

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC013125AL\
 Data File : FC068163.D
 Signal(s) : FID1A.ch
 Acq On : 31 Jan 2025 14:28
 Operator : YP/AJ
 Sample : PB166417BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB166417BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/03/2025
 Supervised By :Ankita Jodhani 02/03/2025

Integration File: autoint1.e
 Quant Time: Jan 31 22:15:29 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)	11.422	5633426	36.050 ug/ml
Spiked Amount 50.000		Recovery =	72.10%
12) S 1-chlorooctadecane (S...	12.862	4459606	38.778 ug/ml
Spiked Amount 50.000		Recovery =	77.56%
Target Compounds			
1) T n-Nonane (C9)	3.242	6877569	50.226 ug/ml
2) T n-Decane (C10)	4.294	7231776	52.090 ug/ml
3) T A~Naphthalene (C11.7)	5.858	8295085	55.254 ug/ml
4) T n-Dodecane (C12)	6.297	7286249	52.157 ug/ml
5) T A~2-methylnaphthalene...	6.908	7630698	53.126 ug/ml
6) T n-Tetradecane (C14)	8.086	7321859	53.649 ug/ml
7) T n-Hexadecane (C16)	9.679	7188011	51.732 ug/mlm
8) T n-Octadecane (C18)	11.118	7091598	50.685 ug/ml
