

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020325AL\
 Data File : FC068177.D
 Signal(s) : FID1A.ch
 Acq On : 03 Feb 2025 12:34
 Operator : YP/AJ
 Sample : PB166432BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB166432BSD

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 03:22:58 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)	11.421	6194550	39.641 ug/ml
Spiked Amount 50.000		Recovery =	79.28%
12) S 1-chlorooctadecane (S...	12.860	4862939	42.285 ug/ml
Spiked Amount 50.000		Recovery =	84.57%
Target Compounds			
1) T n-Nonane (C9)	3.251	7691472	56.169 ug/ml
2) T n-Decane (C10)	4.298	8251494	59.435 ug/ml
3) T A~Naphthalene (C11.7)	5.858	9698676	64.604 ug/ml
4) T n-Dodecane (C12)	6.297	8435897	60.386 ug/ml
5) T A~2-methylnaphthalene...	6.908	8858289	61.673 ug/ml
6) T n-Tetradecane (C14)	8.085	8535458	62.541 ug/ml
7) T n-Hexadecane (C16)	9.678	8327051	59.929 ug/ml
8) T n-Octadecane (C18)	11.116	8185593	58.504 ug/ml
10) T n-Eicosane (C20)	12.423	8356778	62.456 ug/ml
11) T n-Heneicosane (C21)	13.031	7863323	59.870 ug/ml
13) T n-Docosane (C22)	13.616	7727809	59.658 ug/ml
14) T n-Tetracosane (C24)	14.680	15634646	121.778 ug/mlm
15) T n-Hexacosane (C26)	15.735	7310016	58.091 ug/ml
16) T n-Octacosane (C28)	16.680	7120739	56.933 ug/ml
17) T n-Tricontane (C30)	17.569	7008903	54.225 ug/ml
18) T n-Dotriacontane (C32)	18.396	6488917	51.907 ug/ml
19) T n-Tetratriacontane (C34)	19.177	5458320	50.319 ug/ml
20) T n-Hexatriacontane (C36)	19.914	3846799	41.568 ug/ml
21) T n-Octatriacontane (C38)	20.626	2589886	30.225 ug/ml
22) T n-Tetracontane (C40)	21.484	1869559	23.121 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB166432BSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

