

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F101724AL\
 Data File : FC067463.D
 Signal(s) : FID1A.ch
 Acq On : 17 Oct 2024 20:00
 Operator : YP/AJ
 Sample : P4419-01MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 IB-1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/18/2024
 Supervised By :Ankita Jodhani 10/18/2024

Integration File: sample.E
 Quant Time: Oct 18 01:44:52 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 09:13:32 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)	11.498	3566941	23.442 ug/mlm
Spiked Amount 50.000		Recovery =	46.88%
12) S 1-chlorooctadecane (S...	12.936	2745411	24.254 ug/mlm
Spiked Amount 50.000		Recovery =	48.51%
Target Compounds			
1) T n-Nonane (C9)	3.278	4156818	32.793 ug/ml
2) T n-Decane (C10)	4.342	4724241	36.752 ug/ml
3) T A~Naphthalene (C11.7)	5.918	5639024	39.752 ug/mlm
4) T n-Dodecane (C12)	6.356	5346440	41.202 ug/mlm
5) T A~2-methylnaphthalene...	6.974	5807932	42.335 ug/mlm
6) T n-Tetradecane (C14)	8.152	5740425	44.569 ug/mlm
7) T n-Hexadecane (C16)	9.749	6139930	46.124 ug/mlm
8) T n-Octadecane (C18)	11.188	5906011	43.554 ug/mlm
10) T n-Eicosane (C20)	12.496	5989431	45.872 ug/mlm
11) T n-Heneicosane (C21)	13.107	5855829	45.657 ug/ml
13) T n-Docosane (C22)	13.692	5539289	43.382 ug/ml
14) T n-Tetracosane (C24)	14.764	11056148	86.449 ug/mlm
15) T n-Hexacosane (C26)	15.814	5319070	42.186 ug/ml
16) T n-Octacosane (C28)	16.761	5386110	42.873 ug/ml
17) T n-Tricontane (C30)	17.649	5458520	42.372 ug/ml
18) T n-Dotriacontane (C32)	18.480	5441007	43.553 ug/ml
19) T n-Tetratriacontane (C34)	19.262	5437900	49.762 ug/ml
20) T n-Hexatriacontane (C36)	20.002	5141353	54.396 ug/ml
21) T n-Octatriacontane (C38)	20.725	5166307	58.909 ug/ml
22) T n-Tetracontane (C40)	21.612	5203279	60.470 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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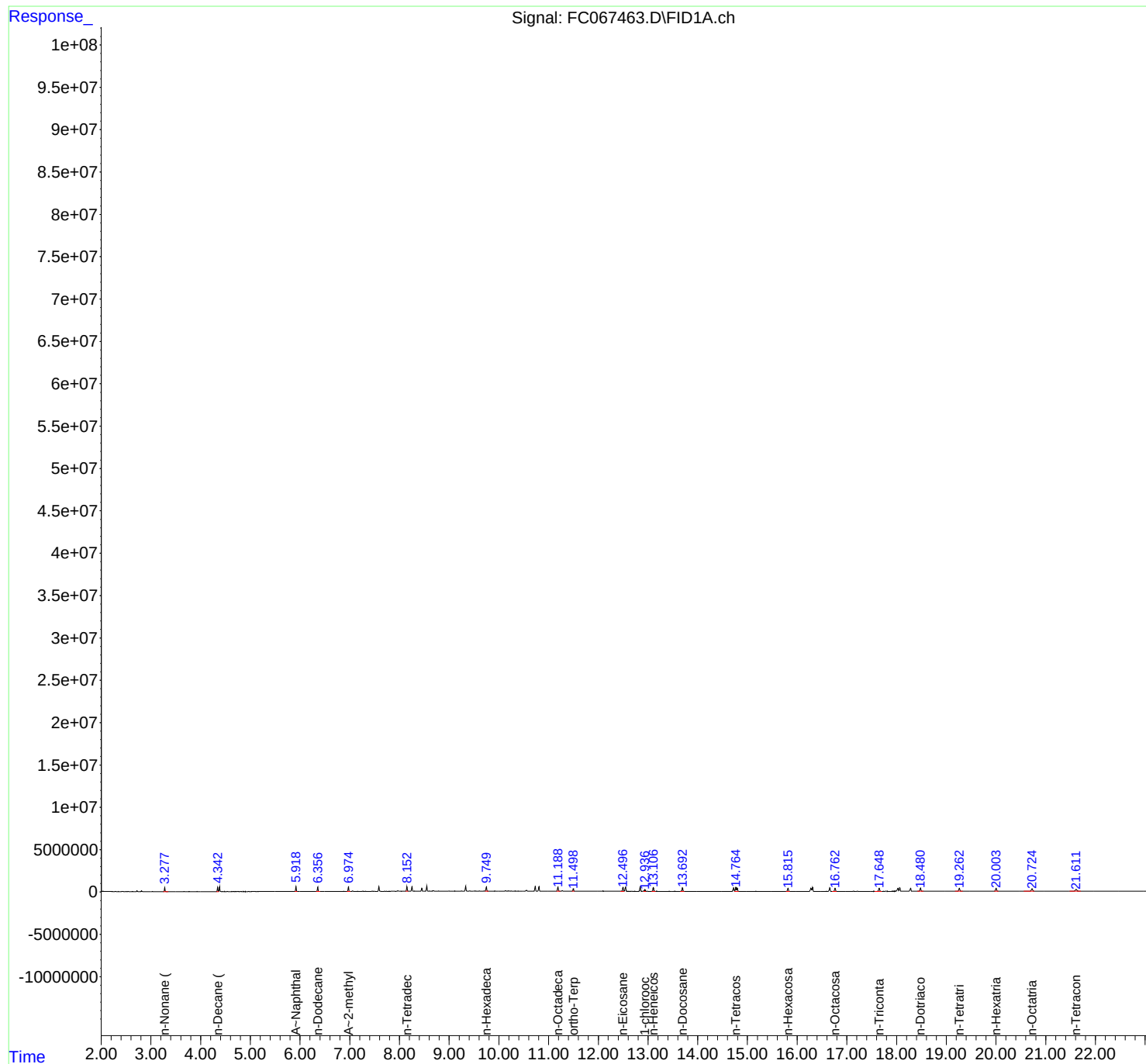
Response via : Initial Calibration