10) T n-Eicosane (C20)	12.424	7264693	54.294 ug/ml
11) T n-Heneicosane (C21)	13.033	6894721	52.495 ug/ml
13) T n-Docosane (C22)	13.617	6823062	52.674 ug/ml
14) T n-Tetracosane (C24)	14.681	14172015	110.386 ug/mlm
15) T n-Hexacosane (C26)	15.738	6578114	52.275 ug/ml
16) T n-Octacosane (C28)	16.684	6510893	52.057 ug/ml
17) T n-Tricontane (C30)	17.573	6488798	50.201 ug/ml
18) T n-Dotriacontane (C32)	18.400	6329284	50.630 ug/ml
19) T n-Tetratriacontane (C34)	19.183	6120452	56.422 ug/ml
20) T n-Hexatriacontane (C36)	19.920	5603522	60.550 ug/ml
21) T n-Octatriacontane (C38)	20.633	5219843	60.917 ug/ml
22) T n-Tetracontane (C40)	21.495	4954449	61.272 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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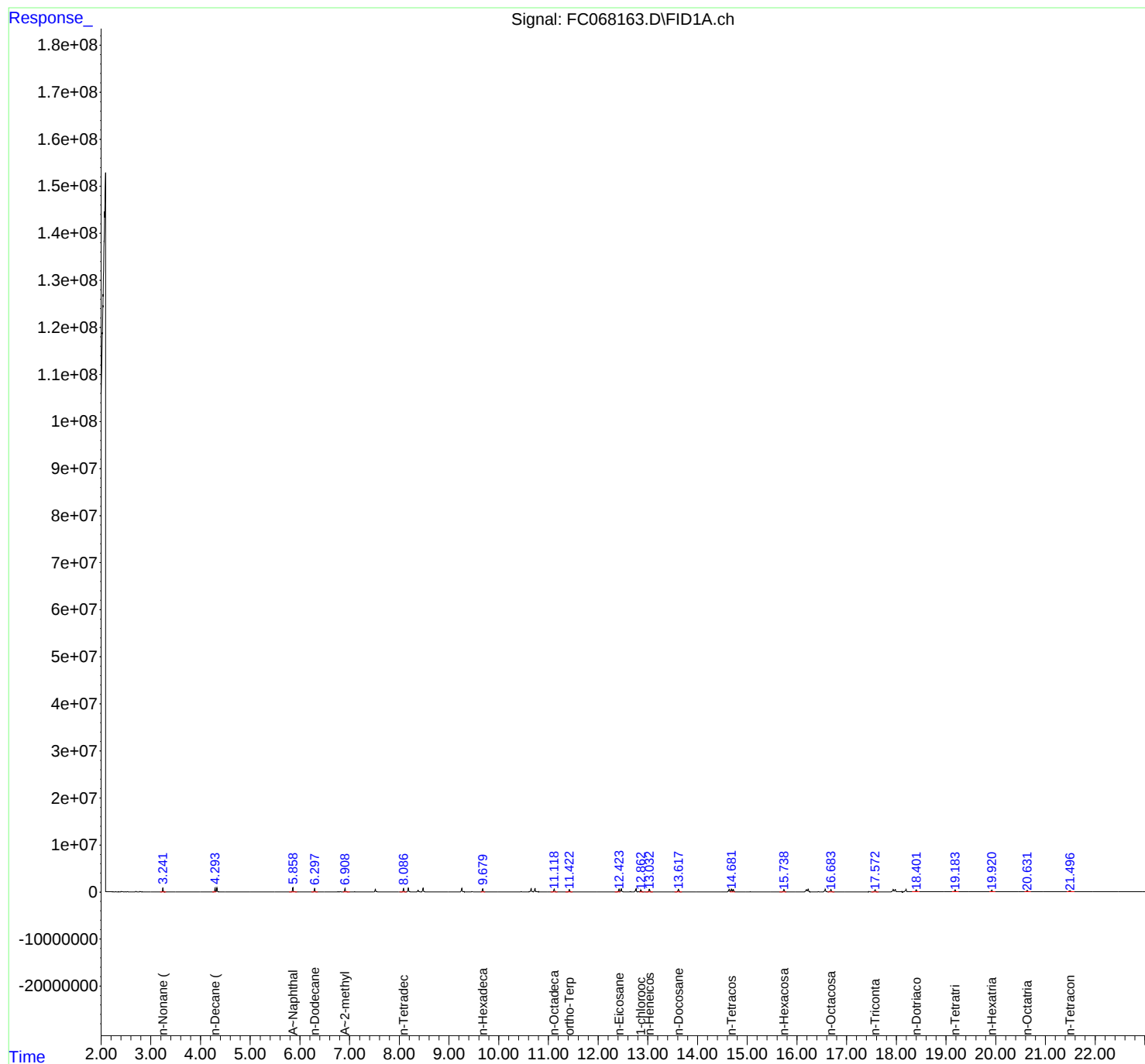
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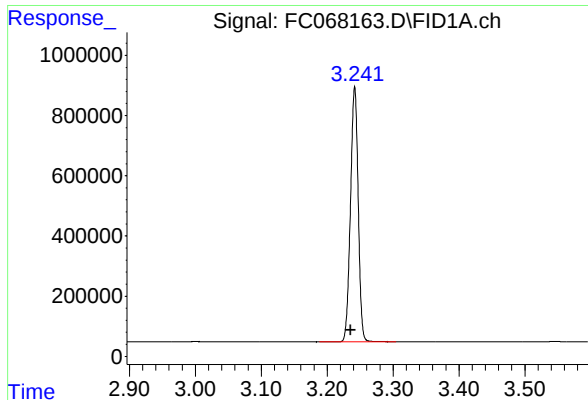
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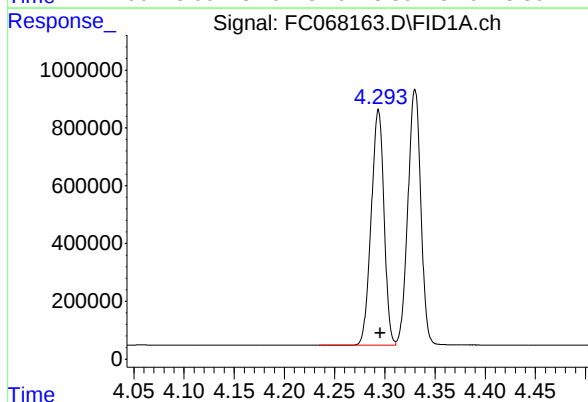
#1 n-Nonane (C9)

