

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011025AL\
 Data File : FC068093.D
 Signal(s) : FID1A.ch
 Acq On : 10 Jan 2025 12:20
 Operator : YP/AJ
 Sample : PB166003BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB166003BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/13/2025
 Supervised By :Ankita Jodhani 01/13/2025

Integration File: autoint1.e
 Quant Time: Jan 10 22:06:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 123124.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 31 12:18:53 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			
12) S 1-chlorooctadecane (S...	12.873	5261590	46.355 ug/ml
Spiked Amount 50.000		Recovery =	92.71%
Target Compounds			
1) T n-Nonane (C9)	3.234	3035224	22.128 ug/ml
2) T n-Decane (C10)	4.293	3983800	28.824 ug/ml
4) T n-Dodecane (C12)	6.302	4939462	35.720 ug/ml
6) T n-Tetradecane (C14)	8.092	5526181	40.892 ug/ml
7) T n-Hexadecane (C16)	9.688	5830340	42.483 ug/ml
8) T n-Octadecane (C18)	11.126	6205749	45.082 ug/ml
10) T n-Eicosane (C20)	12.433	6333324	48.279 ug/mlm
11) T n-Heneicosane (C21)	13.043	6081086	47.310 ug/ml
13) T n-Docosane (C22)	13.627	6061800	47.795 ug/ml
14) T n-Tetracosane (C24)	14.726	5948717	47.650 ug/mlm
15) T n-Hexacosane (C26)	15.746	5839694	47.928 ug/ml
16) T n-Octacosane (C28)	16.693	5718569	48.124 ug/ml
17) T n-Tricontane (C30)	17.580	5717046	47.903 ug/ml
18) T n-Dotriacontane (C32)	18.411	5612632	49.330 ug/ml
19) T n-Tetratriacontane (C34)	19.193	5504984	55.303 ug/ml
20) T n-Hexatriacontane (C36)	19.933	5344110	61.492 ug/mlm
21) T n-Octatriacontane (C38)	20.645	5298533	64.131 ug/ml
22) T n-Tetracontane (C40)	21.510	5283125	65.670 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 10 Jan 2025 12:20
Operator : YP/AJ
Sample : PB166003BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

