

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042524AL\
 Data File : FC066236.D
 Signal(s) : FID1A.ch
 Acq On : 25 Apr 2024 21:26
 Operator : YP/AJ
 Sample : P2244-07MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 SMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :Ankita Jodhani 04/26/2024

Integration File: autoint1.e
 Quant Time: Apr 26 04:00:12 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 041524.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 16 08:19:15 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)	11.563	4150688	30.058 ug/ml
Spiked Amount 50.000		Recovery =	60.12%
12) S 1-chlorooctadecane (S...	13.002	3232645	32.945 ug/ml
Spiked Amount 50.000		Recovery =	65.89%
Target Compounds			
1) T n-Nonane (C9)	3.332	4407036	34.233 ug/ml
2) T n-Decane (C10)	4.395	4641861	35.600 ug/ml
3) T A~Naphthalene (C11.7)	5.973	4985709	34.762 ug/ml
4) T n-Dodecane (C12)	6.410	4800455	37.074 ug/ml
5) T A~2-methylnaphthalene...	7.029	4875407	35.406 ug/ml
6) T n-Tetradecane (C14)	8.205	4793449	38.084 ug/ml
7) T n-Hexadecane (C16)	9.806	4718089	37.041 ug/ml
8) T n-Octadecane (C18)	11.249	4791614	37.644 ug/ml
10) T n-Eicosane (C20)	12.560	4717159	39.144 ug/ml
11) T n-Heneicosane (C21)	13.172	4580686	38.713 ug/ml
13) T n-Docosane (C22)	13.758	4500424	38.336 ug/ml
14) T n-Tetracosane (C24)	14.861	4262598	36.534 ug/ml
15) T n-Hexacosane (C26)	15.883	4393589	38.219 ug/ml
16) T n-Octacosane (C28)	16.833	4455533	39.315 ug/ml
17) T n-Tricontane (C30)	17.722	4501769	38.860 ug/ml
18) T n-Dotriacontane (C32)	18.555	4490069	39.108 ug/ml
19) T n-Tetratriacontane (C34)	19.338	4461799	40.628 ug/ml
20) T n-Hexatriacontane (C36)	20.079	4299037	41.649 ug/mlm
21) T n-Octatriacontane (C38)	20.815	4224766	43.339 ug/ml
22) T n-Tetracontane (C40)	21.727	4084958	45.143 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 14 Sample Multiplier: 1

