

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091824AL\
 Data File : FC067148.D
 Signal(s) : FID1A.ch
 Acq On : 18 Sep 2024 13:12
 Operator : YP/AJ
 Sample : PB163482BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB163482BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 09/19/2024

Supervised By :Ankita Jodhani 09/19/2024

Integration File: autoint1.e

Quant Time: Sep 19 04:04:26 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091024.M

Quant Title : GC Extractables

QLast Update : Wed Sep 11 02:55:44 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)	11.508	5766953	41.416 ug/ml
Spiked Amount 50.000		Recovery =	82.83%
12) S 1-chlorooctadecane (S...	12.945	4351205	44.543 ug/ml
Spiked Amount 50.000		Recovery =	89.09%
Target Compounds			
1) T n-Nonane (C9)	3.288	5050674	38.076 ug/ml
2) T n-Decane (C10)	4.349	5522233	41.116 ug/ml
3) T A~Naphthalene (C11.7)	5.924	6126432	43.106 ug/ml
4) T n-Dodecane (C12)	6.362	5807686	43.388 ug/ml
5) T A~2-methylnaphthalene...	6.980	5584611	41.821 ug/ml
6) T n-Tetradecane (C14)	8.157	6070933	47.107 ug/ml
7) T n-Hexadecane (C16)	9.755	6005269	46.579 ug/ml
8) T n-Octadecane (C18)	11.196	5919303	46.266 ug/ml
10) T n-Eicosane (C20)	12.504	5848225	48.689 ug/ml
11) T n-Heneicosane (C21)	13.115	5577040	47.751 ug/ml
13) T n-Docosane (C22)	13.701	5499126	47.628 ug/ml
14) T n-Tetracosane (C24)	14.802	10380517	91.409 ug/mlm
15) T n-Hexacosane (C26)	15.823	5298831	47.811 ug/ml
16) T n-Octacosane (C28)	16.768	5151050	47.686 ug/mlm
17) T n-Tricontane (C30)	17.658	5214241	47.936 ug/ml
18) T n-Dotriacontane (C32)	18.488	5129167	49.174 ug/ml
19) T n-Tetratriacontane (C34)	19.273	4958088	53.741 ug/ml
20) T n-Hexatriacontane (C36)	20.009	4487438	56.626 ug/ml
21) T n-Octatriacontane (C38)	20.733	4000227	53.254 ug/ml
22) T n-Tetracontane (C40)	21.625	3127718	44.768 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

```
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Sample    : PB163482BS  
Misc      :  
ALS Vial  : 13 Sample Multiplier: 1
```

