

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC043024AL\
 Data File : FC066263.D
 Signal(s) : FID1A.ch
 Acq On : 30 Apr 2024 16:34
 Operator : YP/AJ
 Sample : PB160634BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB160634BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 05/01/2024

Supervised By :mohammad ahmed 05/02/2024

Integration File: autoint1.e

Quant Time: May 01 03:06:10 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)	11.564	4552904	32.971 ug/ml
Spiked Amount 50.000		Recovery =	65.94%
12) S 1-chlorooctadecane (S...	13.003	3385409	34.502 ug/ml
Spiked Amount 50.000		Recovery =	69.00%
Target Compounds			
1) T n-Nonane (C9)	3.333	4440257	34.491 ug/ml
2) T n-Decane (C10)	4.395	4591229	35.212 ug/ml
3) T A~Naphthalene (C11.7)	5.972	4979340	34.718 ug/ml
4) T n-Dodecane (C12)	6.409	4618856	35.671 ug/ml
5) T A~2-methylnaphthalene...	7.028	4804335	34.890 ug/ml
6) T n-Tetradecane (C14)	8.205	4511726	35.845 ug/ml
7) T n-Hexadecane (C16)	9.806	4394982	34.505 ug/ml
8) T n-Octadecane (C18)	11.251	4440971	34.890 ug/ml
10) T n-Eicosane (C20)	12.561	4421734	36.692 ug/ml
11) T n-Heneicosane (C21)	13.173	4293949	36.290 ug/ml
13) T n-Docosane (C22)	13.759	4273064	36.399 ug/ml
14) T n-Tetracosane (C24)	14.862	4079555	34.965 ug/ml
15) T n-Hexacosane (C26)	15.886	4268375	37.129 ug/ml
16) T n-Octacosane (C28)	16.834	4357348	38.448 ug/ml
17) T n-Tricontane (C30)	17.723	4378368	37.794 ug/ml
18) T n-Dotriacontane (C32)	18.556	4249685	37.014 ug/ml
19) T n-Tetratriacontane (C34)	19.339	3912043	35.622 ug/ml
20) T n-Hexatriacontane (C36)	20.078	3079477	29.834 ug/mlm
21) T n-Octatriacontane (C38)	20.814	2176402	22.326 ug/ml
22) T n-Tetracontane (C40)	21.724	1360364	15.033 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC043024AL\
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Operator : YP/AJ
Sample : PB160634BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

