

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050225AL\
 Data File : FC068744.D
 Signal(s) : FID1A.ch
 Acq On : 02 May 2025 13:26
 Operator : YP/AJ
 Sample : PB167840BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB167840BS

Integration File: sample.E
 Quant Time: May 03 00:40:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040925.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 17:31:27 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...	13.150	3738287	40.243 ug/ml
Spiked Amount 50.000		Recovery =	80.49%
Target Compounds			
1) T n-Nonane (C9)	3.444	2706378	25.696 ug/ml
2) T n-Decane (C10)	4.520	3309614	31.412 ug/ml
4) T n-Dodecane (C12)	6.546	3768952	35.839 ug/ml
6) T n-Tetradecane (C14)	8.344	4291565	41.745 ug/ml
7) T n-Hexadecane (C16)	9.948	4818648	47.315 ug/ml
8) T n-Octadecane (C18)	11.392	5159020	51.266 ug/ml
10) T n-Eicosane (C20)	12.704	5388595	54.784 ug/ml
11) T n-Heneicosane (C21)	13.317	5166346	53.012 ug/ml
13) T n-Docosane (C22)	13.904	5155796	53.375 ug/ml
14) T n-Tetracosane (C24)	15.007	5066549	53.229 ug/ml
15) T n-Hexacosane (C26)	16.030	4935571	52.841 ug/ml
16) T n-Octacosane (C28)	16.982	4906702	53.592 ug/ml
17) T n-Tricontane (C30)	17.871	4975874	54.126 ug/ml
18) T n-Dotriacontane (C32)	18.705	4957894	54.050 ug/ml
19) T n-Tetratriacontane (C34)	19.490	4887925	54.712 ug/ml
20) T n-Hexatriacontane (C36)	20.231	4693982	52.400 ug/ml
21) T n-Octatriacontane (C38)	21.008	4601167	52.042 ug/ml
22) T n-Tetracontane (C40)	21.991	4517606	51.159 ug/ml

(f)=RT Delta > 1/2 Window

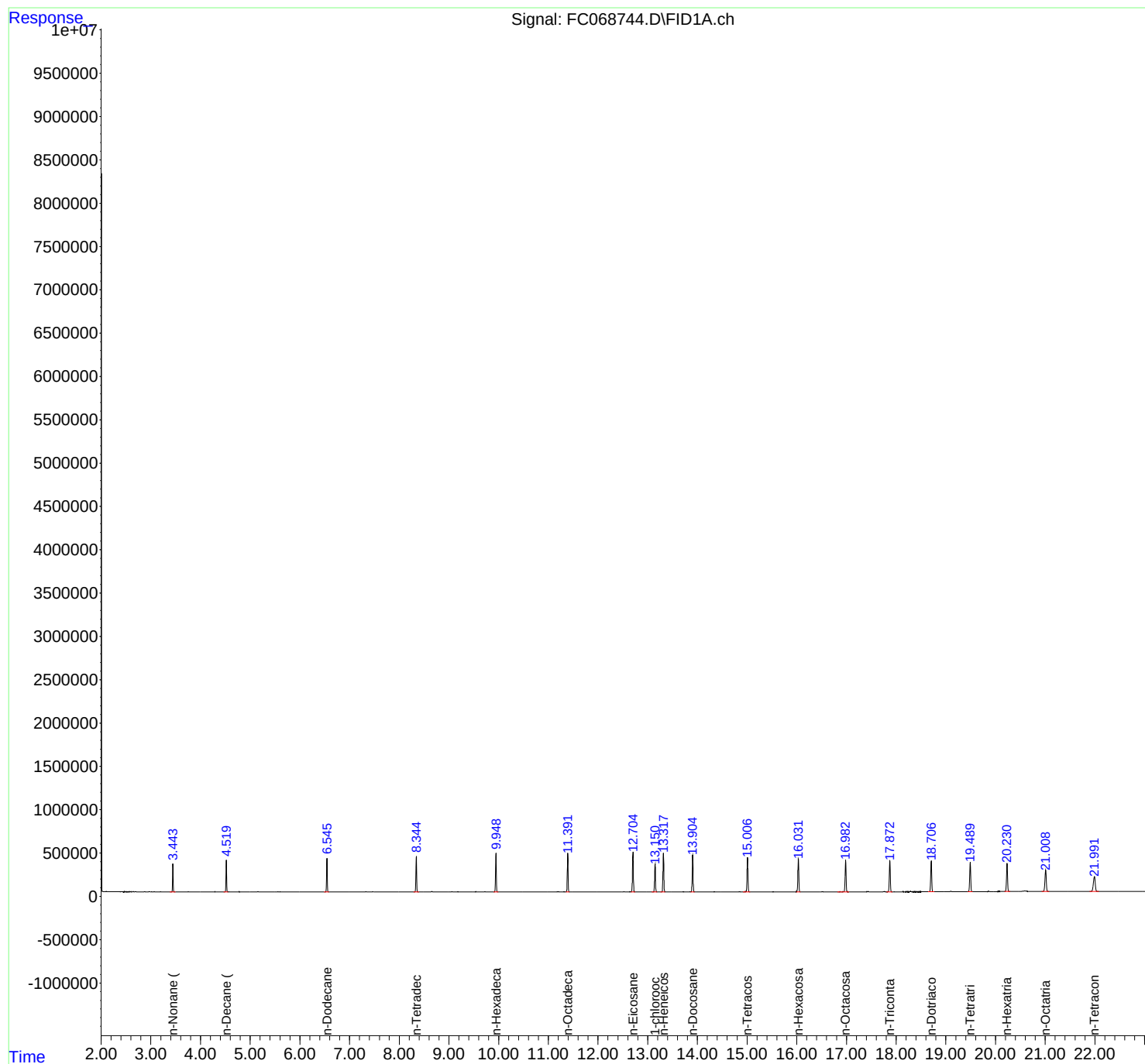
(m)=manual int.