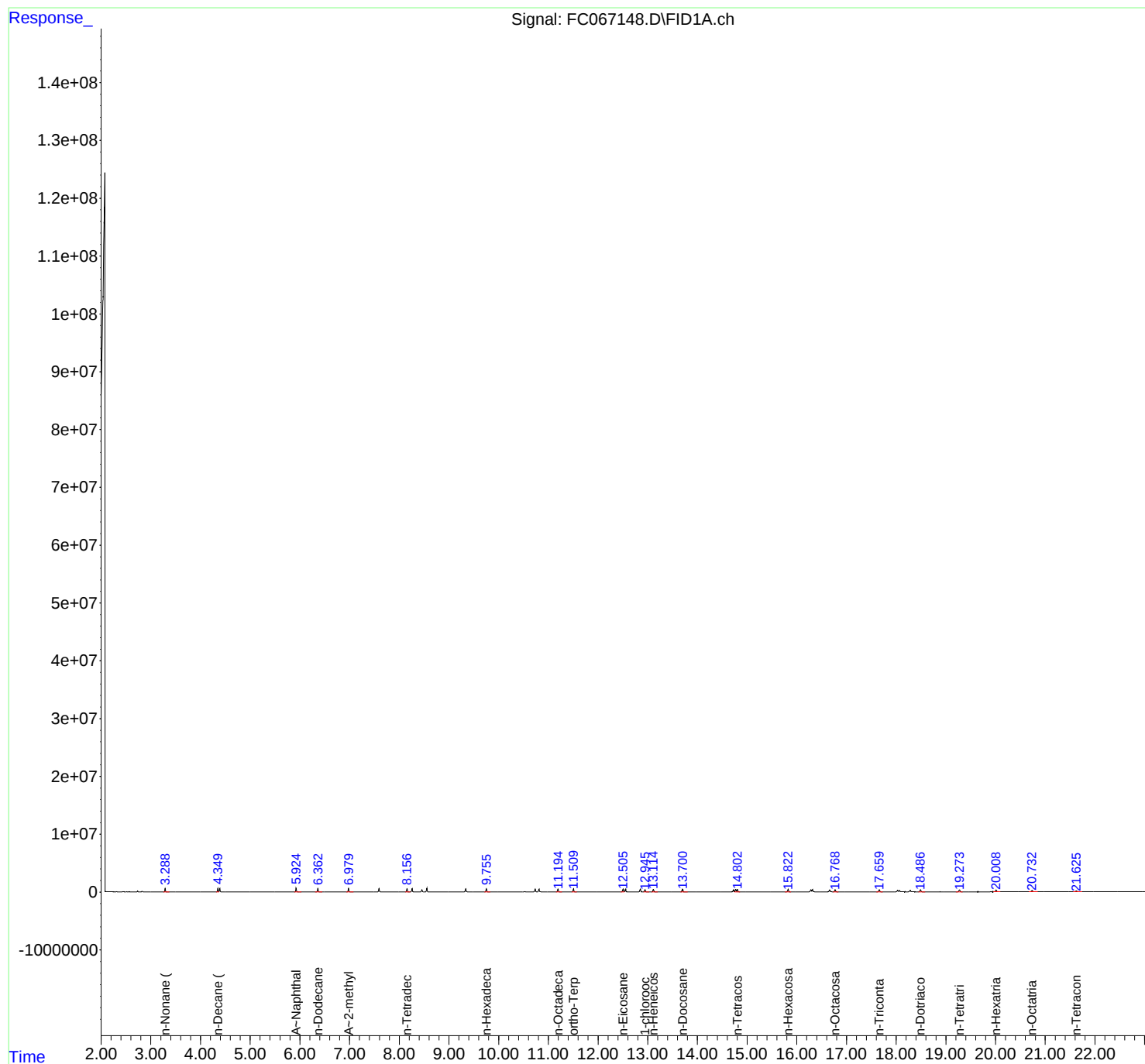
Instrument :
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ClientSampleId :
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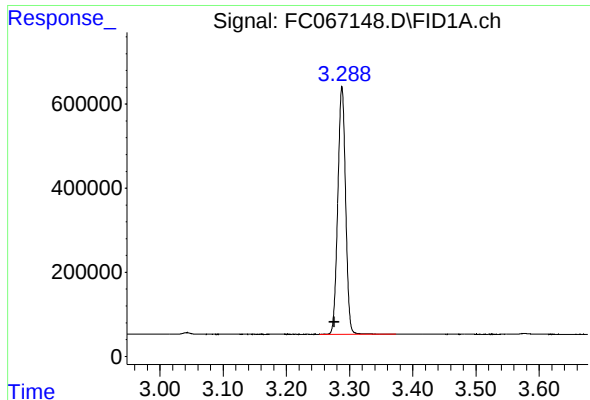
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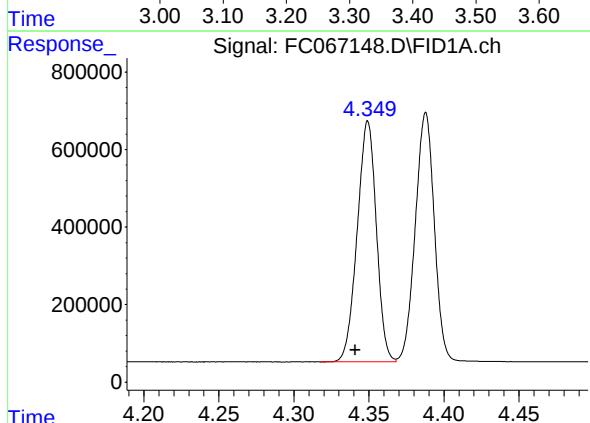
#1 n-Nonane (C9)