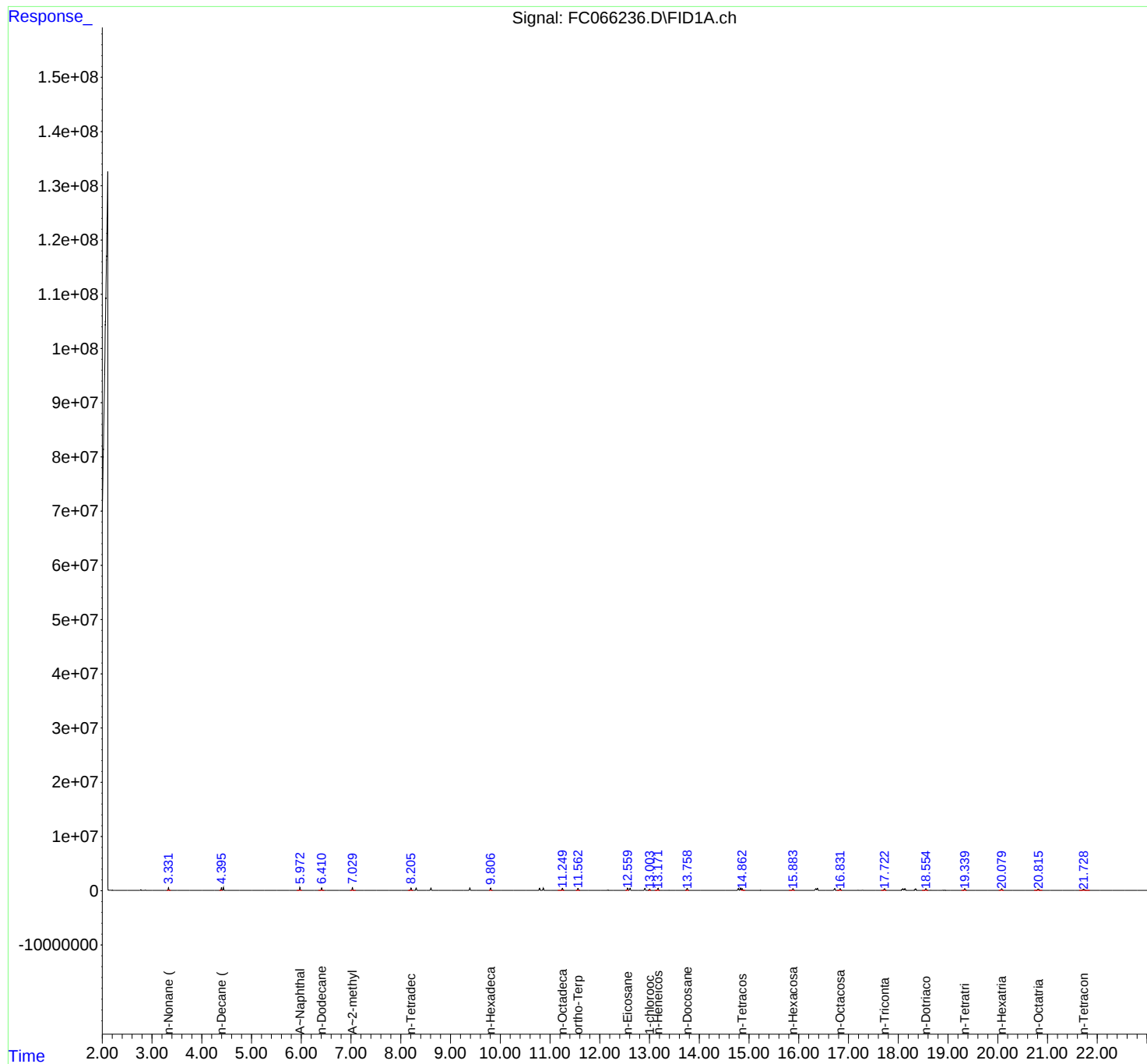
Instrument :
FID_C
ClientSampleId :
5MS

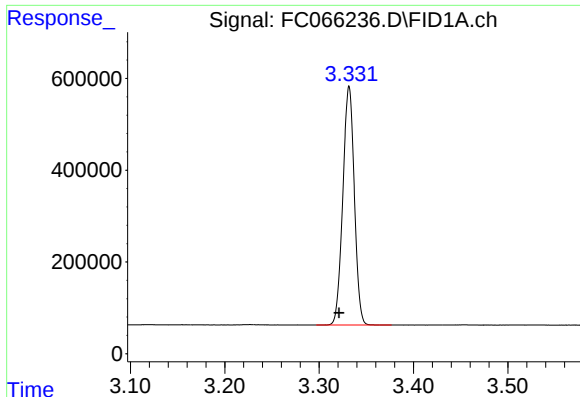
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#1 n-Nonane (C9)

R.T.: 3.332 min
Delta R.T.: 0.011 min
Response: 4407036
Conc: 34.23 ug/ml

Instrument :

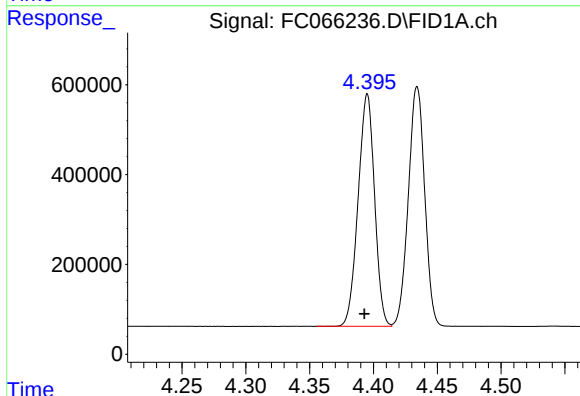
FID_C

ClientSampleId :