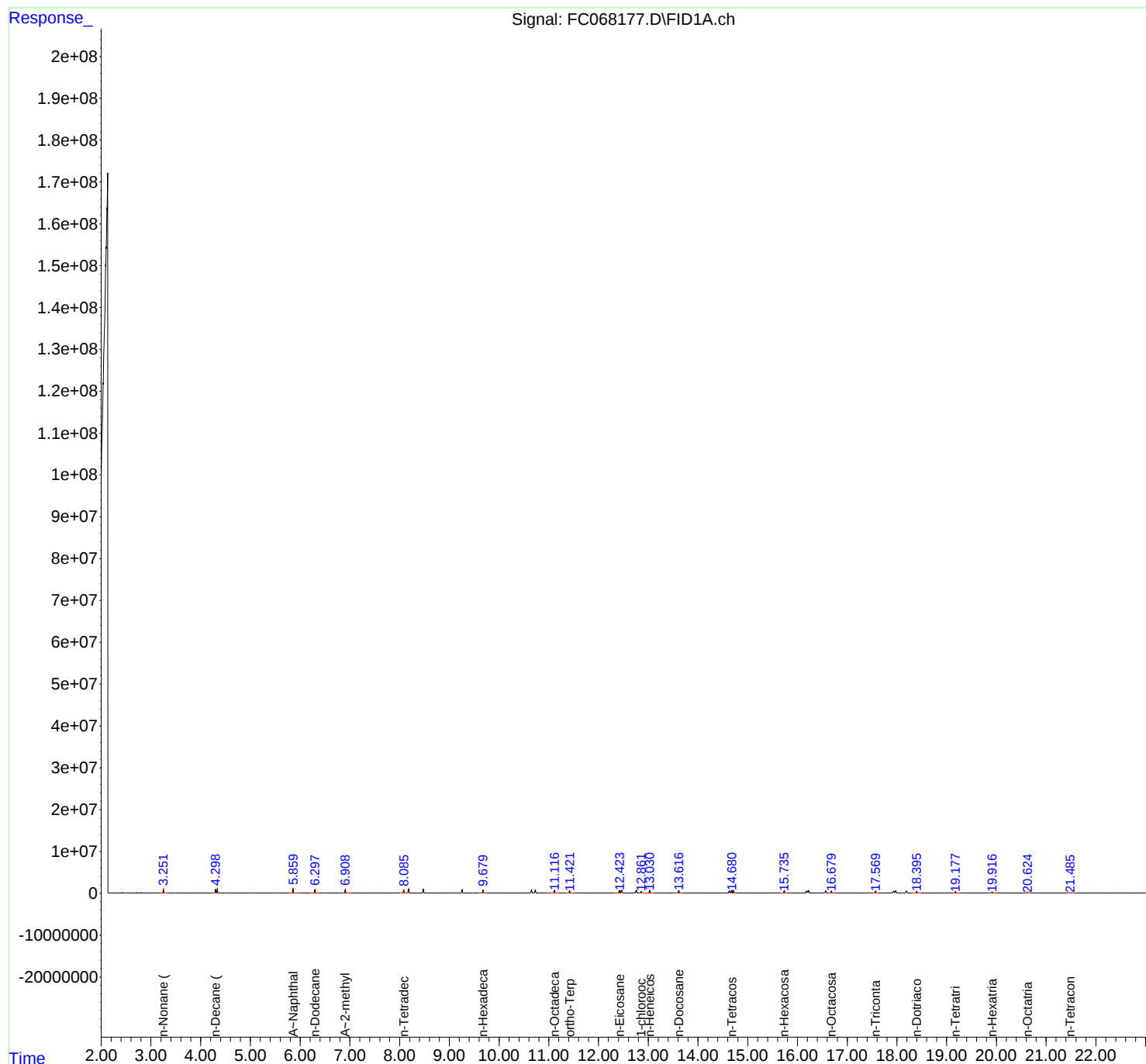
Instrument :
FID_C
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PB166432BSD

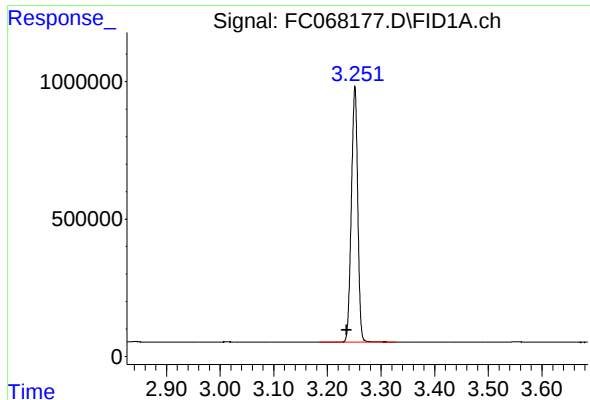
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#1 n-Nonane (C9)

R.T.: 3.251 min
Delta R.T.: 0.015 min
Response: 7691472
Conc: 56.17 ug/ml

Instrument :

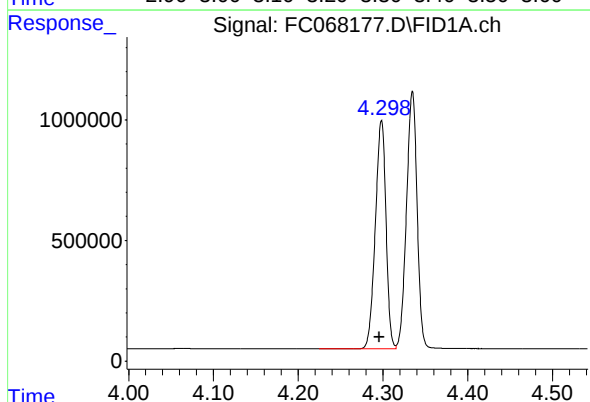
FID_C

ClientSampleId :

