

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020325AL\
 Data File : FC068183.D
 Signal(s) : FID1A.ch
 Acq On : 03 Feb 2025 16:15
 Operator : YP/AJ
 Sample : Q1269-01MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

VNJ-231MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 02/04/2025

Supervised By :Ankita Jodhani 02/04/2025

Integration File: autoint1.e

Quant Time: Feb 04 03:24:22 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M

Quant Title : GC Extractables

QLast Update : Sat Jan 25 04:31:18 2025

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)	11.419	4139435	26.490 ug/ml
Spiked Amount 50.000		Recovery =	52.98%
12) S 1-chlorooctadecane (S...	12.859	3281891	28.537 ug/ml
Spiked Amount 50.000		Recovery =	57.07%
Target Compounds			
1) T n-Nonane (C9)	3.229	3652632	26.675 ug/ml
2) T n-Decane (C10)	4.286	4036379	29.074 ug/ml
3) T A~Naphthalene (C11.7)	5.853	4763320	31.729 ug/ml
4) T n-Dodecane (C12)	6.293	4229603	30.277 ug/ml
5) T A~2-methylnaphthalene...	6.905	4498324	31.318 ug/ml
6) T n-Tetradecane (C14)	8.082	4558942	33.404 ug/ml
7) T n-Hexadecane (C16)	9.677	4757839	34.242 ug/ml
8) T n-Octadecane (C18)	11.114	4783308	34.187 ug/ml
10) T n-Eicosane (C20)	12.420	5018850	37.510 ug/ml
11) T n-Heneicosane (C21)	13.029	4677630	35.615 ug/ml
13) T n-Docosane (C22)	13.614	4684233	36.162 ug/mlm
14) T n-Tetracosane (C24)	14.675	9657075	75.219 ug/mlm
15) T n-Hexacosane (C26)	15.734	4488484	35.669 ug/ml
16) T n-Octacosane (C28)	16.681	4554150	36.412 ug/mlm
17) T n-Tricontane (C30)	17.567	4484367	34.694 ug/ml
18) T n-Dotriacontane (C32)	18.396	4385104	35.078 ug/mlm
19) T n-Tetratriacontane (C34)	19.179	4374206	40.324 ug/ml
20) T n-Hexatriacontane (C36)	19.916	3991388	43.130 ug/ml
21) T n-Octatriacontane (C38)	20.629	3870000	45.164 ug/ml
22) T n-Tetracontane (C40)	21.488	3775131	46.688 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : Q1269-01MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