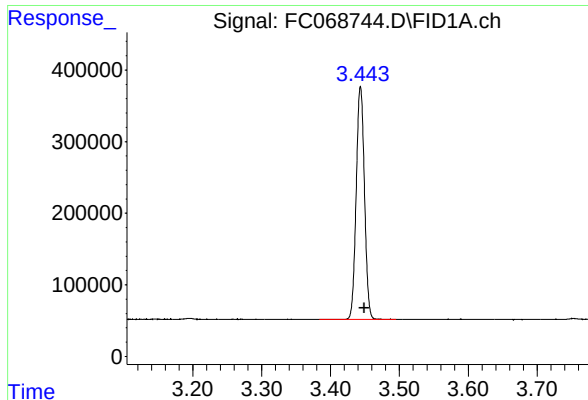
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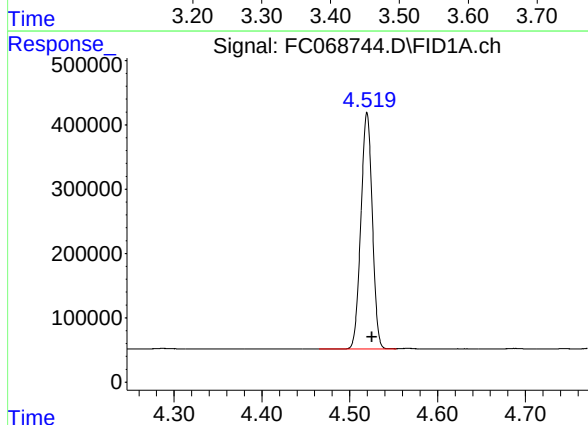




#1 n-Nonane (C9)

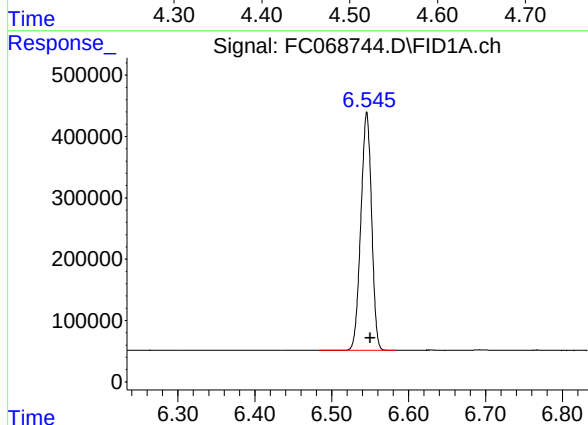
R.T.: 3.444 min
Delta R.T.: -0.005 min
Response: 2706378
Conc: 25.70 ug/ml