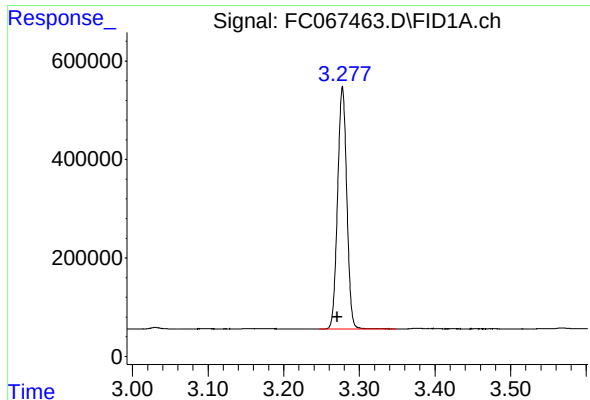
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





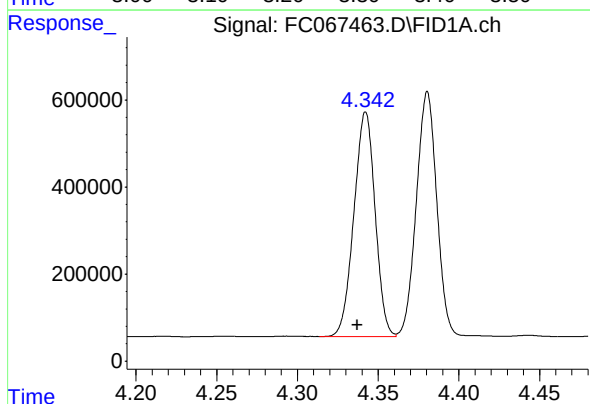
#1 n-Nonane (C9)