R.T.: 3.242 min
Delta R.T.: 0.006 min
Response: 6877569
Conc: 50.23 ug/ml

Instrument :
FID_C
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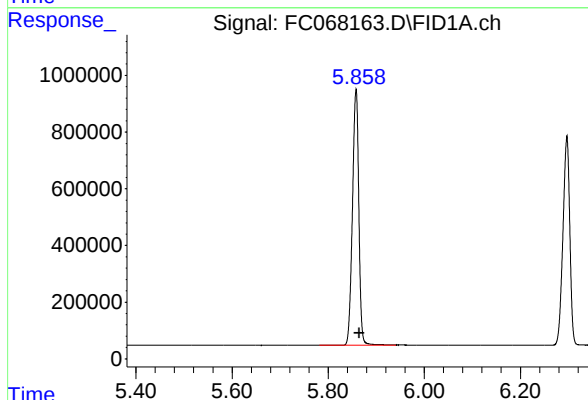
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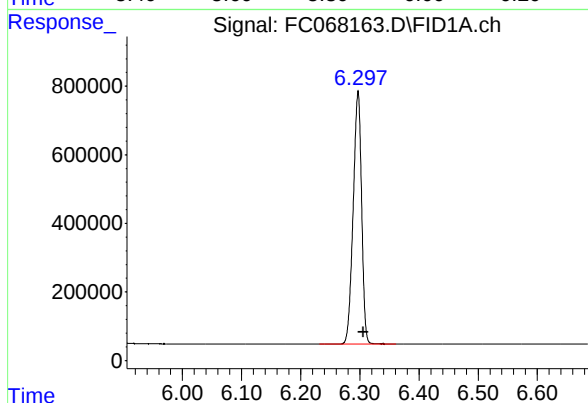
#2 n-Decane (C10)

R.T.: 4.294 min
Delta R.T.: -0.002 min
Response: 7231776
Conc: 52.09 ug/ml



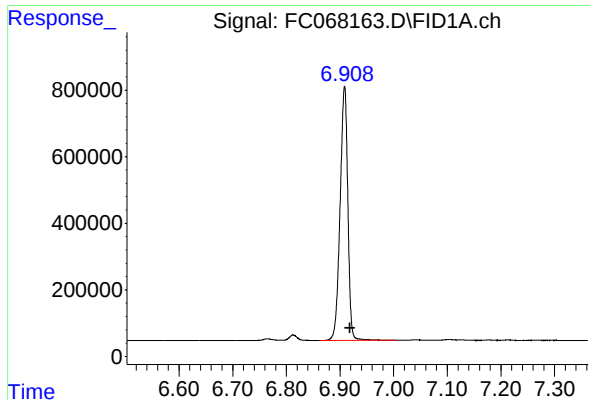
#3 A~Naphthalene (C11.7)

R.T.: 5.858 min
Delta R.T.: -0.007 min
Response: 8295085
Conc: 55.25 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.297 min
Delta R.T.: -0.009 min
Response: 7286249
Conc: 52.16 ug/ml



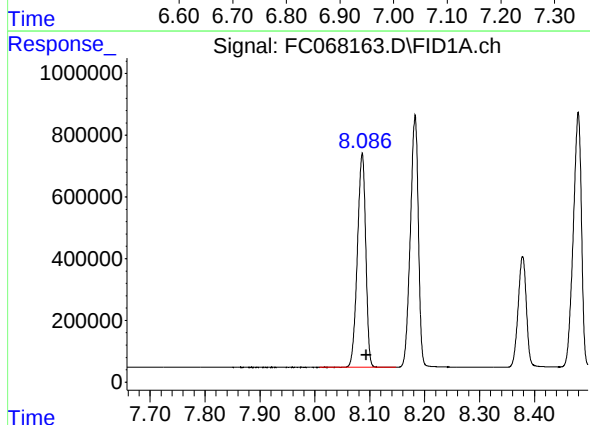
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.908 min
Delta R.T.: -0.011 min
Response: 7630698
Conc: 53.13 ug/ml