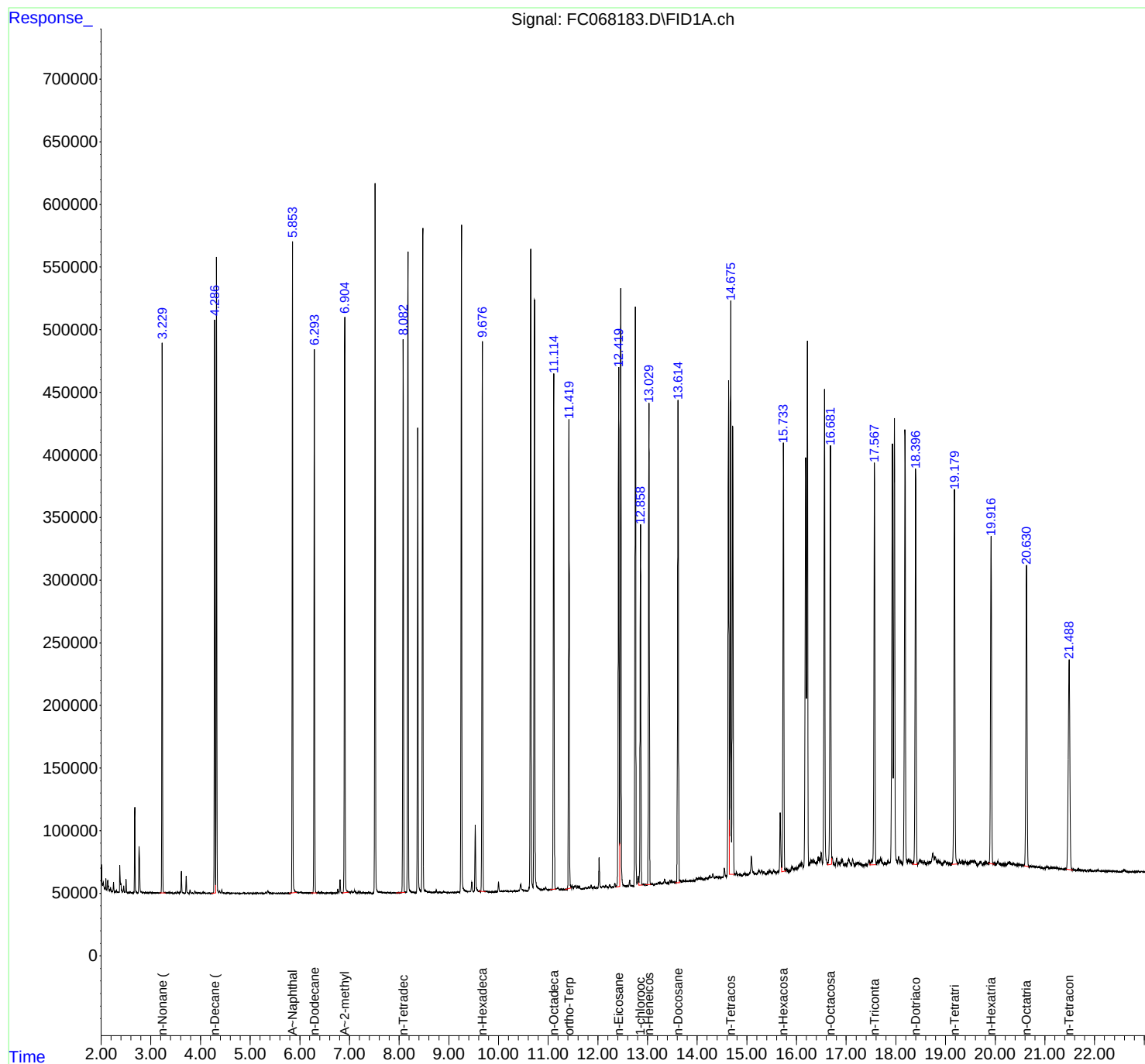
Instrument :
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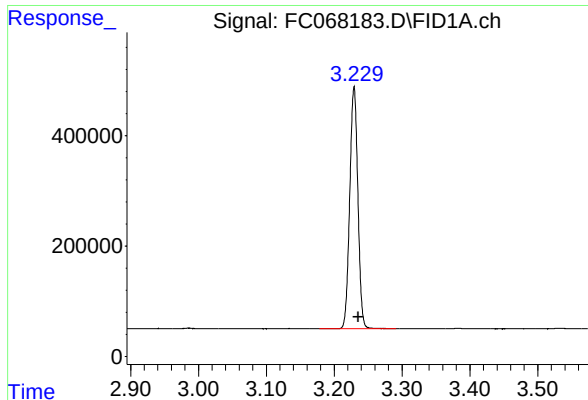
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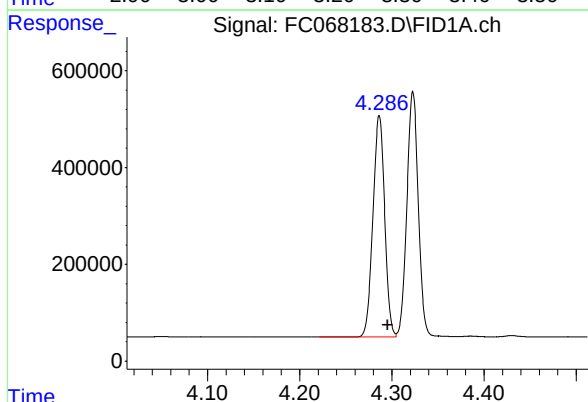
#1 n-Nonane (C9)

