

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120324AL\
 Data File : FC067904.D
 Signal(s) : FID1A.ch
 Acq On : 03 Dec 2024 14:21
 Operator : YP/AJ
 Sample : PB165336BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB165336BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 12/04/2024

Supervised By :Ankita Jodhani 12/04/2024

Integration File: autoint1.e

Quant Time: Dec 03 22:59:11 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111424.M

Quant Title : GC Extractables

QLast Update : Thu Nov 14 14:13:15 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)	11.505	6124374	31.589 ug/ml
Spiked Amount 50.000		Recovery =	63.18%
12) S 1-chlorooctadecane (S...	12.941	4863063	33.501 ug/ml
Spiked Amount 50.000		Recovery =	67.00%
Target Compounds			
1) T n-Nonane (C9)	3.301	5455341	33.445 ug/ml
2) T n-Decane (C10)	4.360	5787908	34.902 ug/ml
3) T A~Naphthalene (C11.7)	5.933	6626646	36.180 ug/ml
4) T n-Dodecane (C12)	6.368	5969648	35.443 ug/ml
5) T A~2-methylnaphthalene...	6.986	6103809	34.416 ug/ml
6) T n-Tetradecane (C14)	8.159	6024058	35.971 ug/ml
7) T n-Hexadecane (C16)	9.754	5962350	34.405 ug/ml
8) T n-Octadecane (C18)	11.193	5961385	33.883 ug/ml
10) T n-Eicosane (C20)	12.499	5989846	35.572 ug/ml
11) T n-Heneicosane (C21)	13.110	5722046	34.776 ug/ml
13) T n-Docosane (C22)	13.695	5667490	34.801 ug/ml
14) T n-Tetracosane (C24)	14.768	11476557	71.558 ug/mlm
15) T n-Hexacosane (C26)	15.814	5383551	34.764 ug/ml
16) T n-Octacosane (C28)	16.761	5282748	34.980 ug/ml
17) T n-Tricontane (C30)	17.649	5189523	33.894 ug/ml
18) T n-Dotriacontane (C32)	18.478	4953809	33.542 ug/ml
19) T n-Tetratriacontane (C34)	19.258	4530796	35.922 ug/ml
20) T n-Hexatriacontane (C36)	19.997	3706531	35.440 ug/ml
21) T n-Octatriacontane (C38)	20.719	3059266	31.318 ug/ml
22) T n-Tetracontane (C40)	21.603	2589545	26.569 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB165336BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

