

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061224AL\
 Data File : FC066596.D
 Signal(s) : FID1A.ch
 Acq On : 12 Jun 2024 23:52
 Operator : YP/AJ
 Sample : P2846-03MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 HR-04-061124MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/13/2024
 Supervised By :Ankita Jodhani 06/13/2024

Integration File: autoint1.e
 Quant Time: Jun 13 03:57:56 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052824.M
 Quant Title : GC Extractables
 QLast Update : Tue May 28 12:26:07 2024
 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)	11.564	5238270	34.463 ug/ml
Spiked Amount 50.000		Recovery =	68.93%
12) S 1-chlorooctadecane (S...	13.083f	304237921	2662.466 ug/mlm
Spiked Amount 50.000		Recovery =	5324.93%
Target Compounds			
1) T n-Nonane (C9)	3.304	3006810	21.484 ug/ml
2) T n-Decane (C10)	4.375	4266843	29.655 ug/ml
3) T A~Naphthalene (C11.7)	5.964	5470323	34.329 ug/ml
4) T n-Dodecane (C12)	6.401	9856346	68.449 ug/ml
5) T A~2-methylnaphthalene...	7.026	8102655	52.832 ug/ml
6) T n-Tetradecane (C14)	8.204	15837581	112.185 ug/ml
7) T n-Hexadecane (C16)	9.807	17387307	120.984 ug/ml
8) T n-Octadecane (C18)	11.252	13838407	96.700 ug/mlm
10) T n-Eicosane (C20)	12.565	11401770	83.797 ug/ml
11) T n-Heneicosane (C21)	13.195	10462637	78.487 ug/ml
13) T n-Docosane (C22)	13.765	8229263	62.438 ug/ml
14) T n-Tetracosane (C24)	14.857	13312011	102.262 ug/ml
15) T n-Hexacosane (C26)	15.886	5915377	46.512 ug/ml
16) T n-Octacosane (C28)	16.836	6129279	49.370 ug/ml
17) T n-Tricontane (C30)	17.727	5365853	42.577 ug/ml
18) T n-Dotriacontane (C32)	18.559	5163856	41.956 ug/ml
19) T n-Tetratriacontane (C34)	19.348	5892477	49.135 ug/ml
20) T n-Hexatriacontane (C36)	20.088	4972082	41.039 ug/mlm
21) T n-Octatriacontane (C38)	20.833	4830065	41.753 ug/ml
22) T n-Tetracontane (C40)	21.759	4026658	32.872 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : P2846-03MSD
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ALS Vial : 21 Sample Multiplier: 1

