

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040125AL\
 Data File : FC068470.D
 Signal(s) : FID1A.ch
 Acq On : 01 Apr 2025 16:46
 Operator : YP/AJ
 Sample : PB167402BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB167402BS

Integration File: autoint1.e
 Quant Time: Apr 02 02:58:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032625.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 26 13:35:27 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			
12) S 1-chlorooctadecane (S...	12.827	5962488	39.997 ug/ml
Spiked Amount 50.000		Recovery =	79.99%
Target Compounds			
1) T n-Nonane (C9)	3.199	4686438	29.301 ug/ml
2) T n-Decane (C10)	4.254	5958879	36.759 ug/ml
4) T n-Dodecane (C12)	6.260	7525309	45.633 ug/ml
6) T n-Tetradecane (C14)	8.048	8737339	53.102 ug/ml
7) T n-Hexadecane (C16)	9.644	9308936	54.169 ug/ml
8) T n-Octadecane (C18)	11.082	9552707	54.423 ug/ml
10) T n-Eicosane (C20)	12.388	9928005	57.969 ug/ml
11) T n-Heneicosane (C21)	12.998	9538408	56.864 ug/ml
13) T n-Docosane (C22)	13.583	9445724	55.991 ug/ml
14) T n-Tetracosane (C24)	14.683	9178597	53.594 ug/ml
15) T n-Hexacosane (C26)	15.702	8874979	52.731 ug/ml
16) T n-Octacosane (C28)	16.650	8476023	50.690 ug/ml
17) T n-Tricontane (C30)	17.536	8356777	47.929 ug/ml
18) T n-Dotriacontane (C32)	18.367	8033669	47.990 ug/ml
19) T n-Tetratriacontane (C34)	19.149	7685378	52.104 ug/ml
20) T n-Hexatriacontane (C36)	19.888	7177111	58.646 ug/ml
21) T n-Octatriacontane (C38)	20.598	6910199	64.350 ug/ml
22) T n-Tetracontane (C40)	21.447	6748291	68.856 ug/ml

(f)=RT Delta > 1/2 Window

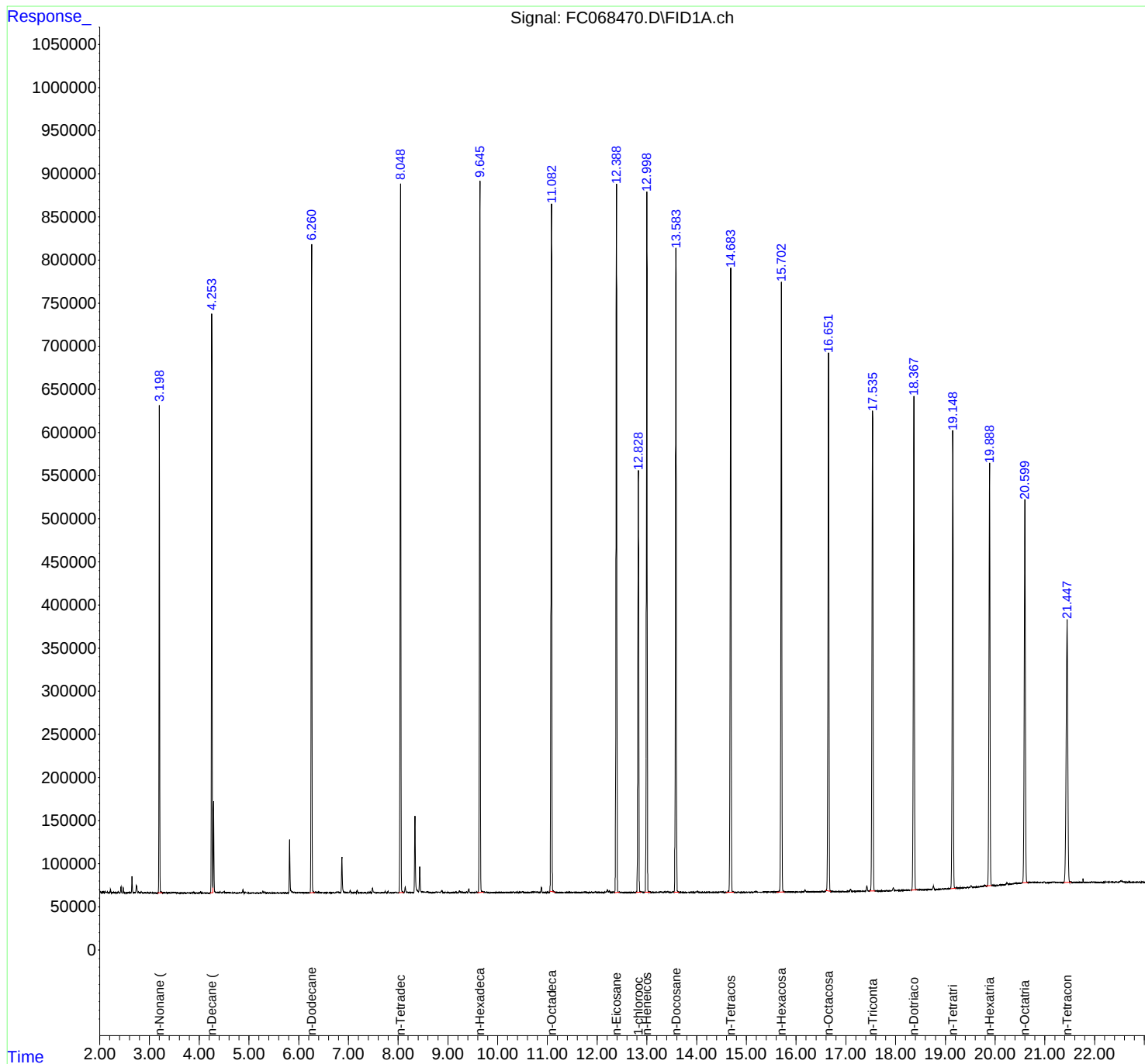
(m)=manual int.