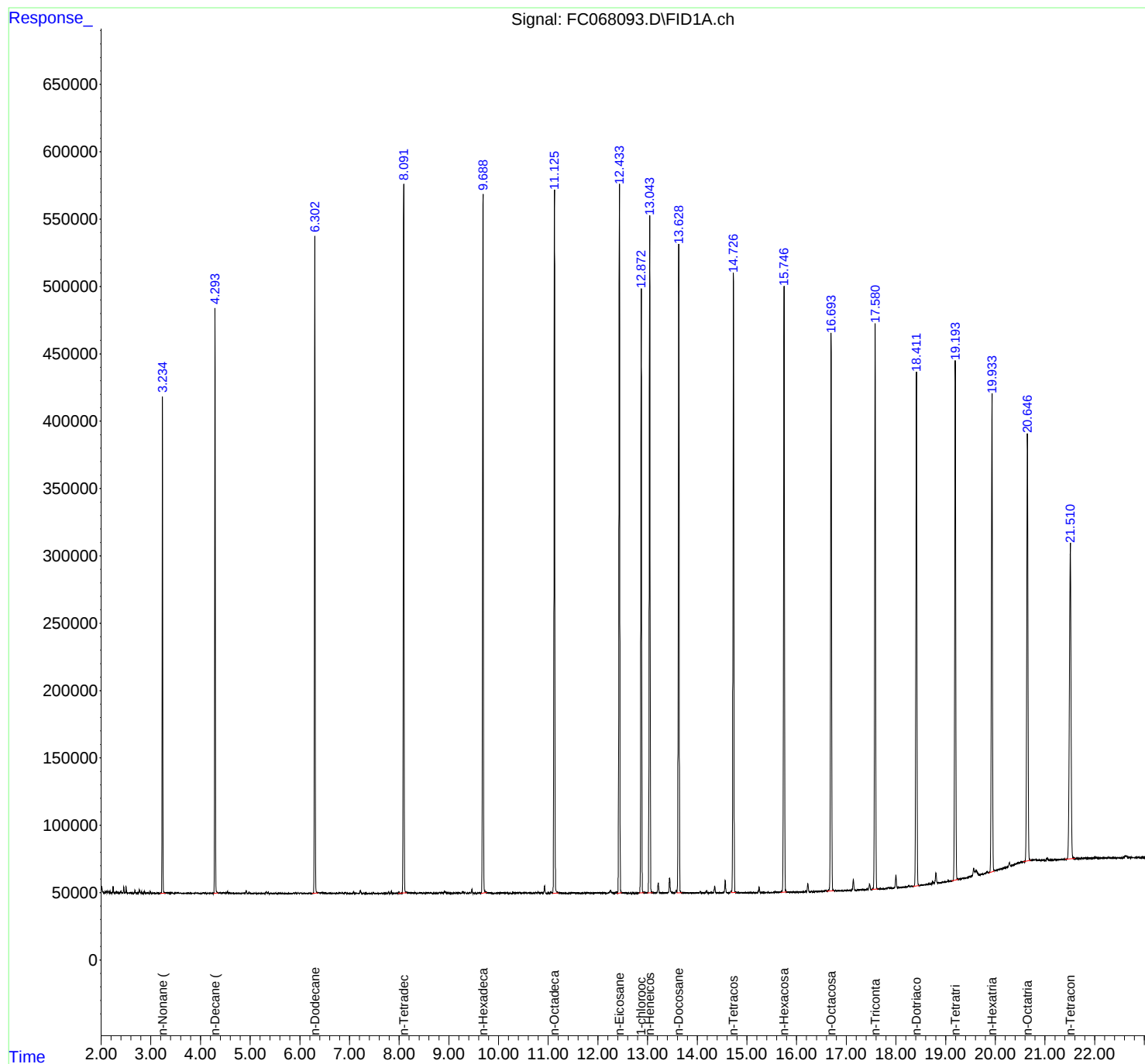
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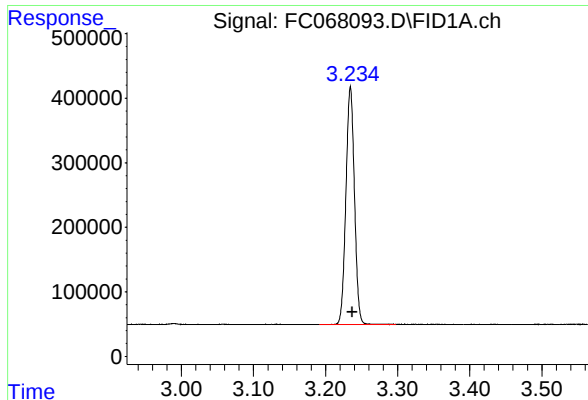
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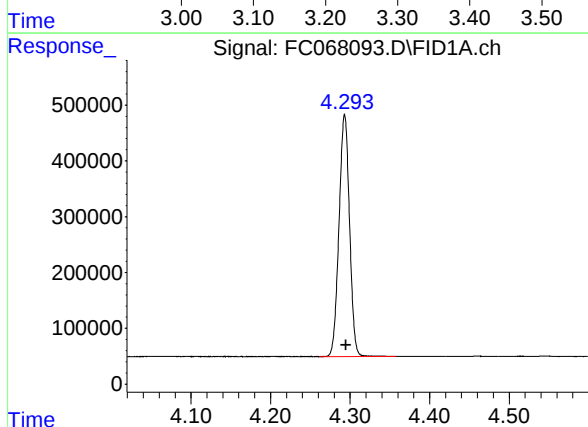
#1 n-Nonane (C9)