5MS

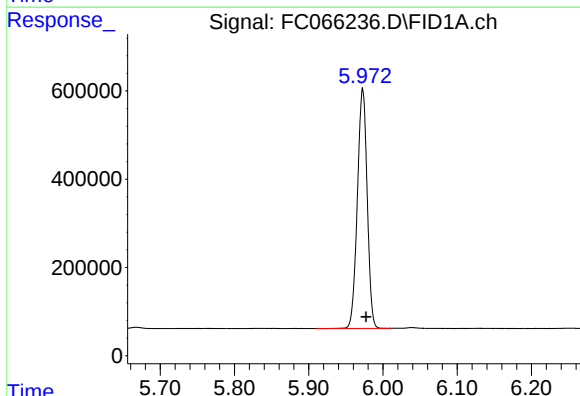
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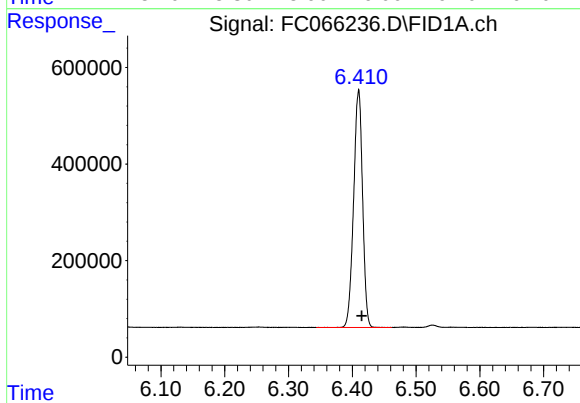
#2 n-Decane (C10)

R.T.: 4.395 min
Delta R.T.: 0.002 min
Response: 4641861
Conc: 35.60 ug/ml



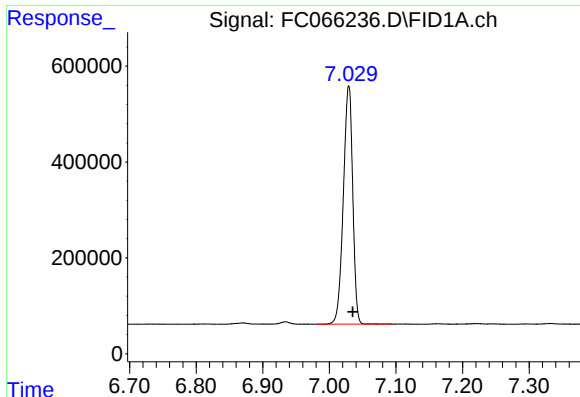
#3 A~Naphthalene (C11.7)

R.T.: 5.973 min
Delta R.T.: -0.005 min
Response: 4985709
Conc: 34.76 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.410 min
Delta R.T.: -0.005 min
Response: 4800455
Conc: 37.07 ug/ml



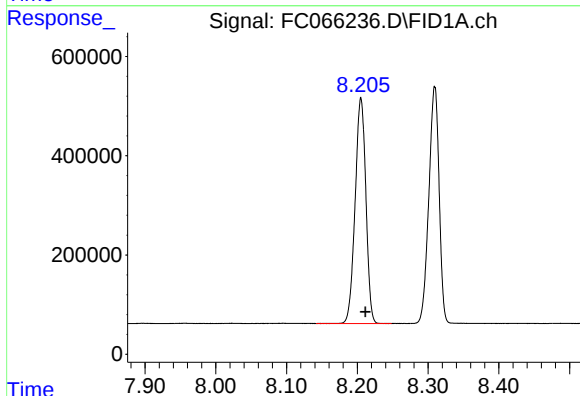
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.029 min
Delta R.T.: -0.006 min
Response: 4875407
Conc: 35.41 ug/ml