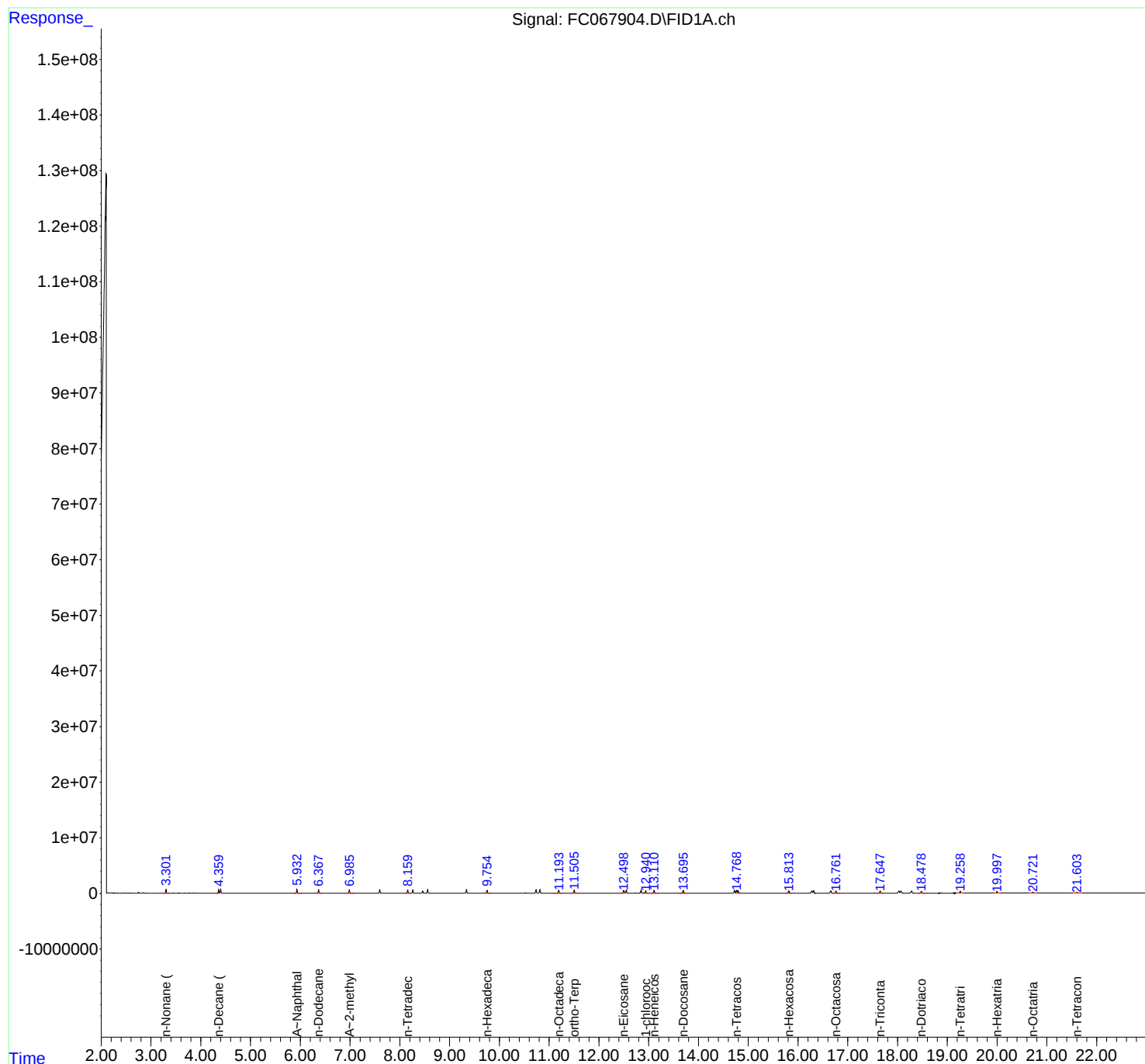
Instrument :
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PB165336BSD

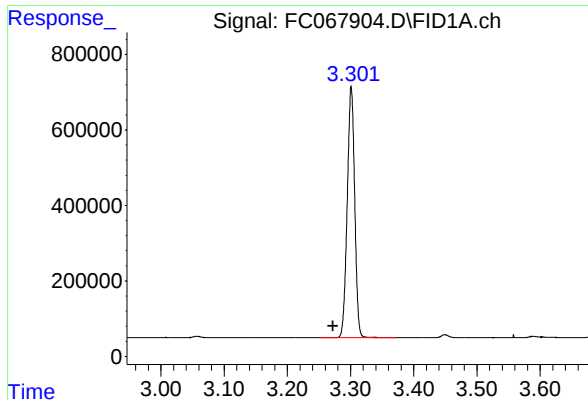
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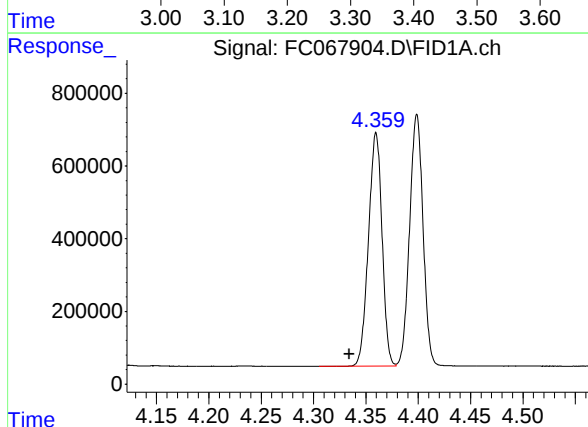
#1 n-Nonane (C9)