R.T.: 3.288 min
Delta R.T.: 0.012 min
Response: 5050674
Conc: 38.08 ug/ml

Instrument :
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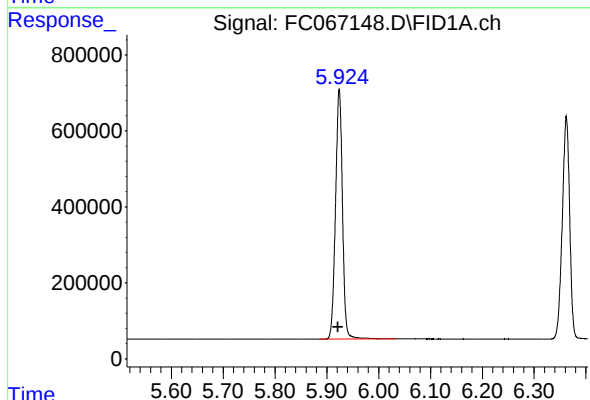
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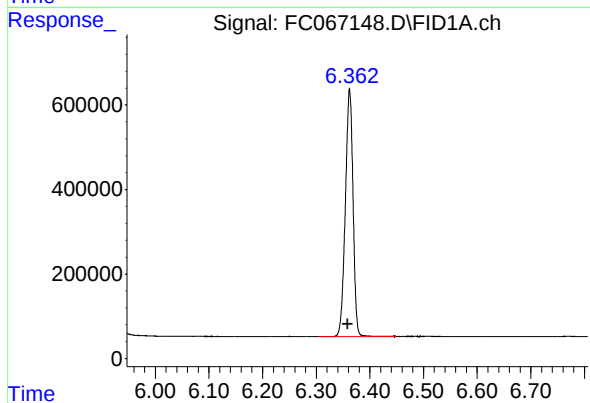
#2 n-Decane (C10)

R.T.: 4.349 min
Delta R.T.: 0.008 min
Response: 5522233
Conc: 41.12 ug/ml



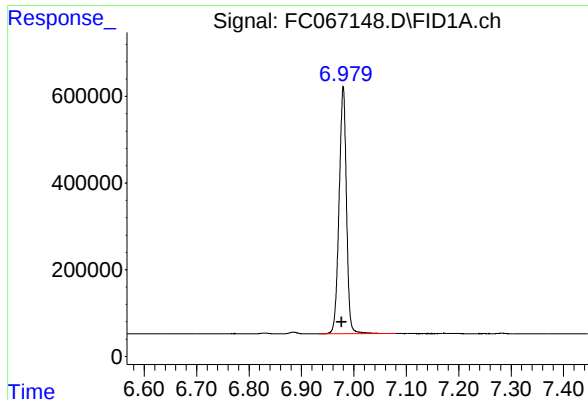
#3 A~Naphthalene (C11.7)

R.T.: 5.924 min
Delta R.T.: 0.003 min
Response: 6126432
Conc: 43.11 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.362 min
Delta R.T.: 0.004 min
Response: 5807686
Conc: 43.39 ug/ml



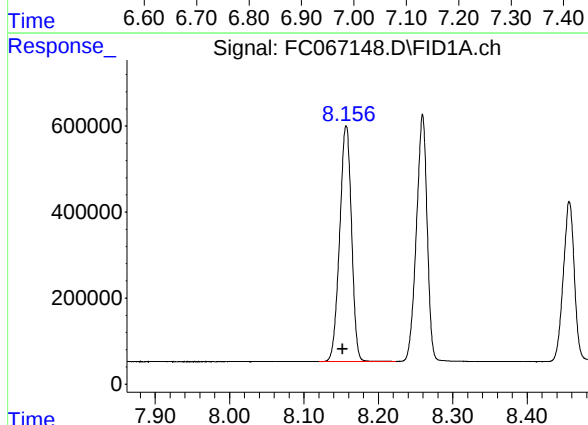
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.980 min
Delta R.T.: 0.002 min
Response: 5584611
Conc: 41.82 ug/ml