Instrument :
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SMS

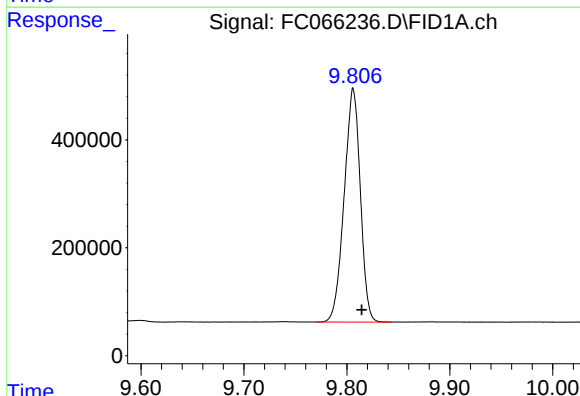
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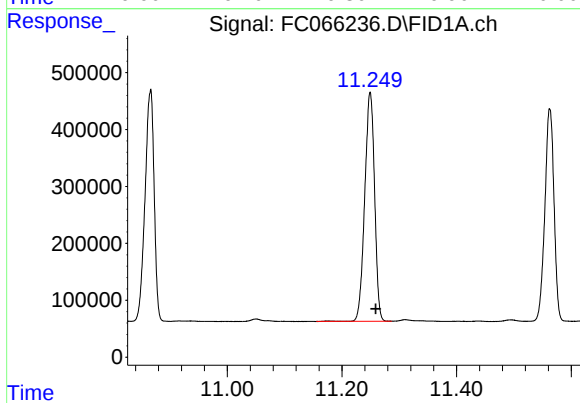
#6 n-Tetradecane (C14)

R.T.: 8.205 min
Delta R.T.: -0.007 min
Response: 4793449
Conc: 38.08 ug/ml



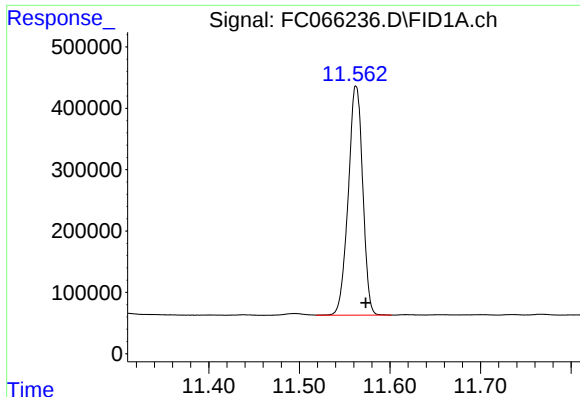
#7 n-Hexadecane (C16)

R.T.: 9.806 min
Delta R.T.: -0.008 min
Response: 4718089
Conc: 37.04 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.249 min
Delta R.T.: -0.009 min
Response: 4791614
Conc: 37.64 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.563 min
Delta R.T.: -0.011 min
Response: 4150688
Conc: 30.06 ug/ml

Instrument :

FID_C

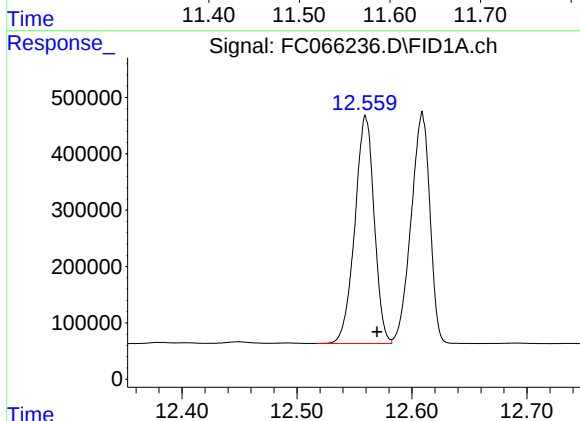
ClientSampleId :