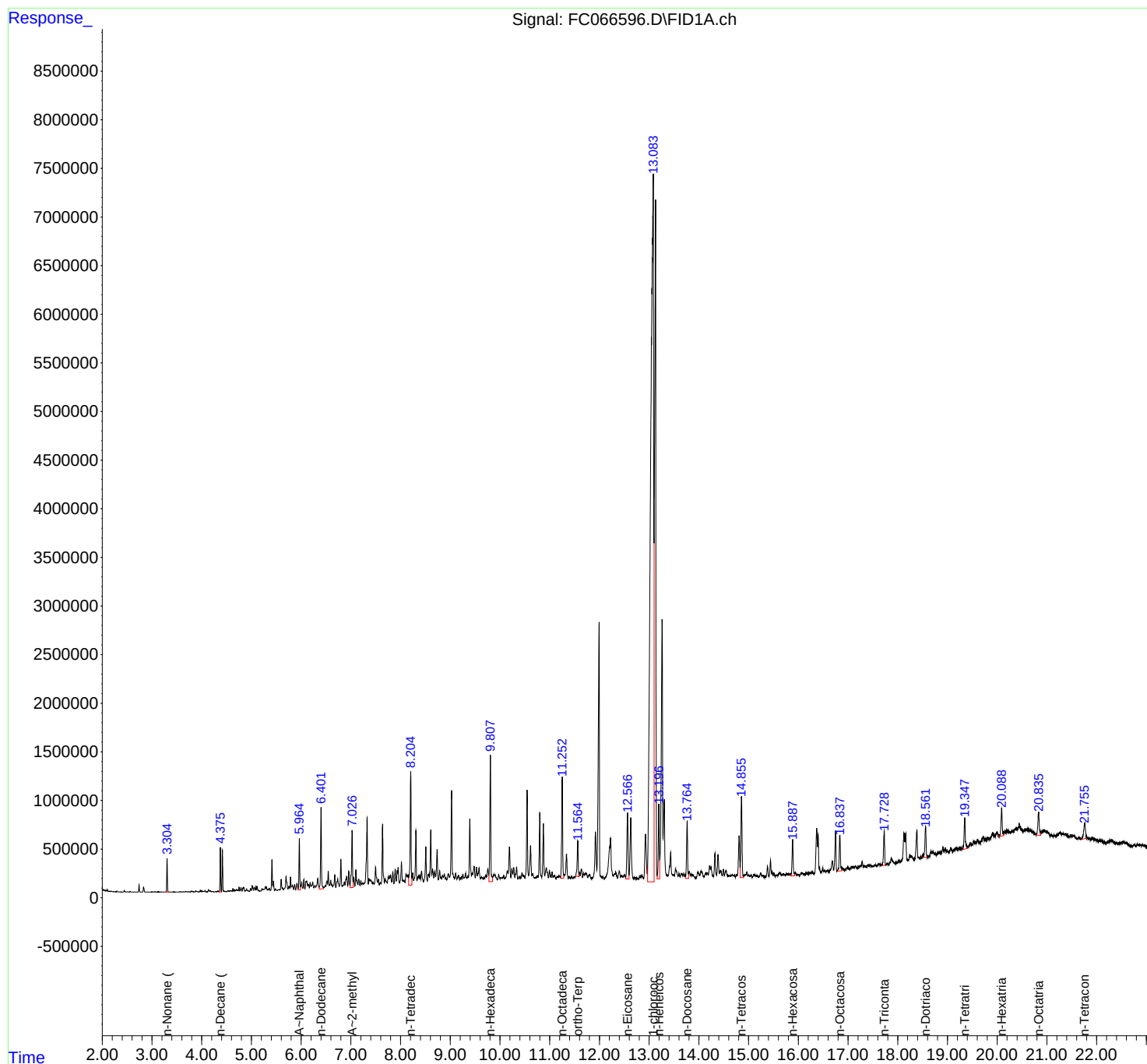
Instrument :
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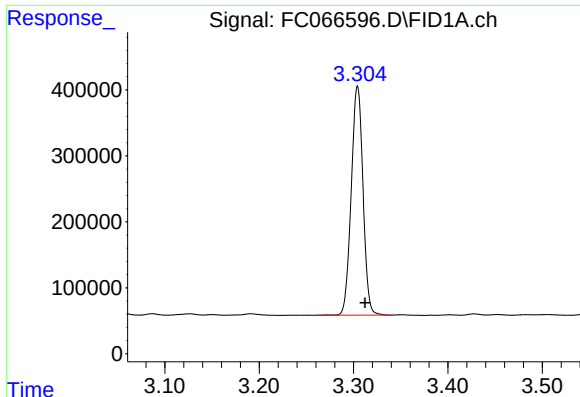
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.304 min
Delta R.T.: -0.008 min
Response: 3006810
Conc: 21.48 ug/ml

Instrument :

FID_C

ClientSampleId :