Instrument :
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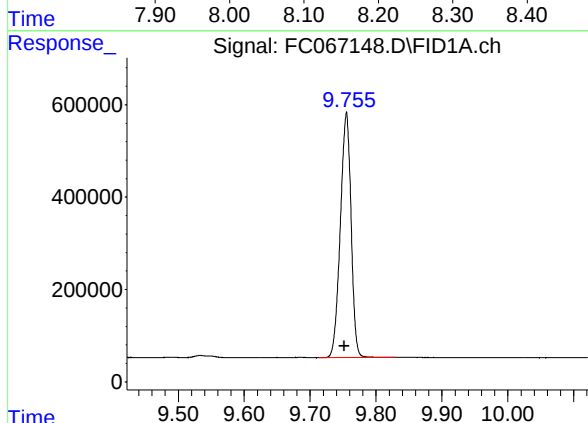
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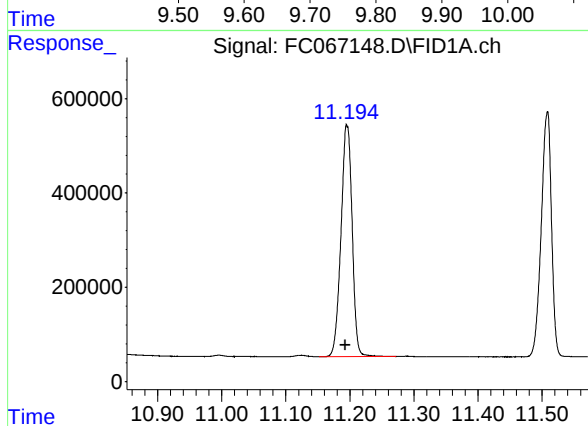
#6 n-Tetradecane (C14)

R.T.: 8.157 min
Delta R.T.: 0.005 min
Response: 6070933
Conc: 47.11 ug/ml



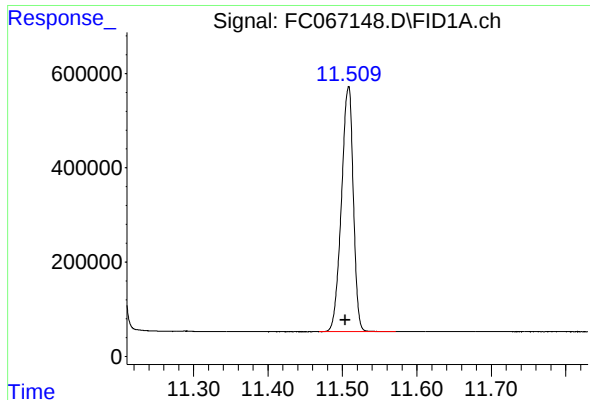
#7 n-Hexadecane (C16)

R.T.: 9.755 min
Delta R.T.: 0.003 min
Response: 6005269
Conc: 46.58 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.196 min
Delta R.T.: 0.003 min
Response: 5919303
Conc: 46.27 ug/ml



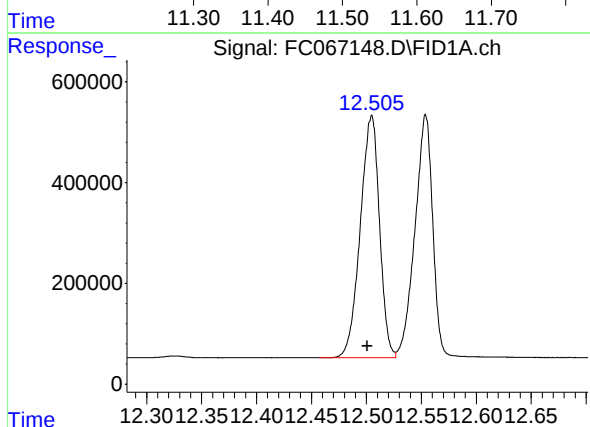
#9 ortho-Terphenyl (SURR)