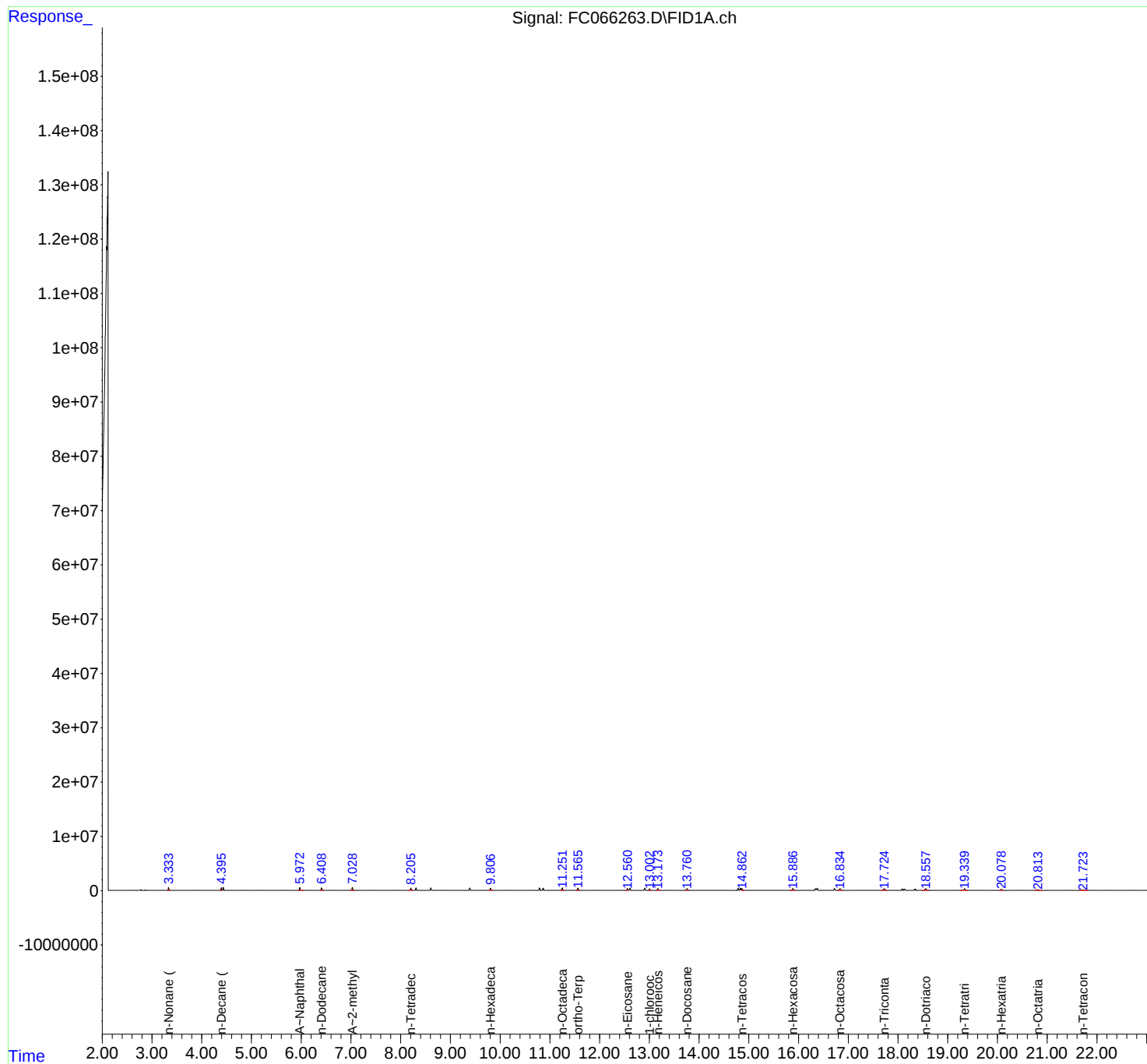
Instrument :
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PB160634BS

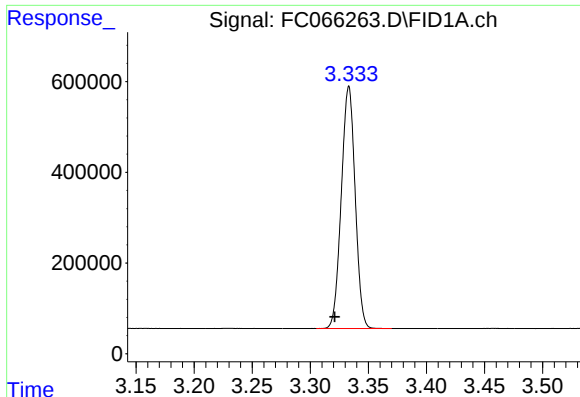
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.333 min
Delta R.T.: 0.012 min
Response: 4440257
Conc: 34.49 ug/ml

Instrument :

FID_C

ClientSampleId :