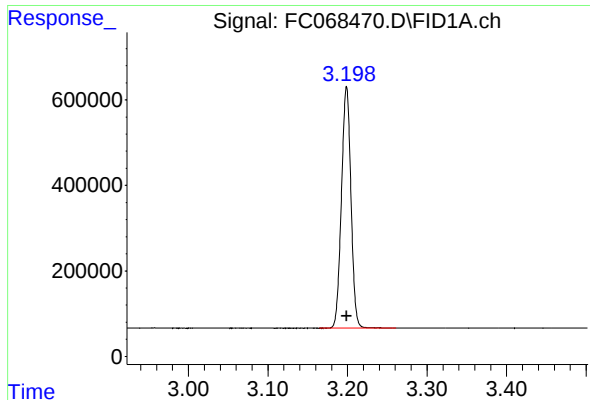
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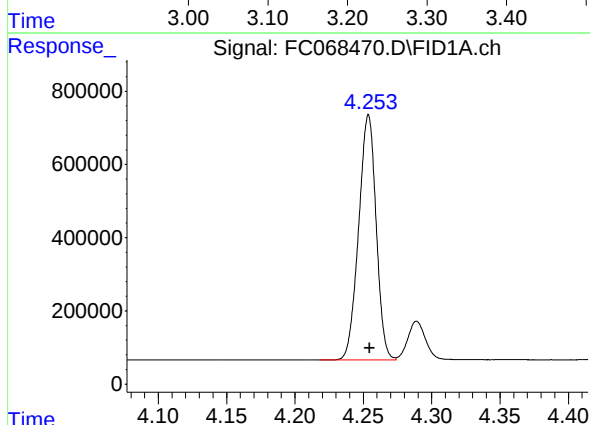




#1 n-Nonane (C9)

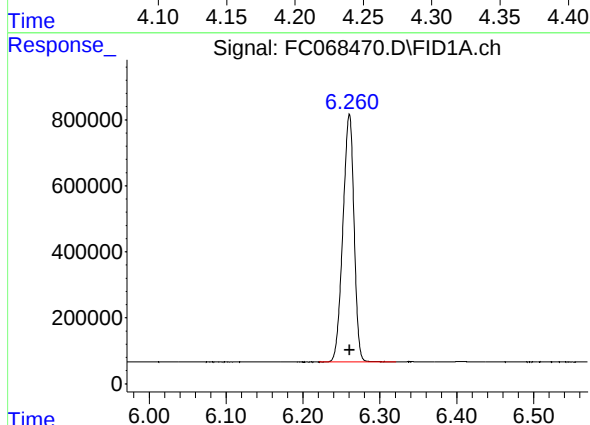
R.T.: 3.199 min
Delta R.T.: 0.000 min
Response: 4686438
Conc: 29.30 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167402BS