R.T.: 3.229 min
Delta R.T.: -0.007 min
Response: 3652632
Conc: 26.67 ug/ml

Instrument :
FID_C
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VNJ-231MS

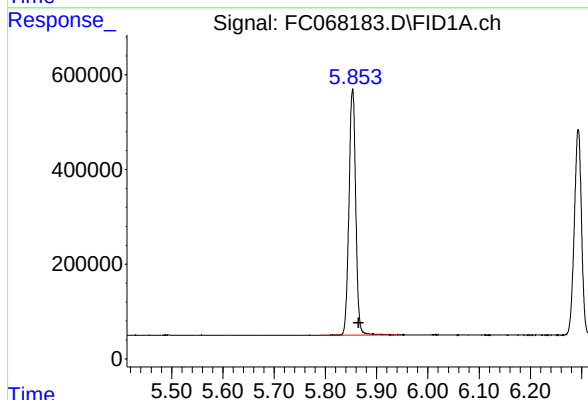
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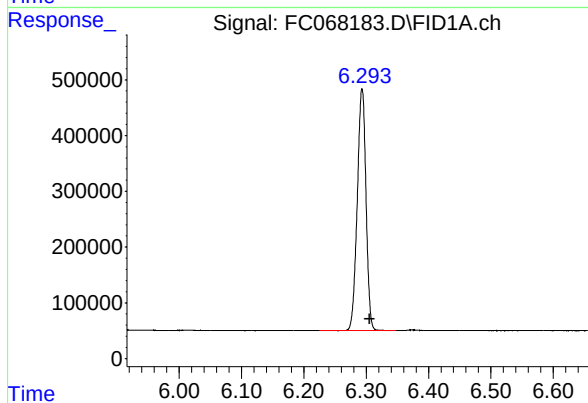
#2 n-Decane (C10)

R.T.: 4.286 min
Delta R.T.: -0.009 min
Response: 4036379
Conc: 29.07 ug/ml



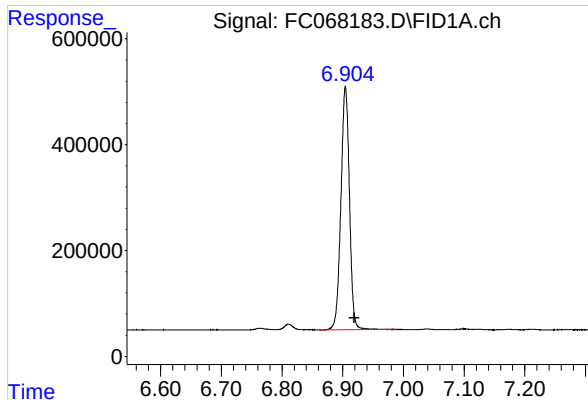
#3 A~Naphthalene (C11.7)

R.T.: 5.853 min
Delta R.T.: -0.012 min
Response: 4763320
Conc: 31.73 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.293 min
Delta R.T.: -0.012 min
Response: 4229603
Conc: 30.28 ug/ml



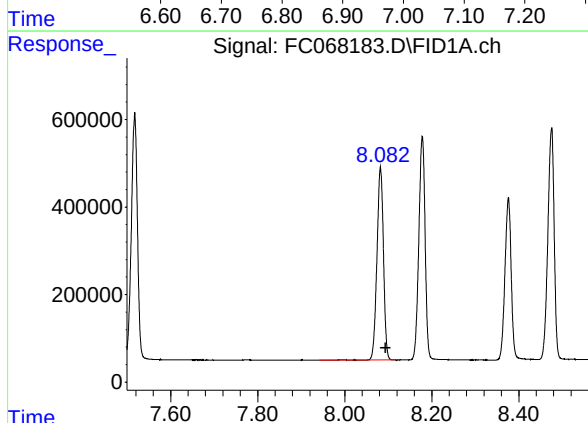
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.905 min
Delta R.T.: -0.015 min
Response: 4498324
Conc: 31.32 ug/ml

