

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072721AL\
 Data File : FC054885.D
 Signal(s) : FID1A.CH
 Acq On : 27 Jul 2021 22:06
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Manual Integrations
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Integration File: autoint1.e
 Quant Time: Jul 28 02:15:11 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 072121.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 21 03:37:32 2021
 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)	11.314	2698057	19.397 ug/ml
Spiked Amount 50.000		Recovery =	38.79%
12) S 1-chlorooctadecane (S...	12.758	2090098	18.802 ug/ml
Spiked Amount 50.000		Recovery =	37.60%
Target Compounds			
1) T n-Nonane (C9)	3.134	2452642	21.376 ug/ml
2) T n-Decane (C10)	4.185	2496601	21.483 ug/ml
3) T A~Naphthalene (C11.7)	5.751	2653300	22.052 ug/ml
4) T n-Dodecane (C12)	6.190	2568358	21.489 ug/ml
5) T A~2-methylnaphthalene...	6.803	2674376	21.898 ug/ml
6) T n-Tetradecane (C14)	7.978	2612175	21.234 ug/ml
7) T n-Hexadecane (C16)	9.573	2611091	20.712 ug/ml
8) T n-Octadecane (C18)	11.011	2628058	20.050 ug/ml
10) T n-Eicosane (C20)	12.317	2526166	19.172 ug/ml
11) T n-Heneicosane (C21)	12.928	2508962	18.839 ug/ml
13) T n-Docosane (C22)	13.513	2432000	18.365 ug/ml
14) T n-Tetracosane (C24)	14.614	2351022	17.832 ug/ml
15) T n-Hexacosane (C26)	15.632	2205664	17.148 ug/ml
16) T n-Octacosane (C28)	16.581	2160317	16.403 ug/ml
17) T n-Tricontane (C30)	17.467	2086003	14.659 ug/ml
18) T n-Dotriacontane (C32)	18.300	2011260	16.252 ug/ml
19) T n-Tetratriacontane (C34)	19.083	2170687	21.200 ug/mlm
20) T n-Hexatriacontane (C36)	19.823	2113895	22.320 ug/ml
21) T n-Octatriacontane (C38)	20.529	2263971	24.315 ug/mlm
22) T n-Tetracontane (C40)	21.343	2309482	23.795 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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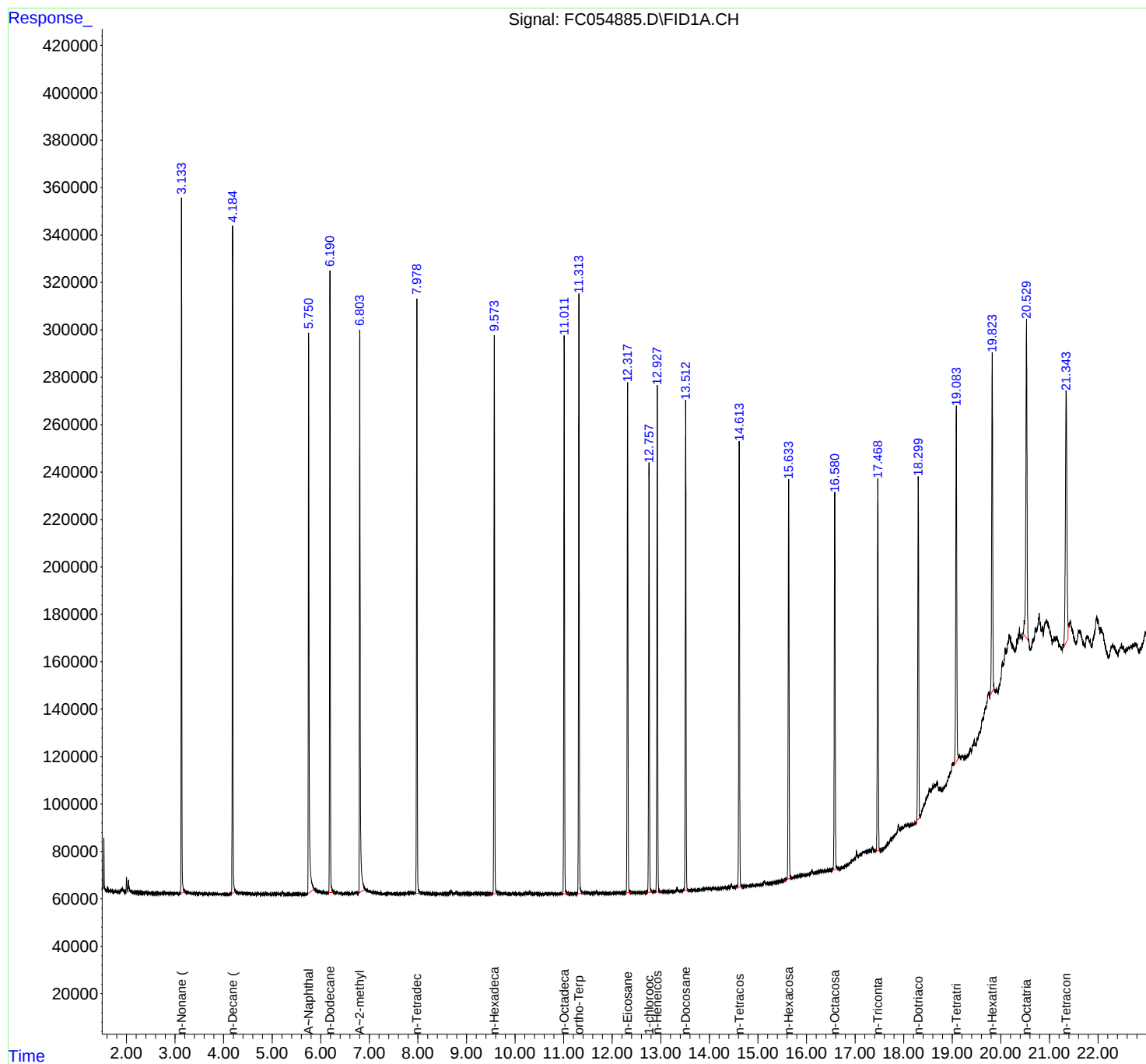
Instrument :
FID_C
ClientSampled :

