

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052225AL\
 Data File : FC068981.D
 Signal(s) : FID1A.ch
 Acq On : 22 May 2025 16:27
 Operator : YP/AJ
 Sample : PB168132BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB168132BS

Integration File: autoint1.e
 Quant Time: May 23 03:14:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050625.M
 Quant Title : GC Extractables
 QLast Update : Wed May 07 08:52:03 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...	13.141	2745429	34.221 ug/ml
Spiked Amount 50.000		Recovery =	68.44%
Target Compounds			
1) T n-Nonane (C9)	3.440	2339614	23.261 ug/ml
2) T n-Decane (C10)	4.516	2832773	28.430 ug/ml
4) T n-Dodecane (C12)	6.541	3081821	31.713 ug/ml
6) T n-Tetradecane (C14)	8.338	3222875	34.870 ug/ml
7) T n-Hexadecane (C16)	9.941	3460412	38.645 ug/ml
8) T n-Octadecane (C18)	11.384	3558874	40.572 ug/ml
10) T n-Eicosane (C20)	12.695	3788950	44.462 ug/ml
11) T n-Heneicosane (C21)	13.307	3641624	43.175 ug/ml
13) T n-Docosane (C22)	13.894	3637621	43.482 ug/ml
14) T n-Tetracosane (C24)	14.998	3645046	43.807 ug/ml
15) T n-Hexacosane (C26)	16.020	3588640	43.313 ug/ml
16) T n-Octacosane (C28)	16.970	3564166	43.126 ug/ml
17) T n-Tricontane (C30)	17.859	3668405	43.355 ug/ml
18) T n-Dotriacontane (C32)	18.692	3688373	42.821 ug/ml
19) T n-Tetratriacontane (C34)	19.478	3744435	43.949 ug/ml
20) T n-Hexatriacontane (C36)	20.218	3694550	42.986 ug/ml
21) T n-Octatriacontane (C38)	20.991	3680536	43.877 ug/ml
22) T n-Tetracontane (C40)	21.966	3457919	42.193 ug/ml

(f)=RT Delta > 1/2 Window

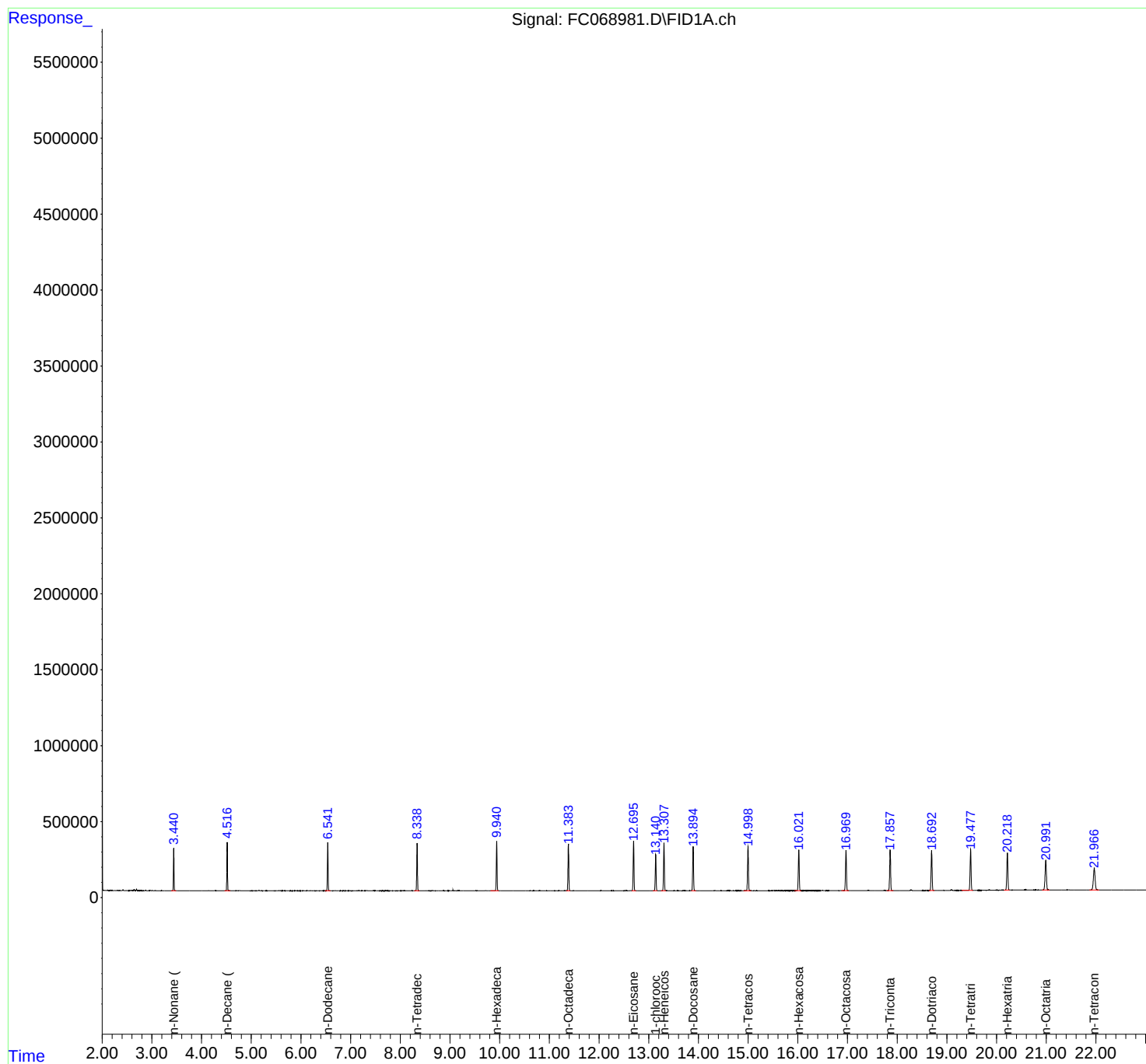
(m)=manual int.