Instrument :
FID_C
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PB167840BS



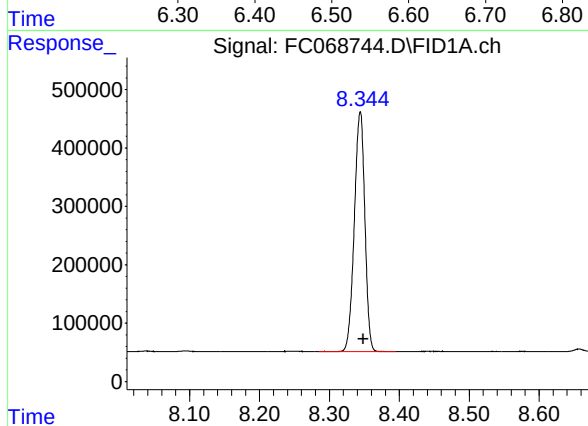
#2 n-Decane (C10)

R.T.: 4.520 min
Delta R.T.: -0.005 min
Response: 3309614
Conc: 31.41 ug/ml



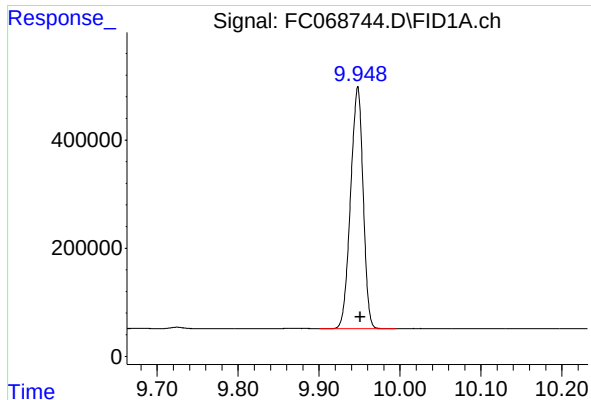
#4 n-Dodecane (C12)

R.T.: 6.546 min
Delta R.T.: -0.005 min
Response: 3768952
Conc: 35.84 ug/ml



#6 n-Tetradecane (C14)

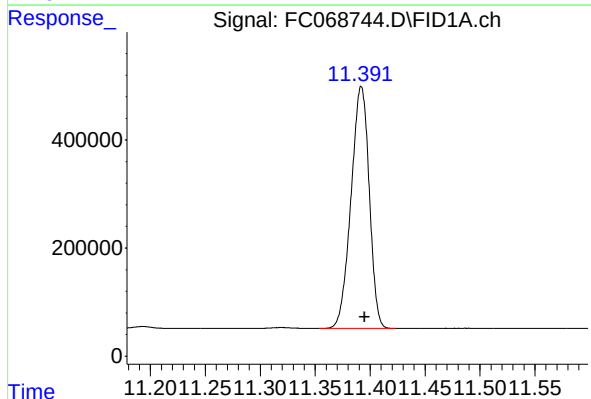
R.T.: 8.344 min
Delta R.T.: -0.005 min
Response: 4291565
Conc: 41.75 ug/ml



#7 n-Hexadecane (C16)

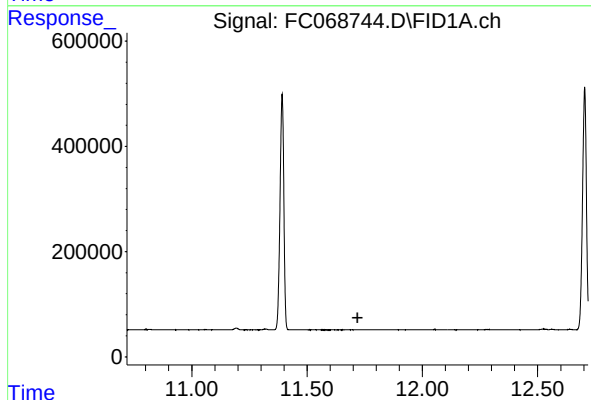
R.T.: 9.948 min
Delta R.T.: -0.003 min
Response: 4818648
Conc: 47.32 ug/ml