Instrument :
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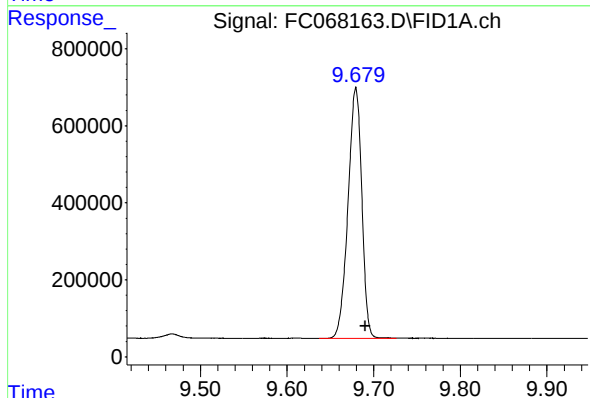
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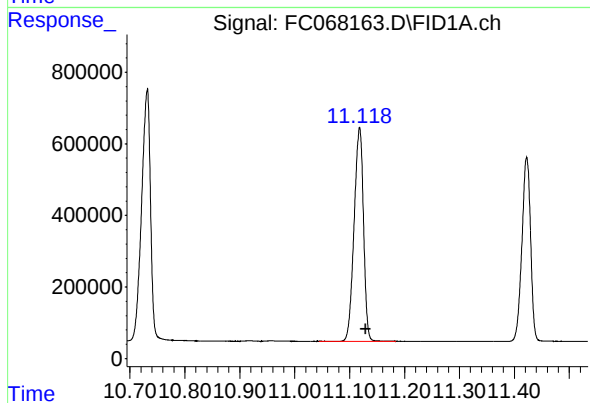
#6 n-Tetradecane (C14)

R.T.: 8.086 min
Delta R.T.: -0.008 min
Response: 7321859
Conc: 53.65 ug/ml



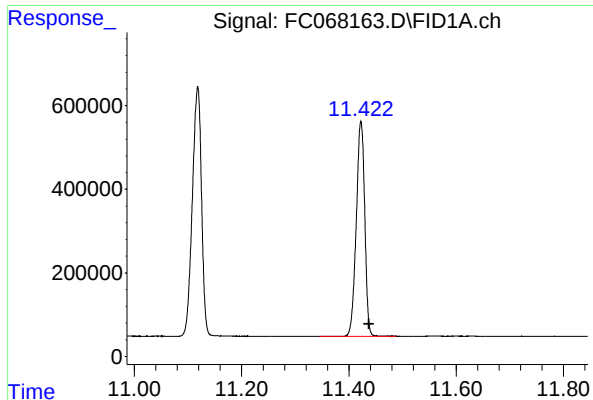
#7 n-Hexadecane (C16)

R.T.: 9.679 min
Delta R.T.: -0.011 min
Response: 7188011
Conc: 51.73 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.118 min
Delta R.T.: -0.012 min
Response: 7091598
Conc: 50.68 ug/ml



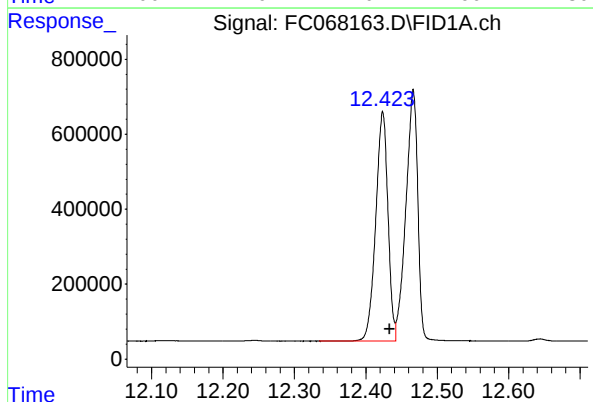
#9 ortho-Terphenyl (SURR)