5MS

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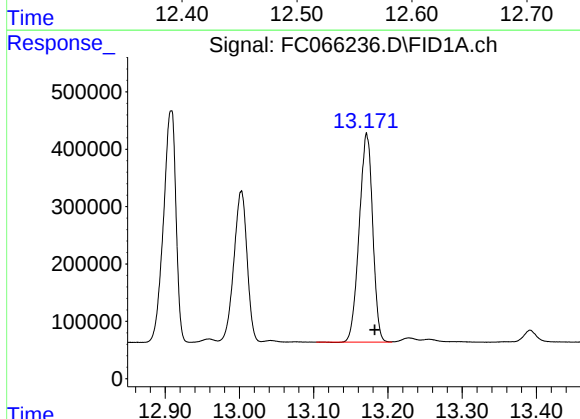
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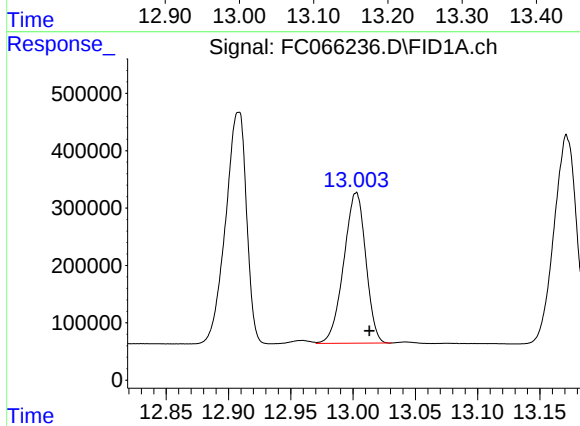
#10 n-Eicosane (C20)

R.T.: 12.560 min
Delta R.T.: -0.010 min
Response: 4717159
Conc: 39.14 ug/ml



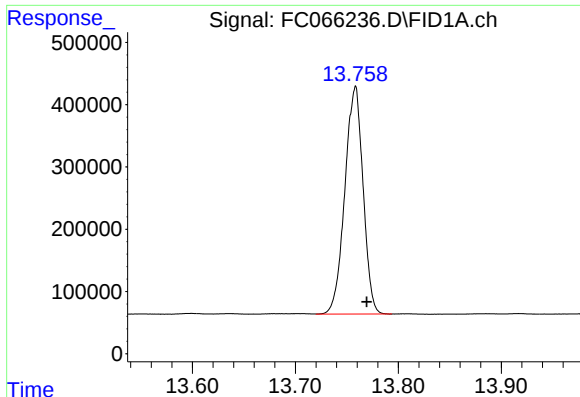
#11 n-Heneicosane (C21)

R.T.: 13.172 min
Delta R.T.: -0.011 min
Response: 4580686
Conc: 38.71 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.002 min
Delta R.T.: -0.011 min
Response: 3232645
Conc: 32.94 ug/ml



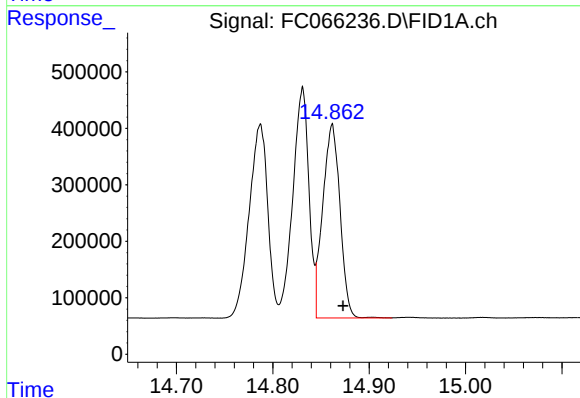
#13 n-Docosane (C22)