Instrument :
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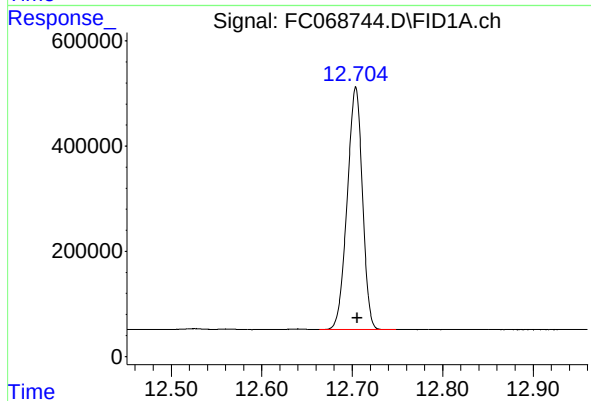
#8 n-Octadecane (C18)

R.T.: 11.392 min
Delta R.T.: -0.003 min
Response: 5159020
Conc: 51.27 ug/ml



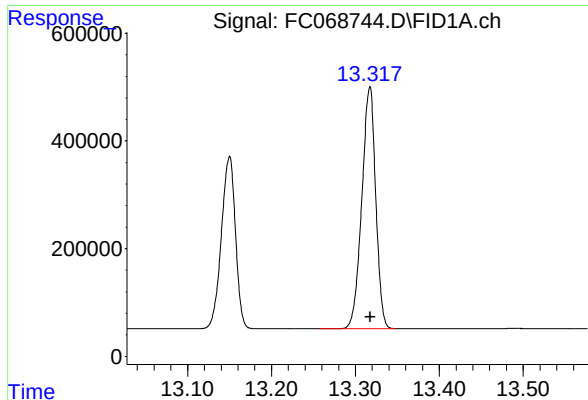
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.719 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

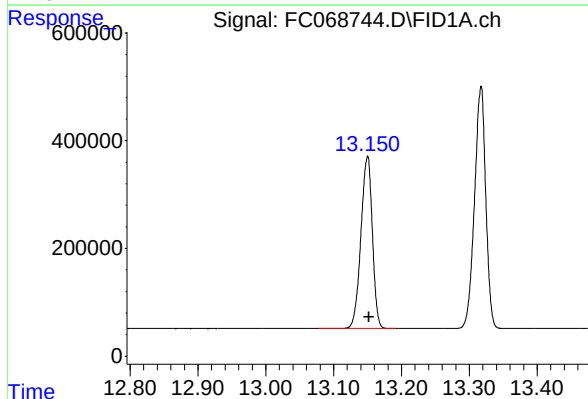
R.T.: 12.704 min
Delta R.T.: -0.002 min
Response: 5388595
Conc: 54.78 ug/ml



#11 n-Heneicosane (C21)

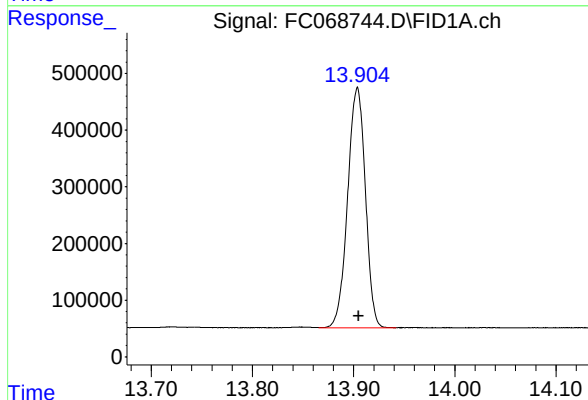
R.T.: 13.317 min
Delta R.T.: 0.000 min
Response: 5166346
Conc: 53.01 ug/ml

Instrument :
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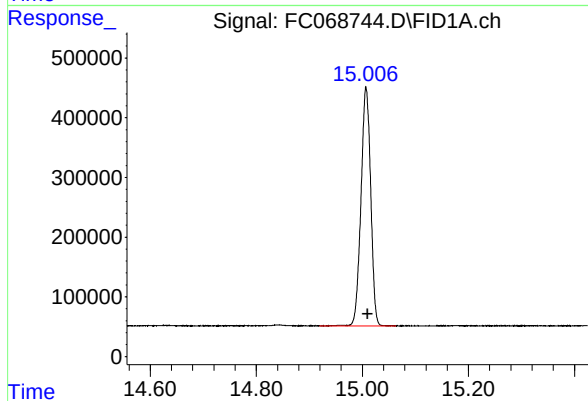
#12 1-chlorooctadecane (SURR)

