

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F101424AL\
 Data File : FC067431.D
 Signal(s) : FID1A.ch
 Acq On : 14 Oct 2024 17:15
 Operator : YP/AJ
 Sample : PB164109BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB164109BS

Integration File: autoint1.e
 Quant Time: Oct 15 04:31:44 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 09:13:32 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...	12.941	3920928	34.639 ug/ml
Spiked Amount 50.000		Recovery =	69.28%
Target Compounds			
1) T n-Nonane (C9)	3.276	2995742	23.633 ug/ml
2) T n-Decane (C10)	4.341	3775912	29.375 ug/ml
4) T n-Dodecane (C12)	6.358	4654298	35.868 ug/ml
6) T n-Tetradecane (C14)	8.151	5214980	40.490 ug/ml
7) T n-Hexadecane (C16)	9.751	5458391	41.004 ug/ml
8) T n-Octadecane (C18)	11.191	5588397	41.212 ug/ml
10) T n-Eicosane (C20)	12.499	5649826	43.271 ug/ml
11) T n-Heneicosane (C21)	13.111	5434311	42.371 ug/ml
13) T n-Docosane (C22)	13.696	5400564	42.295 ug/ml
14) T n-Tetracosane (C24)	14.798	5310949	41.527 ug/ml
15) T n-Hexacosane (C26)	15.817	5214931	41.360 ug/ml
16) T n-Octacosane (C28)	16.766	5138908	40.905 ug/ml
17) T n-Tricontane (C30)	17.653	5162295	40.072 ug/ml
18) T n-Dotriacontane (C32)	18.484	5134298	41.098 ug/ml
19) T n-Tetratriacontane (C34)	19.267	5131530	46.959 ug/ml
20) T n-Hexatriacontane (C36)	20.006	5078849	53.734 ug/ml
21) T n-Octatriacontane (C38)	20.732	5119291	58.373 ug/ml
22) T n-Tetracontane (C40)	21.623	5110938	59.396 ug/ml

(f)=RT Delta > 1/2 Window

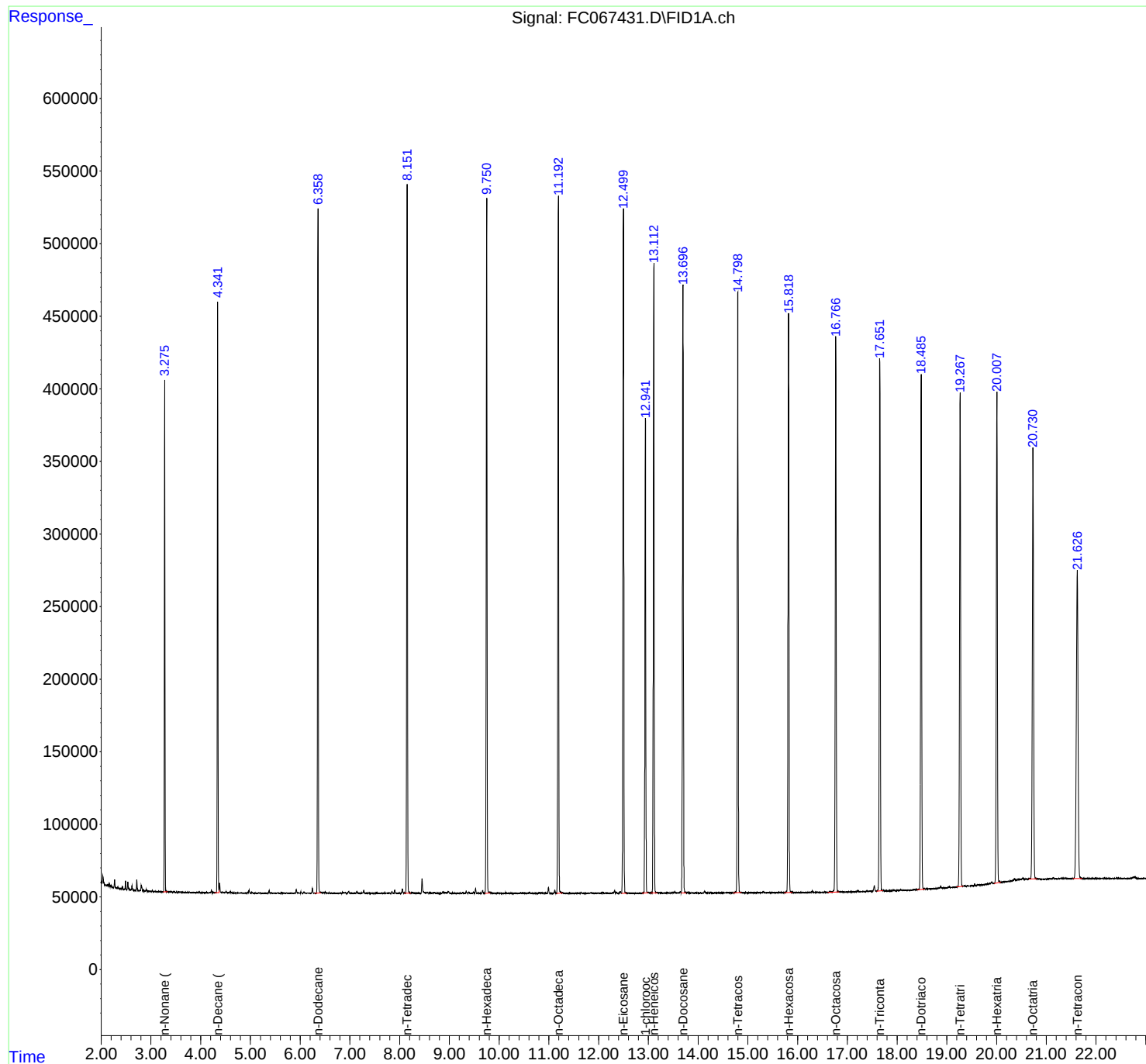
(m)=manual int.

