

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020325AL\
 Data File : FC068179.D
 Signal(s) : FID1A.ch
 Acq On : 03 Feb 2025 13:48
 Operator : YP/AJ
 Sample : PB166469BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB166469BS

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 03:23:19 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)	11.420	5565905	35.618 ug/ml
Spiked Amount 50.000		Recovery =	71.24%
12) S 1-chlorooctadecane (S...	12.859	4372529	38.021 ug/ml
Spiked Amount 50.000		Recovery =	76.04%
Target Compounds			
1) T n-Nonane (C9)	3.234	4476453	32.691 ug/ml
2) T n-Decane (C10)	4.289	4782733	34.450 ug/ml
3) T A~Naphthalene (C11.7)	5.854	5595884	37.275 ug/ml
4) T n-Dodecane (C12)	6.294	4925191	35.256 ug/ml
5) T A~2-methylnaphthalene...	6.905	5143482	35.810 ug/ml
6) T n-Tetradecane (C14)	8.082	4948687	36.260 ug/ml
7) T n-Hexadecane (C16)	9.675	4821020	34.697 ug/ml
8) T n-Octadecane (C18)	11.114	4737394	33.859 ug/ml
10) T n-Eicosane (C20)	12.419	4803882	35.903 ug/ml
11) T n-Heneicosane (C21)	13.029	4559346	34.714 ug/ml
13) T n-Docosane (C22)	13.614	4504494	34.774 ug/ml
14) T n-Tetracosane (C24)	14.672	9345445	72.792 ug/mlm
15) T n-Hexacosane (C26)	15.732	4329051	34.402 ug/ml
16) T n-Octacosane (C28)	16.678	4289713	34.298 ug/ml
17) T n-Tricontane (C30)	17.565	4284234	33.146 ug/ml
18) T n-Dotriacontane (C32)	18.395	4197646	33.578 ug/ml
19) T n-Tetratriacontane (C34)	19.177	4100468	37.801 ug/ml
20) T n-Hexatriacontane (C36)	19.914	3807616	41.144 ug/ml
21) T n-Octatriacontane (C38)	20.626	3578211	41.759 ug/ml
22) T n-Tetracontane (C40)	21.484	3335330	41.248 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB166469BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