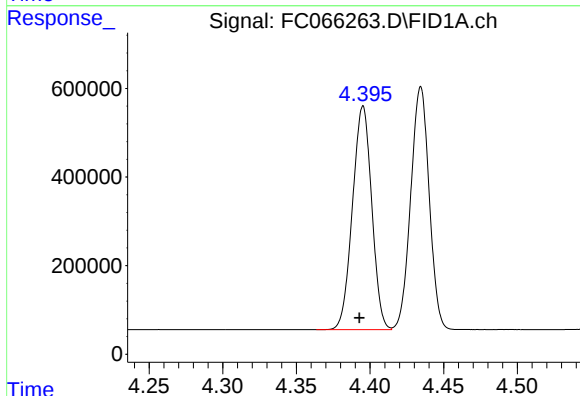
PB160634BS

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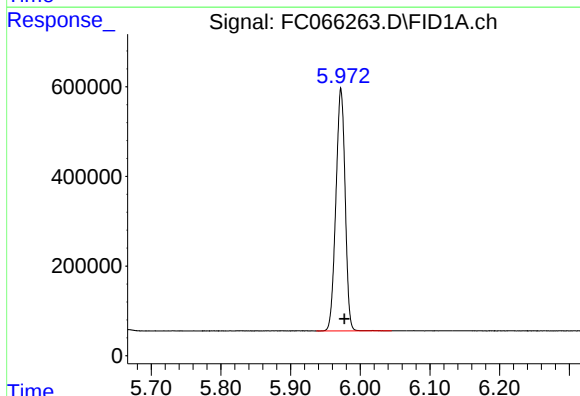
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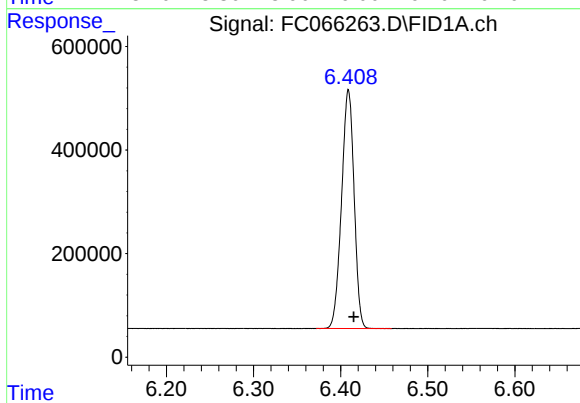
#2 n-Decane (C10)

R.T.: 4.395 min
Delta R.T.: 0.002 min
Response: 4591229
Conc: 35.21 ug/ml



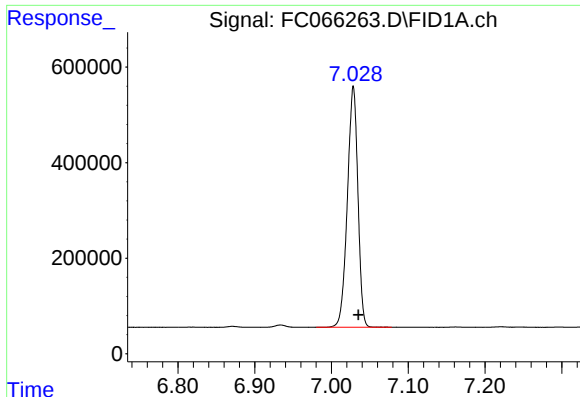
#3 A~Naphthalene (C11.7)

R.T.: 5.972 min
Delta R.T.: -0.005 min
Response: 4979340
Conc: 34.72 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.409 min
Delta R.T.: -0.006 min
Response: 4618856
Conc: 35.67 ug/ml



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

R.T.: 7.028 min
Delta R.T.: -0.007 min
Response: 4804335
Conc: 34.89 ug/ml

Instrument :

FID_C

ClientSampleId :