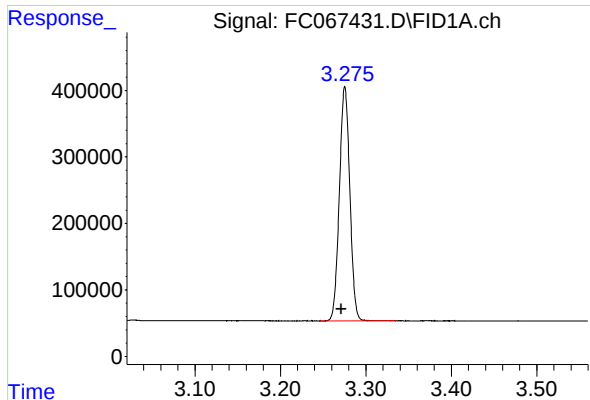
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101424AL\
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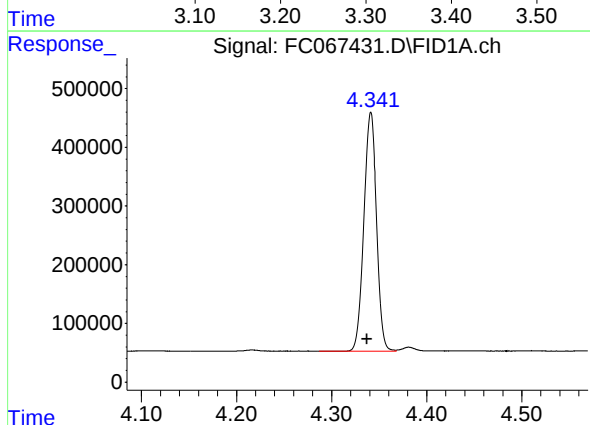




#1 n-Nonane (C9)

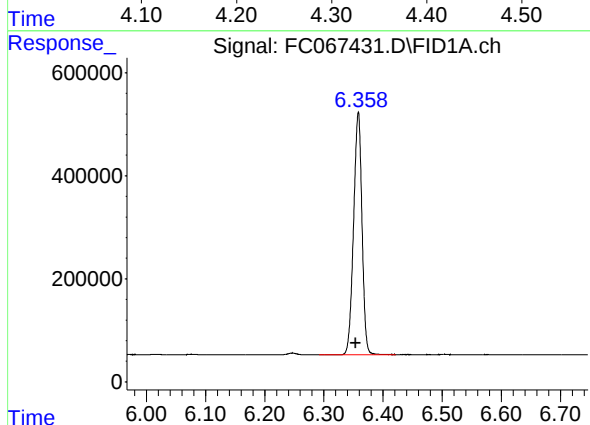
R.T.: 3.276 min
Delta R.T.: 0.005 min
Response: 2995742
Conc: 23.63 ug/ml