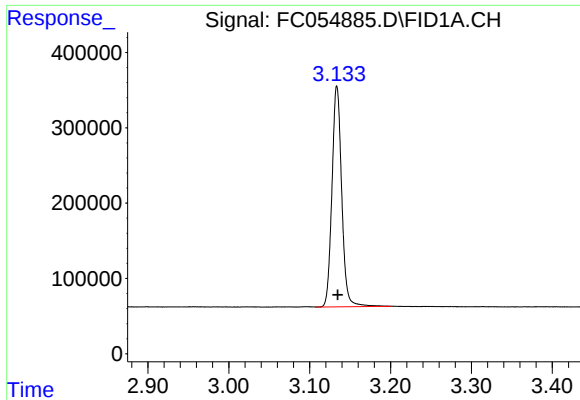
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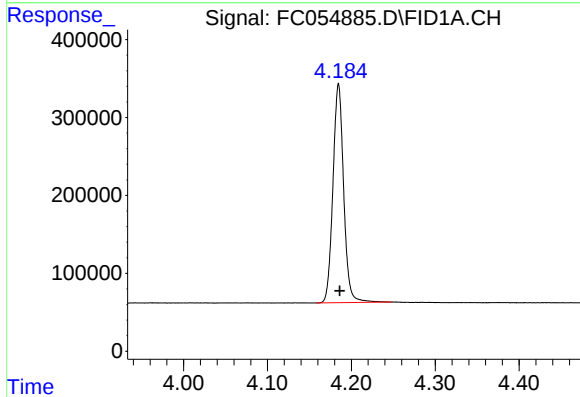
#1 n-Nonane (C9)

