: 8.066 min
Delta R.T.: 0.000 min
Response: 2382433
Conc: 24.36 ug/ml



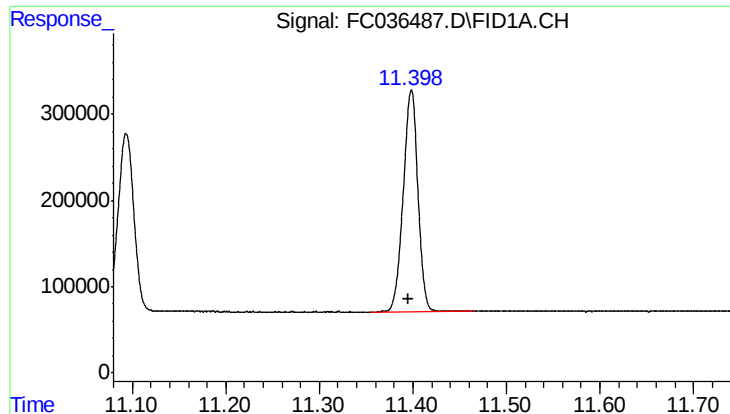
#7 n-Hexadecane (C16)

R.T.: 9.658 min
Delta R.T.: 0.001 min
Response: 2404112
Conc: 23.39 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.094 min
Delta R.T.: 0.002 min
Response: 2447058
Conc: 22.53 ug/ml



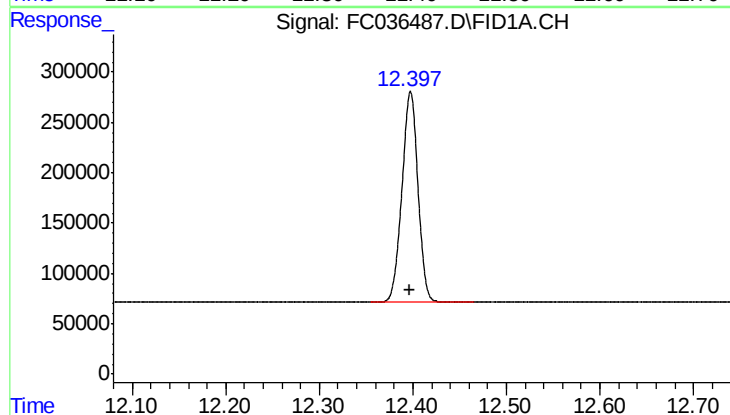
#9 ortho-Terphenyl (SURR)

R.T.: 11.398 min
Delta R.T.: 0.003 min
Response: 2806470
Conc: 23.08 ug/ml

Instrument :
FID_C
ClientSampleId :

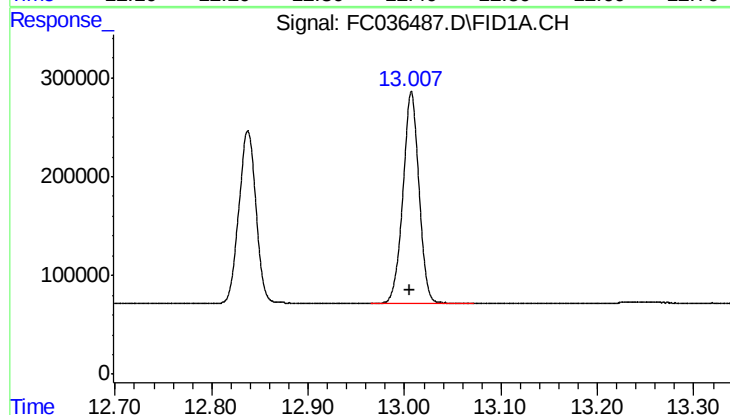
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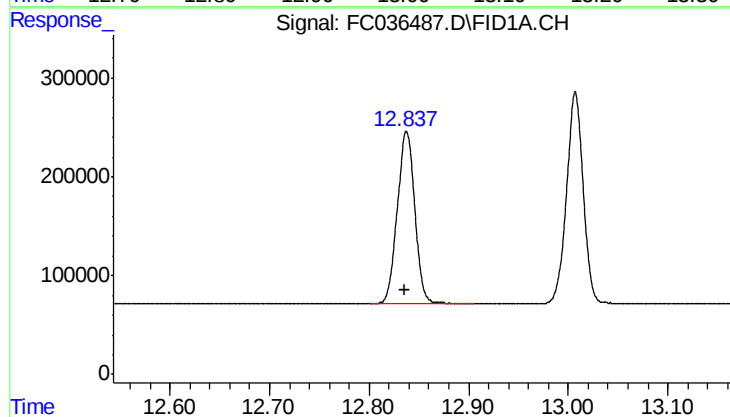
#10 n-Eicosane (C20)