Instrument :
FID_C
ClientSampleId :
PB164109BS



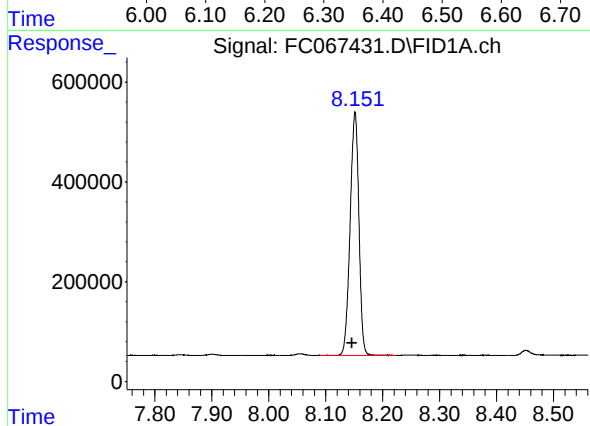
#2 n-Decane (C10)

R.T.: 4.341 min
Delta R.T.: 0.004 min
Response: 3775912
Conc: 29.37 ug/ml



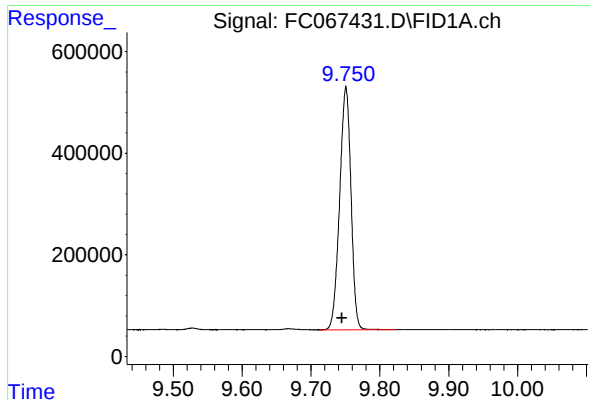
#4 n-Dodecane (C12)

R.T.: 6.358 min
Delta R.T.: 0.005 min
Response: 4654298
Conc: 35.87 ug/ml



#6 n-Tetradecane (C14)

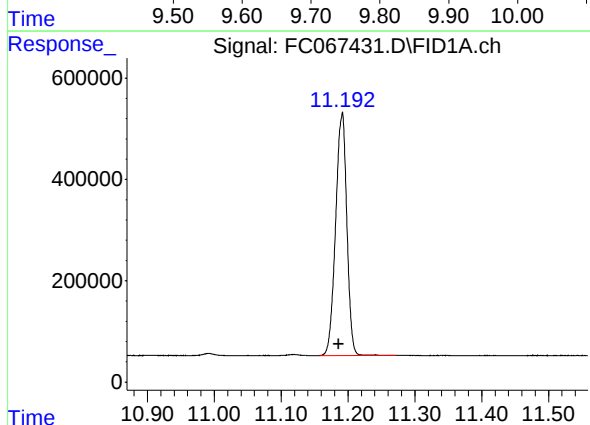
R.T.: 8.151 min
Delta R.T.: 0.005 min
Response: 5214980
Conc: 40.49 ug/ml



#7 n-Hexadecane (C16)

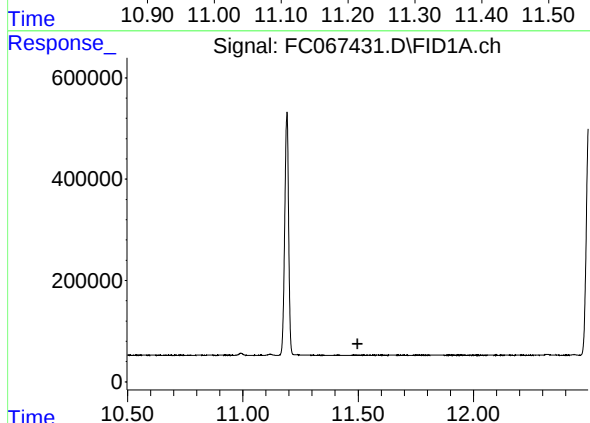
R.T.: 9.751 min
Delta R.T.: 0.006 min
Response: 5458391
Conc: 41.00 ug/ml