R.T.: 3.278 min
Delta R.T.: 0.007 min
Response: 4156818
Conc: 32.79 ug/ml

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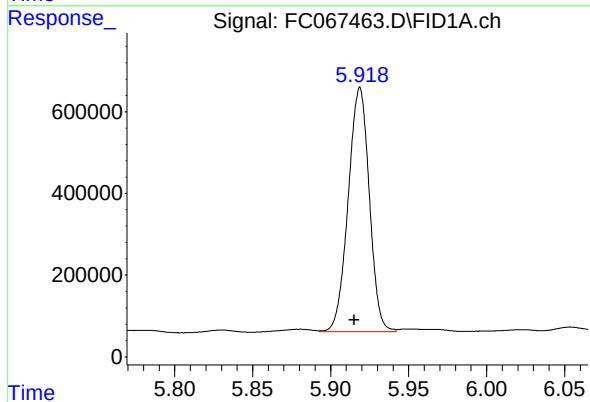
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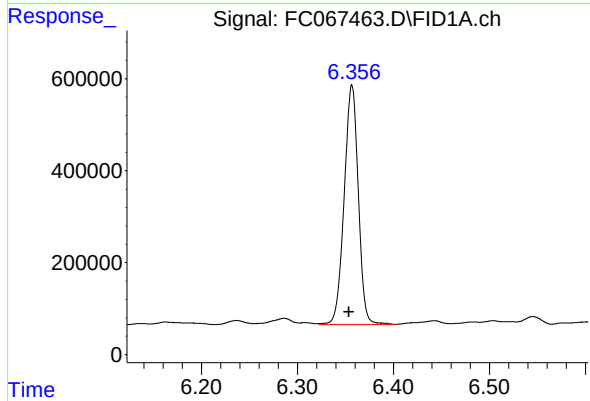
#2 n-Decane (C10)

R.T.: 4.342 min
Delta R.T.: 0.005 min
Response: 4724241
Conc: 36.75 ug/ml



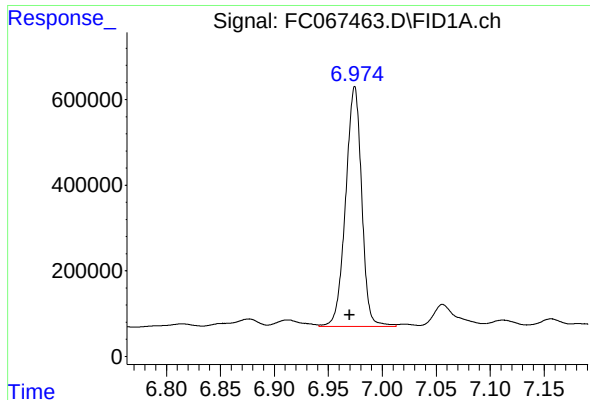
#3 A~Naphthalene (C11.7)

R.T.: 5.918 min
Delta R.T.: 0.003 min
Response: 5639024
Conc: 39.75 ug/ml m



#4 n-Dodecane (C12)

R.T.: 6.356 min
Delta R.T.: 0.003 min
Response: 5346440
Conc: 41.20 ug/ml m



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

R.T.: 6.974 min
Delta R.T.: 0.004 min
Response: 5807932
Conc: 42.34 ug/ml

Instrument :

FID_C

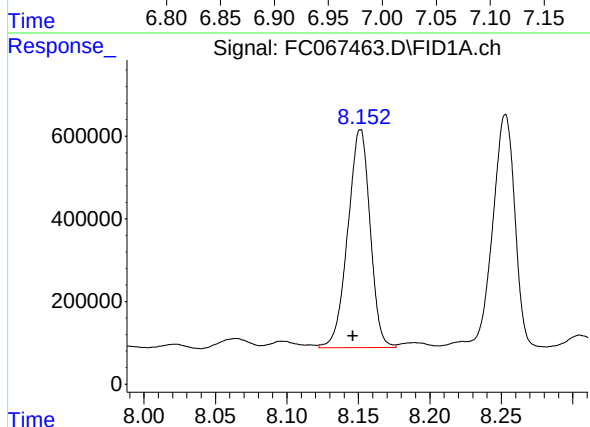
ClientSampleId :