R.T.: 11.508 min
Delta R.T.: 0.004 min
Response: 5766953
Conc: 41.42 ug/ml

Instrument :
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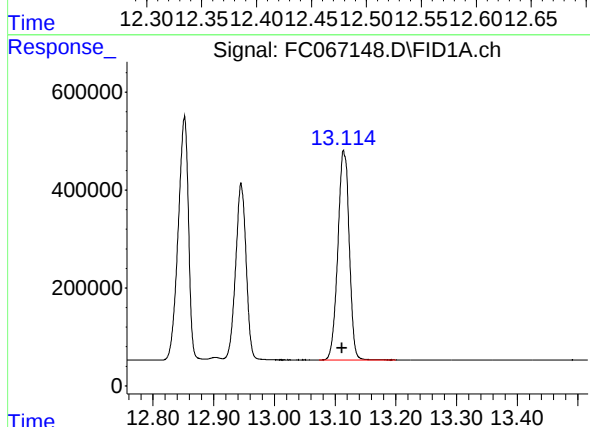
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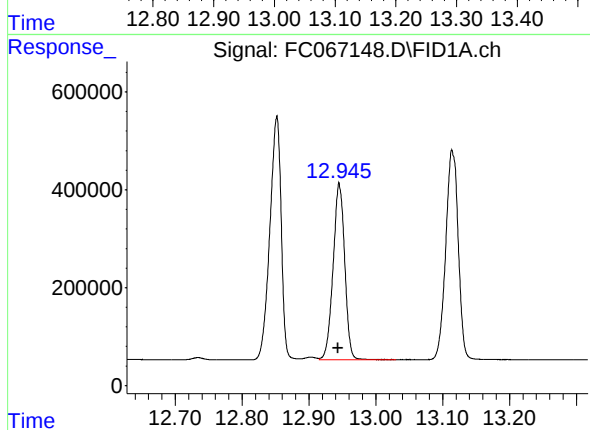
#10 n-Eicosane (C20)

R.T.: 12.504 min
Delta R.T.: 0.003 min
Response: 5848225
Conc: 48.69 ug/ml



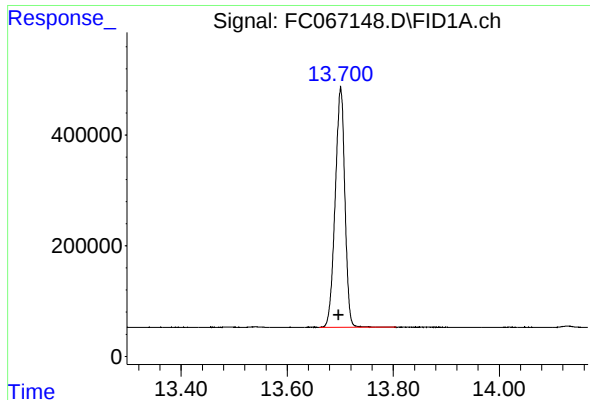
#11 n-Heneicosane (C21)

R.T.: 13.115 min
Delta R.T.: 0.003 min
Response: 5577040
Conc: 47.75 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.945 min
Delta R.T.: 0.002 min
Response: 4351205
Conc: 44.54 ug/ml



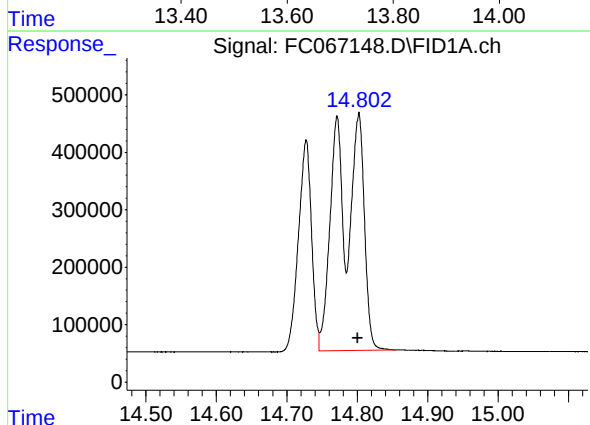
#13 n-Docosane (C22)