R.T.: 12.398 min
Delta R.T.: 0.001 min
Response: 2489748
Conc: 22.51 ug/ml



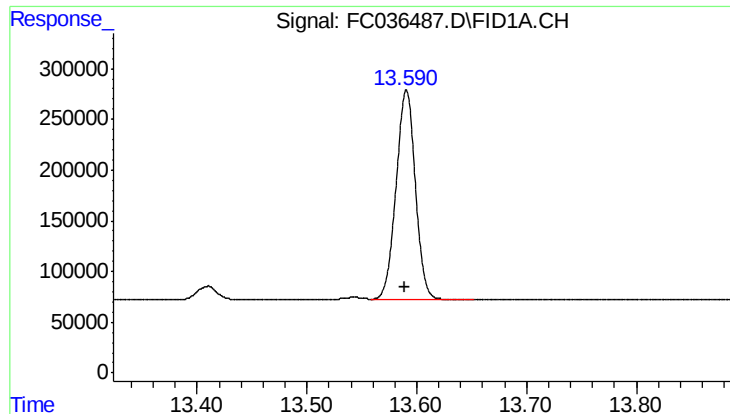
#11 n-Heneicosane (C21)

R.T.: 13.007 min
Delta R.T.: 0.002 min
Response: 2473584
Conc: 22.51 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.838 min
Delta R.T.: 0.002 min
Response: 2125414
Conc: 22.57 ug/ml



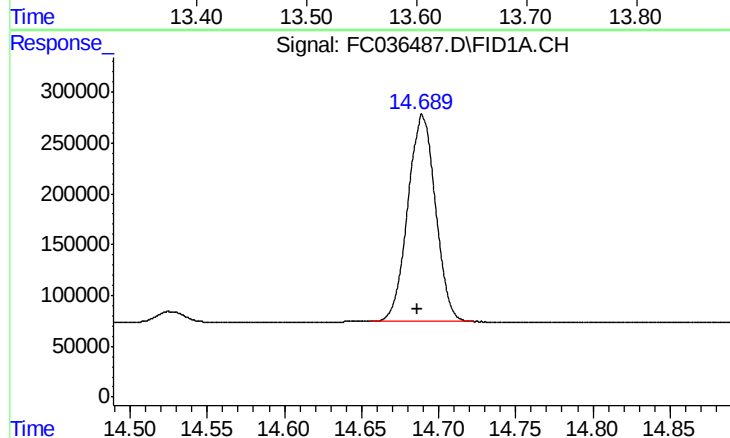
#13 n-Docosane (C22)

R.T.: 13.591 min
Delta R.T.: 0.002 min
Response: 2507162
Conc: 22.96 ug/ml

Instrument :
FID_C
ClientSampleId :

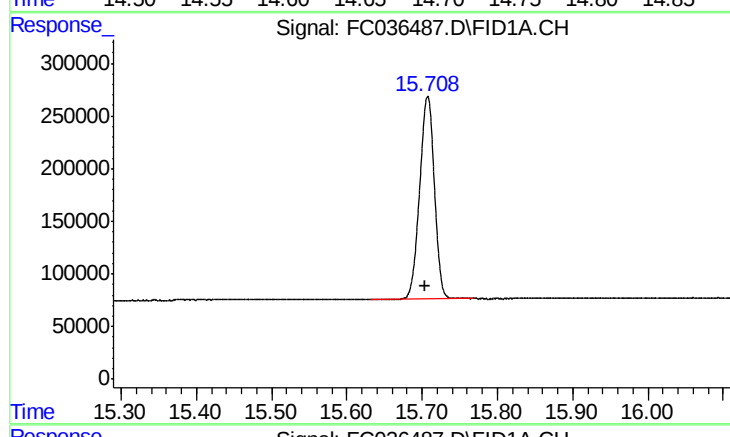
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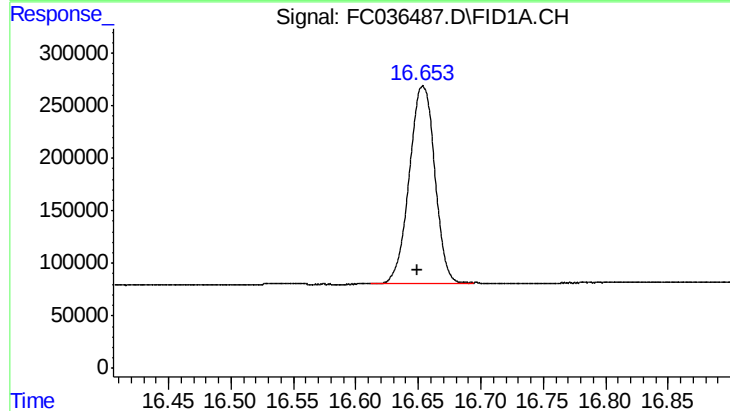
#14 n-Tetracosane (C24)