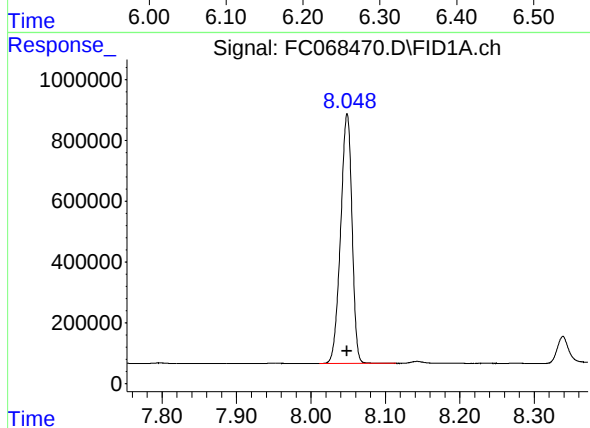
#2 n-Decane (C10)

R.T.: 4.254 min
Delta R.T.: -0.001 min
Response: 5958879
Conc: 36.76 ug/ml



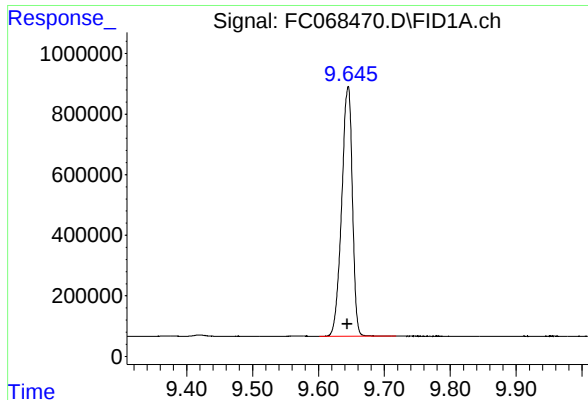
#4 n-Dodecane (C12)

R.T.: 6.260 min
Delta R.T.: -0.001 min
Response: 7525309
Conc: 45.63 ug/ml



#6 n-Tetradecane (C14)

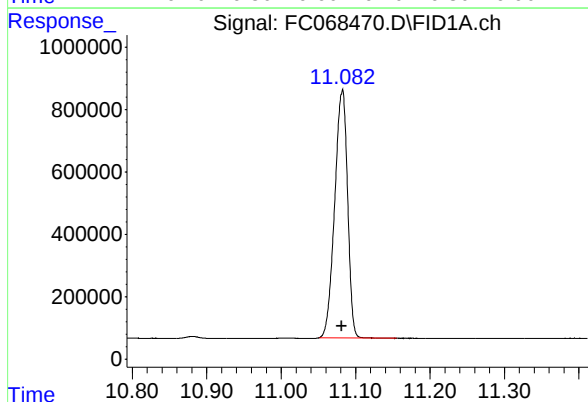
R.T.: 8.048 min
Delta R.T.: 0.000 min
Response: 8737339
Conc: 53.10 ug/ml



#7 n-Hexadecane (C16)

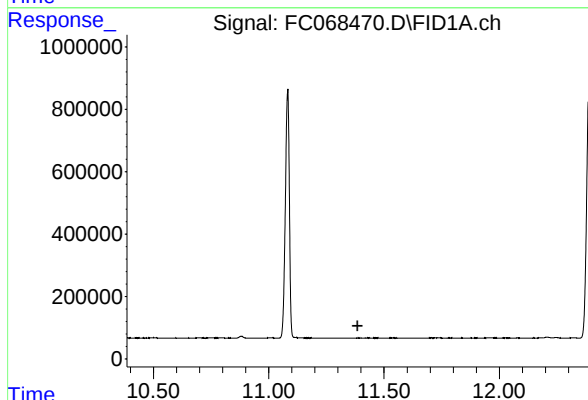
R.T.: 9.644 min
Delta R.T.: 0.000 min
Response: 9308936
Conc: 54.17 ug/ml