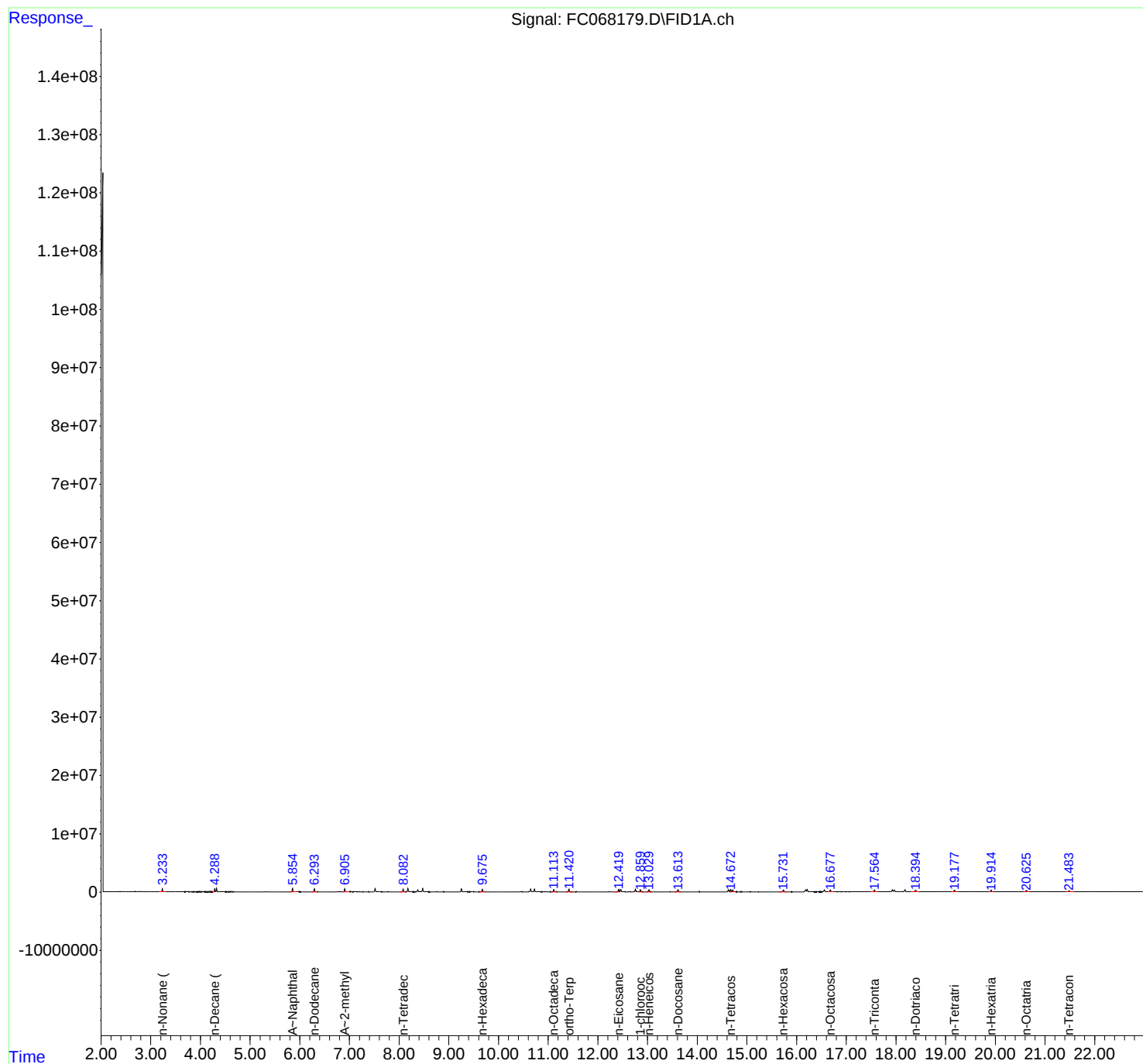
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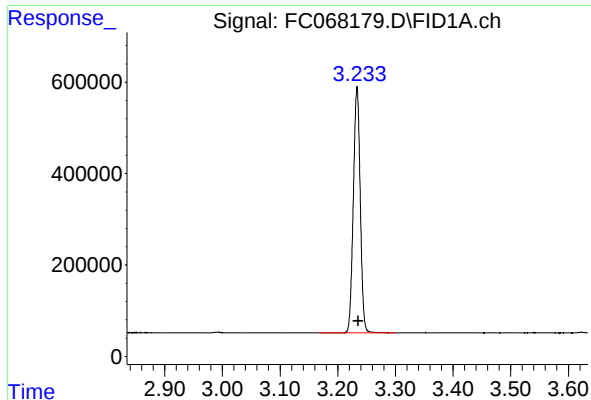
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QLast Update : Sat Jan 25 04:31:18 2025
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Integrator: ChemStation

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





#1 n-Nonane (C9)

R.T.: 3.234 min
Delta R.T.: -0.002 min
Response: 4476453
Conc: 32.69 ug/ml

Instrument :

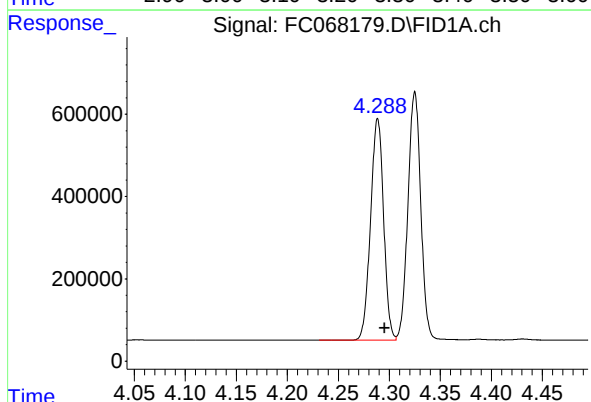
FID_C

ClientSampleId :