R.T.: 3.134 min
Delta R.T.: -0.001 min
Response: 2452642
Conc: 21.38 ug/ml

Instrument :
FID_C
ClientSampleId :

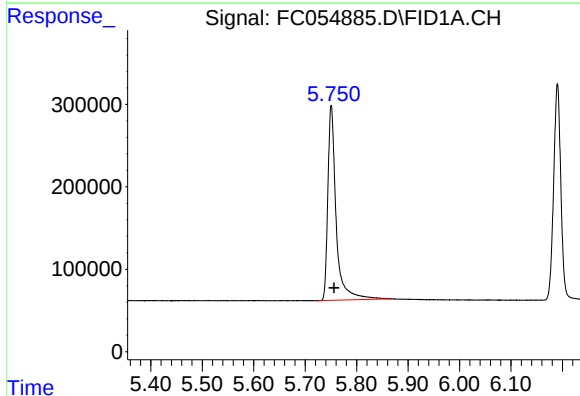
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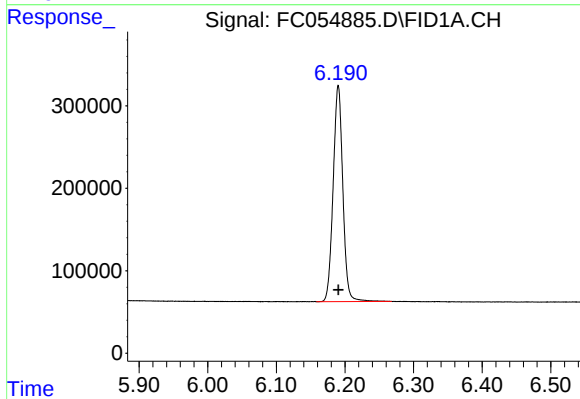
#2 n-Decane (C10)

R.T.: 4.185 min
Delta R.T.: -0.001 min
Response: 2496601
Conc: 21.48 ug/ml



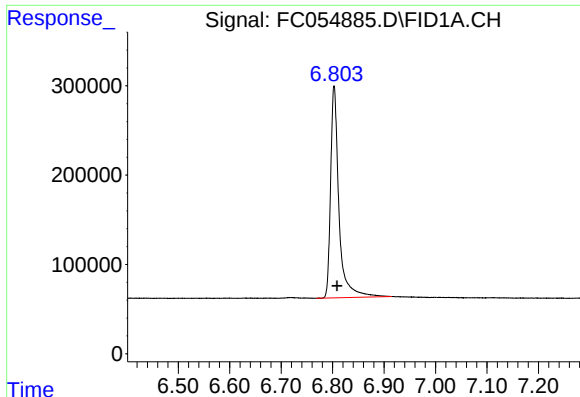
#3 A~Naphthalene (C11.7)

R.T.: 5.751 min
Delta R.T.: -0.005 min
Response: 2653300
Conc: 22.05 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.190 min
Delta R.T.: 0.000 min
Response: 2568358
Conc: 21.49 ug/ml



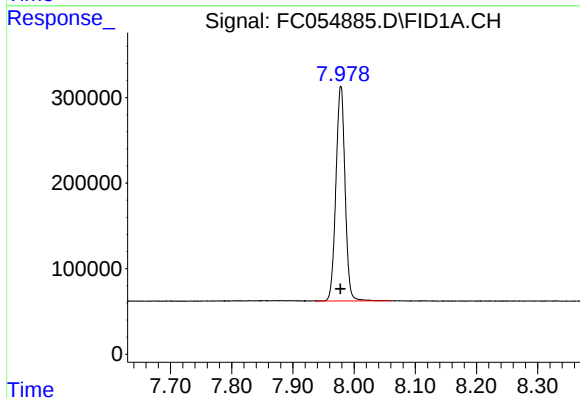
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.803 min
Delta R.T.: -0.005 min
Response: 2674376
Conc: 21.90 ug/ml