Instrument :
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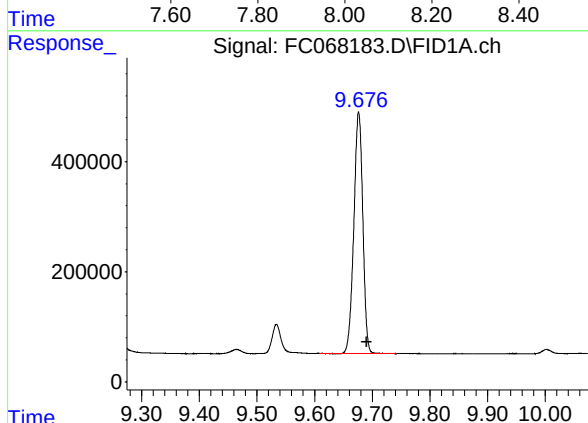
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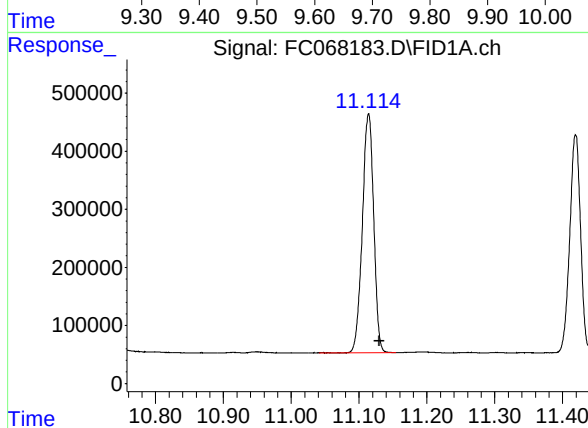
#6 n-Tetradecane (C14)

R.T.: 8.082 min
Delta R.T.: -0.012 min
Response: 4558942
Conc: 33.40 ug/ml



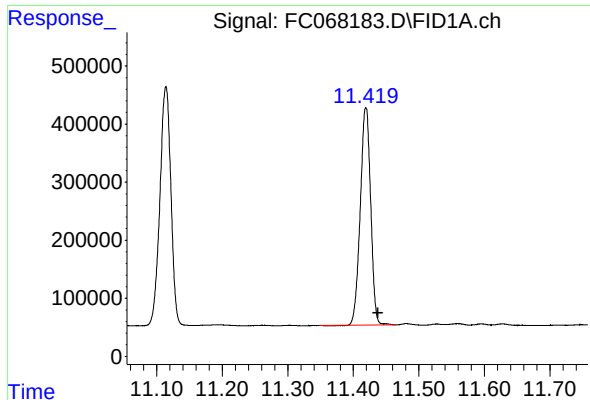
#7 n-Hexadecane (C16)

R.T.: 9.677 min
Delta R.T.: -0.014 min
Response: 4757839
Conc: 34.24 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.114 min
Delta R.T.: -0.016 min
Response: 4783308
Conc: 34.19 ug/ml



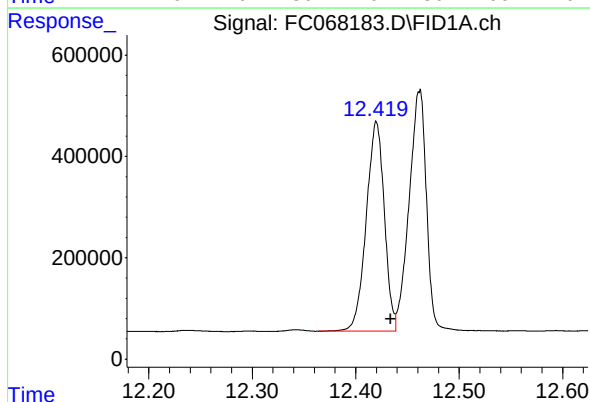
#9 ortho-Terphenyl (SURR)