R.T.: 3.301 min
Delta R.T.: 0.029 min
Response: 5455341
Conc: 33.44 ug/ml

Instrument :
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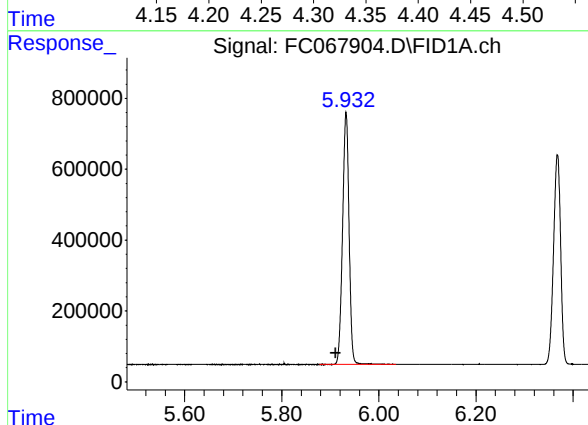
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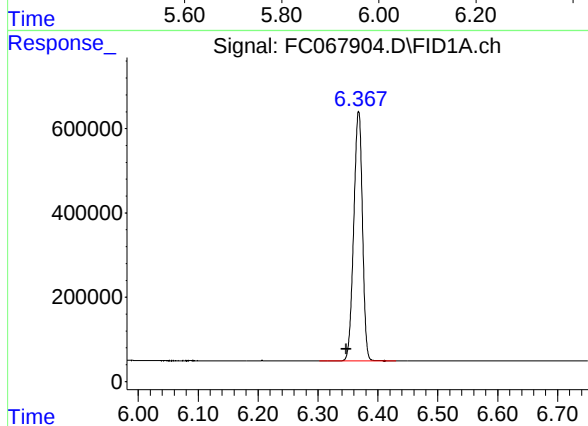
#2 n-Decane (C10)

R.T.: 4.360 min
Delta R.T.: 0.025 min
Response: 5787908
Conc: 34.90 ug/ml



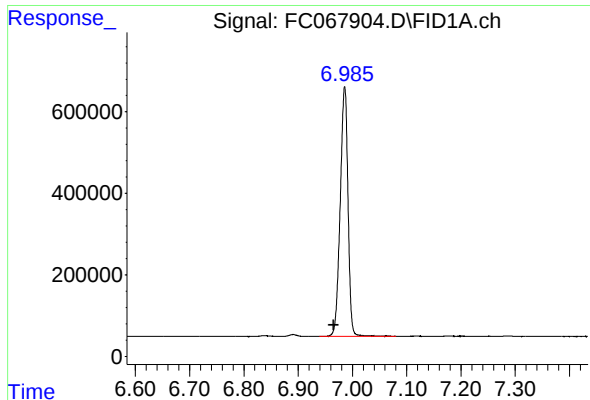
#3 A~Naphthalene (C11.7)

R.T.: 5.933 min
Delta R.T.: 0.022 min
Response: 6626646
Conc: 36.18 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.368 min
Delta R.T.: 0.020 min
Response: 5969648
Conc: 35.44 ug/ml



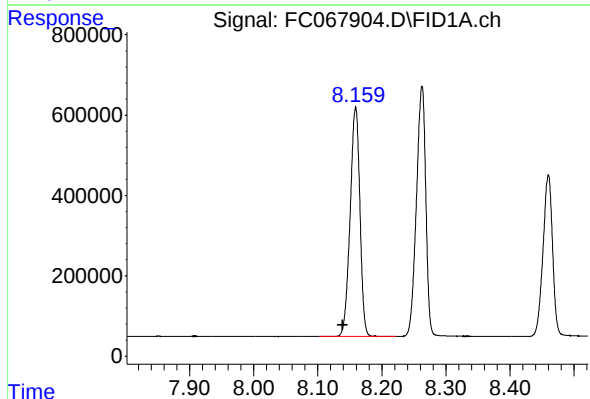
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.986 min
Delta R.T.: 0.021 min
Response: 6103809
Conc: 34.42 ug/ml