Instrument :
FID_C
ClientSampleId :
PB164109BS



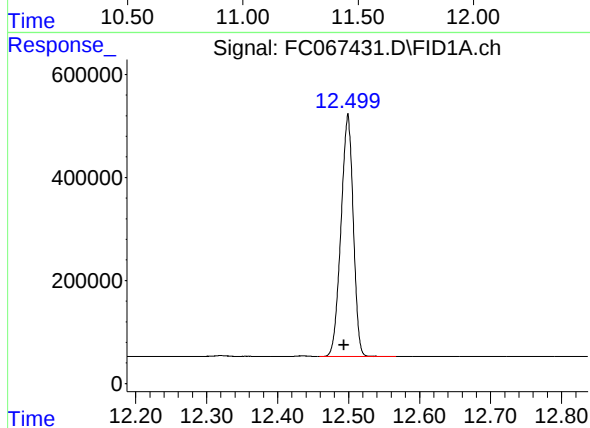
#8 n-Octadecane (C18)

R.T.: 11.191 min
Delta R.T.: 0.005 min
Response: 5588397
Conc: 41.21 ug/ml



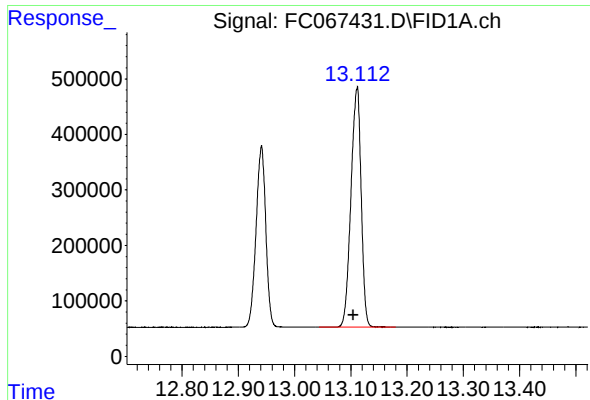
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.497 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

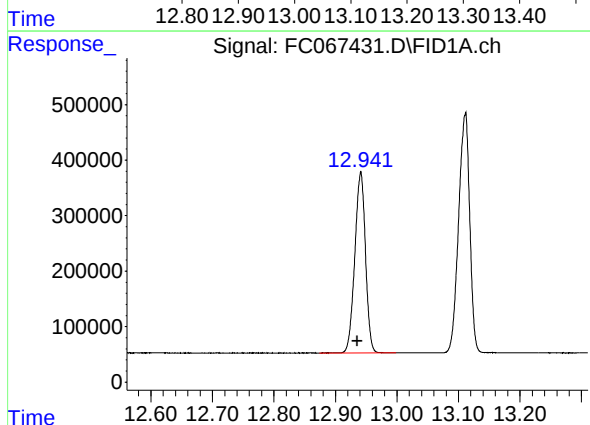
R.T.: 12.499 min
Delta R.T.: 0.005 min
Response: 5649826
Conc: 43.27 ug/ml



#11 n-Heneicosane (C21)

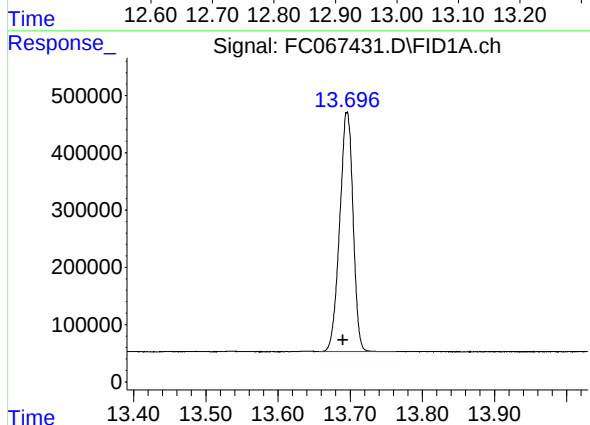
R.T.: 13.111 min
Delta R.T.: 0.006 min
Response: 5434311
Conc: 42.37 ug/ml

Instrument :
FID_C
ClientSampleId :
PB164109BS



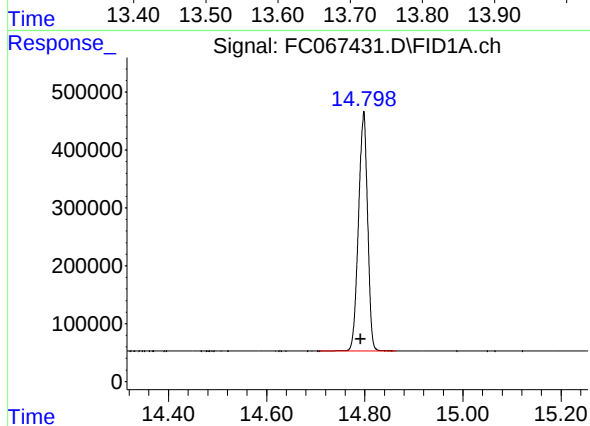
#12 1-chlorooctadecane (SURR)