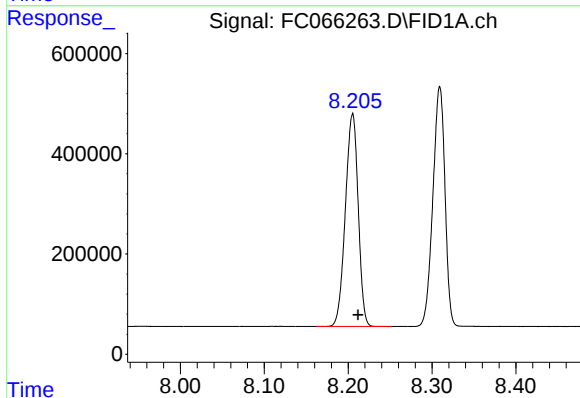
PB160634BS

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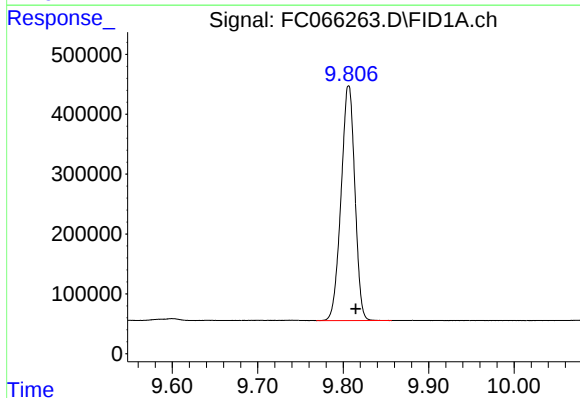
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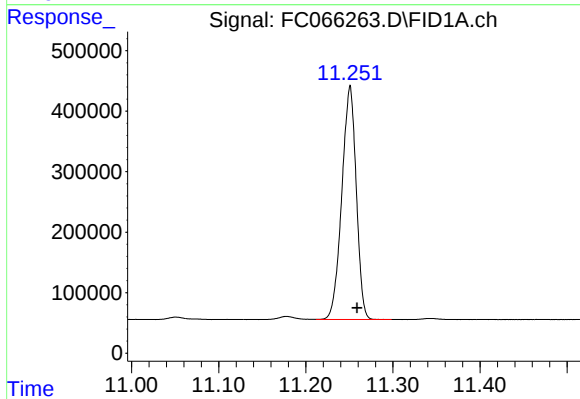
#6 n-Tetradecane (C14)

R.T.: 8.205 min
Delta R.T.: -0.007 min
Response: 4511726
Conc: 35.85 ug/ml



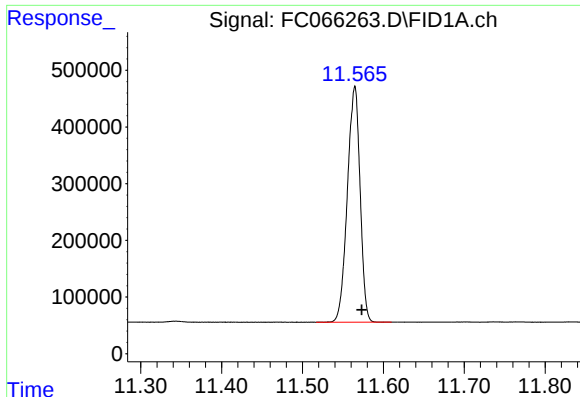
#7 n-Hexadecane (C16)

R.T.: 9.806 min
Delta R.T.: -0.008 min
Response: 4394982
Conc: 34.50 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.251 min
Delta R.T.: -0.008 min
Response: 4440971
Conc: 34.89 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.564 min
Delta R.T.: -0.009 min
Response: 4552904
Conc: 32.97 ug/ml

Instrument :