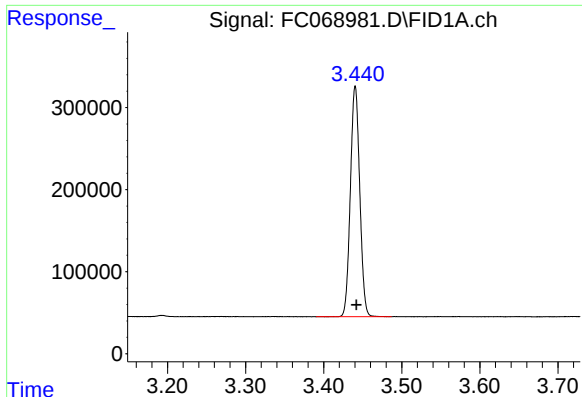
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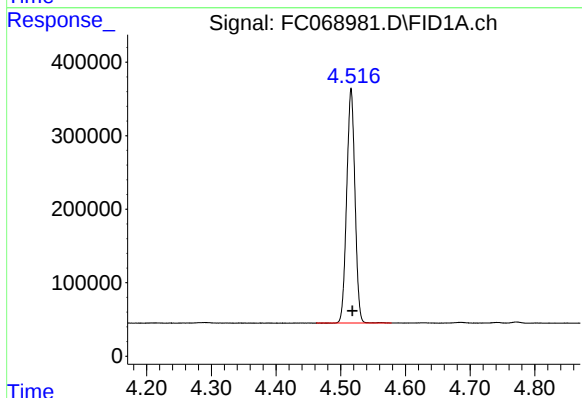




#1 n-Nonane (C9)

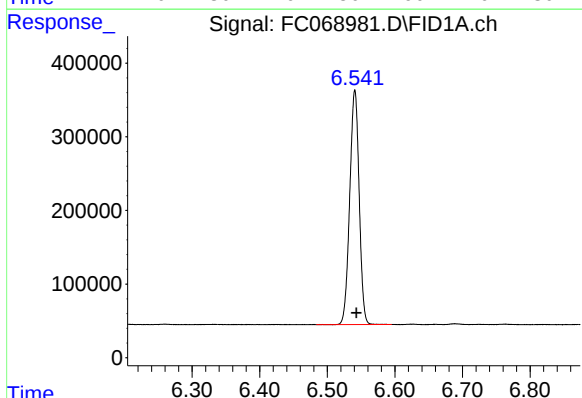
R.T.: 3.440 min
Delta R.T.: -0.002 min
Response: 2339614
Conc: 23.26 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168132BS