R.T.: 14.689 min
Delta R.T.: 0.002 min
Response: 2539709
Conc: 23.26 ug/ml m



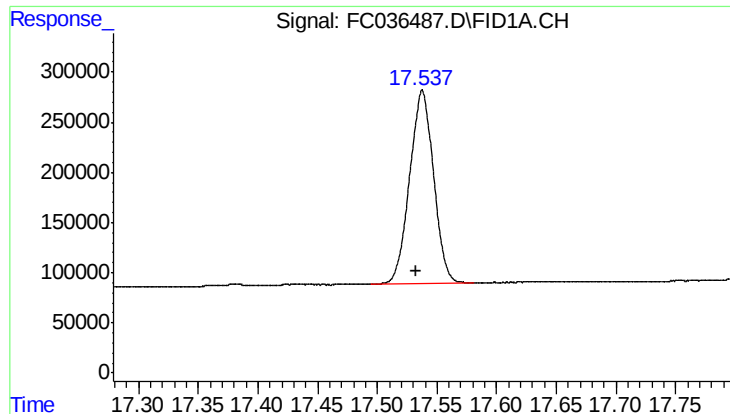
#15 n-Hexacosane (C26)

R.T.: 15.707 min
Delta R.T.: 0.003 min
Response: 2616993
Conc: 24.23 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.653 min
Delta R.T.: 0.005 min
Response: 2660103
Conc: 24.11 ug/ml m



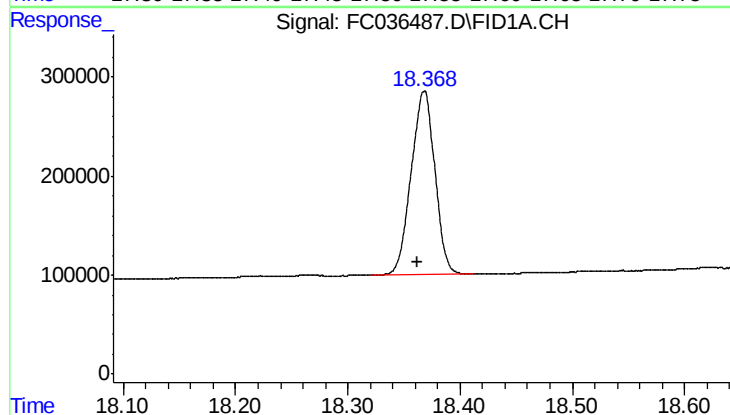
#17 n-Tricontane (C30)

R.T.: 17.537 min
Delta R.T.: 0.005 min
Response: 2678613
Conc: 23.02 ug/ml

Instrument :
FID_C
ClientSampleId :