Instrument :
FID_C
ClientSampleId :

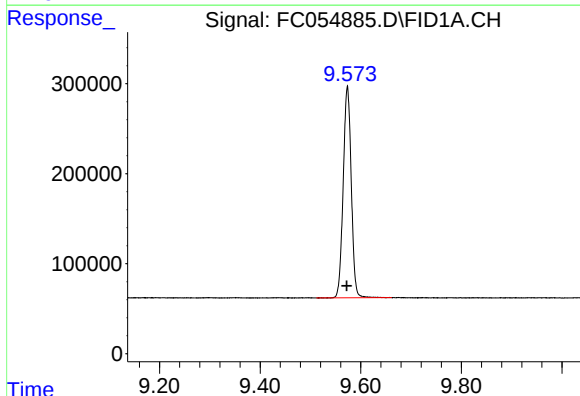
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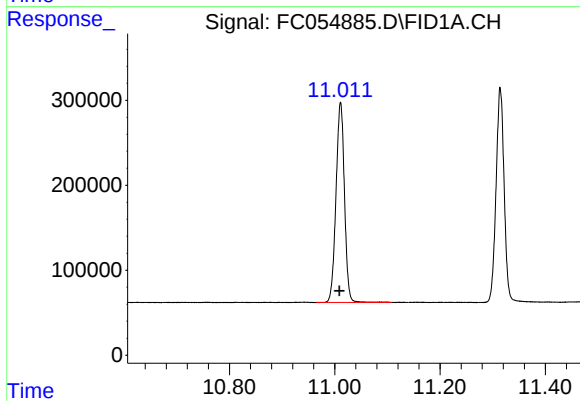
#6 n-Tetradecane (C14)

R.T.: 7.978 min
Delta R.T.: 0.000 min
Response: 2612175
Conc: 21.23 ug/ml



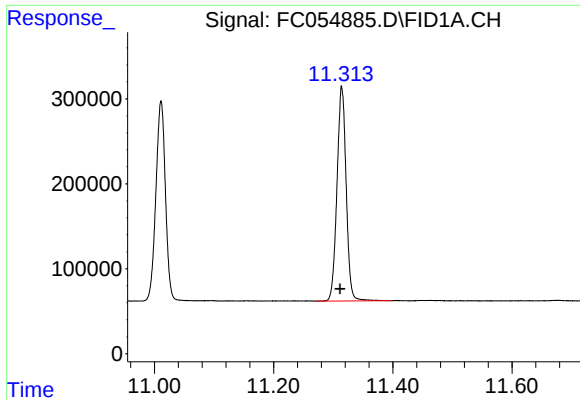
#7 n-Hexadecane (C16)

R.T.: 9.573 min
Delta R.T.: 0.002 min
Response: 2611091
Conc: 20.71 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.011 min
Delta R.T.: 0.002 min
Response: 2628058
Conc: 20.05 ug/ml



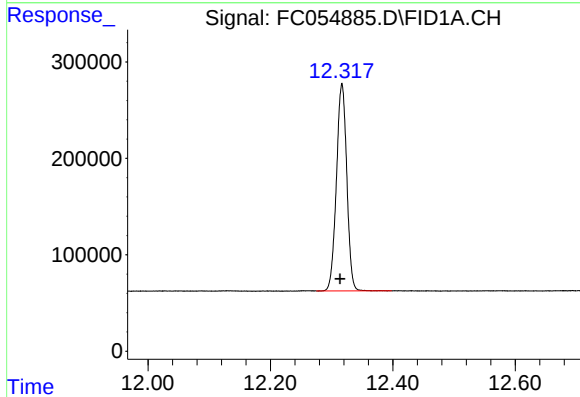
#9 ortho-Terphenyl (SURR)

R.T.: 11.314 min
Delta R.T.: 0.003 min
Response: 2698057
Conc: 19.40 ug/ml

Instrument :
FID_C
ClientSampleId :