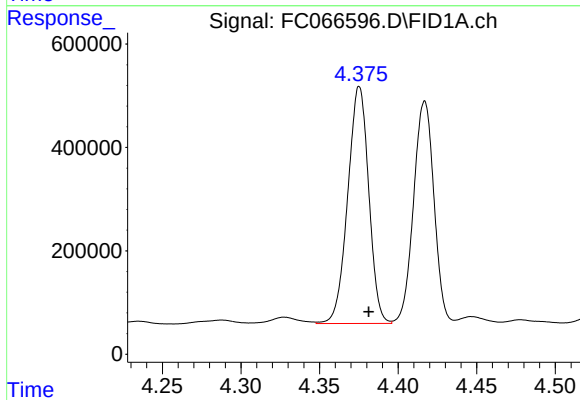
HR-04-061124MSD

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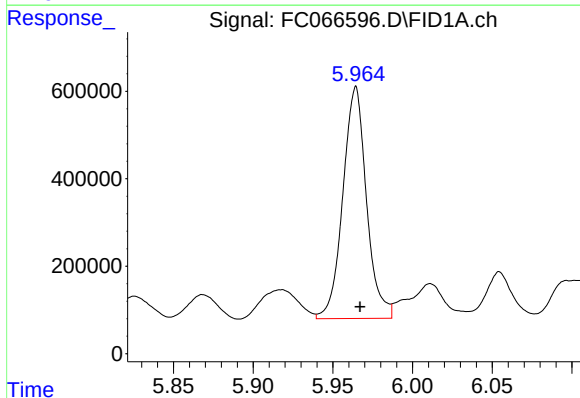
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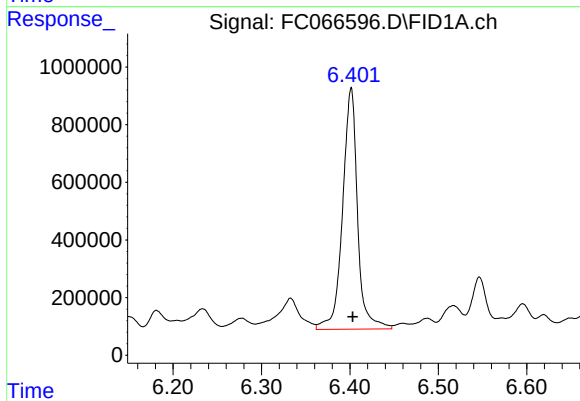
#2 n-Decane (C10)

R.T.: 4.375 min
Delta R.T.: -0.006 min
Response: 4266843
Conc: 29.65 ug/ml



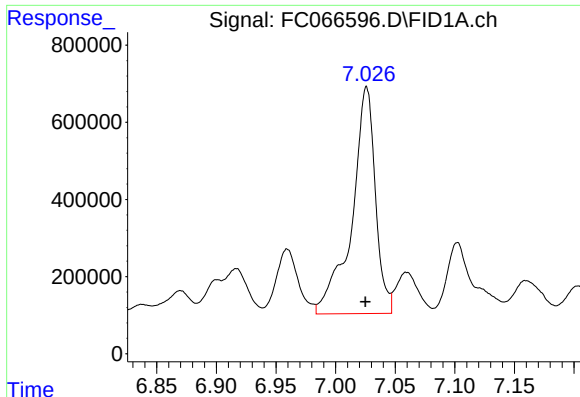
#3 A~Naphthalene (C11.7)

R.T.: 5.964 min
Delta R.T.: -0.003 min
Response: 5470323
Conc: 34.33 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.401 min
Delta R.T.: -0.002 min
Response: 9856346
Conc: 68.45 ug/ml



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

R.T.: 7.026 min
Delta R.T.: 0.000 min
Response: 8102655
Conc: 52.83 ug/ml

Instrument :

FID_C

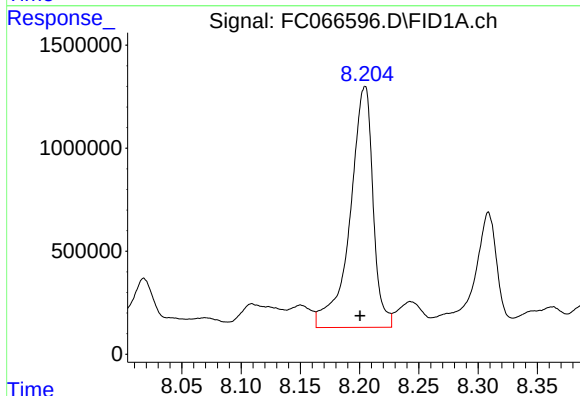
ClientSampleId :