R.T.: 11.422 min
Delta R.T.: -0.015 min
Response: 5633426
Conc: 36.05 ug/ml

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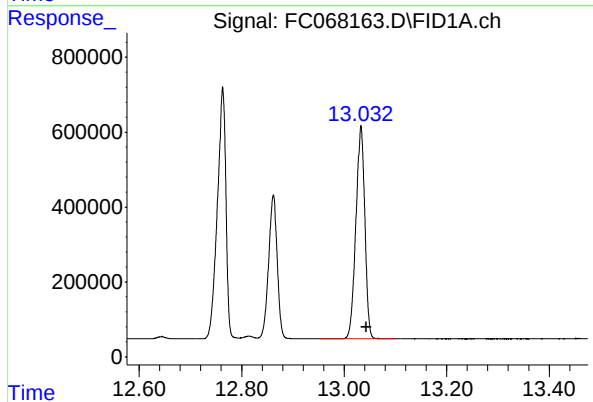
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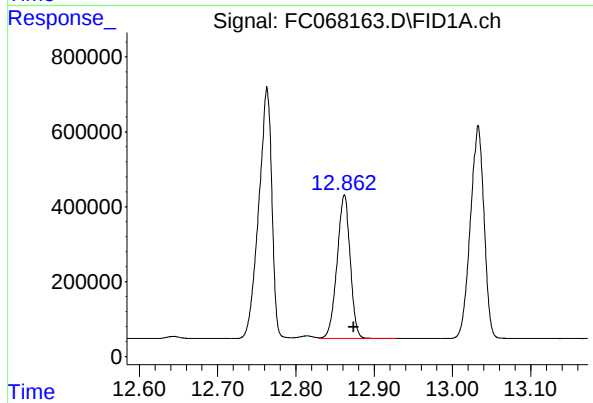
#10 n-Eicosane (C20)

R.T.: 12.424 min
Delta R.T.: -0.010 min
Response: 7264693
Conc: 54.29 ug/ml



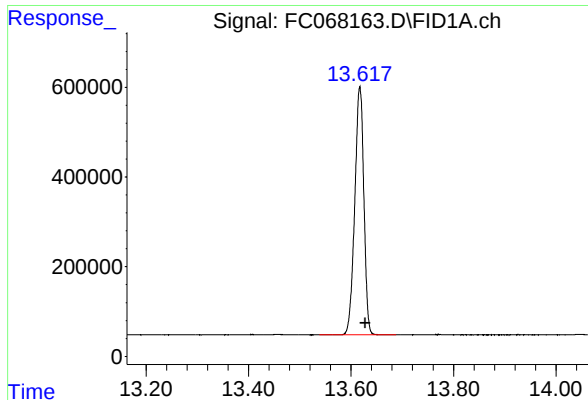
#11 n-Heneicosane (C21)

R.T.: 13.033 min
Delta R.T.: -0.011 min
Response: 6894721
Conc: 52.50 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.862 min
Delta R.T.: -0.012 min
Response: 4459606
Conc: 38.78 ug/ml



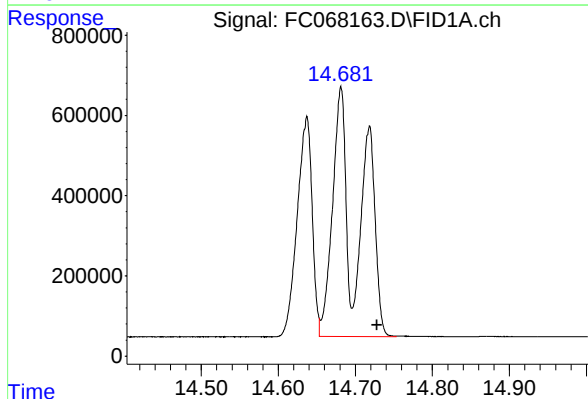
#13 n-Docosane (C22)