PB166469BS

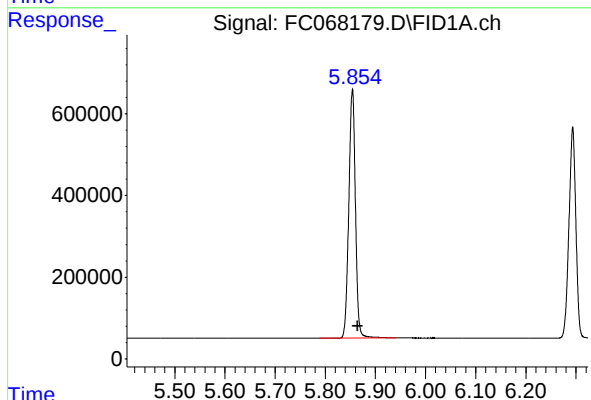
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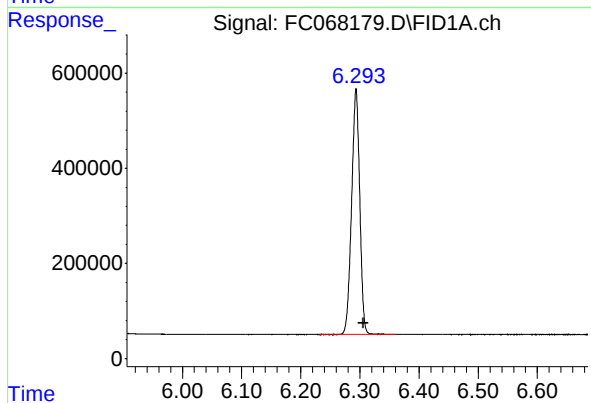
#2 n-Decane (C10)

R.T.: 4.289 min
Delta R.T.: -0.007 min
Response: 4782733
Conc: 34.45 ug/ml



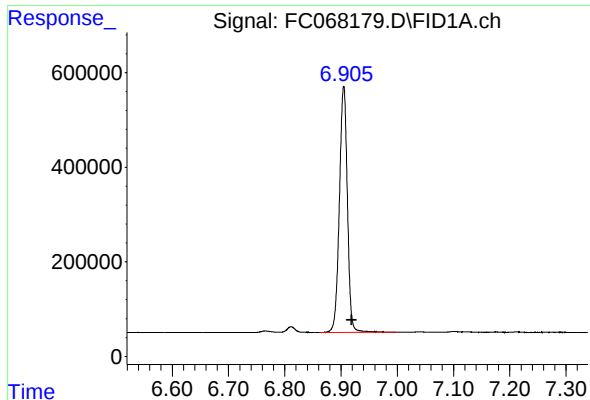
#3 A~Naphthalene (C11.7)

R.T.: 5.854 min
Delta R.T.: -0.011 min
Response: 5595884
Conc: 37.27 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.294 min
Delta R.T.: -0.012 min
Response: 4925191
Conc: 35.26 ug/ml



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

R.T.: 6.905 min
Delta R.T.: -0.015 min
Response: 5143482
Conc: 35.81 ug/ml

Instrument :

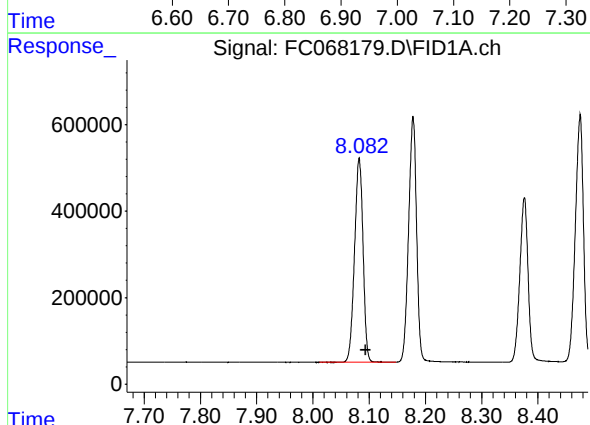
FID_C

ClientSampleId :