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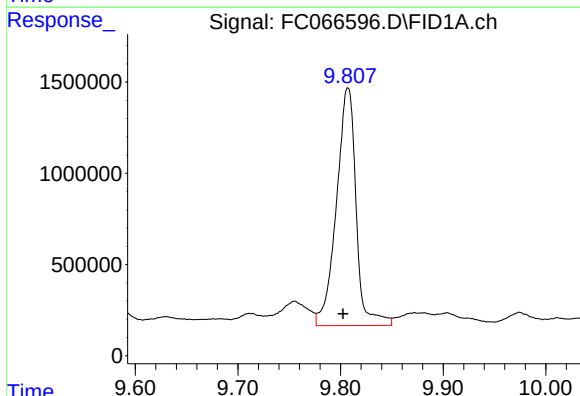
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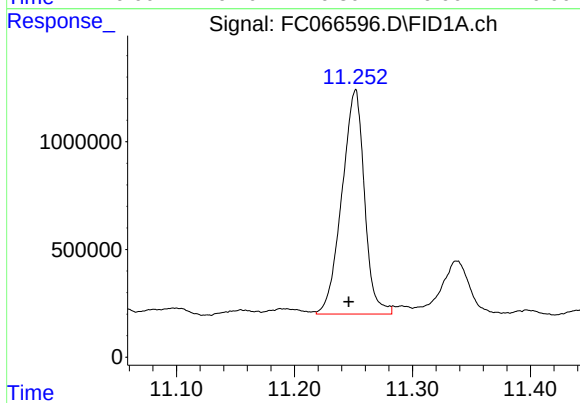
#6 n-Tetradecane (C14)

R.T.: 8.204 min
Delta R.T.: 0.004 min
Response: 15837581
Conc: 112.19 ug/ml



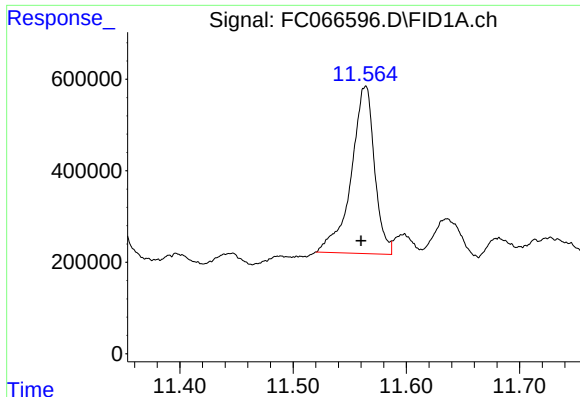
#7 n-Hexadecane (C16)

R.T.: 9.807 min
Delta R.T.: 0.004 min
Response: 17387307
Conc: 120.98 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.252 min
Delta R.T.: 0.006 min
Response: 13838407
Conc: 96.70 ug/ml m



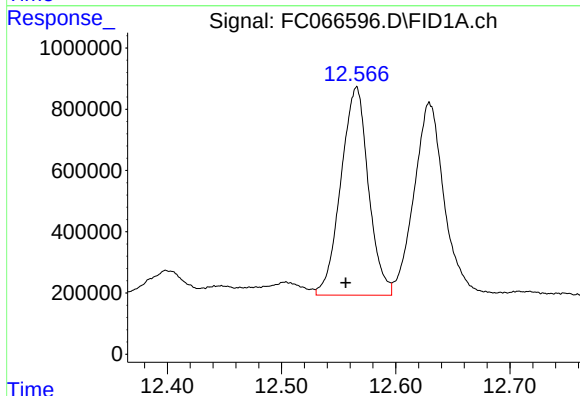
#9 ortho-Terphenyl (SURR)