R.T.: 3.234 min
Delta R.T.: -0.003 min
Response: 3035224
Conc: 22.13 ug/ml

Instrument :
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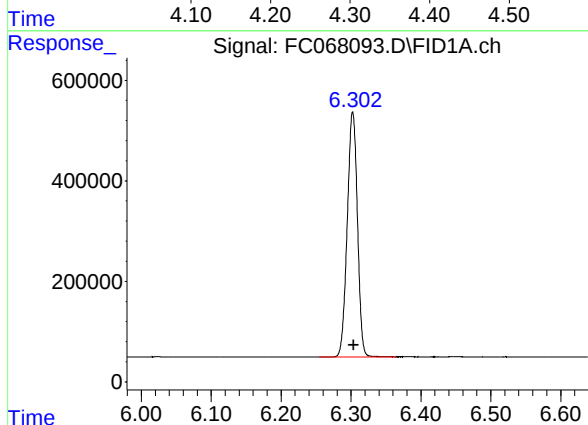
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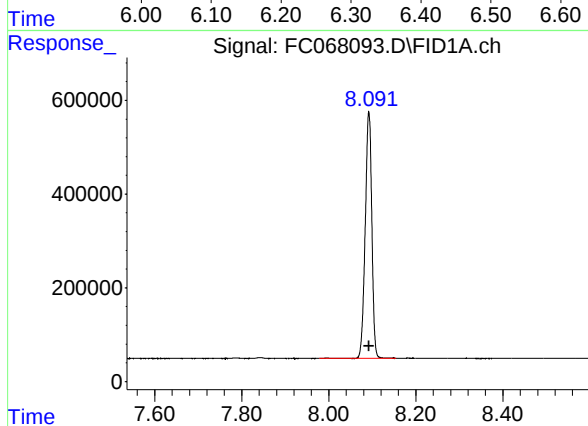
#2 n-Decane (C10)

R.T.: 4.293 min
Delta R.T.: -0.002 min
Response: 3983800
Conc: 28.82 ug/ml



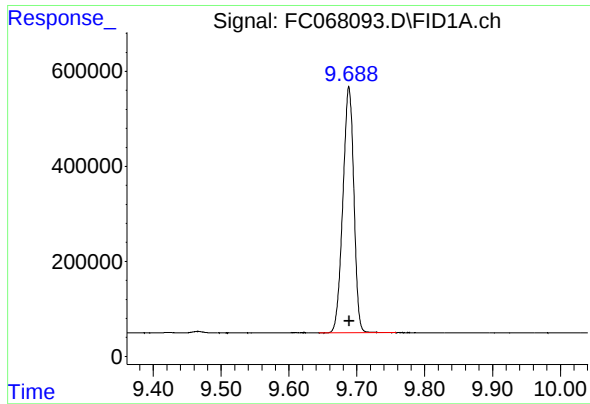
#4 n-Dodecane (C12)

R.T.: 6.302 min
Delta R.T.: -0.001 min
Response: 4939462
Conc: 35.72 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.092 min
Delta R.T.: 0.000 min
Response: 5526181
Conc: 40.89 ug/ml



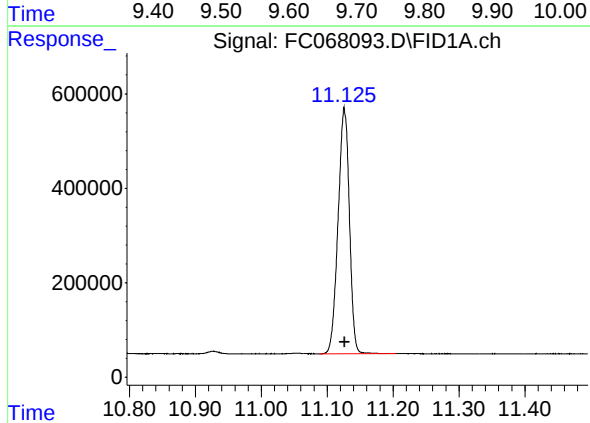
#7 n-Hexadecane (C16)