R.T.: 12.941 min
Delta R.T.: 0.005 min
Response: 3920928
Conc: 34.64 ug/ml



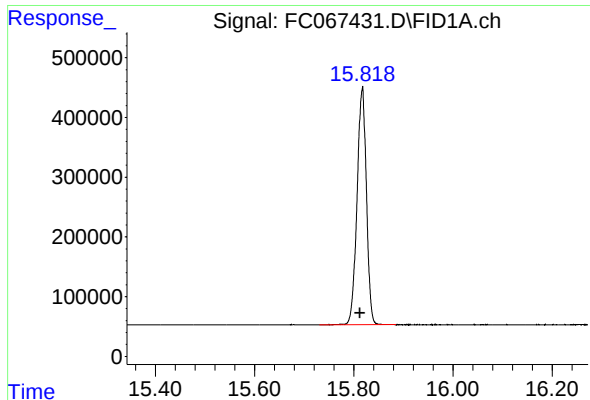
#13 n-Docosane (C22)

R.T.: 13.696 min
Delta R.T.: 0.005 min
Response: 5400564
Conc: 42.30 ug/ml



#14 n-Tetracosane (C24)

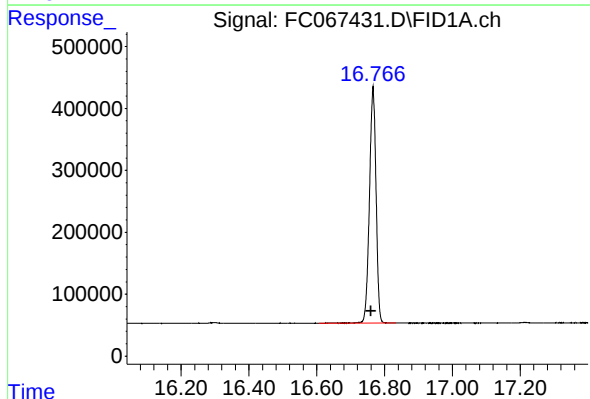
R.T.: 14.798 min
Delta R.T.: 0.006 min
Response: 5310949
Conc: 41.53 ug/ml



#15 n-Hexacosane (C26)

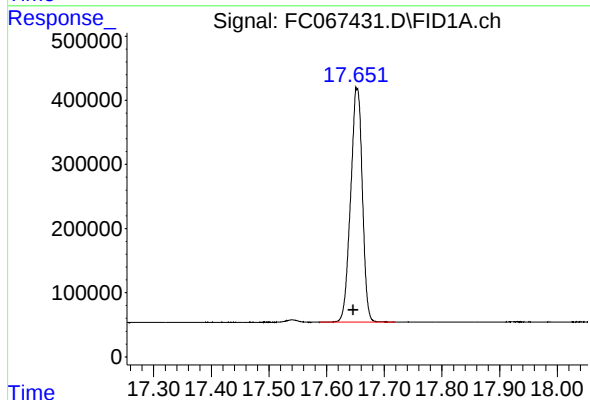
R.T.: 15.817 min
Delta R.T.: 0.004 min
Response: 5214931
Conc: 41.36 ug/ml

Instrument :
FID_C
ClientSampleId :
PB164109BS



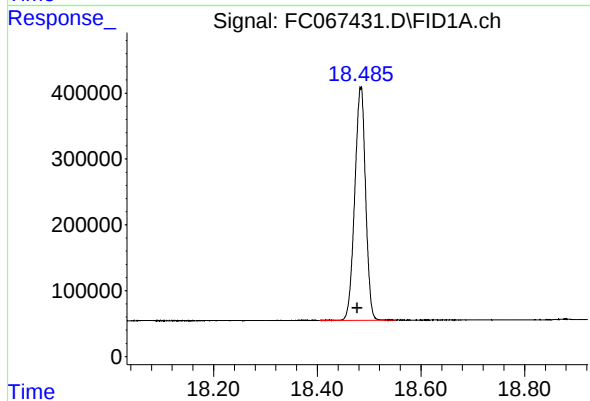
#16 n-Octacosane (C28)