R.T.: 11.564 min
Delta R.T.: 0.004 min
Response: 5238270
Conc: 34.46 ug/ml

Instrument :
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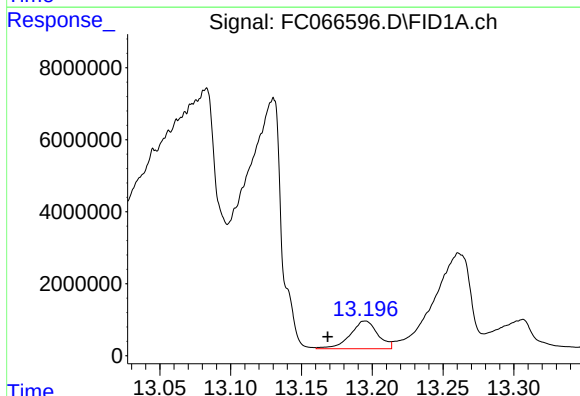
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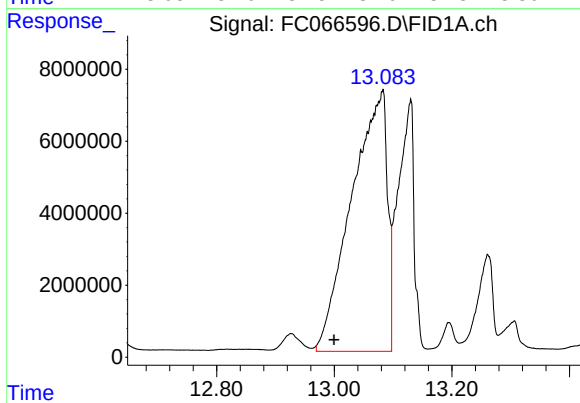
#10 n-Eicosane (C20)

R.T.: 12.565 min
Delta R.T.: 0.009 min
Response: 11401770
Conc: 83.80 ug/ml



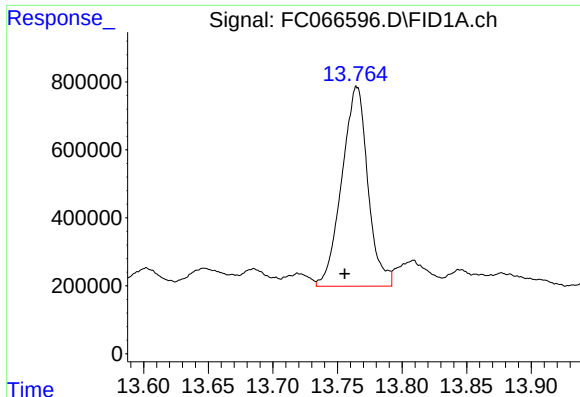
#11 n-Heneicosane (C21)

R.T.: 13.195 min
Delta R.T.: 0.026 min
Response: 10462637
Conc: 78.49 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.083 min
Delta R.T.: 0.083 min
Response: 304237921
Conc: 2662.47 ug/ml m



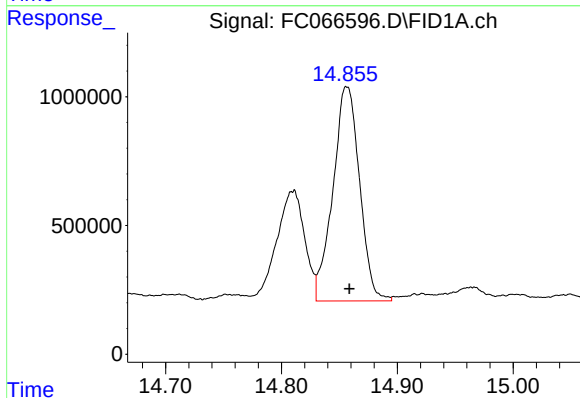
#13 n-Docosane (C22)