R.T.: 13.617 min
Delta R.T.: -0.011 min
Response: 6823062
Conc: 52.67 ug/ml

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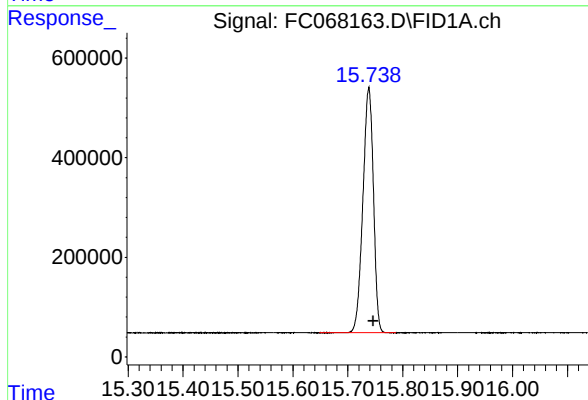
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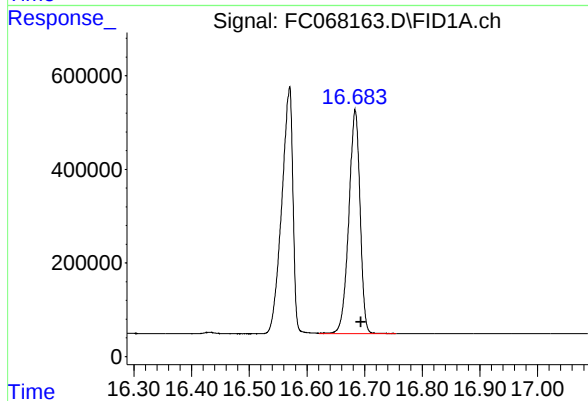
#14 n-Tetracosane (C24)

R.T.: 14.681 min
Delta R.T.: -0.047 min
Response: 14172015
Conc: 110.39 ug/ml m



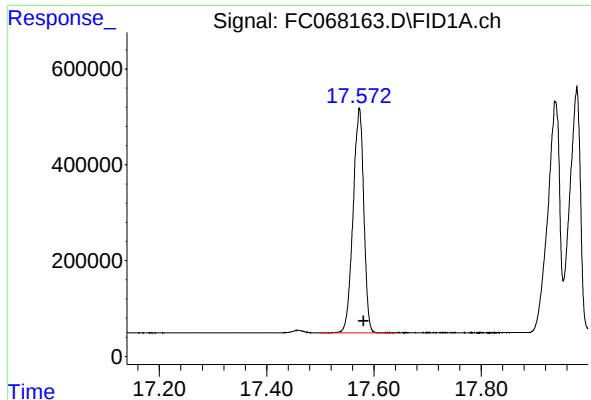
#15 n-Hexacosane (C26)

R.T.: 15.738 min
Delta R.T.: -0.008 min
Response: 6578114
Conc: 52.28 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.684 min
Delta R.T.: -0.010 min
Response: 6510893
Conc: 52.06 ug/ml



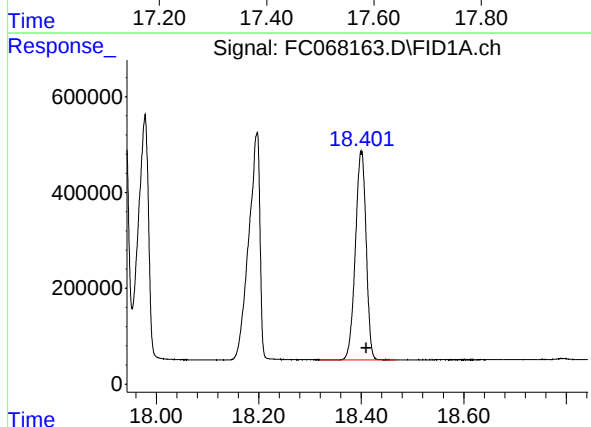
#17 n-Tricontane (C30)