R.T.: 11.419 min
Delta R.T.: -0.018 min
Response: 4139435
Conc: 26.49 ug/ml

Instrument :
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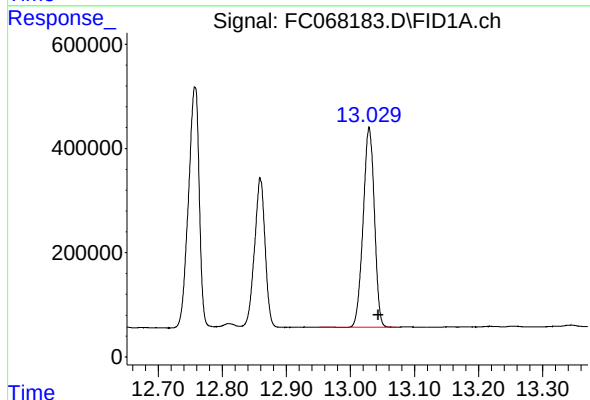
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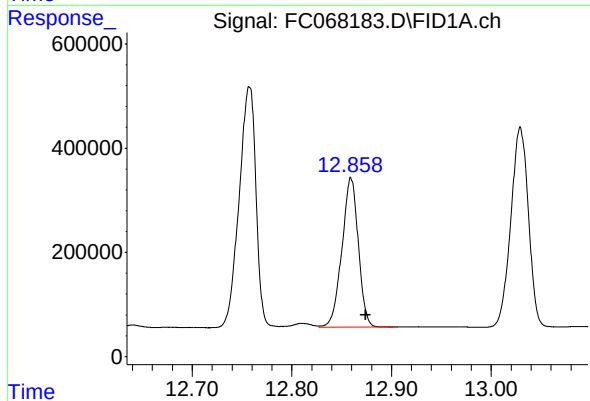
#10 n-Eicosane (C20)

R.T.: 12.420 min
Delta R.T.: -0.014 min
Response: 5018850
Conc: 37.51 ug/ml



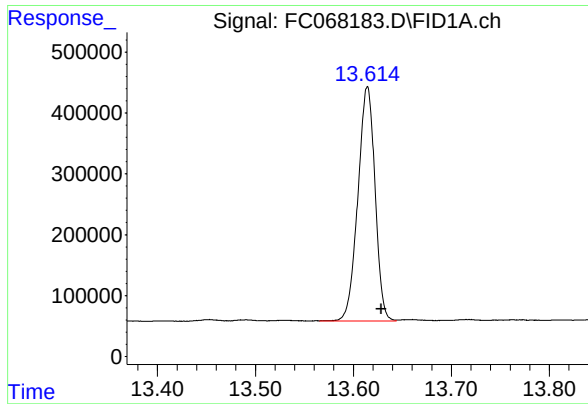
#11 n-Heneicosane (C21)

R.T.: 13.029 min
Delta R.T.: -0.014 min
Response: 4677630
Conc: 35.61 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.859 min
Delta R.T.: -0.015 min
Response: 3281891
Conc: 28.54 ug/ml



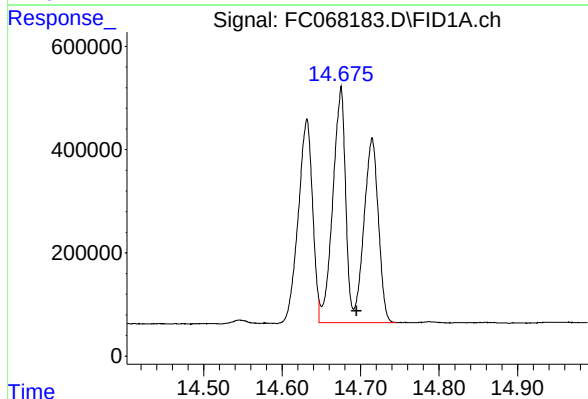
#13 n-Docosane (C22)