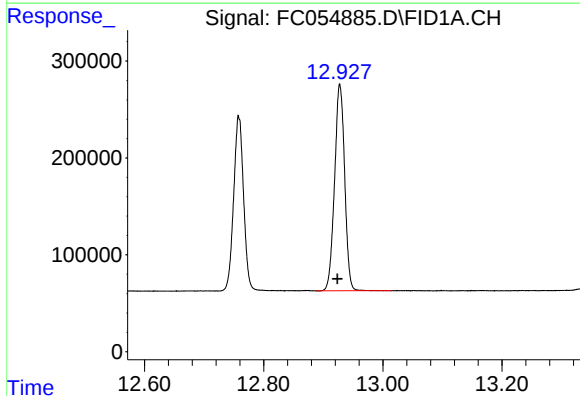
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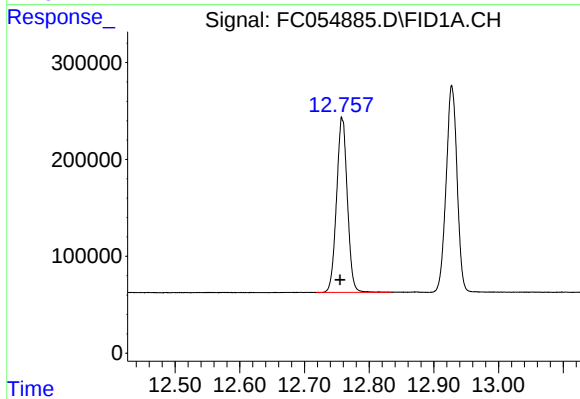
#10 n-Eicosane (C20)

R.T.: 12.317 min
Delta R.T.: 0.003 min
Response: 2526166
Conc: 19.17 ug/ml



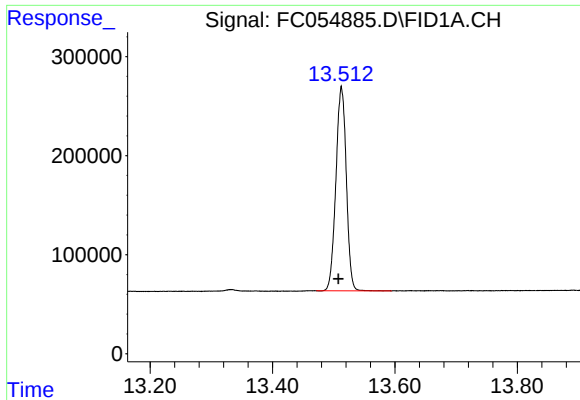
#11 n-Heneicosane (C21)

R.T.: 12.928 min
Delta R.T.: 0.004 min
Response: 2508962
Conc: 18.84 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.758 min
Delta R.T.: 0.003 min
Response: 2090098
Conc: 18.80 ug/ml



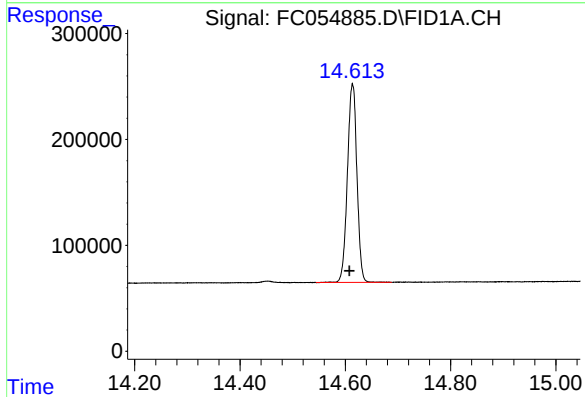
#13 n-Docosane (C22)

R.T.: 13.513 min
Delta R.T.: 0.005 min
Response: 2432000
Conc: 18.37 ug/ml

Instrument :
FID_C
ClientSampleId :