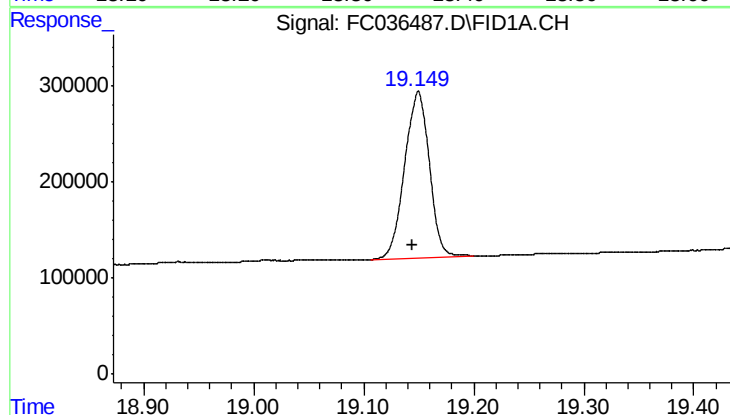
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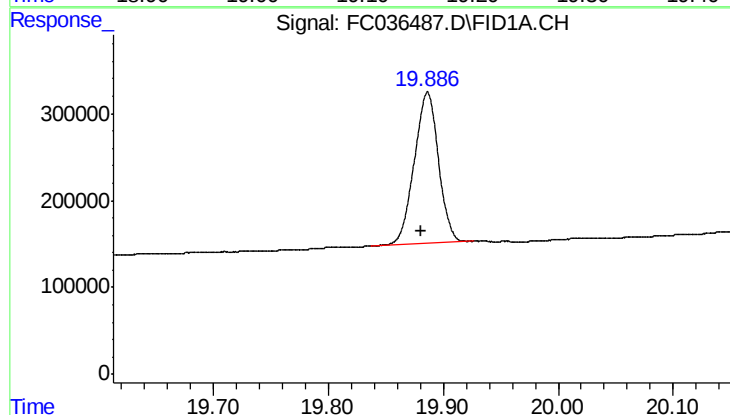
#18 n-Dotriacontane (C32)

R.T.: 18.368 min
Delta R.T.: 0.006 min
Response: 2721116
Conc: 23.33 ug/ml m



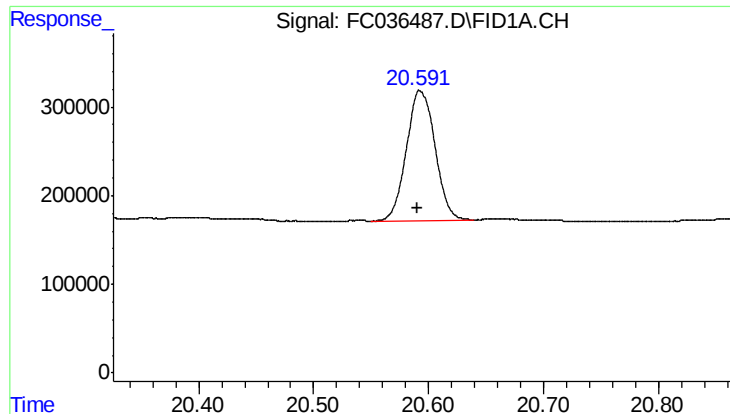
#19 n-Tetratriacontane (C34)

R.T.: 19.149 min
Delta R.T.: 0.006 min
Response: 2686565
Conc: 23.98 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.886 min
Delta R.T.: 0.006 min
Response: 2548886
Conc: 24.07 ug/ml m



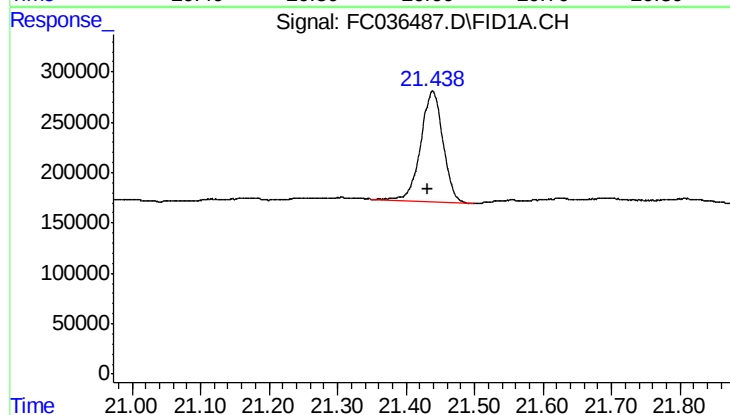
#21 n-Octatriacontane (C38)

R.T.: 20.591 min
Delta R.T.: 0.000 min
Response: 2528318
Conc: 23.92 ug/ml

Instrument :
FID_C
ClientSampleId :

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#22 n-Tetracontane (C40)

R.T.: 21.439 min
Delta R.T.: 0.008 min
Response: 2481300
Conc: 23.11 ug/ml