R.T.: 13.701 min
Delta R.T.: 0.004 min
Response: 5499126
Conc: 47.63 ug/ml

Instrument :
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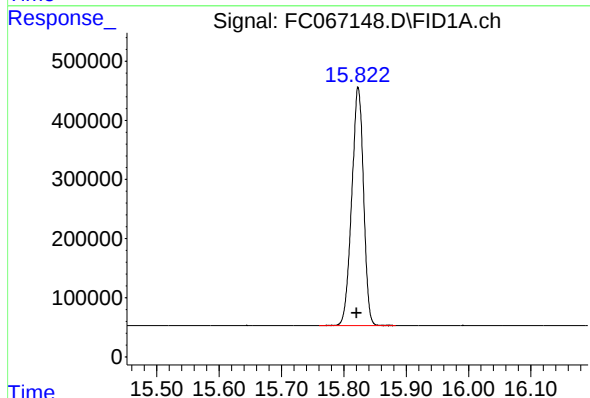
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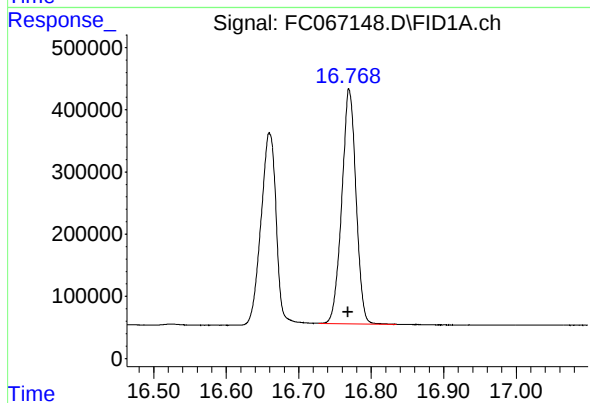
#14 n-Tetracosane (C24)

R.T.: 14.802 min
Delta R.T.: 0.002 min
Response: 10380517
Conc: 91.41 ug/ml m



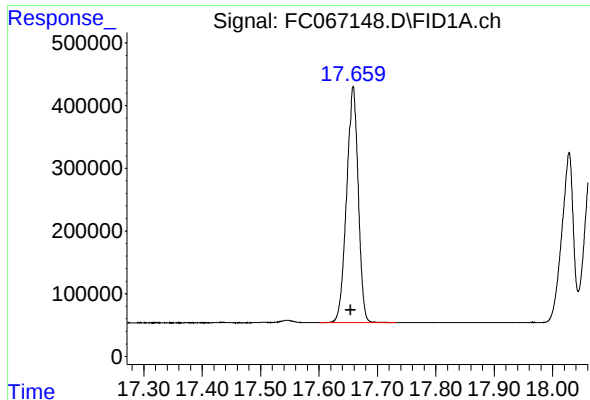
#15 n-Hexacosane (C26)

R.T.: 15.823 min
Delta R.T.: 0.003 min
Response: 5298831
Conc: 47.81 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.768 min
Delta R.T.: 0.000 min
Response: 5151050
Conc: 47.69 ug/ml m



#17 n-Tricontane (C30)

R.T.: 17.658 min
Delta R.T.: 0.004 min
Response: 5214241
Conc: 47.94 ug/ml

Instrument :