PB166432BSD

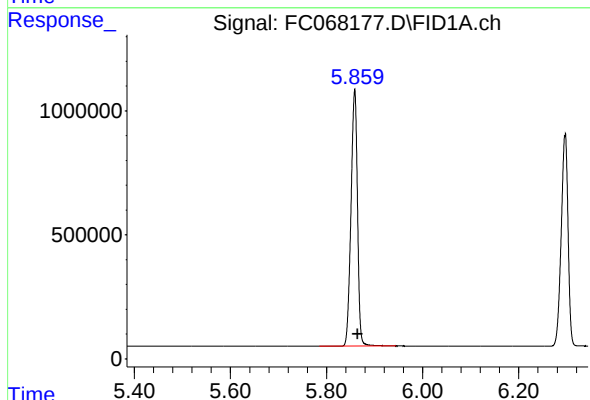
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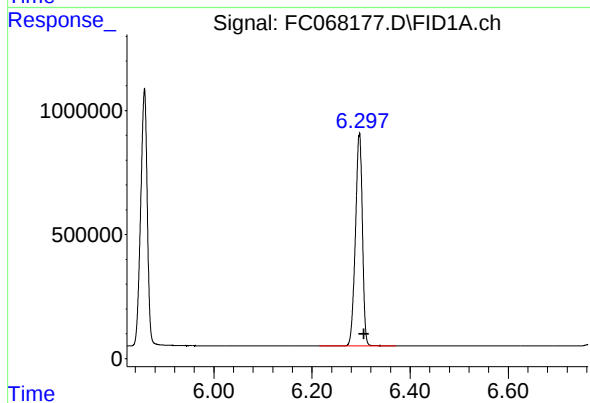
#2 n-Decane (C10)

R.T.: 4.298 min
Delta R.T.: 0.003 min
Response: 8251494
Conc: 59.43 ug/ml



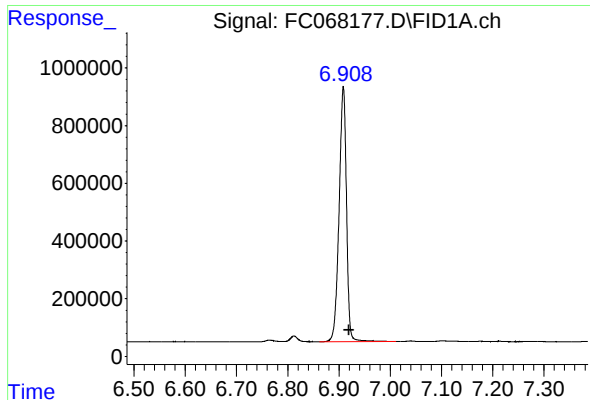
#3 A~Naphthalene (C11.7)

R.T.: 5.858 min
Delta R.T.: -0.007 min
Response: 9698676
Conc: 64.60 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.297 min
Delta R.T.: -0.009 min
Response: 8435897
Conc: 60.39 ug/ml



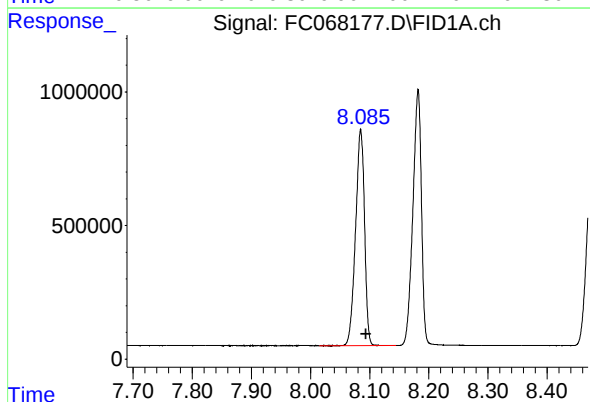
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.908 min
Delta R.T.: -0.011 min
Response: 8858289
Conc: 61.67 ug/ml