Instrument :
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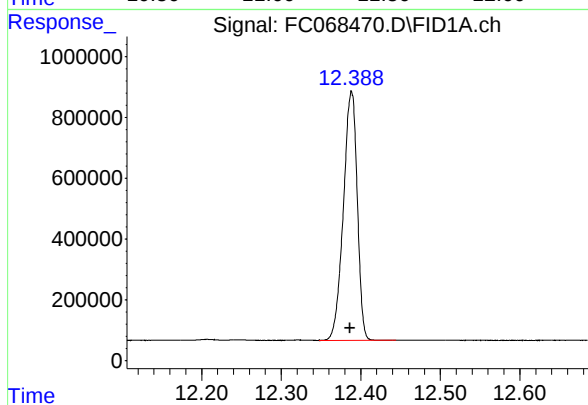
#8 n-Octadecane (C18)

R.T.: 11.082 min
Delta R.T.: 0.000 min
Response: 9552707
Conc: 54.42 ug/ml



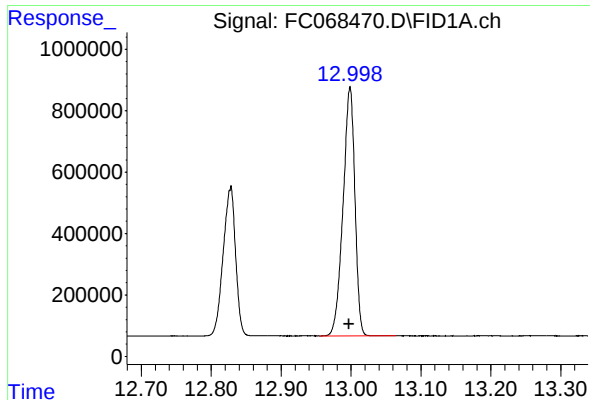
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.385 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

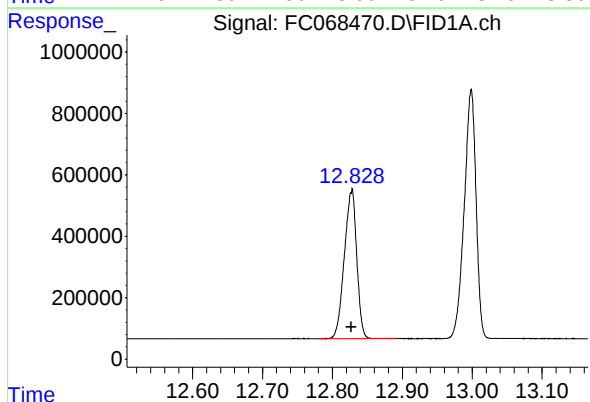
R.T.: 12.388 min
Delta R.T.: 0.002 min
Response: 9928005
Conc: 57.97 ug/ml



#11 n-Heneicosane (C21)

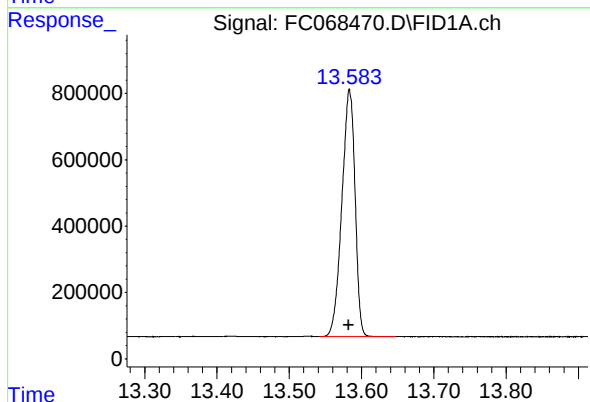
R.T.: 12.998 min
Delta R.T.: 0.001 min
Response: 9538408
Conc: 56.86 ug/ml

Instrument :
FID_C
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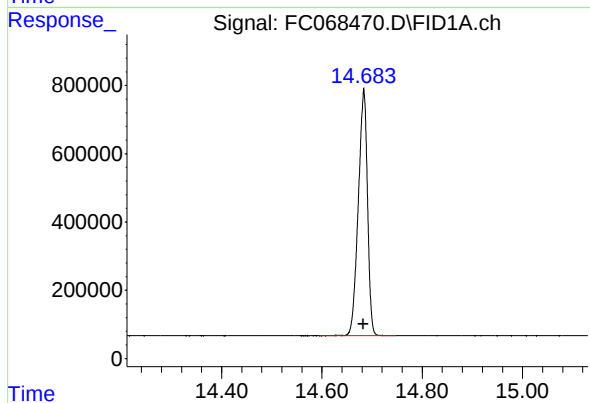
#12 1-chlorooctadecane (SURR)