Instrument :
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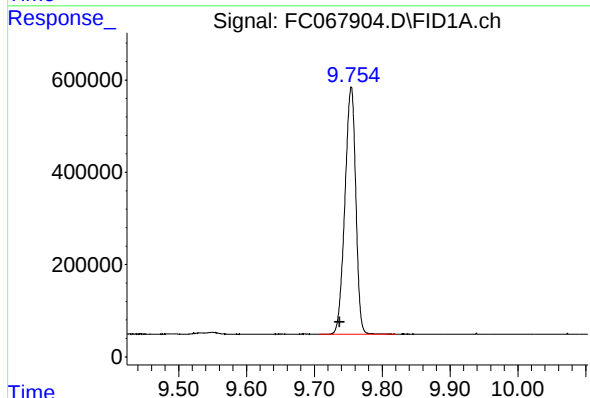
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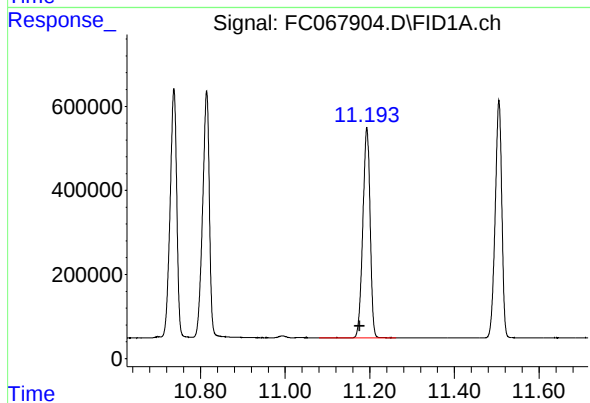
#6 n-Tetradecane (C14)

R.T.: 8.159 min
Delta R.T.: 0.020 min
Response: 6024058
Conc: 35.97 ug/ml



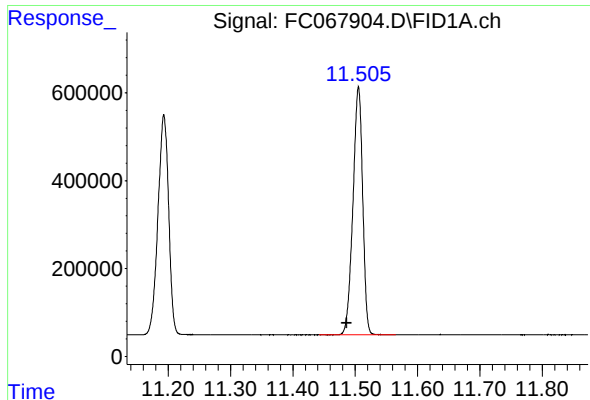
#7 n-Hexadecane (C16)

R.T.: 9.754 min
Delta R.T.: 0.017 min
Response: 5962350
Conc: 34.41 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.193 min
Delta R.T.: 0.017 min
Response: 5961385
Conc: 33.88 ug/ml



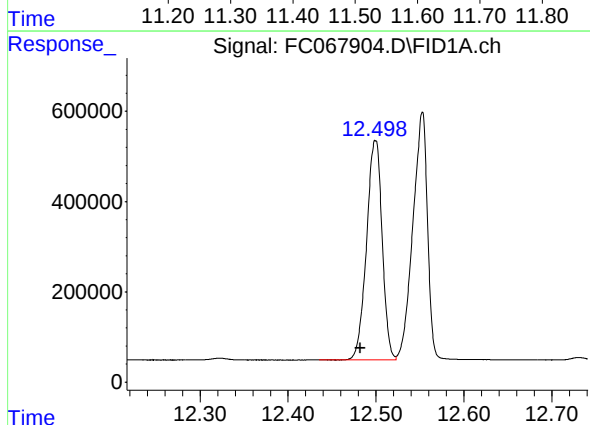
#9 ortho-Terphenyl (SURR)