Instrument :
FID_C
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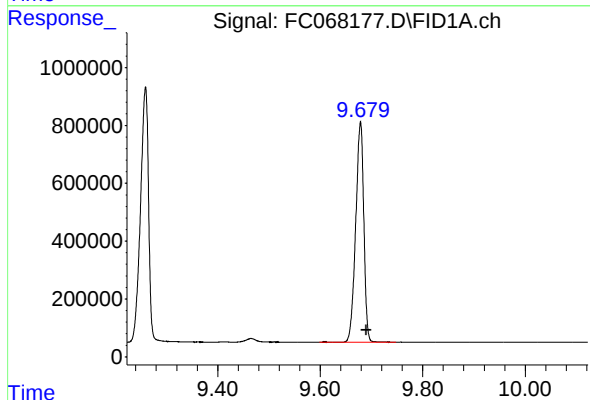
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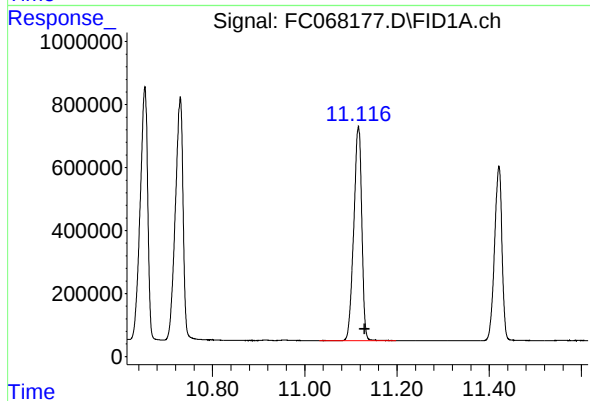
#6 n-Tetradecane (C14)

R.T.: 8.085 min
Delta R.T.: -0.009 min
Response: 8535458
Conc: 62.54 ug/ml



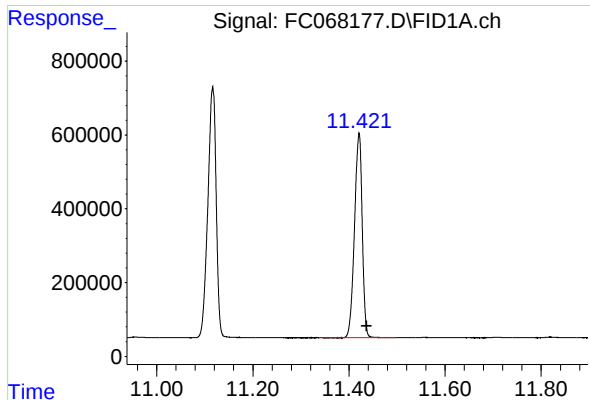
#7 n-Hexadecane (C16)

R.T.: 9.678 min
Delta R.T.: -0.012 min
Response: 8327051
Conc: 59.93 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.116 min
Delta R.T.: -0.013 min
Response: 8185593
Conc: 58.50 ug/ml



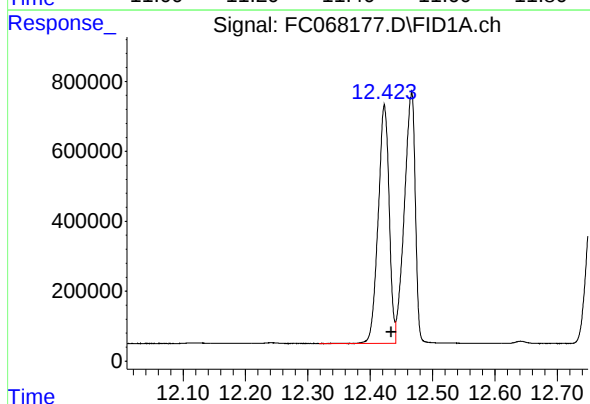
#9 ortho-Terphenyl (SURR)