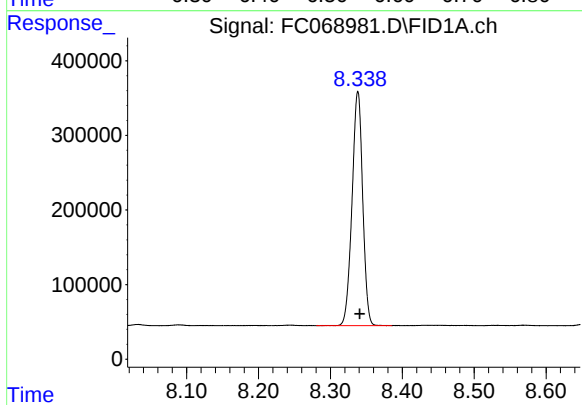
#2 n-Decane (C10)

R.T.: 4.516 min
Delta R.T.: -0.002 min
Response: 2832773
Conc: 28.43 ug/ml



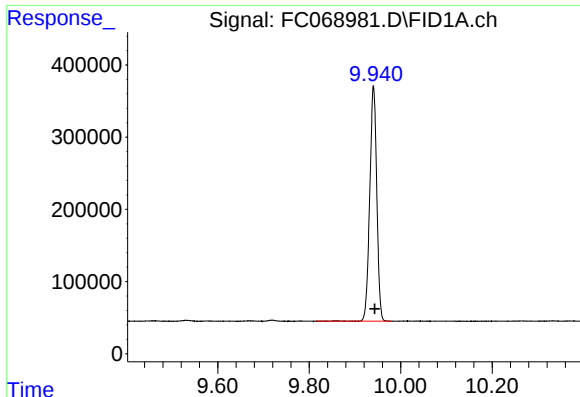
#4 n-Dodecane (C12)

R.T.: 6.541 min
Delta R.T.: -0.002 min
Response: 3081821
Conc: 31.71 ug/ml



#6 n-Tetradecane (C14)

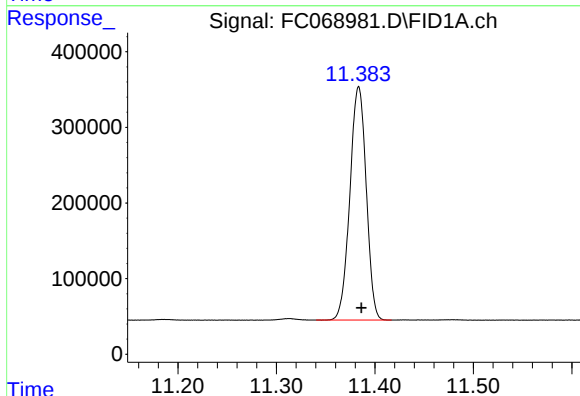
R.T.: 8.338 min
Delta R.T.: -0.002 min
Response: 3222875
Conc: 34.87 ug/ml



#7 n-Hexadecane (C16)

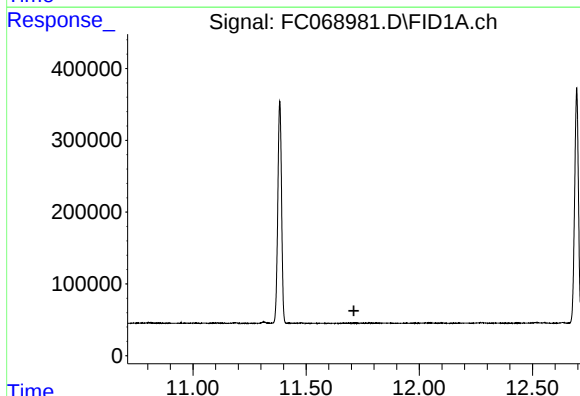
R.T.: 9.941 min
Delta R.T.: -0.003 min
Response: 3460412
Conc: 38.64 ug/ml