R.T.: 11.505 min
Delta R.T.: 0.019 min
Response: 6124374
Conc: 31.59 ug/ml

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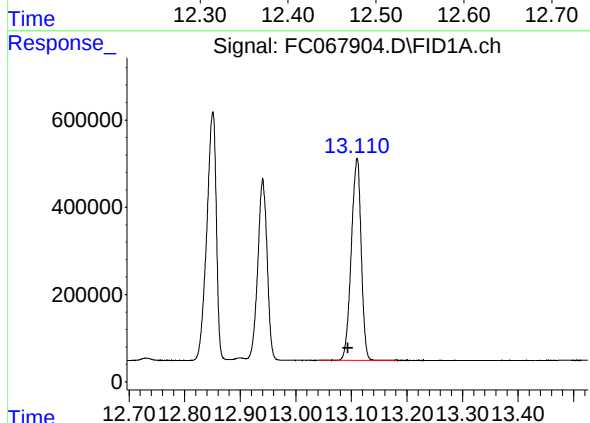
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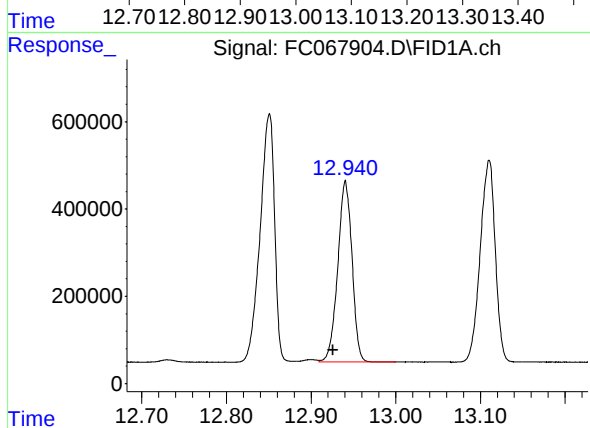
#10 n-Eicosane (C20)

R.T.: 12.499 min
Delta R.T.: 0.017 min
Response: 5989846
Conc: 35.57 ug/ml



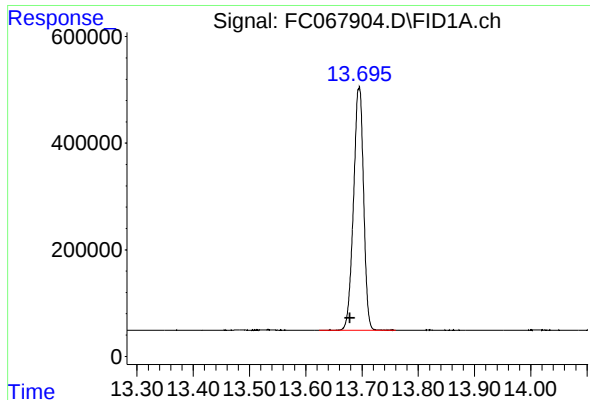
#11 n-Heneicosane (C21)

R.T.: 13.110 min
Delta R.T.: 0.016 min
Response: 5722046
Conc: 34.78 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.941 min
Delta R.T.: 0.015 min
Response: 4863063
Conc: 33.50 ug/ml



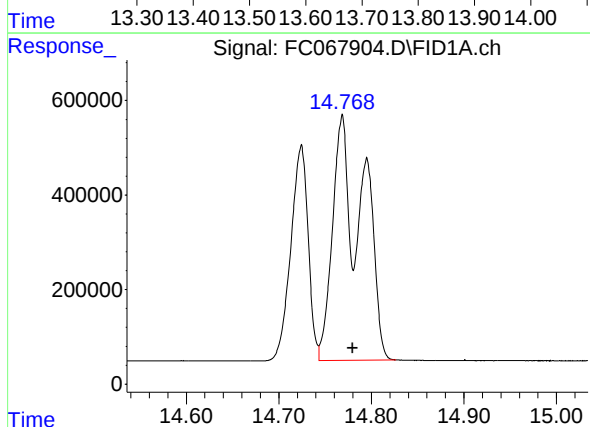
#13 n-Docosane (C22)