R.T.: 12.827 min
Delta R.T.: 0.000 min
Response: 5962488
Conc: 40.00 ug/ml



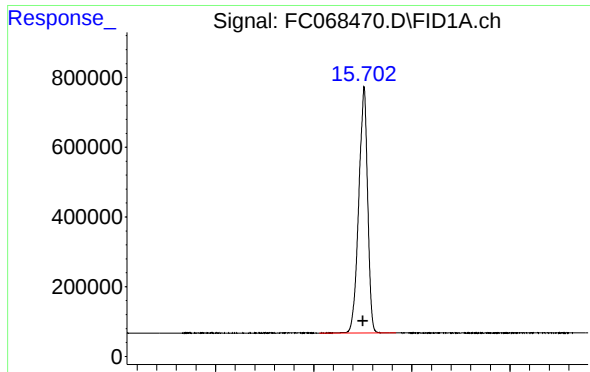
#13 n-Docosane (C22)

R.T.: 13.583 min
Delta R.T.: 0.001 min
Response: 9445724
Conc: 55.99 ug/ml



#14 n-Tetracosane (C24)

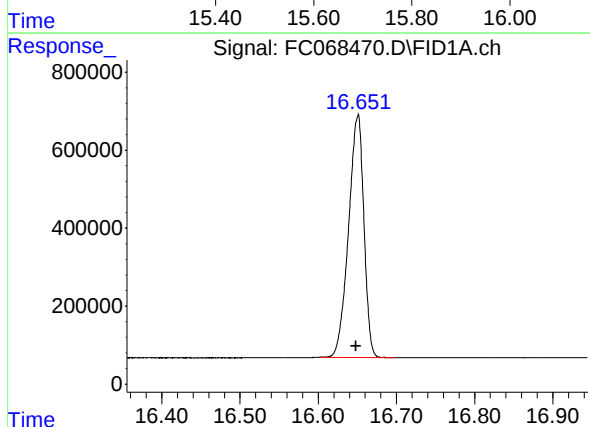
R.T.: 14.683 min
Delta R.T.: 0.000 min
Response: 9178597
Conc: 53.59 ug/ml



#15 n-Hexacosane (C26)

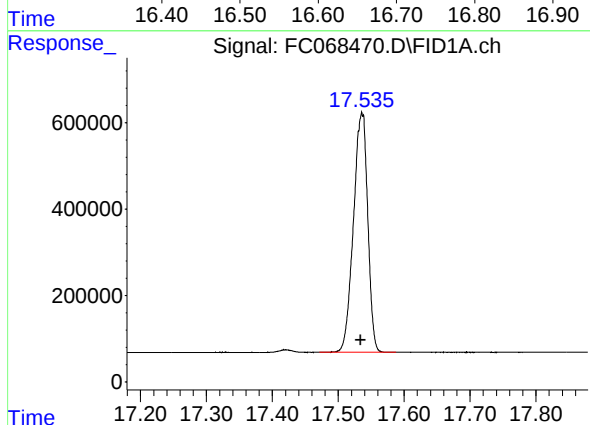
R.T.: 15.702 min
Delta R.T.: 0.002 min
Response: 8874979
Conc: 52.73 ug/ml

Instrument :
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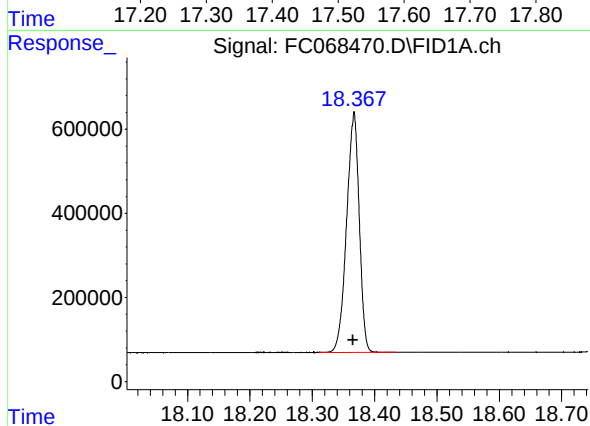
#16 n-Octacosane (C28)