IB-1MS

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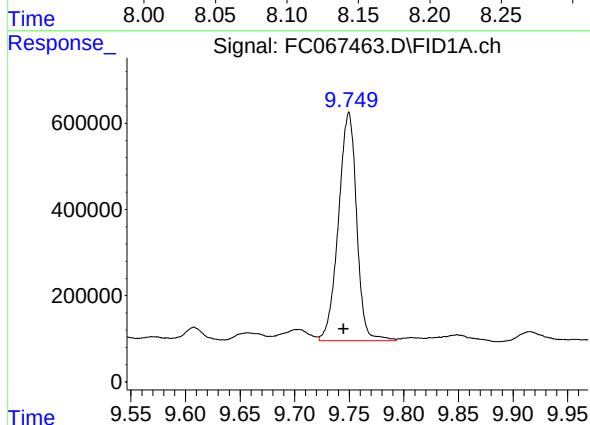
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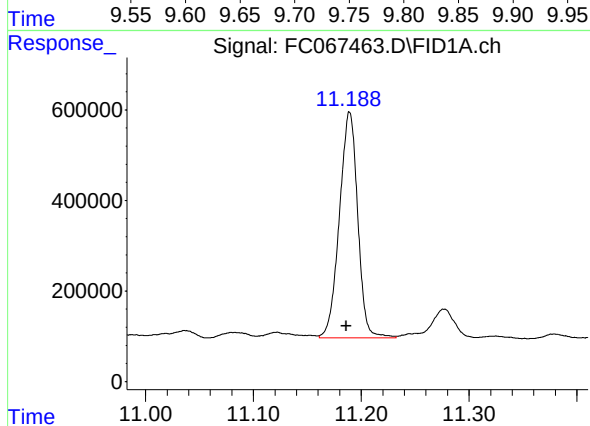
#6 n-Tetradecane (C14)

R.T.: 8.152 min
Delta R.T.: 0.006 min
Response: 5740425
Conc: 44.57 ug/ml m



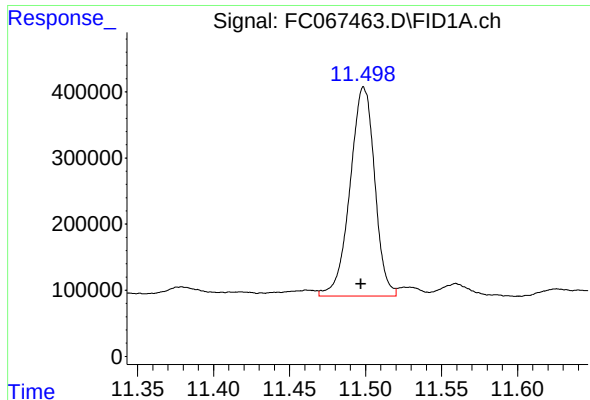
#7 n-Hexadecane (C16)

R.T.: 9.749 min
Delta R.T.: 0.004 min
Response: 6139930
Conc: 46.12 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.188 min
Delta R.T.: 0.002 min
Response: 5906011
Conc: 43.55 ug/ml m



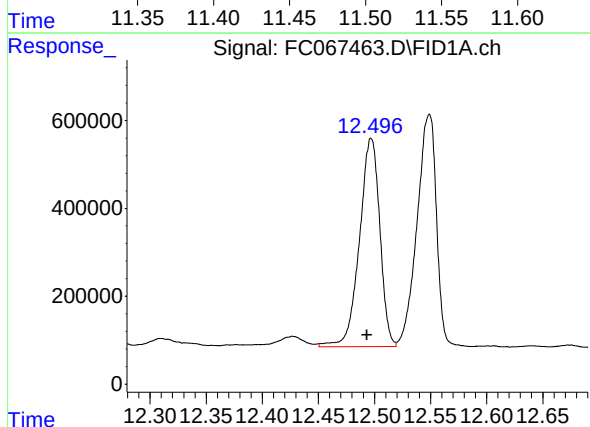
#9 ortho-Terphenyl (SURR)