R.T.: 13.695 min
Delta R.T.: 0.016 min
Response: 5667490
Conc: 34.80 ug/ml

Instrument :
FID_C
ClientSampleId :
PB165336BSD

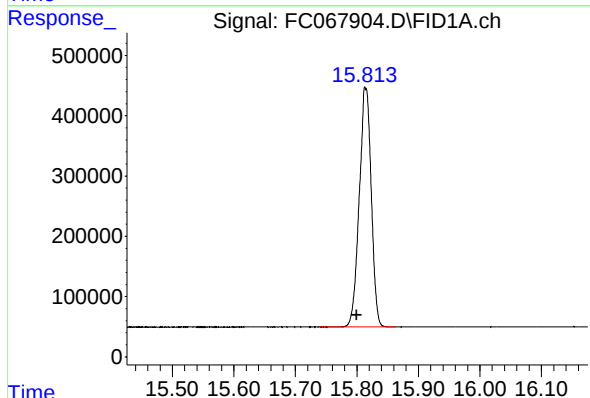
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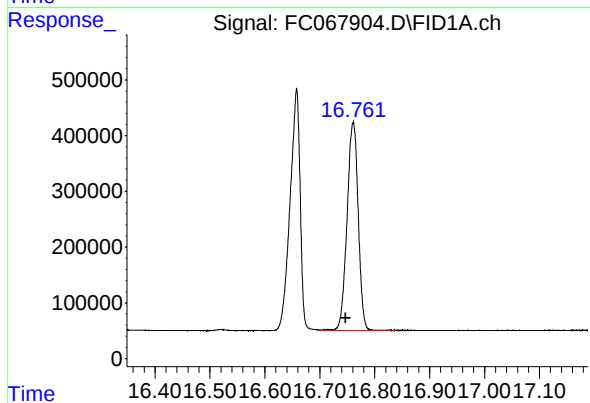
#14 n-Tetracosane (C24)

R.T.: 14.768 min
Delta R.T.: -0.012 min
Response: 11476557
Conc: 71.56 ug/ml



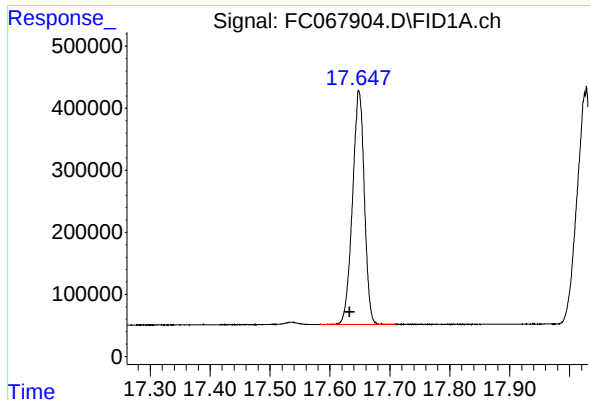
#15 n-Hexacosane (C26)

R.T.: 15.814 min
Delta R.T.: 0.015 min
Response: 5383551
Conc: 34.76 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.761 min
Delta R.T.: 0.014 min
Response: 5282748
Conc: 34.98 ug/ml



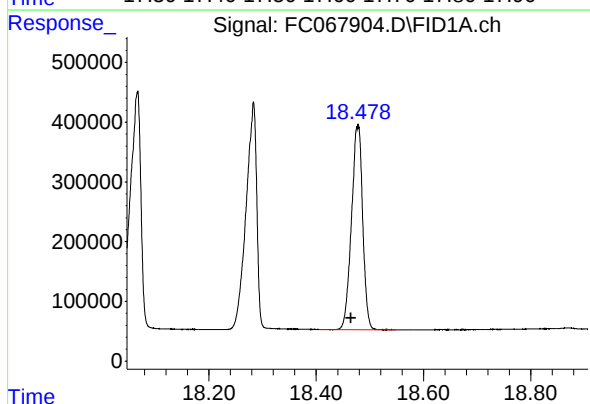
#17 n-Tricontane (C30)