FID_C

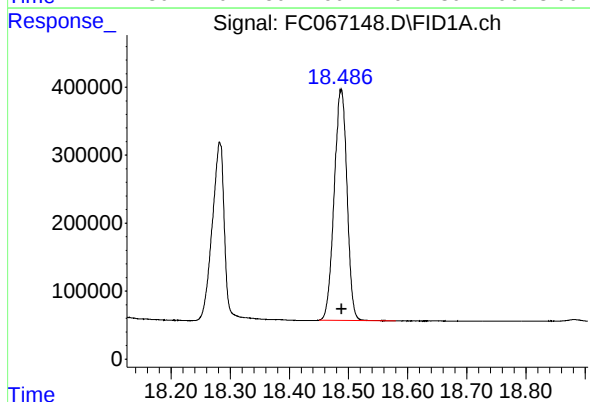
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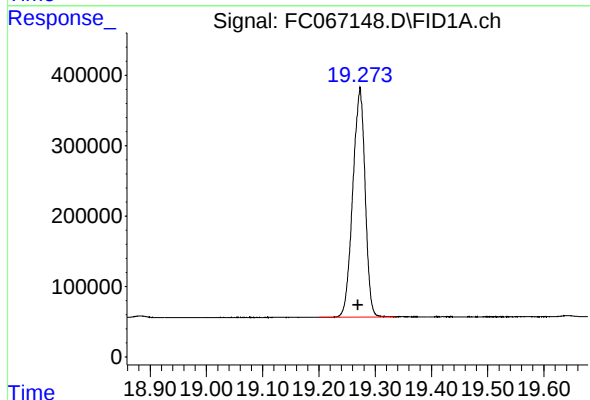
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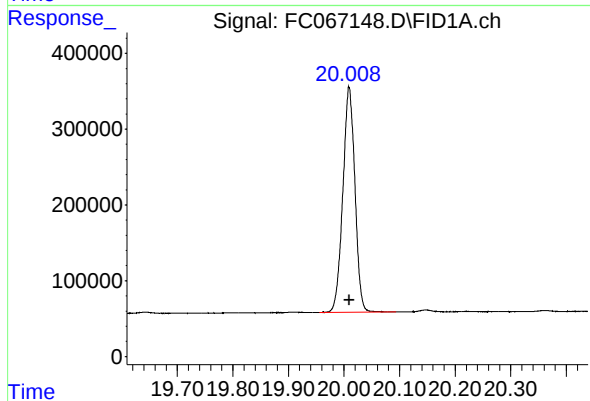
#18 n-Dotriacontane (C32)

R.T.: 18.488 min
Delta R.T.: 0.000 min
Response: 5129167
Conc: 49.17 ug/ml



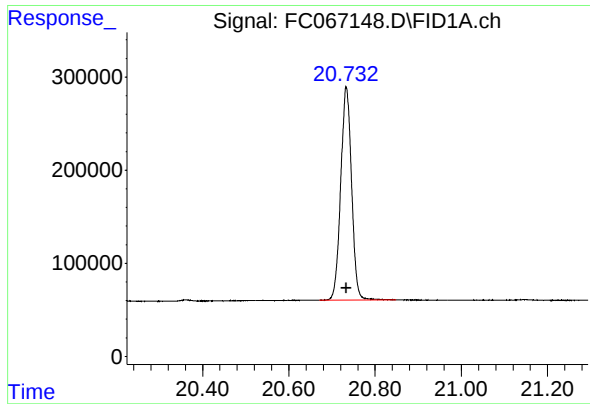
#19 n-Tetratriacontane (C34)

R.T.: 19.273 min
Delta R.T.: 0.003 min
Response: 4958088
Conc: 53.74 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.009 min
Delta R.T.: 0.000 min
Response: 4487438
Conc: 56.63 ug/ml



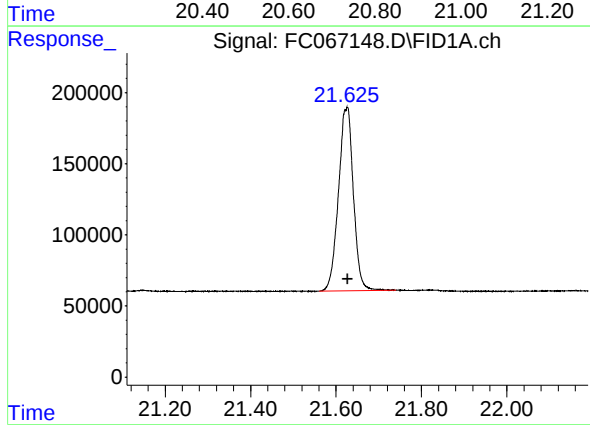
#21 n-Octatriacontane (C38)

R.T.: 20.733 min
Delta R.T.: 0.000 min
Response: 4000227
Conc: 53.25 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.625 min
Delta R.T.: -0.002 min
Response: 3127718
Conc: 44.77 ug/ml