Instrument :
FID_C
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PB168132BS



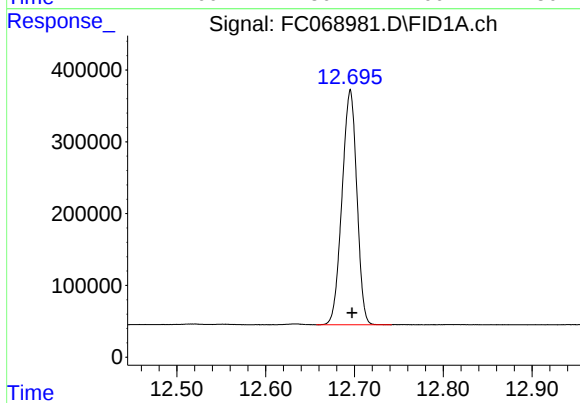
#8 n-Octadecane (C18)

R.T.: 11.384 min
Delta R.T.: -0.003 min
Response: 3558874
Conc: 40.57 ug/ml



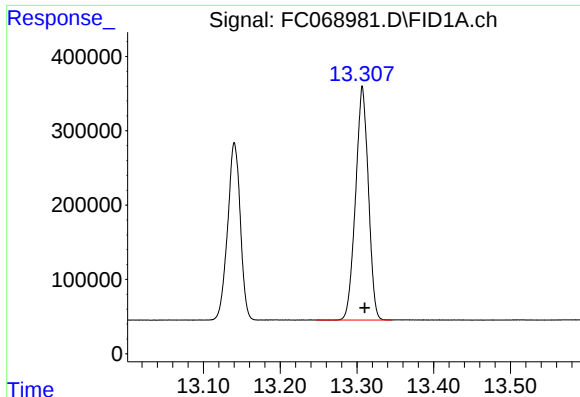
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.711 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

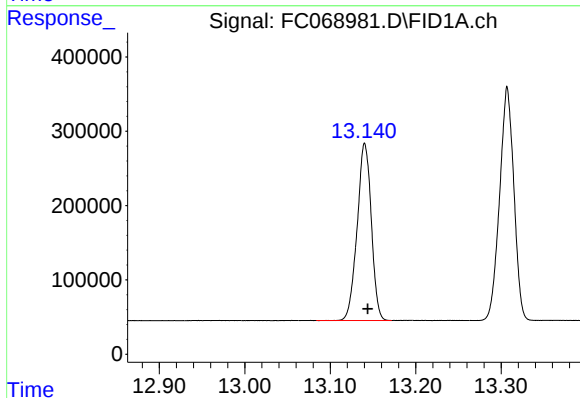
R.T.: 12.695 min
Delta R.T.: -0.002 min
Response: 3788950
Conc: 44.46 ug/ml



#11 n-Heneicosane (C21)

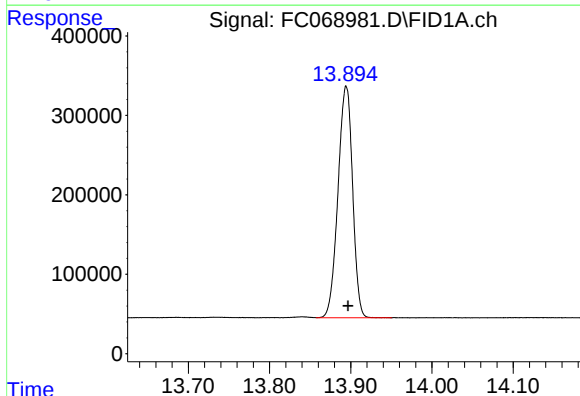
R.T.: 13.307 min
Delta R.T.: -0.003 min
Response: 3641624
Conc: 43.18 ug/ml