R.T.: 9.688 min
Delta R.T.: 0.000 min
Response: 5830340
Conc: 42.48 ug/ml

Instrument :
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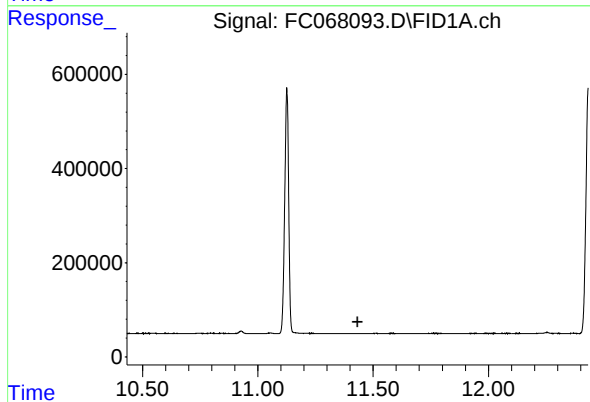
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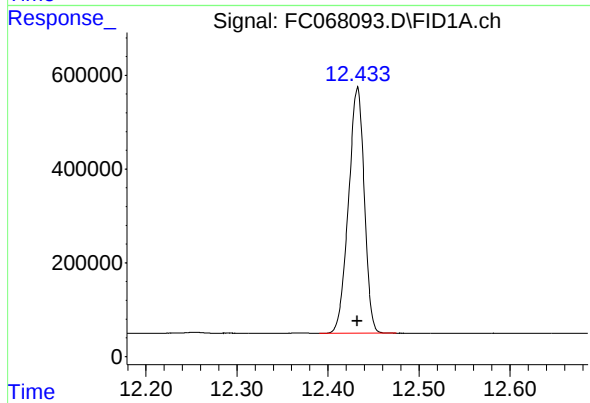
#8 n-Octadecane (C18)

R.T.: 11.126 min
Delta R.T.: 0.000 min
Response: 6205749
Conc: 45.08 ug/ml



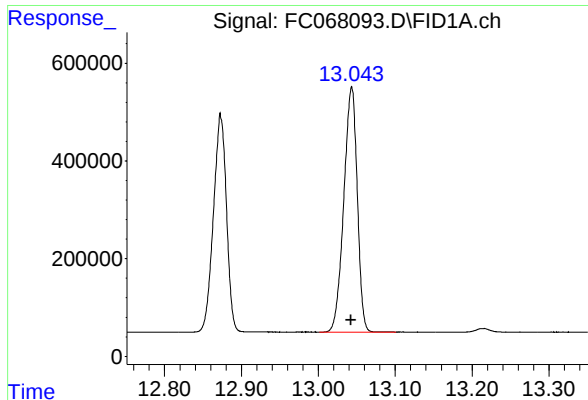
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.432 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.433 min
Delta R.T.: 0.000 min
Response: 6333324
Conc: 48.28 ug/ml m



#11 n-Heneicosane (C21)

R.T.: 13.043 min
Delta R.T.: 0.000 min
Response: 6081086
Conc: 47.31 ug/ml

Instrument :

FID_C

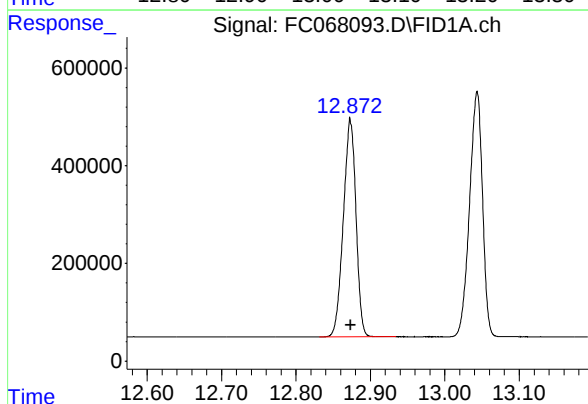
ClientSampleId :

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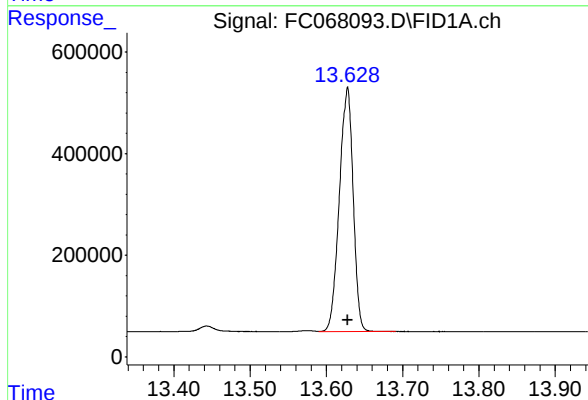
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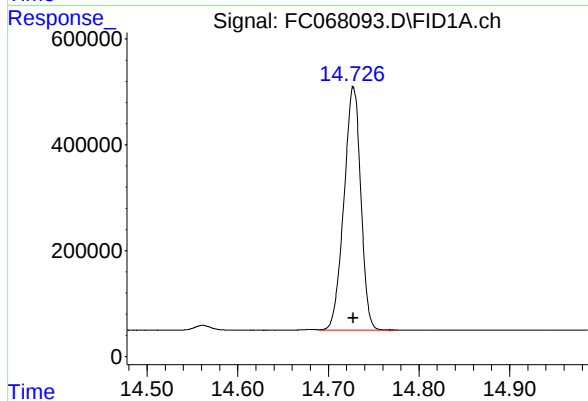
#12 1-chlorooctadecane (SURR)