R.T.: 13.150 min
Delta R.T.: -0.002 min
Response: 3738287
Conc: 40.24 ug/ml



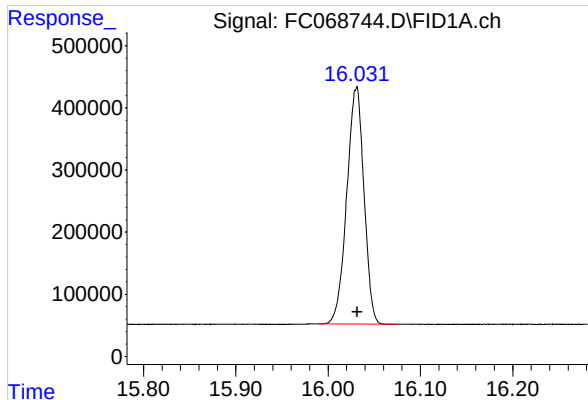
#13 n-Docosane (C22)

R.T.: 13.904 min
Delta R.T.: -0.001 min
Response: 5155796
Conc: 53.38 ug/ml



#14 n-Tetracosane (C24)

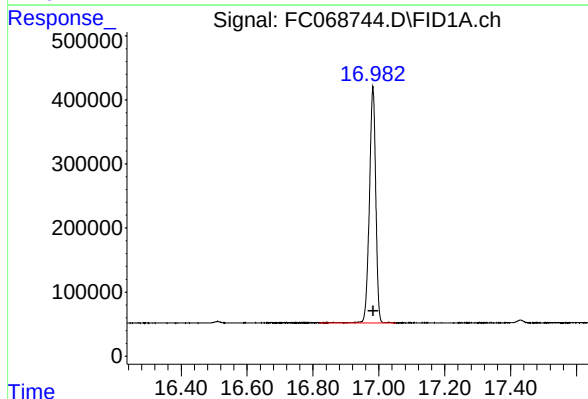
R.T.: 15.007 min
Delta R.T.: -0.003 min
Response: 5066549
Conc: 53.23 ug/ml



#15 n-Hexacosane (C26)

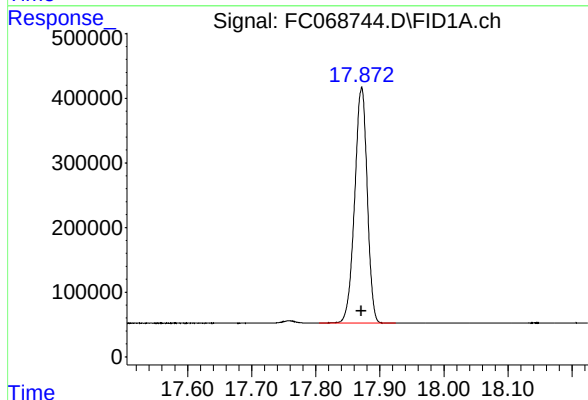
R.T.: 16.030 min
Delta R.T.: -0.001 min
Response: 4935571
Conc: 52.84 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167840BS



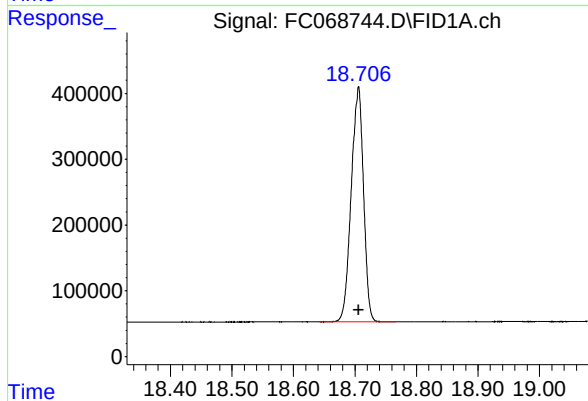
#16 n-Octacosane (C28)