Instrument :
FID_C
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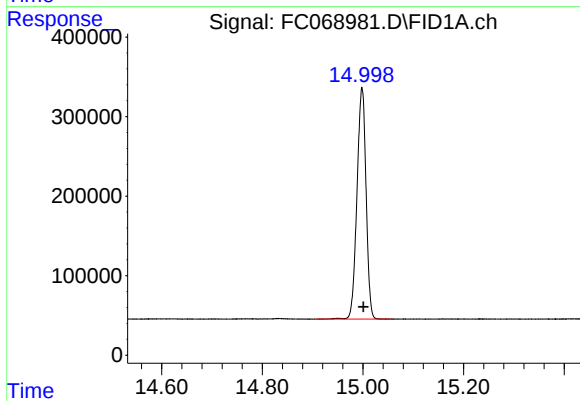
#12 1-chlorooctadecane (SURR)

R.T.: 13.141 min
Delta R.T.: -0.003 min
Response: 2745429
Conc: 34.22 ug/ml



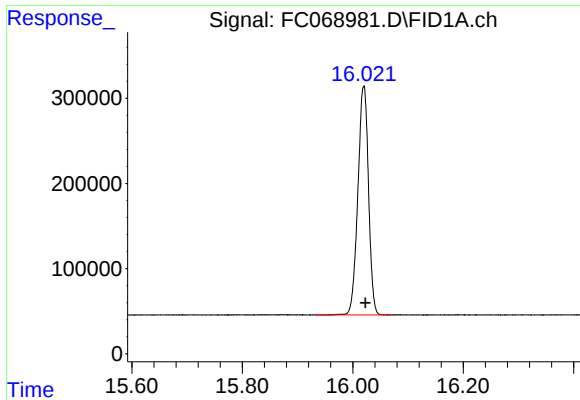
#13 n-Docosane (C22)

R.T.: 13.894 min
Delta R.T.: -0.003 min
Response: 3637621
Conc: 43.48 ug/ml



#14 n-Tetracosane (C24)

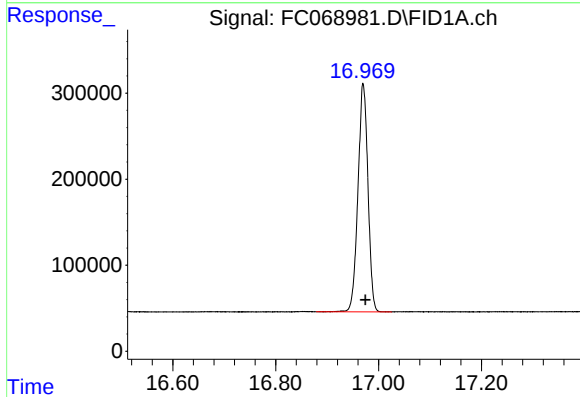
R.T.: 14.998 min
Delta R.T.: -0.003 min
Response: 3645046
Conc: 43.81 ug/ml



#15 n-Hexacosane (C26)

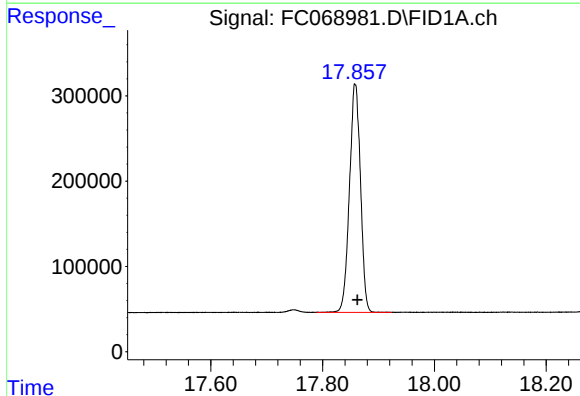
R.T.: 16.020 min
Delta R.T.: -0.003 min
Response: 3588640
Conc: 43.31 ug/ml

Instrument :
FID_C
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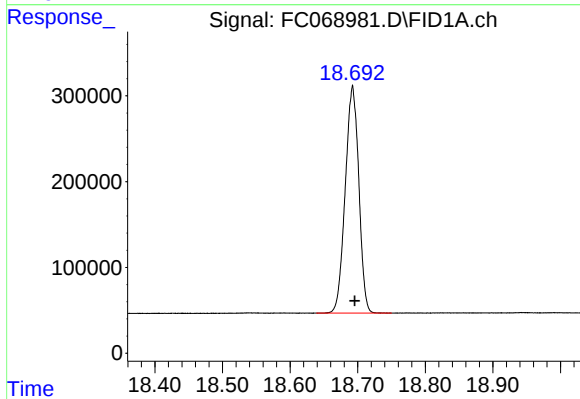
#16 n-Octacosane (C28)