R.T.: 13.765 min
Delta R.T.: 0.009 min
Response: 8229263
Conc: 62.44 ug/ml

Instrument :
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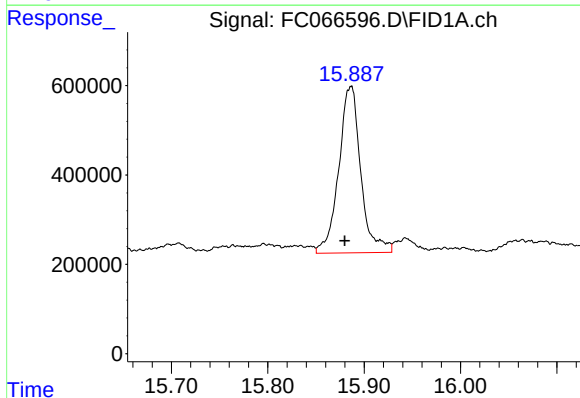
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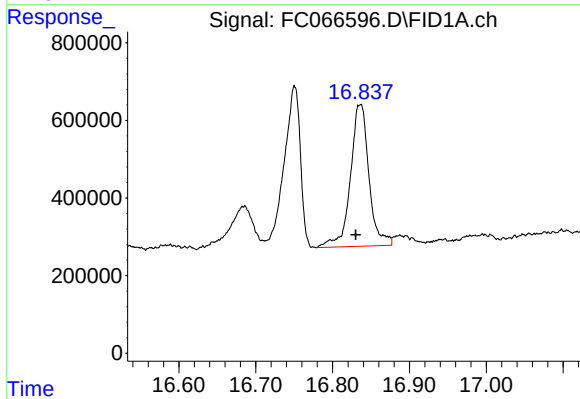
#14 n-Tetracosane (C24)

R.T.: 14.857 min
Delta R.T.: -0.002 min
Response: 13312011
Conc: 102.26 ug/ml



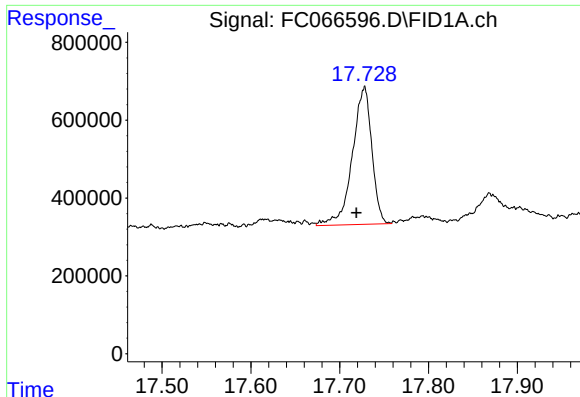
#15 n-Hexacosane (C26)

R.T.: 15.886 min
Delta R.T.: 0.006 min
Response: 5915377
Conc: 46.51 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.836 min
Delta R.T.: 0.006 min
Response: 6129279
Conc: 49.37 ug/ml



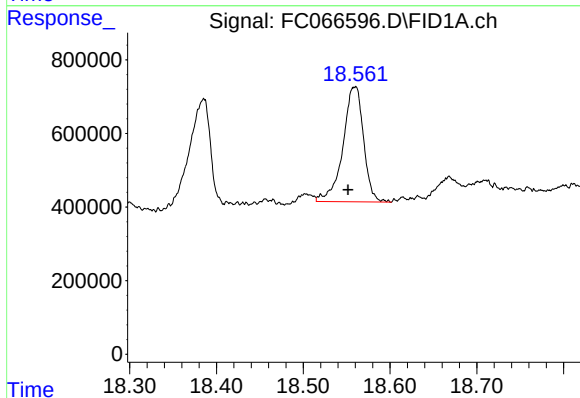
#17 n-Tricontane (C30)