R.T.: 13.614 min
Delta R.T.: -0.014 min
Response: 4684233
Conc: 36.16 ug/ml

Instrument :
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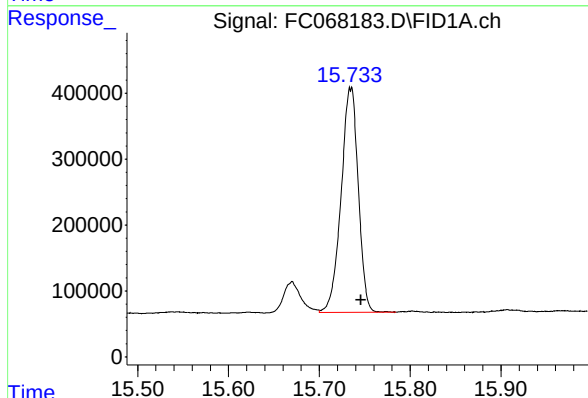
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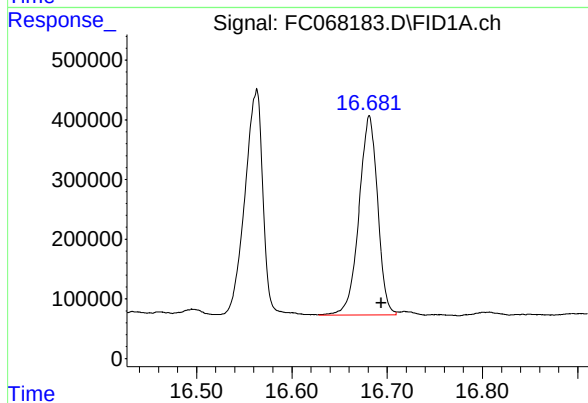
#14 n-Tetracosane (C24)

R.T.: 14.675 min
Delta R.T.: -0.020 min
Response: 9657075
Conc: 75.22 ug/ml m



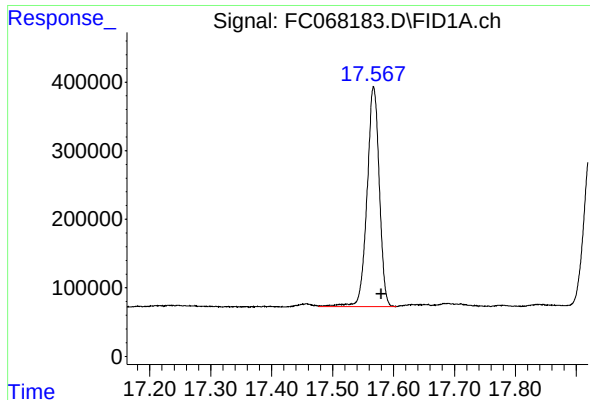
#15 n-Hexacosane (C26)

R.T.: 15.734 min
Delta R.T.: -0.012 min
Response: 4488484
Conc: 35.67 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.681 min
Delta R.T.: -0.013 min
Response: 4554150
Conc: 36.41 ug/ml m



#17 n-Tricontane (C30)

R.T.: 17.567 min
Delta R.T.: -0.013 min
Response: 4484367
Conc: 34.69 ug/ml

Instrument :

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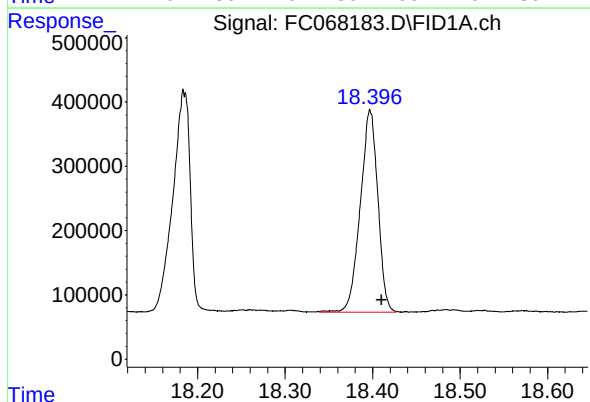
ClientSampleId :