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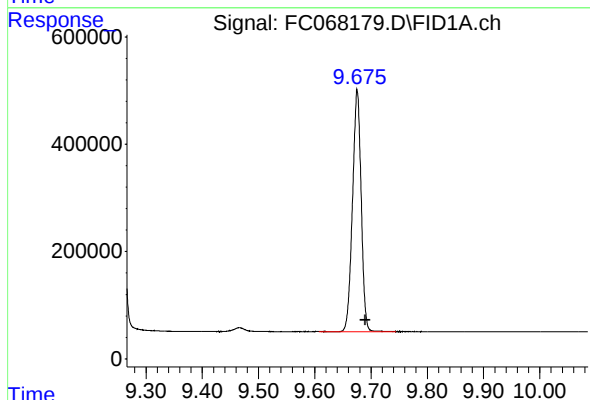
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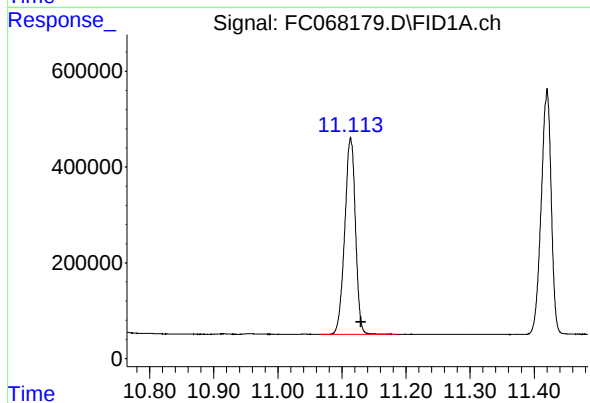
#6 n-Tetradecane (C14)

R.T.: 8.082 min
Delta R.T.: -0.012 min
Response: 4948687
Conc: 36.26 ug/ml



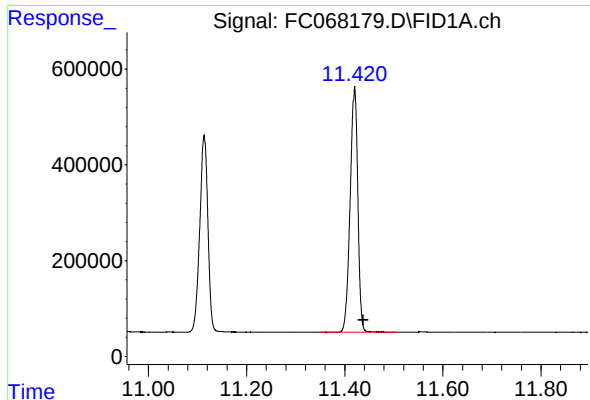
#7 n-Hexadecane (C16)

R.T.: 9.675 min
Delta R.T.: -0.015 min
Response: 4821020
Conc: 34.70 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.114 min
Delta R.T.: -0.016 min
Response: 4737394
Conc: 33.86 ug/ml



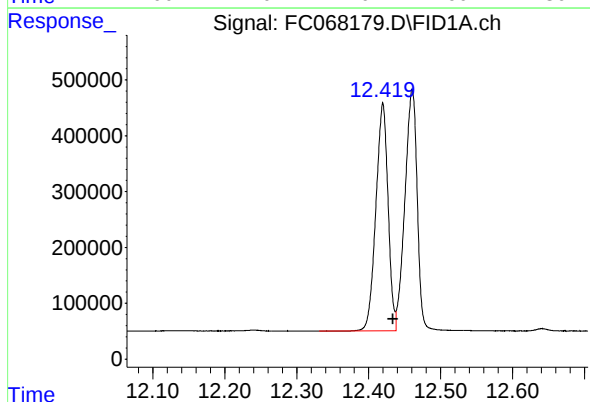
#9 ortho-Terphenyl (SURR)