R.T.: 11.421 min
Delta R.T.: -0.017 min
Response: 6194550
Conc: 39.64 ug/ml

Instrument :
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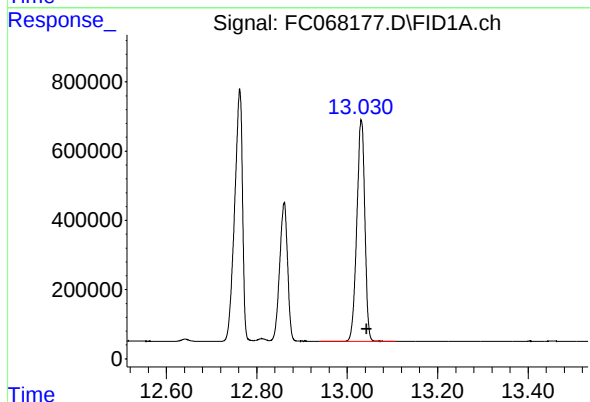
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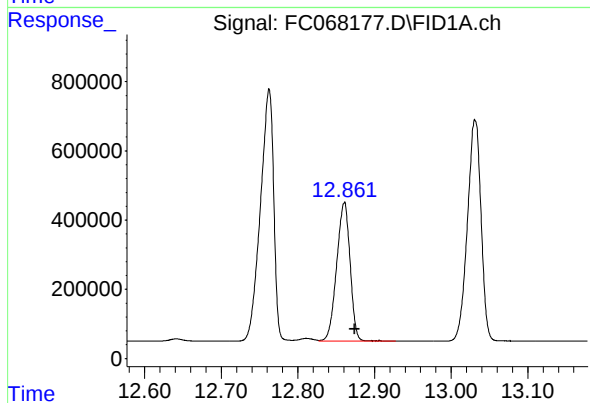
#10 n-Eicosane (C20)

R.T.: 12.423 min
Delta R.T.: -0.011 min
Response: 8356778
Conc: 62.46 ug/ml



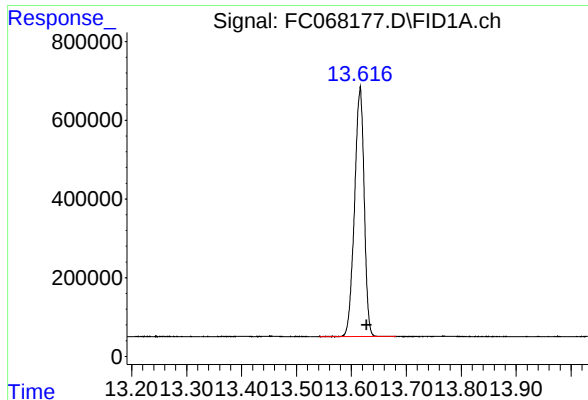
#11 n-Heneicosane (C21)

R.T.: 13.031 min
Delta R.T.: -0.013 min
Response: 7863323
Conc: 59.87 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.860 min
Delta R.T.: -0.014 min
Response: 4862939
Conc: 42.29 ug/ml



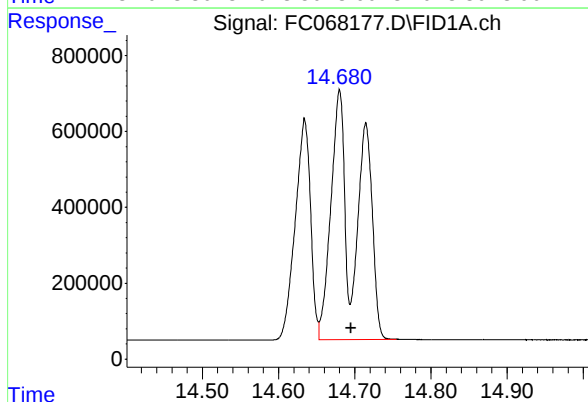
#13 n-Docosane (C22)