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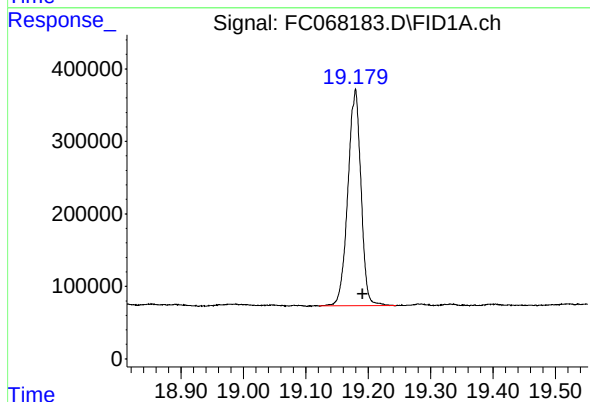
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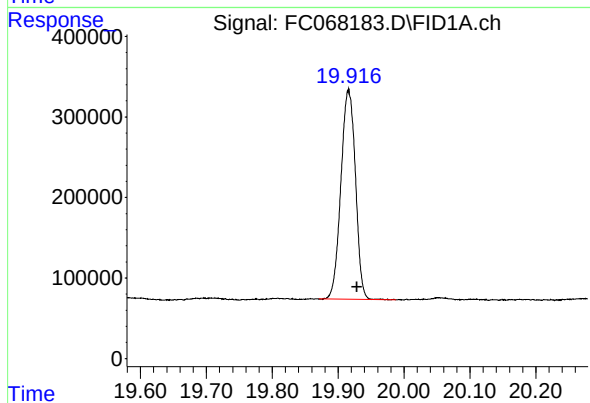
#18 n-Dotriacontane (C32)

R.T.: 18.396 min
Delta R.T.: -0.014 min
Response: 4385104
Conc: 35.08 ug/ml



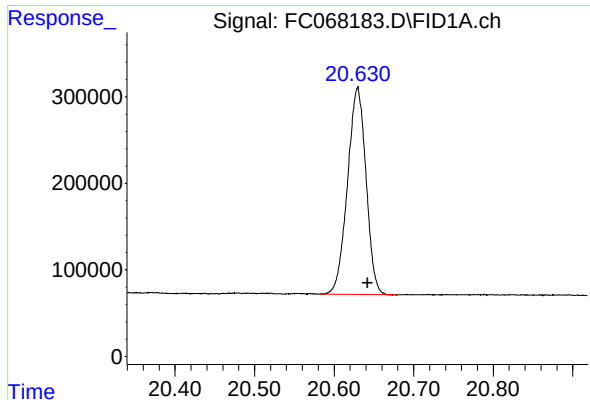
#19 n-Tetatriacontane (C34)

R.T.: 19.179 min
Delta R.T.: -0.012 min
Response: 4374206
Conc: 40.32 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.916 min
Delta R.T.: -0.012 min
Response: 3991388
Conc: 43.13 ug/ml



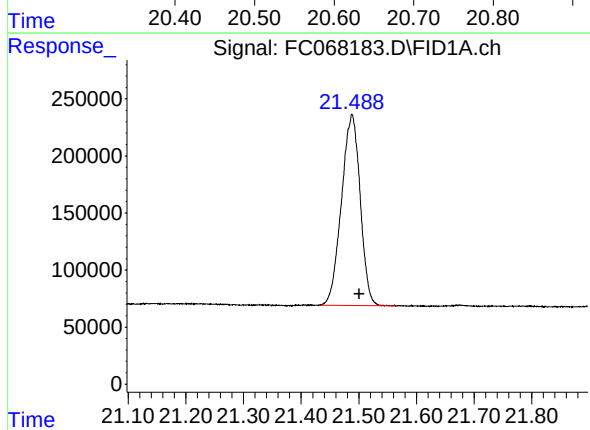
#21 n-Octatriacontane (C38)

R.T.: 20.629 min
Delta R.T.: -0.013 min
Response: 3870000
Conc: 45.16 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.488 min
Delta R.T.: -0.013 min
Response: 3775131
Conc: 46.69 ug/ml