R.T.: 11.420 min
Delta R.T.: -0.018 min
Response: 5565905
Conc: 35.62 ug/ml

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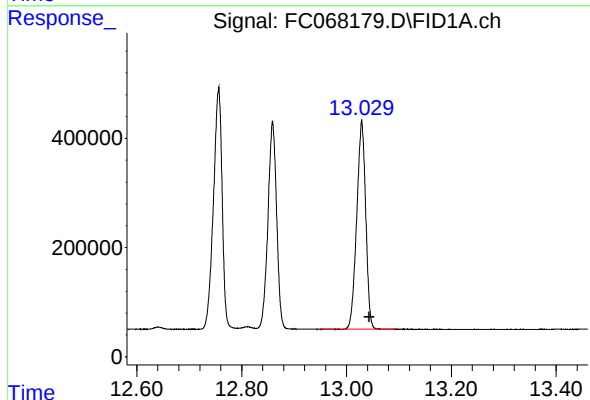
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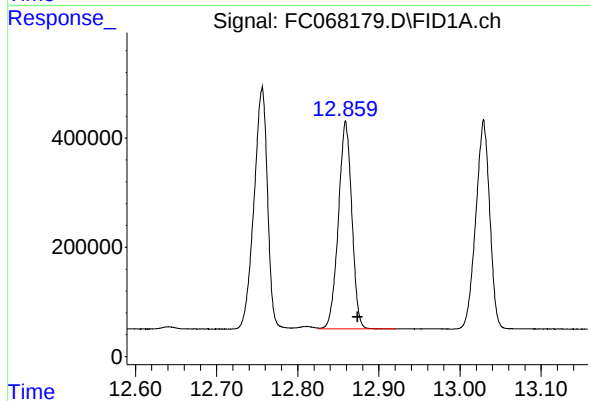
#10 n-Eicosane (C20)

R.T.: 12.419 min
Delta R.T.: -0.014 min
Response: 4803882
Conc: 35.90 ug/ml



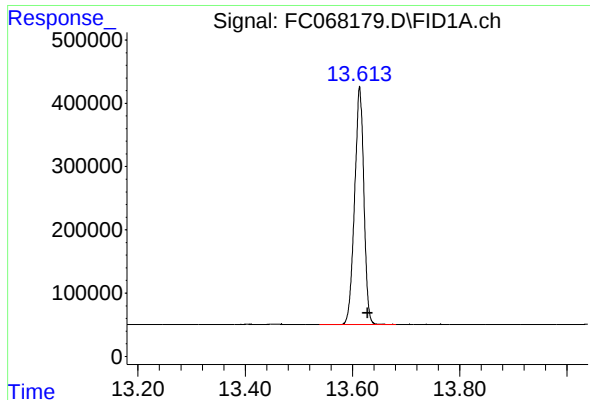
#11 n-Heneicosane (C21)

R.T.: 13.029 min
Delta R.T.: -0.015 min
Response: 4559346
Conc: 34.71 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.859 min
Delta R.T.: -0.015 min
Response: 4372529
Conc: 38.02 ug/ml



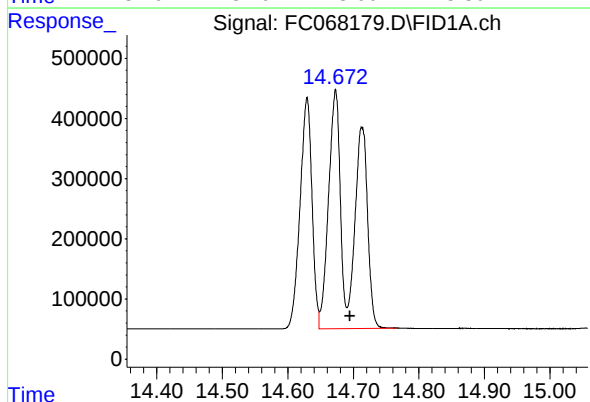
#13 n-Docosane (C22)