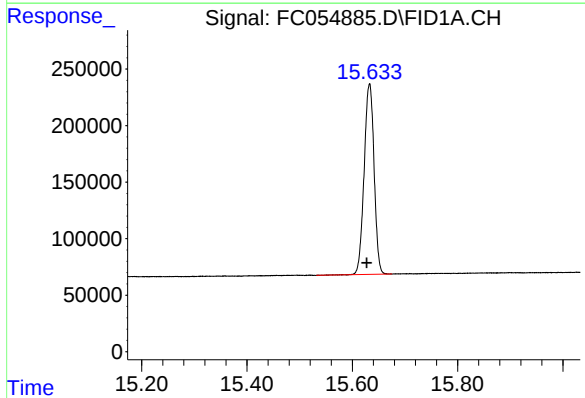
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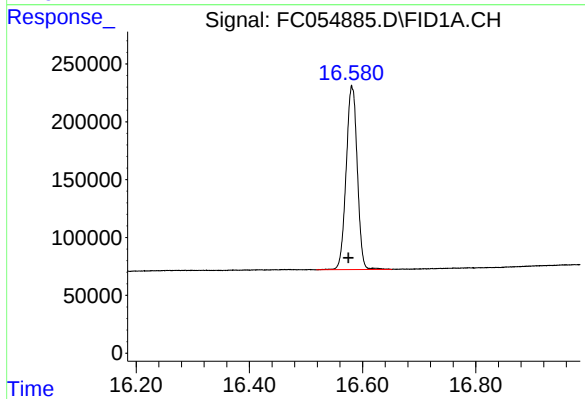
#14 n-Tetracosane (C24)

R.T.: 14.614 min
Delta R.T.: 0.005 min
Response: 2351022
Conc: 17.83 ug/ml



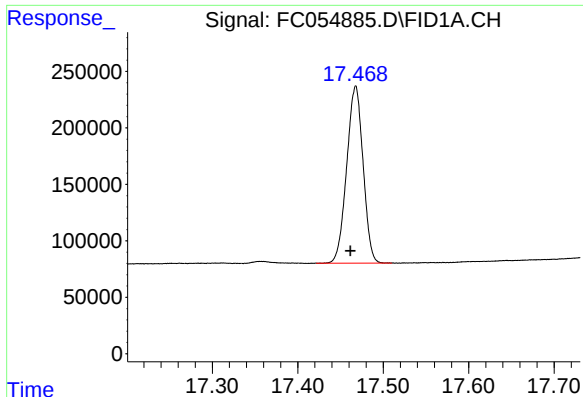
#15 n-Hexacosane (C26)

R.T.: 15.632 min
Delta R.T.: 0.005 min
Response: 2205664
Conc: 17.15 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.581 min
Delta R.T.: 0.006 min
Response: 2160317
Conc: 16.40 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.467 min

Delta R.T.: 0.006 min

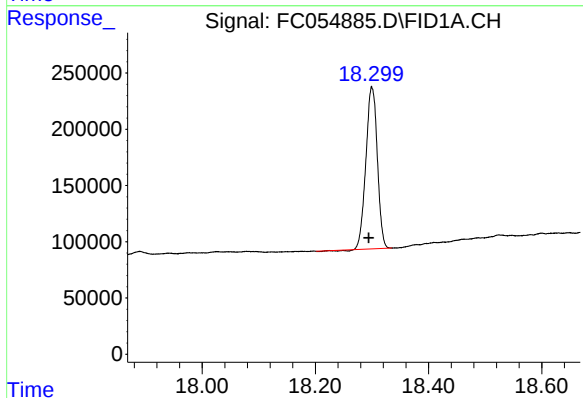
Response: 2086003

Conc: 14.66 ug/ml

Instrument :
FID_C
ClientSampleId :