R.T.: 13.758 min
Delta R.T.: -0.011 min
Response: 4500424
Conc: 38.34 ug/ml

Instrument :
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SMS

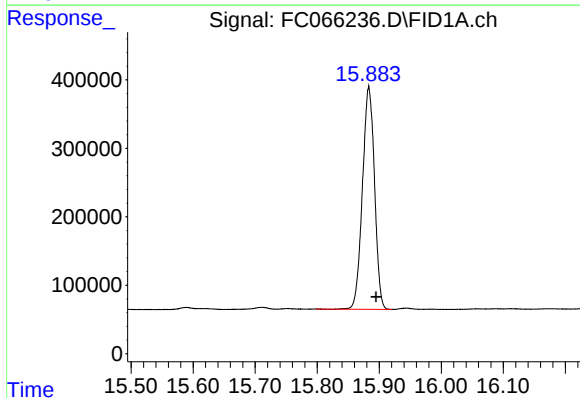
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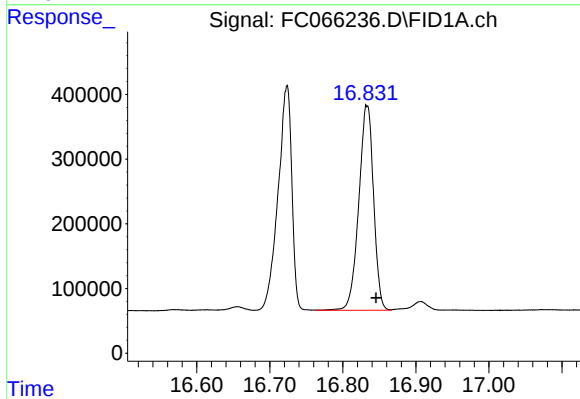
#14 n-Tetracosane (C24)

R.T.: 14.861 min
Delta R.T.: -0.011 min
Response: 4262598
Conc: 36.53 ug/ml



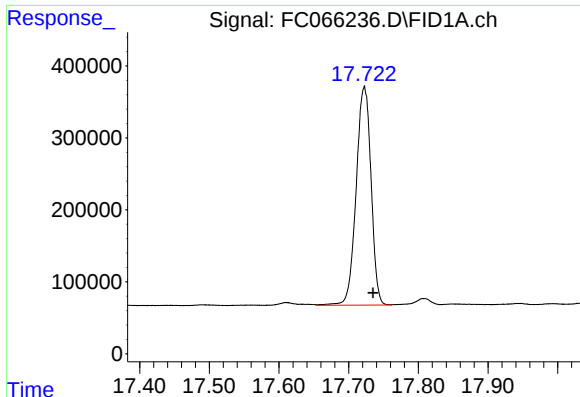
#15 n-Hexacosane (C26)

R.T.: 15.883 min
Delta R.T.: -0.012 min
Response: 4393589
Conc: 38.22 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.833 min
Delta R.T.: -0.012 min
Response: 4455533
Conc: 39.31 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.722 min
Delta R.T.: -0.012 min
Response: 4501769
Conc: 38.86 ug/ml

Instrument :

FID_C

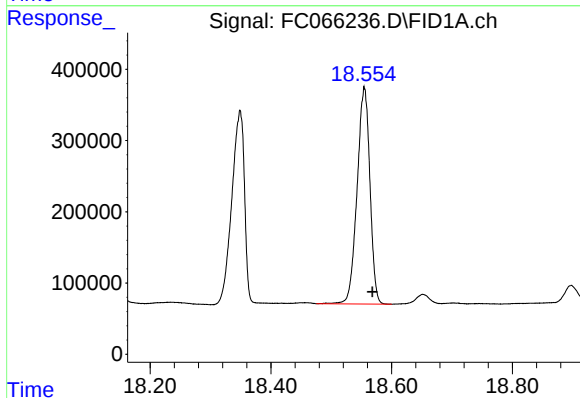
ClientSampleId :