R.T.: 13.614 min
Delta R.T.: -0.015 min
Response: 4504494
Conc: 34.77 ug/ml

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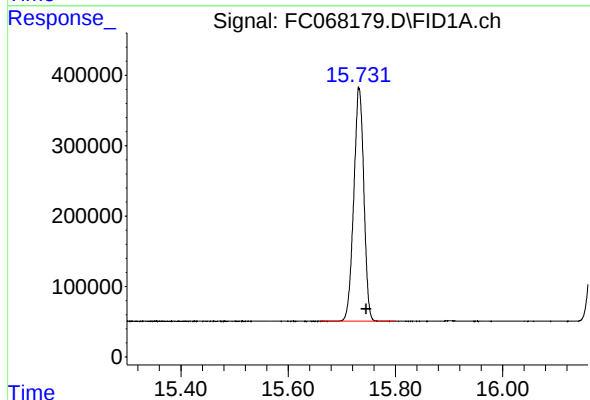
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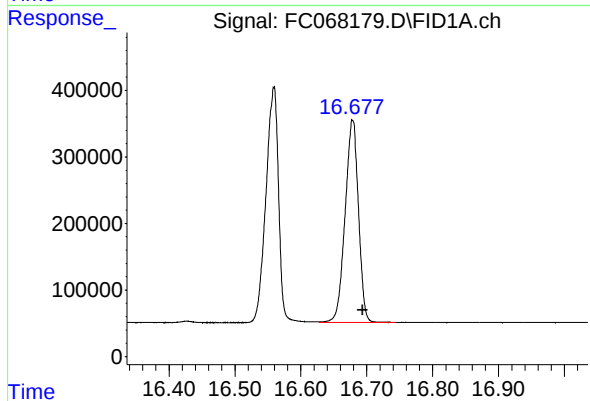
#14 n-Tetracosane (C24)

R.T.: 14.672 min
Delta R.T.: -0.023 min
Response: 9345445
Conc: 72.79 ug/ml



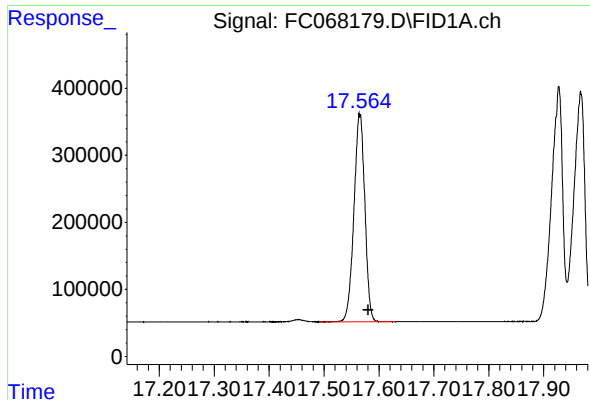
#15 n-Hexacosane (C26)

R.T.: 15.732 min
Delta R.T.: -0.014 min
Response: 4329051
Conc: 34.40 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.678 min
Delta R.T.: -0.015 min
Response: 4289713
Conc: 34.30 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.565 min
Delta R.T.: -0.015 min
Response: 4284234
Conc: 33.15 ug/ml

Instrument :