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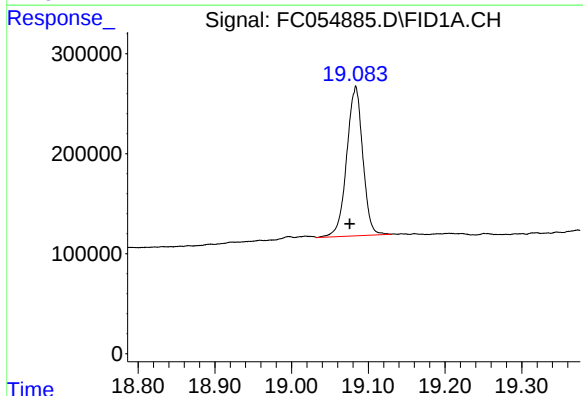
#18 n-Dotriacontane (C32)

R.T.: 18.300 min

Delta R.T.: 0.006 min

Response: 2011260

Conc: 16.25 ug/ml



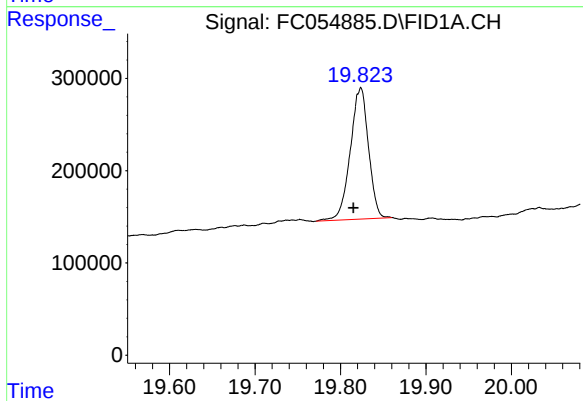
#19 n-Tetratriacontane (C34)

R.T.: 19.083 min

Delta R.T.: 0.007 min

Response: 2170687

Conc: 21.20 ug/ml m



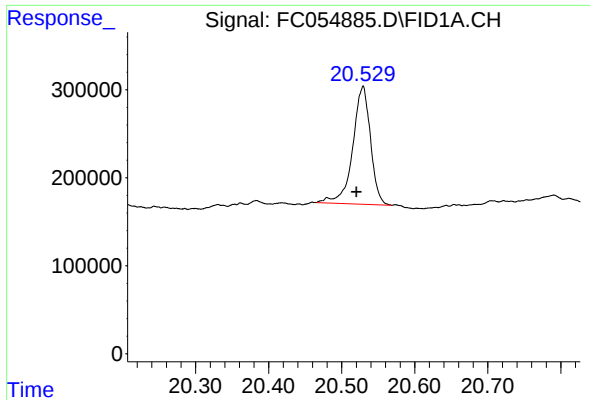
#20 n-Hexatriacontane (C36)

R.T.: 19.823 min

Delta R.T.: 0.008 min

Response: 2113895

Conc: 22.32 ug/ml



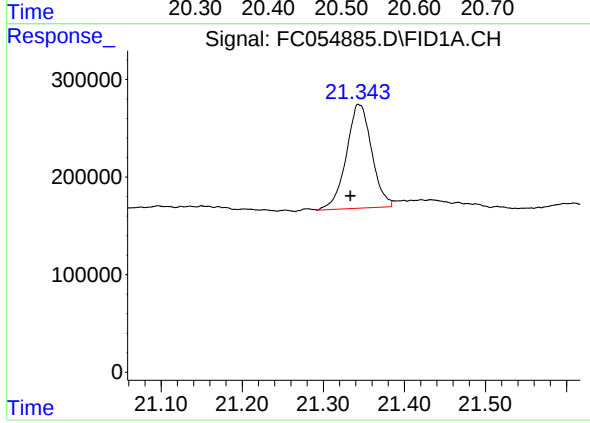
#21 n-Octatriacontane (C38)

R.T.: 20.529 min
Delta R.T.: 0.009 min
Response: 2263971
Conc: 24.31 ug/ml m

Instrument :
FID_C
ClientSampleId :

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#22 n-Tetracontane (C40)

R.T.: 21.343 min
Delta R.T.: 0.009 min
Response: 2309482
Conc: 23.80 ug/ml m