R.T.: 13.616 min
Delta R.T.: -0.013 min
Response: 7727809
Conc: 59.66 ug/ml

Instrument :
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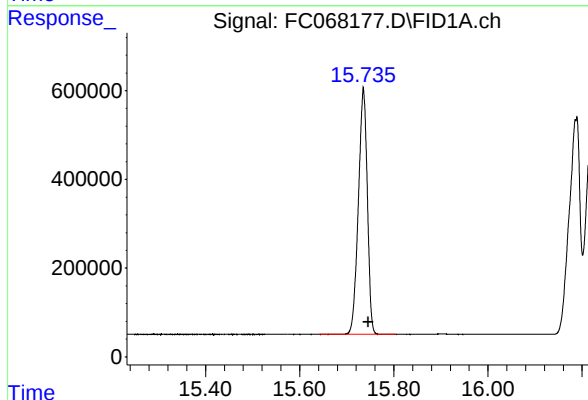
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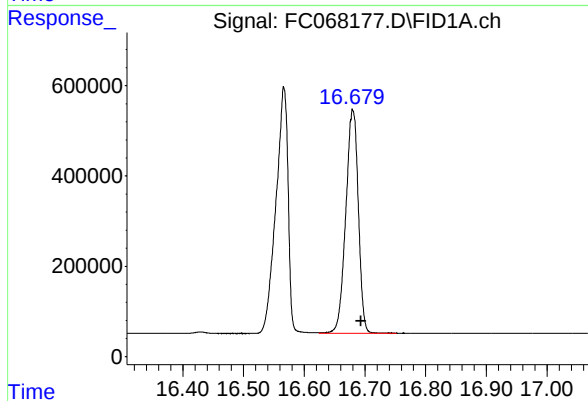
#14 n-Tetracosane (C24)

R.T.: 14.680 min
Delta R.T.: -0.015 min
Response: 15634646
Conc: 121.78 ug/ml m



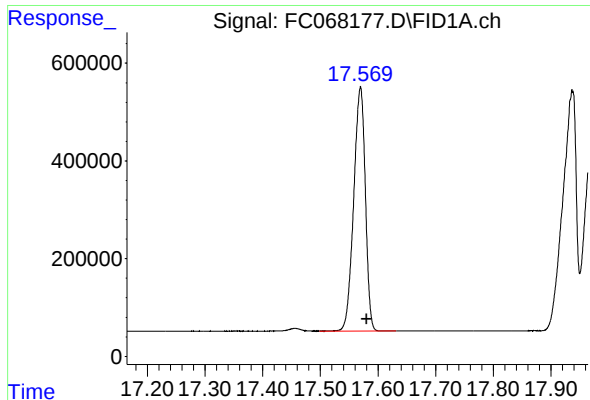
#15 n-Hexacosane (C26)

R.T.: 15.735 min
Delta R.T.: -0.011 min
Response: 7310016
Conc: 58.09 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.680 min
Delta R.T.: -0.014 min
Response: 7120739
Conc: 56.93 ug/ml



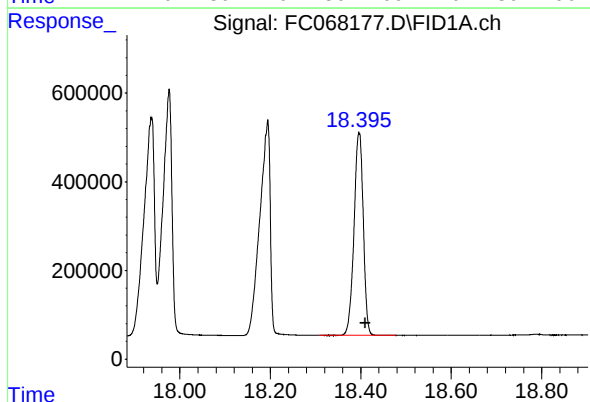
#17 n-Tricontane (C30)