R.T.: 16.650 min
Delta R.T.: 0.002 min
Response: 8476023
Conc: 50.69 ug/ml



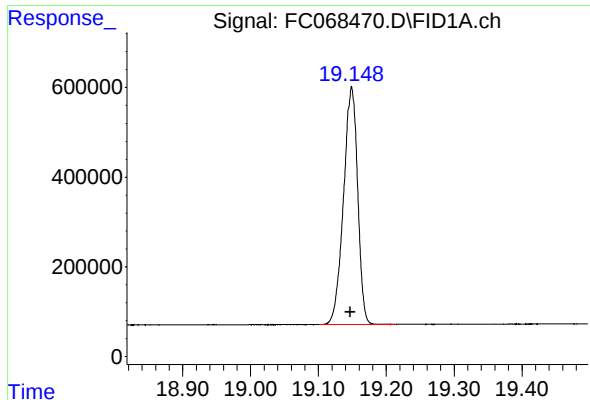
#17 n-Tricontane (C30)

R.T.: 17.536 min
Delta R.T.: 0.001 min
Response: 8356777
Conc: 47.93 ug/ml



#18 n-Dotriacontane (C32)

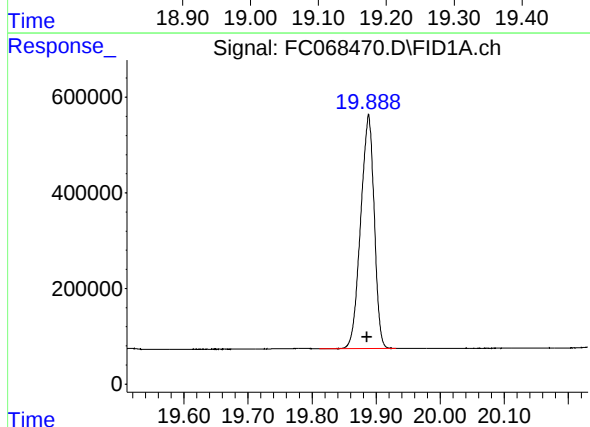
R.T.: 18.367 min
Delta R.T.: 0.001 min
Response: 8033669
Conc: 47.99 ug/ml



#19 n-Tetratriacontane (C34)

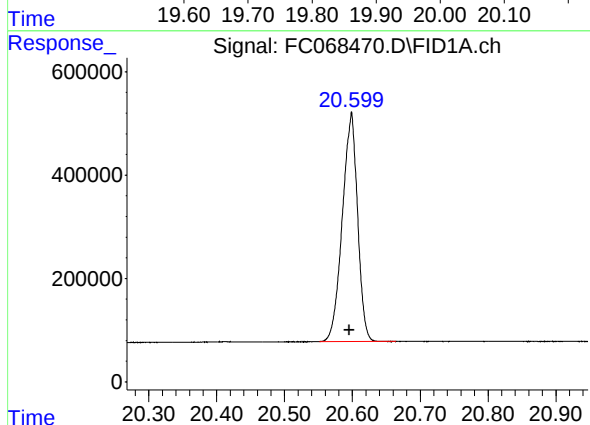
R.T.: 19.149 min
Delta R.T.: 0.001 min
Response: 7685378
Conc: 52.10 ug/ml

Instrument :
FID_C
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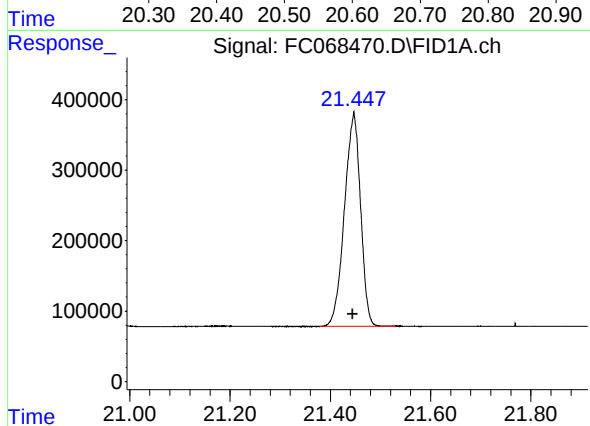
#20 n-Hexatriacontane (C36)

R.T.: 19.888 min
Delta R.T.: 0.002 min
Response: 7177111
Conc: 58.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.598 min
Delta R.T.: 0.002 min
Response: 6910199
Conc: 64.35 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.447 min
Delta R.T.: 0.002 min
Response: 6748291
Conc: 68.86 ug/ml