FID_C

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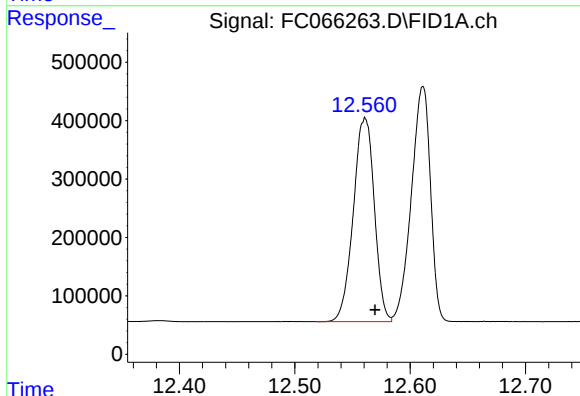
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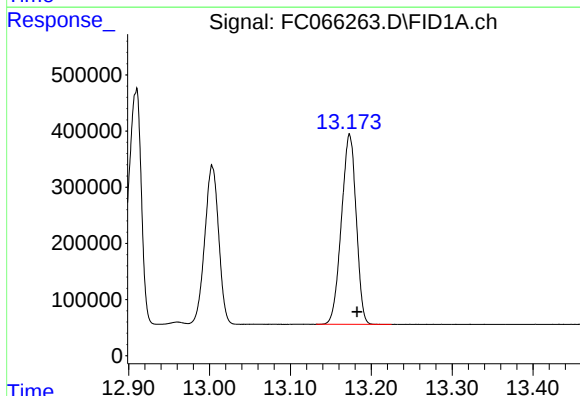
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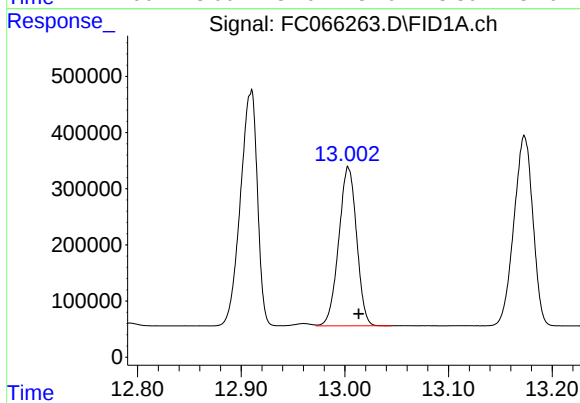
#10 n-Eicosane (C20)

R.T.: 12.561 min
Delta R.T.: -0.009 min
Response: 4421734
Conc: 36.69 ug/ml



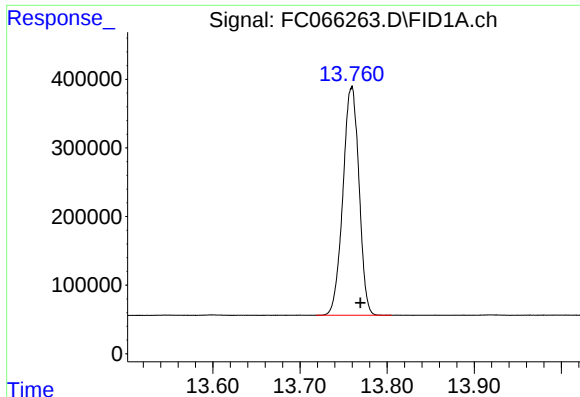
#11 n-Heneicosane (C21)

R.T.: 13.173 min
Delta R.T.: -0.009 min
Response: 4293949
Conc: 36.29 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.003 min
Delta R.T.: -0.010 min
Response: 3385409
Conc: 34.50 ug/ml



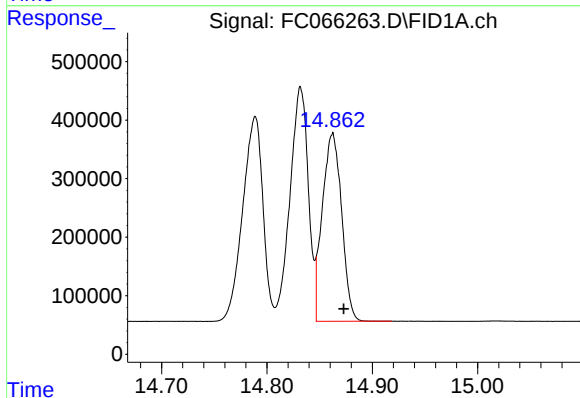
#13 n-Docosane (C22)