R.T.: 17.573 min
Delta R.T.: -0.008 min
Response: 6488798
Conc: 50.20 ug/ml

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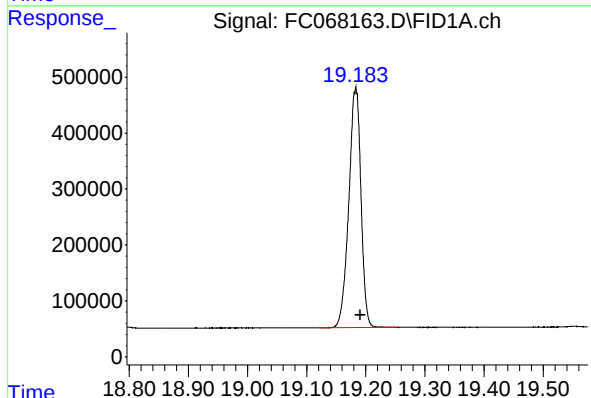
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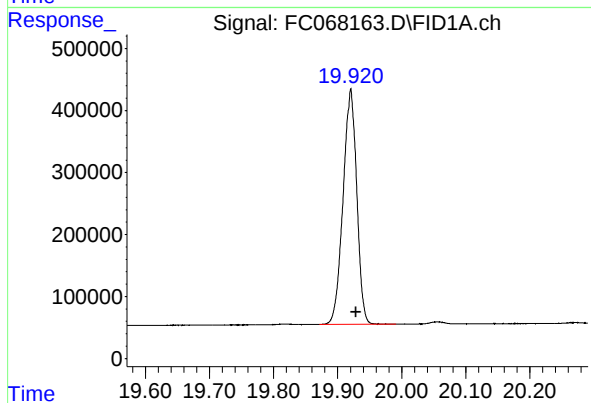
#18 n-Dotriacontane (C32)

R.T.: 18.400 min
Delta R.T.: -0.010 min
Response: 6329284
Conc: 50.63 ug/ml



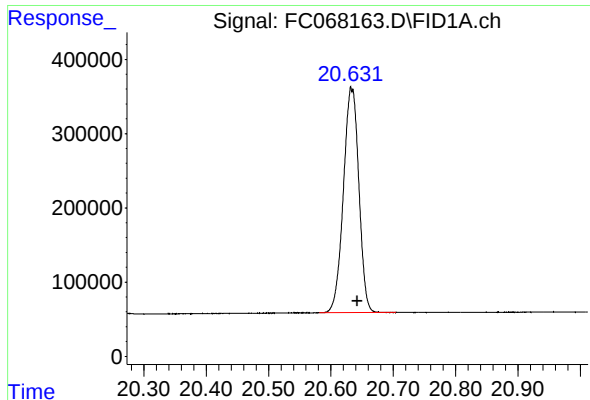
#19 n-Tetratriacontane (C34)

R.T.: 19.183 min
Delta R.T.: -0.008 min
Response: 6120452
Conc: 56.42 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.920 min
Delta R.T.: -0.008 min
Response: 5603522
Conc: 60.55 ug/ml



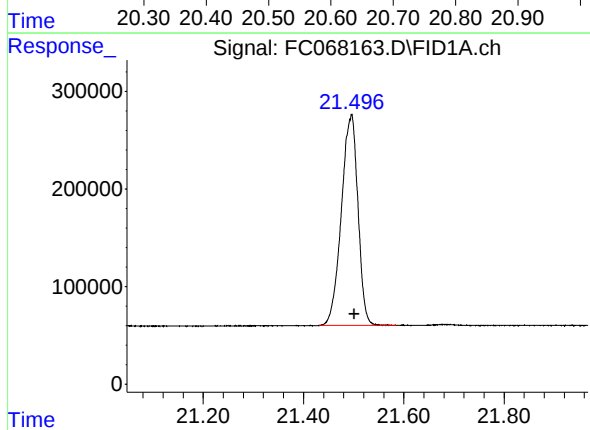
#21 n-Octatriacontane (C38)

R.T.: 20.633 min
Delta R.T.: -0.009 min
Response: 5219843
Conc: 60.92 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.495 min
Delta R.T.: -0.006 min
Response: 4954449
Conc: 61.27 ug/ml