R.T.: 11.498 min
Delta R.T.: 0.001 min
Response: 3566941
Conc: 23.44 ug/ml

Instrument :
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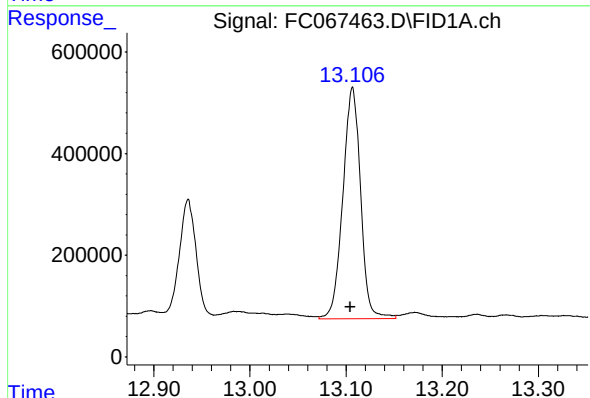
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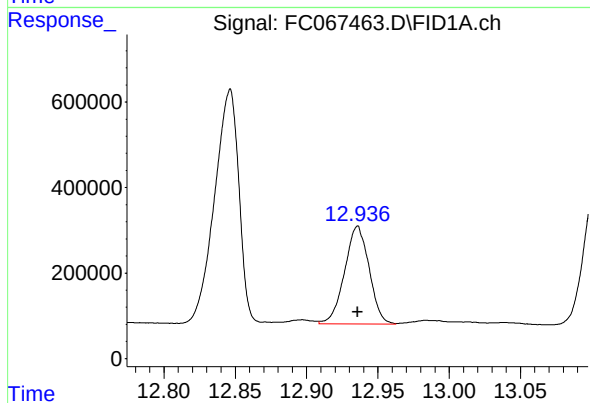
#10 n-Eicosane (C20)

R.T.: 12.496 min
Delta R.T.: 0.003 min
Response: 5989431
Conc: 45.87 ug/ml m



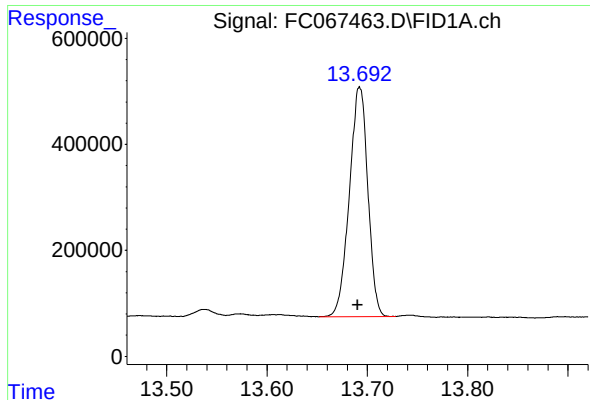
#11 n-Heneicosane (C21)

R.T.: 13.107 min
Delta R.T.: 0.002 min
Response: 5855829
Conc: 45.66 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.936 min
Delta R.T.: 0.000 min
Response: 2745411
Conc: 24.25 ug/ml m



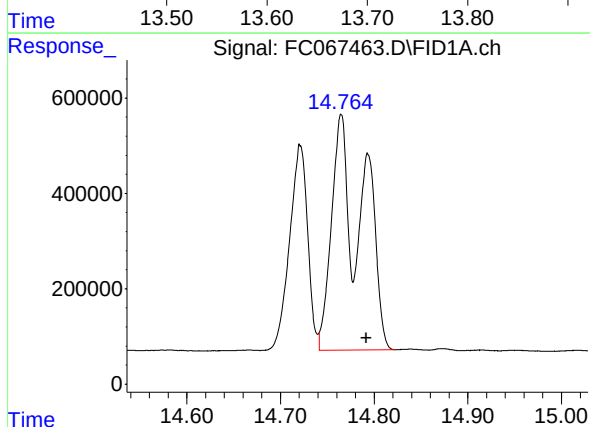
#13 n-Docosane (C22)