R.T.: 13.759 min
Delta R.T.: -0.010 min
Response: 4273064
Conc: 36.40 ug/ml

Instrument :
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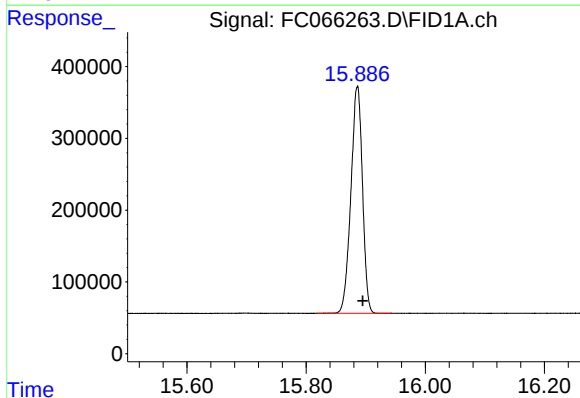
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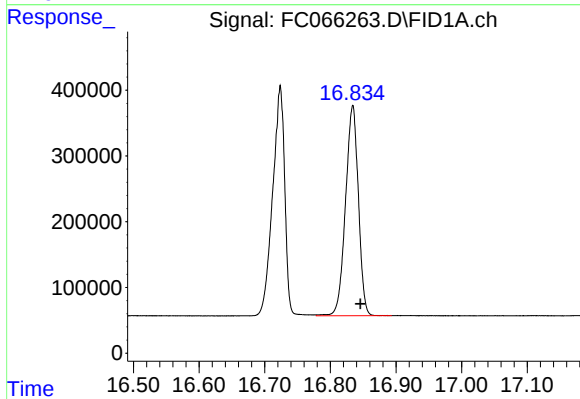
#14 n-Tetracosane (C24)

R.T.: 14.862 min
Delta R.T.: -0.011 min
Response: 4079555
Conc: 34.97 ug/ml



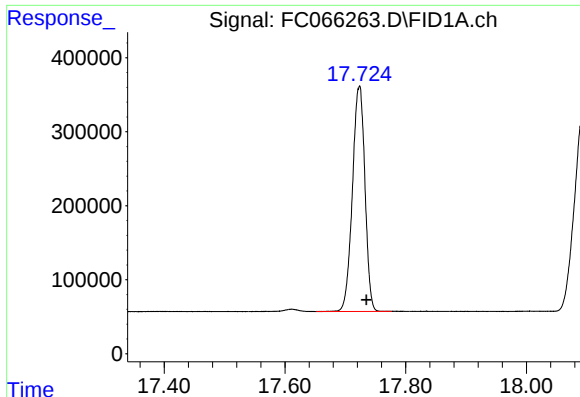
#15 n-Hexacosane (C26)

R.T.: 15.886 min
Delta R.T.: -0.009 min
Response: 4268375
Conc: 37.13 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.834 min
Delta R.T.: -0.012 min
Response: 4357348
Conc: 38.45 ug/ml



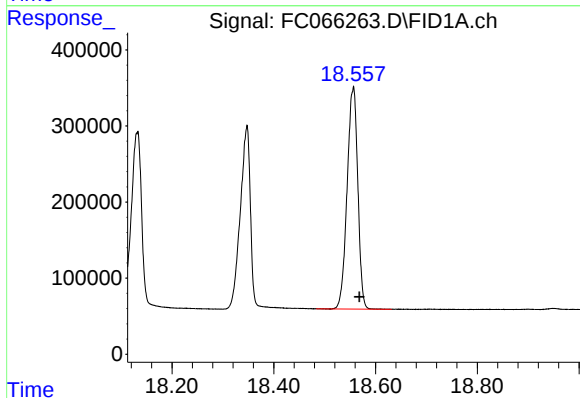
#17 n-Tricontane (C30)