5MS

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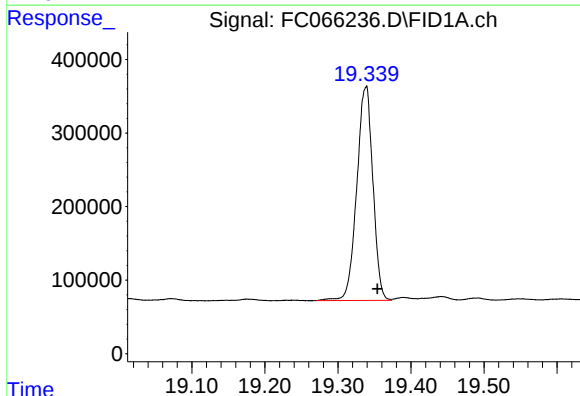
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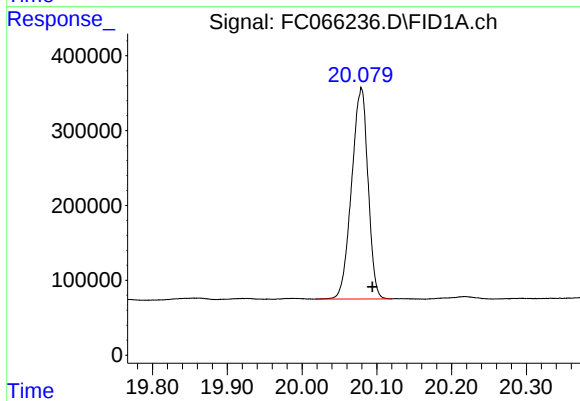
#18 n-Dotriacontane (C32)

R.T.: 18.555 min
Delta R.T.: -0.014 min
Response: 4490069
Conc: 39.11 ug/ml



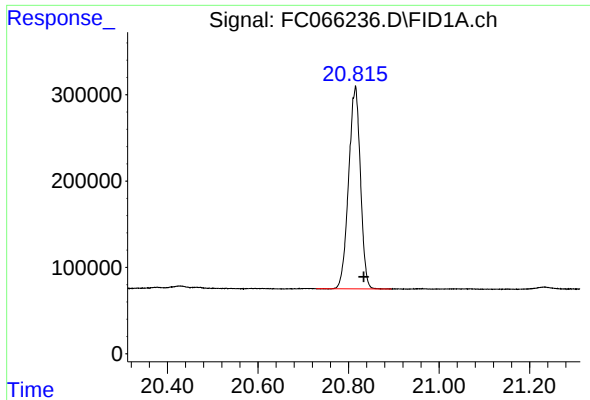
#19 n-Tetratriacontane (C34)

R.T.: 19.338 min
Delta R.T.: -0.016 min
Response: 4461799
Conc: 40.63 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.079 min
Delta R.T.: -0.015 min
Response: 4299037
Conc: 41.65 ug/ml m



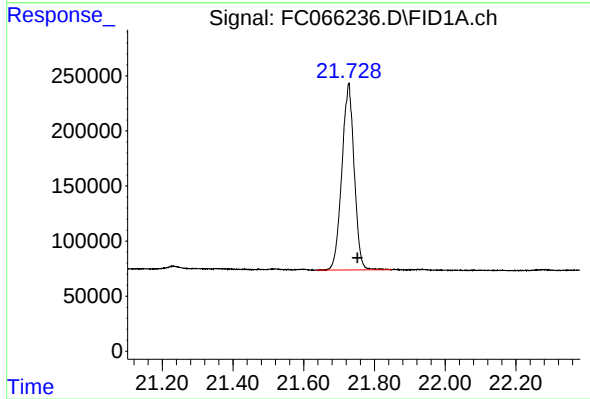
#21 n-Octatriacontane (C38)

R.T.: 20.815 min
Delta R.T.: -0.019 min
Response: 4224766
Conc: 43.34 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.727 min
Delta R.T.: -0.025 min
Response: 4084958
Conc: 45.14 ug/ml