R.T.: 13.692 min
Delta R.T.: 0.002 min
Response: 5539289
Conc: 43.38 ug/ml

Instrument :
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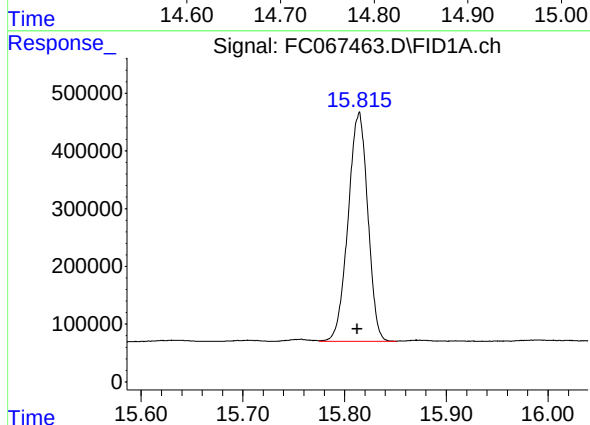
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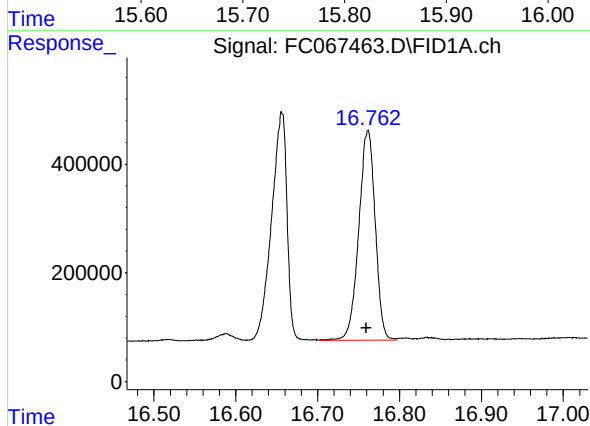
#14 n-Tetracosane (C24)

R.T.: 14.764 min
Delta R.T.: -0.028 min
Response: 11056148
Conc: 86.45 ug/ml m



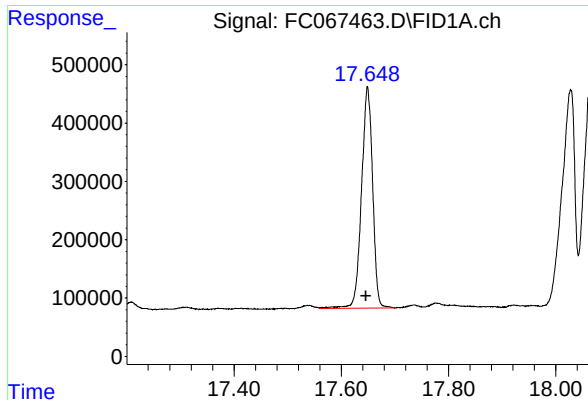
#15 n-Hexacosane (C26)

R.T.: 15.814 min
Delta R.T.: 0.001 min
Response: 5319070
Conc: 42.19 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.761 min
Delta R.T.: 0.002 min
Response: 5386110
Conc: 42.87 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.649 min
Delta R.T.: 0.003 min
Response: 5458520
Conc: 42.37 ug/ml

Instrument :

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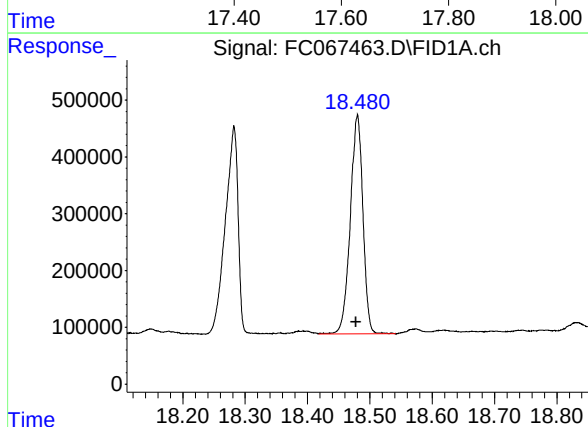
ClientSampleId :