R.T.: 12.873 min
Delta R.T.: 0.000 min
Response: 5261590
Conc: 46.36 ug/ml



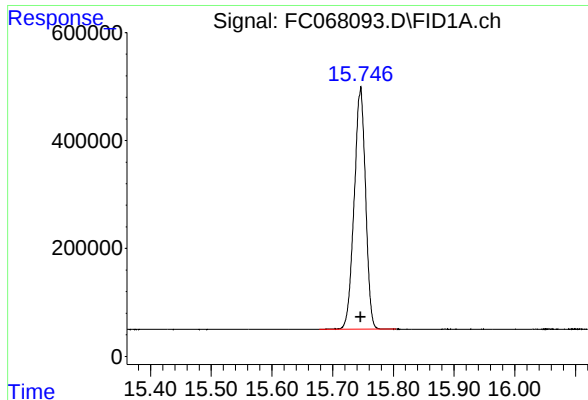
#13 n-Docosane (C22)

R.T.: 13.627 min
Delta R.T.: 0.000 min
Response: 6061800
Conc: 47.79 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.726 min
Delta R.T.: -0.001 min
Response: 5948717
Conc: 47.65 ug/ml m



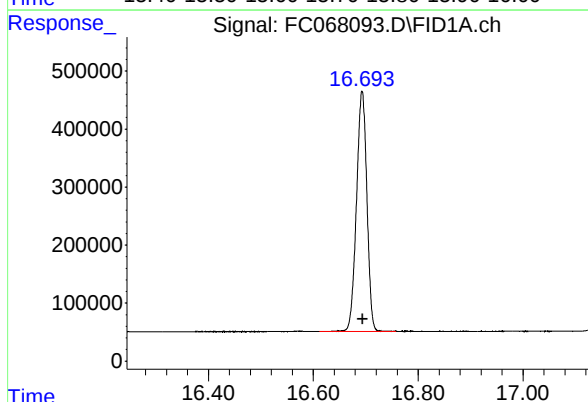
#15 n-Hexacosane (C26)

R.T.: 15.746 min
Delta R.T.: 0.000 min
Response: 5839694
Conc: 47.93 ug/ml

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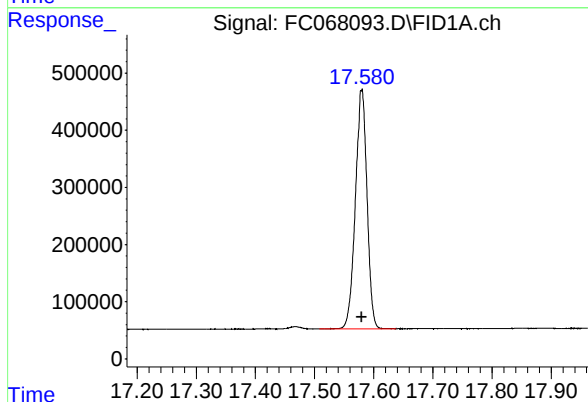
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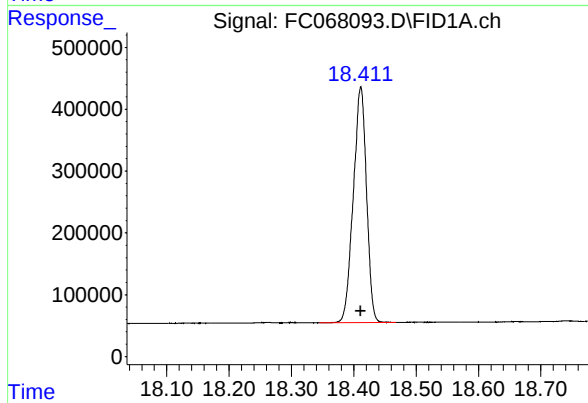
#16 n-Octacosane (C28)