R.T.: 16.766 min
Delta R.T.: 0.006 min
Response: 5138908
Conc: 40.91 ug/ml



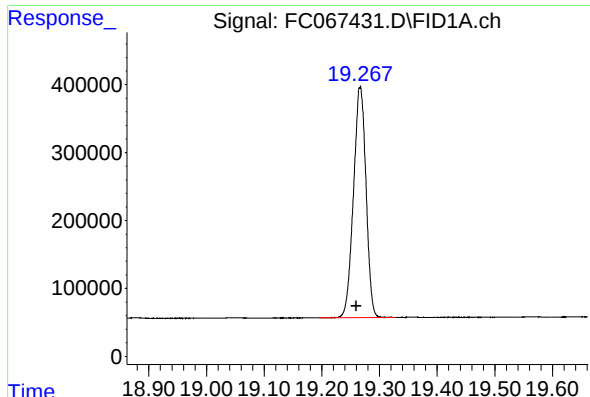
#17 n-Tricontane (C30)

R.T.: 17.653 min
Delta R.T.: 0.007 min
Response: 5162295
Conc: 40.07 ug/ml



#18 n-Dotriacontane (C32)

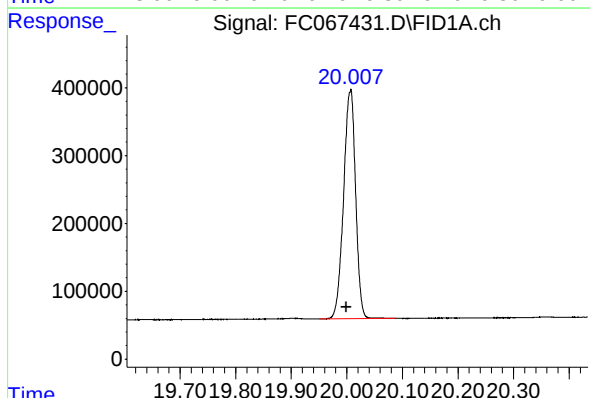
R.T.: 18.484 min
Delta R.T.: 0.006 min
Response: 5134298
Conc: 41.10 ug/ml



#19 n-Tetratriacontane (C34)

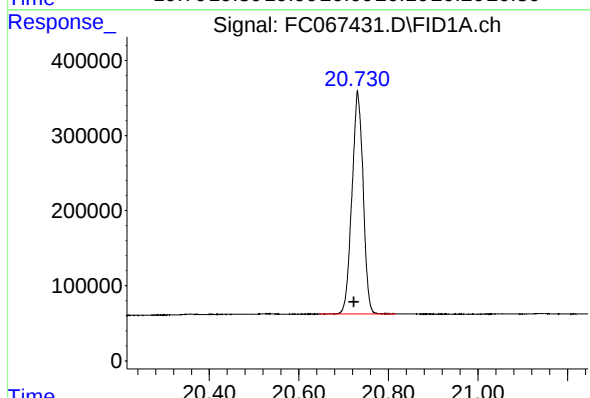
R.T.: 19.267 min
Delta R.T.: 0.007 min
Response: 5131530
Conc: 46.96 ug/ml

Instrument :
FID_C
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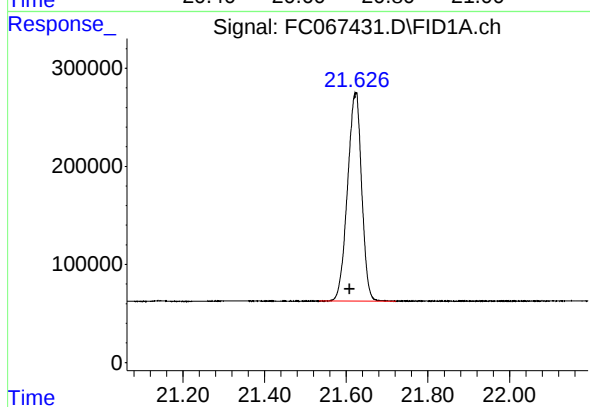
#20 n-Hexatriacontane (C36)

R.T.: 20.006 min
Delta R.T.: 0.007 min
Response: 5078849
Conc: 53.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.732 min
Delta R.T.: 0.009 min
Response: 5119291
Conc: 58.37 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.623 min
Delta R.T.: 0.015 min
Response: 5110938
Conc: 59.40 ug/ml