IB-1MS

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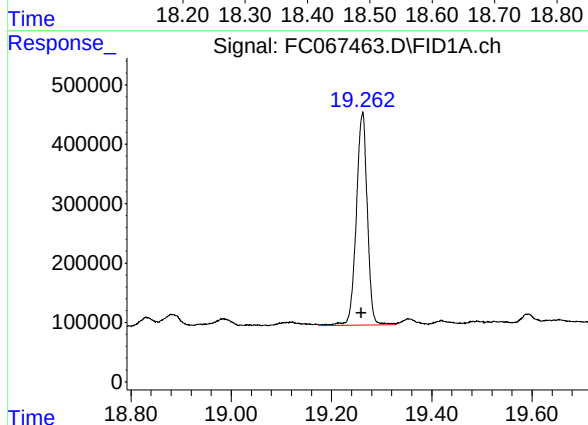
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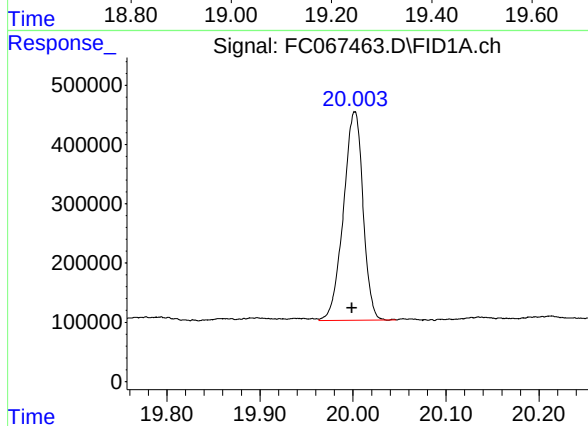
#18 n-Dotriacontane (C32)

R.T.: 18.480 min
Delta R.T.: 0.002 min
Response: 5441007
Conc: 43.55 ug/ml



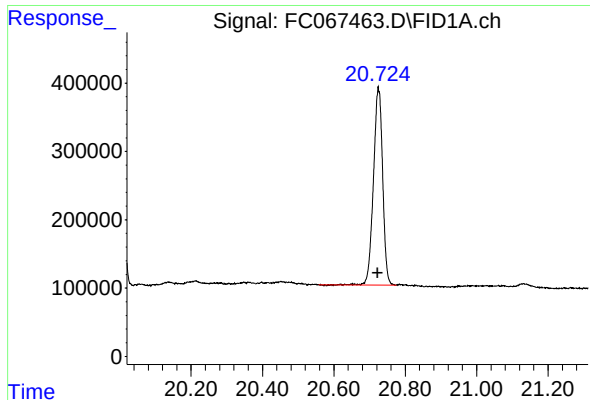
#19 n-Tetratriacontane (C34)

R.T.: 19.262 min
Delta R.T.: 0.002 min
Response: 5437900
Conc: 49.76 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.002 min
Delta R.T.: 0.003 min
Response: 5141353
Conc: 54.40 ug/ml



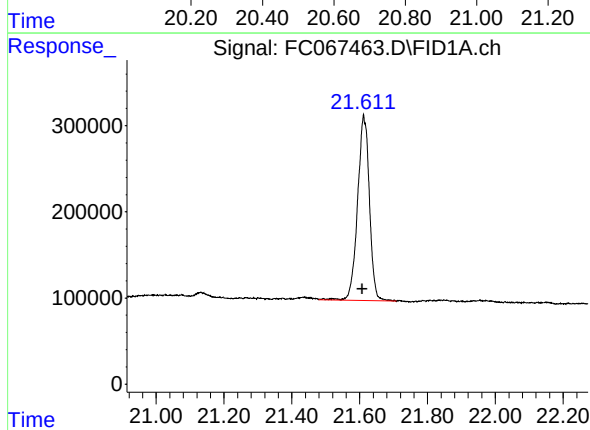
#21 n-Octatriacontane (C38)

R.T.: 20.725 min
Delta R.T.: 0.002 min
Response: 5166307
Conc: 58.91 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.612 min
Delta R.T.: 0.004 min
Response: 5203279
Conc: 60.47 ug/ml