R.T.: 16.982 min
Delta R.T.: -0.002 min
Response: 4906702
Conc: 53.59 ug/ml



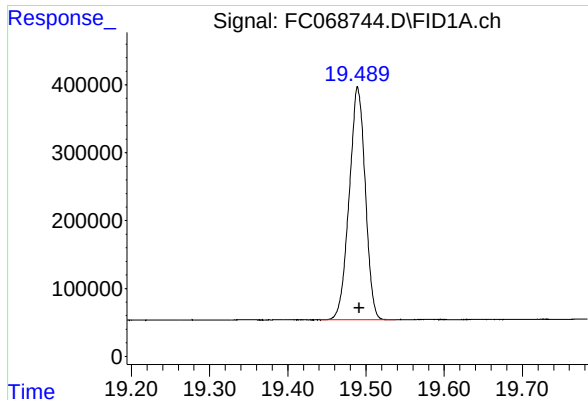
#17 n-Tricontane (C30)

R.T.: 17.871 min
Delta R.T.: 0.000 min
Response: 4975874
Conc: 54.13 ug/ml



#18 n-Dotriacontane (C32)

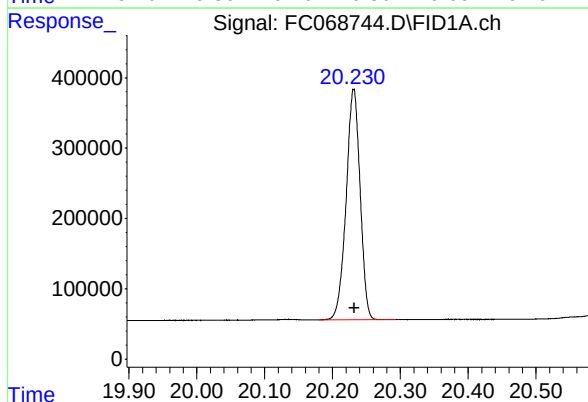
R.T.: 18.705 min
Delta R.T.: 0.000 min
Response: 4957894
Conc: 54.05 ug/ml



#19 n-Tetratriacontane (C34)

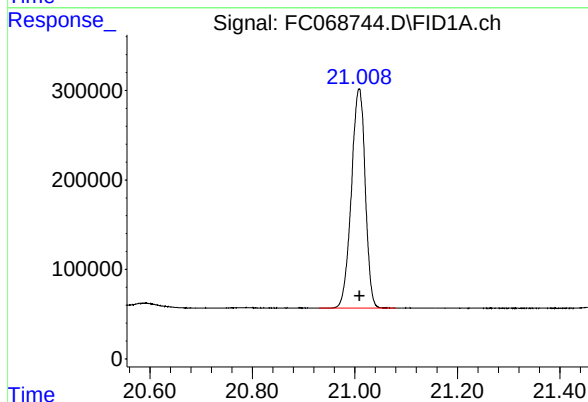
R.T.: 19.490 min
Delta R.T.: -0.002 min
Response: 4887925
Conc: 54.71 ug/ml

Instrument :
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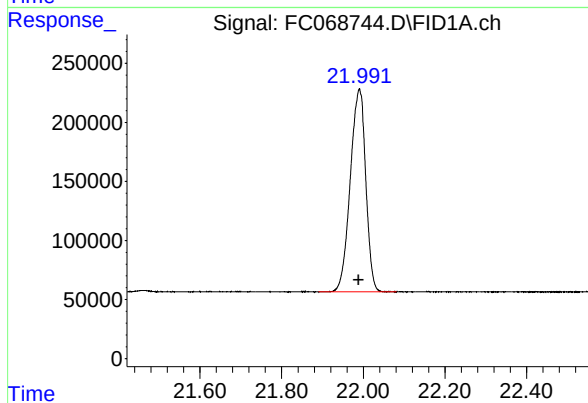
#20 n-Hexatriacontane (C36)

R.T.: 20.231 min
Delta R.T.: -0.001 min
Response: 4693982
Conc: 52.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.008 min
Delta R.T.: -0.001 min
Response: 4601167
Conc: 52.04 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.991 min
Delta R.T.: 0.002 min
Response: 4517606
Conc: 51.16 ug/ml