R.T.: 17.569 min
Delta R.T.: -0.011 min
Response: 7008903
Conc: 54.23 ug/ml

Instrument :
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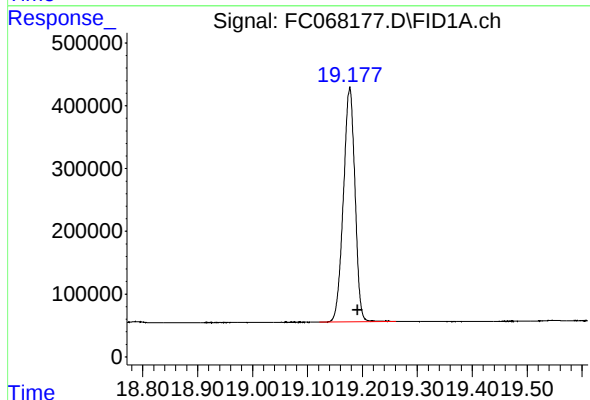
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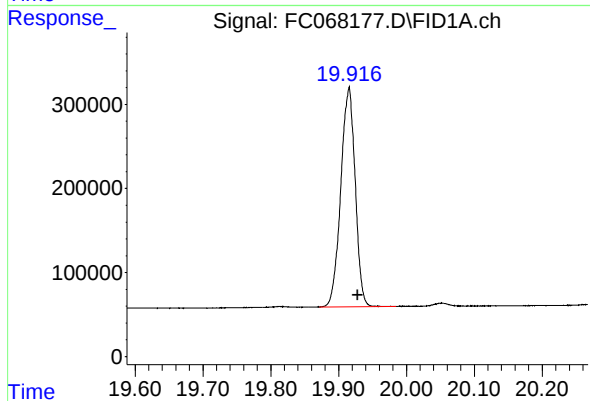
#18 n-Dotriacontane (C32)

R.T.: 18.396 min
Delta R.T.: -0.014 min
Response: 6488917
Conc: 51.91 ug/ml



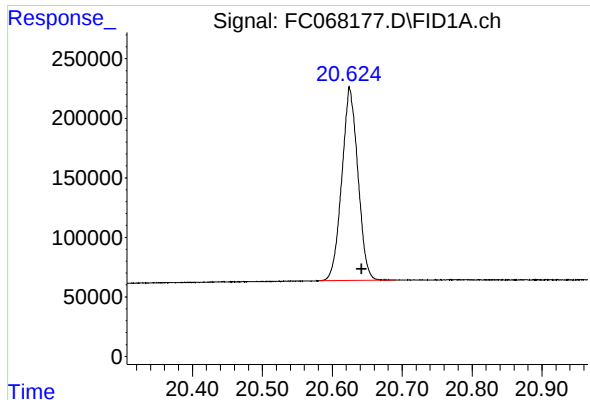
#19 n-Tetratriacontane (C34)

R.T.: 19.177 min
Delta R.T.: -0.014 min
Response: 5458320
Conc: 50.32 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.914 min
Delta R.T.: -0.014 min
Response: 3846799
Conc: 41.57 ug/ml



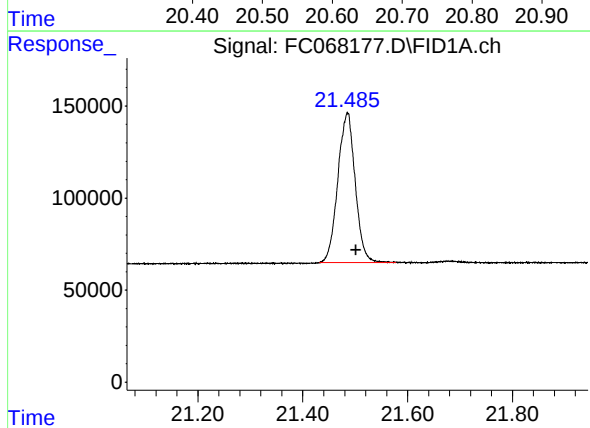
#21 n-Octatriacontane (C38)

R.T.: 20.626 min
Delta R.T.: -0.016 min
Response: 2589886
Conc: 30.22 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.484 min
Delta R.T.: -0.017 min
Response: 1869559
Conc: 23.12 ug/ml