FID_C

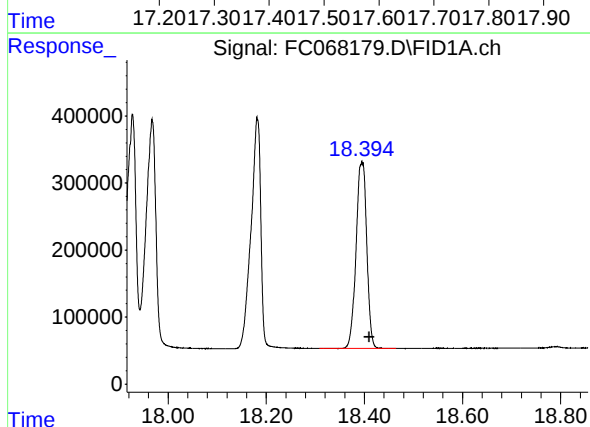
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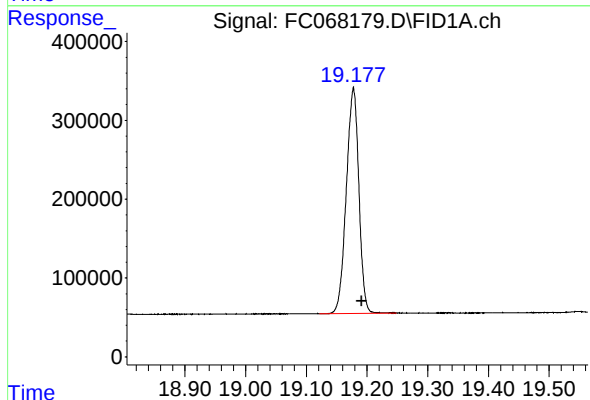
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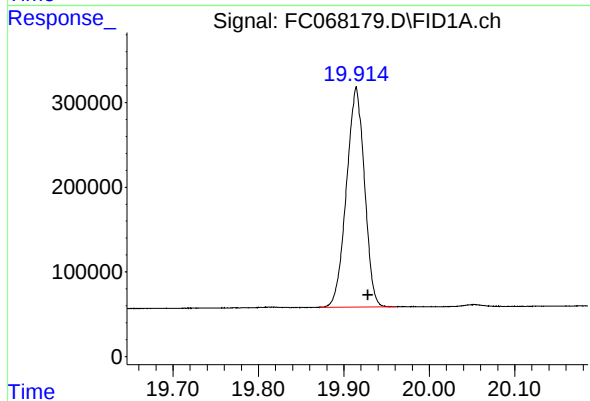
#18 n-Dotriacontane (C32)

R.T.: 18.395 min
Delta R.T.: -0.015 min
Response: 4197646
Conc: 33.58 ug/ml



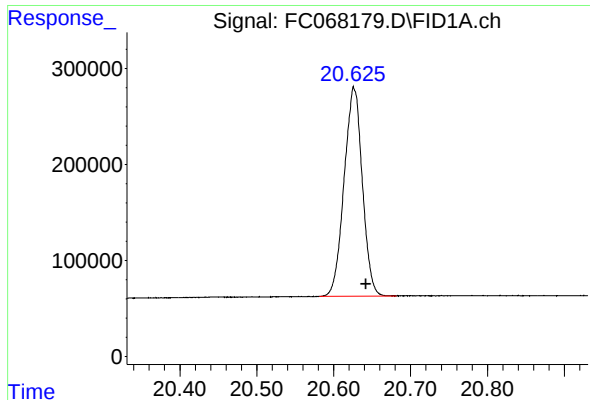
#19 n-Tetratriacontane (C34)

R.T.: 19.177 min
Delta R.T.: -0.014 min
Response: 4100468
Conc: 37.80 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.914 min
Delta R.T.: -0.014 min
Response: 3807616
Conc: 41.14 ug/ml



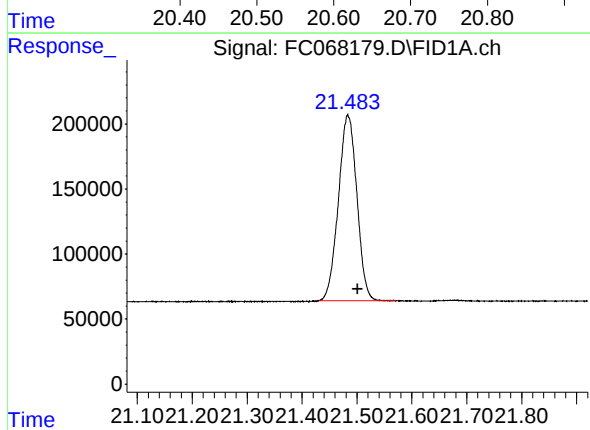
#21 n-Octatriacontane (C38)

R.T.: 20.626 min
Delta R.T.: -0.016 min
Response: 3578211
Conc: 41.76 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.484 min
Delta R.T.: -0.018 min
Response: 3335330
Conc: 41.25 ug/ml