R.T.: 17.723 min
Delta R.T.: -0.012 min
Response: 4378368
Conc: 37.79 ug/ml

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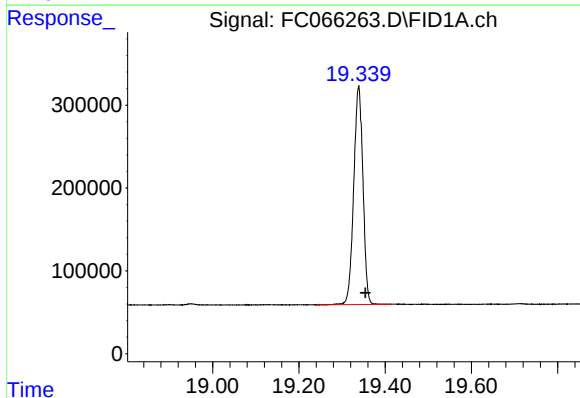
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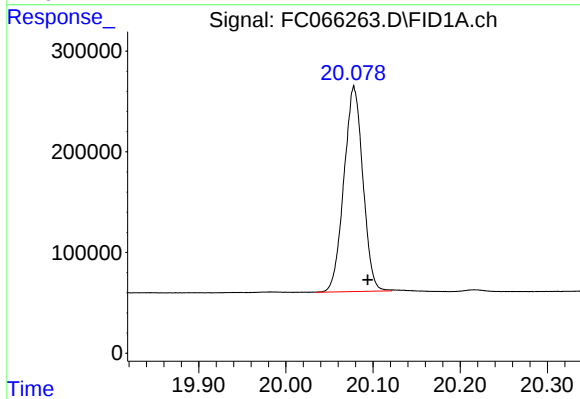
#18 n-Dotriacontane (C32)

R.T.: 18.556 min
Delta R.T.: -0.012 min
Response: 4249685
Conc: 37.01 ug/ml



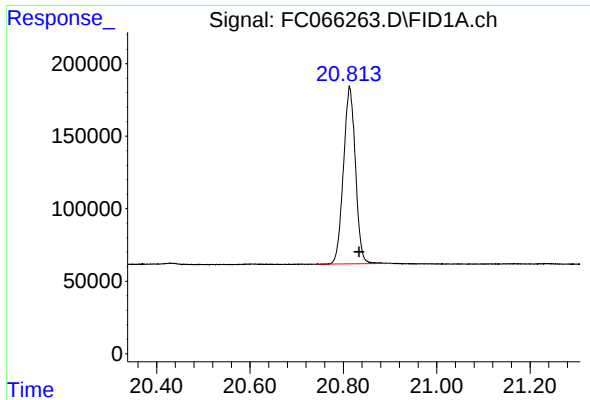
#19 n-Tetratriacontane (C34)

R.T.: 19.339 min
Delta R.T.: -0.016 min
Response: 3912043
Conc: 35.62 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.078 min
Delta R.T.: -0.016 min
Response: 3079477
Conc: 29.83 ug/ml m



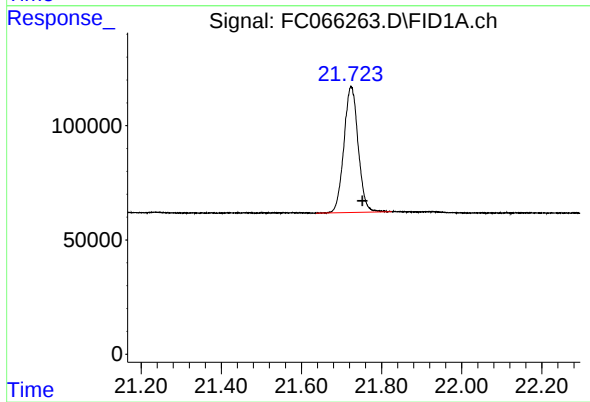
#21 n-Octatriacontane (C38)

R.T.: 20.814 min
Delta R.T.: -0.020 min
Response: 2176402
Conc: 22.33 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.724 min
Delta R.T.: -0.028 min
Response: 1360364
Conc: 15.03 ug/ml