R.T.: 17.727 min
Delta R.T.: 0.009 min
Response: 5365853
Conc: 42.58 ug/ml

Instrument :
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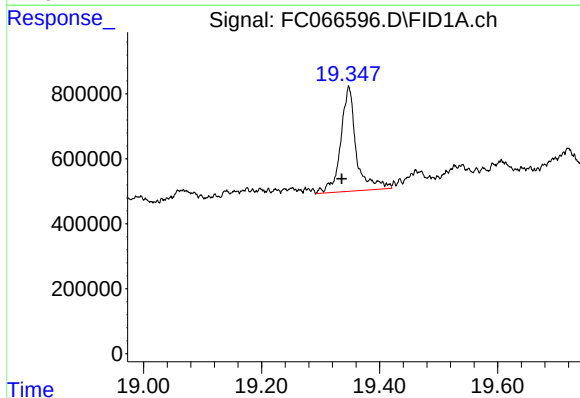
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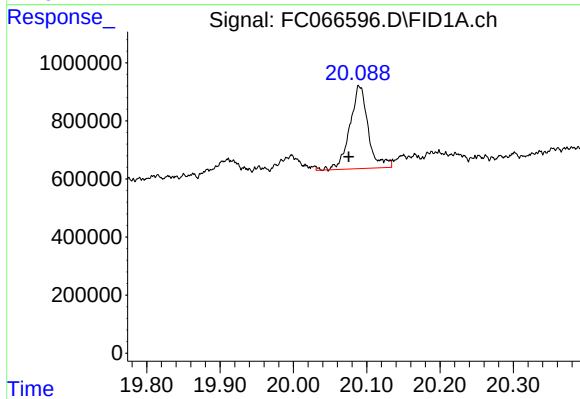
#18 n-Dotriacontane (C32)

R.T.: 18.559 min
Delta R.T.: 0.008 min
Response: 5163856
Conc: 41.96 ug/ml



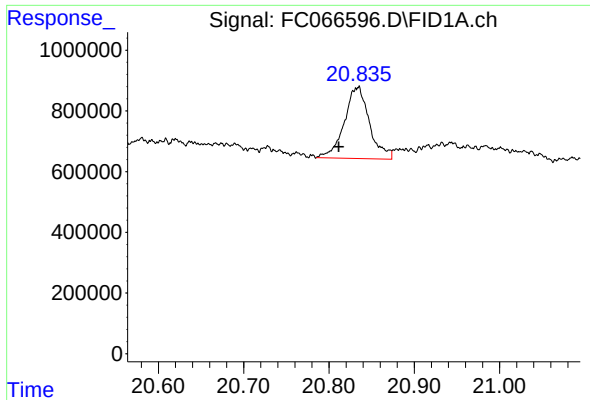
#19 n-Tetratriacontane (C34)

R.T.: 19.348 min
Delta R.T.: 0.012 min
Response: 5892477
Conc: 49.13 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.088 min
Delta R.T.: 0.013 min
Response: 4972082
Conc: 41.04 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.833 min
Delta R.T.: 0.021 min
Response: 4830065
Conc: 41.75 ug/ml

Instrument :

FID_C

ClientSampleId :

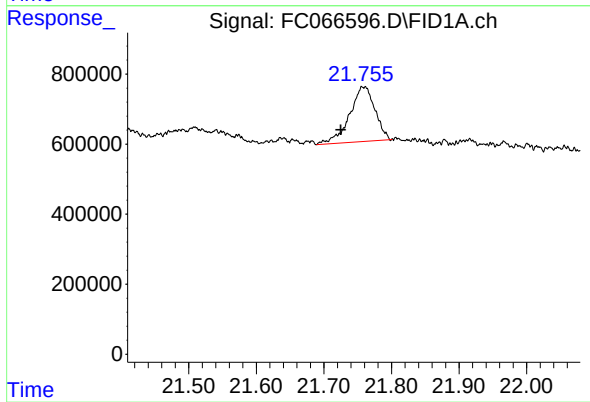
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#22 n-Tetracontane (C40)

R.T.: 21.759 min
Delta R.T.: 0.035 min
Response: 4026658
Conc: 32.87 ug/ml