R.T.: 17.649 min
Delta R.T.: 0.015 min
Response: 5189523
Conc: 33.89 ug/ml

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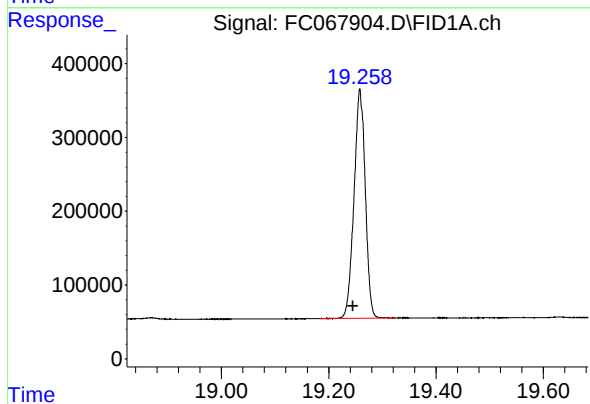
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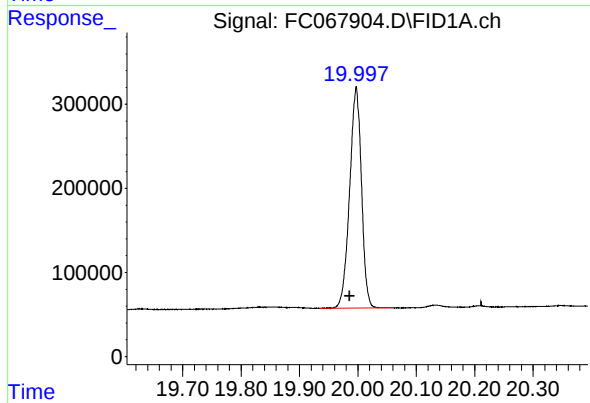
#18 n-Dotriacontane (C32)

R.T.: 18.478 min
Delta R.T.: 0.013 min
Response: 4953809
Conc: 33.54 ug/ml



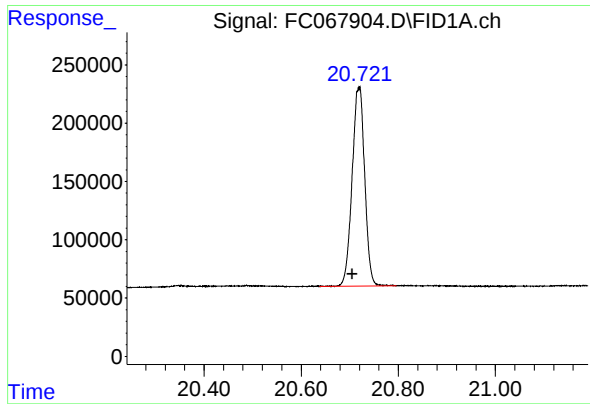
#19 n-Tetratriacontane (C34)

R.T.: 19.258 min
Delta R.T.: 0.013 min
Response: 4530796
Conc: 35.92 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.997 min
Delta R.T.: 0.011 min
Response: 3706531
Conc: 35.44 ug/ml



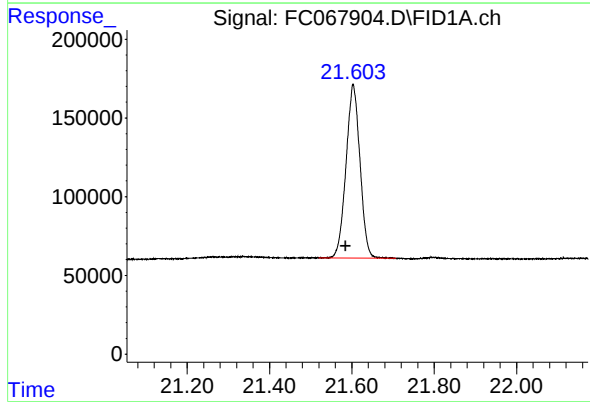
#21 n-Octatriacontane (C38)

R.T.: 20.719 min
Delta R.T.: 0.014 min
Response: 3059266
Conc: 31.32 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.603 min
Delta R.T.: 0.018 min
Response: 2589545
Conc: 26.57 ug/ml