R.T.: 16.693 min
Delta R.T.: -0.001 min
Response: 5718569
Conc: 48.12 ug/ml



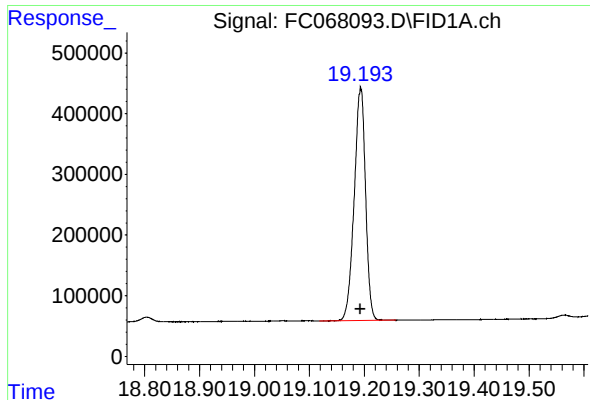
#17 n-Tricontane (C30)

R.T.: 17.580 min
Delta R.T.: 0.000 min
Response: 5717046
Conc: 47.90 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.411 min
Delta R.T.: 0.000 min
Response: 5612632
Conc: 49.33 ug/ml



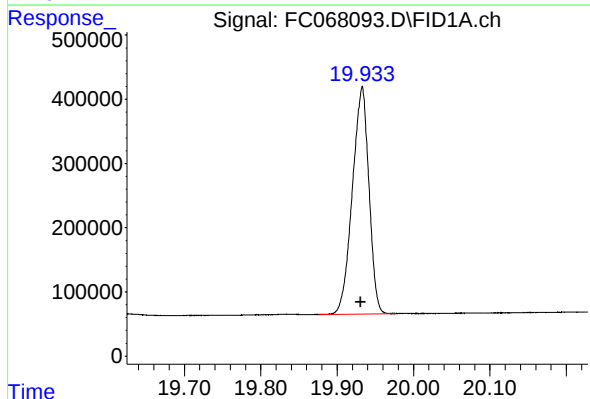
#19 n-Tetratriacontane (C34)

R.T.: 19.193 min
Delta R.T.: 0.000 min
Response: 5504984
Conc: 55.30 ug/ml

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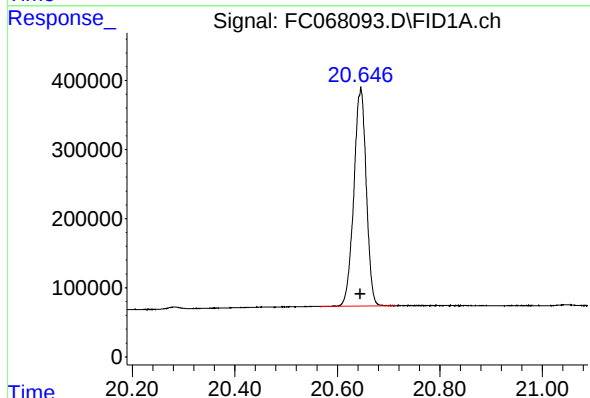
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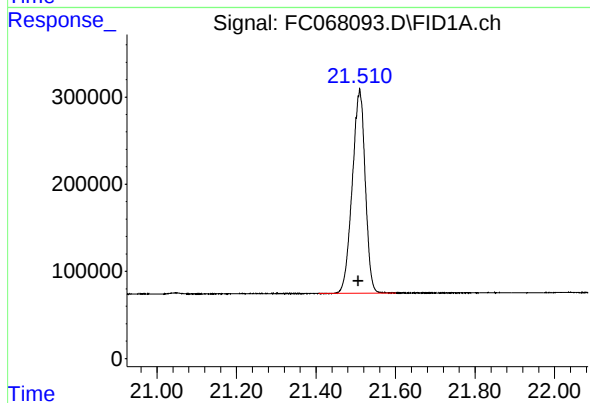
#20 n-Hexatriacontane (C36)

R.T.: 19.933 min
Delta R.T.: 0.002 min
Response: 5344110
Conc: 61.49 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.645 min
Delta R.T.: 0.000 min
Response: 5298533
Conc: 64.13 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.510 min
Delta R.T.: 0.003 min
Response: 5283125
Conc: 65.67 ug/ml