R.T.: 16.970 min
Delta R.T.: -0.004 min
Response: 3564166
Conc: 43.13 ug/ml



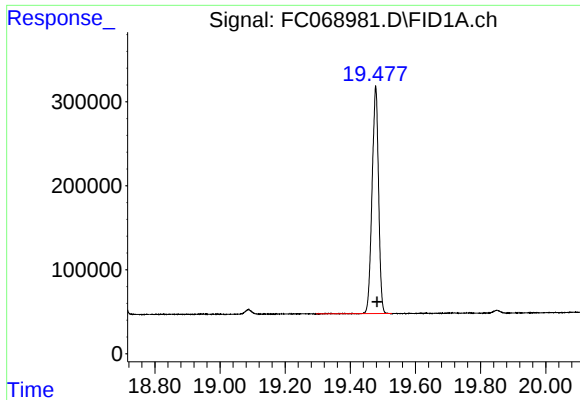
#17 n-Tricontane (C30)

R.T.: 17.859 min
Delta R.T.: -0.004 min
Response: 3668405
Conc: 43.36 ug/ml



#18 n-Dotriacontane (C32)

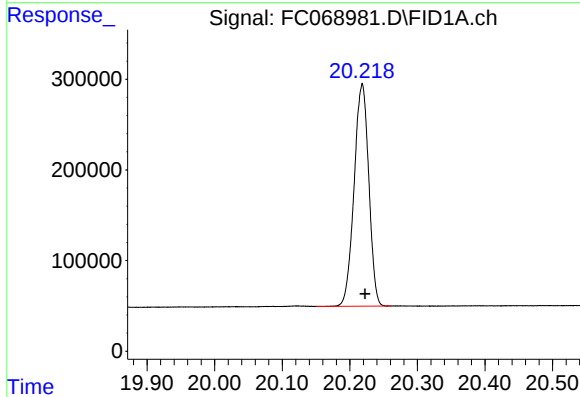
R.T.: 18.692 min
Delta R.T.: -0.003 min
Response: 3688373
Conc: 42.82 ug/ml



#19 n-Tetratriacontane (C34)

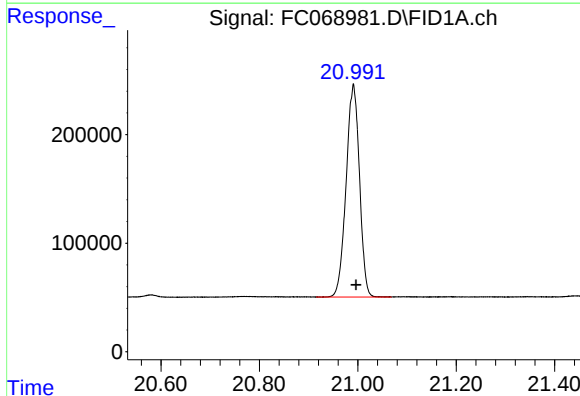
R.T.: 19.478 min
Delta R.T.: -0.004 min
Response: 3744435
Conc: 43.95 ug/ml

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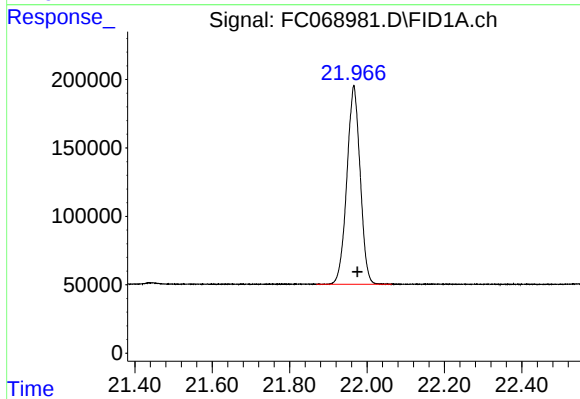
#20 n-Hexatriacontane (C36)

R.T.: 20.218 min
Delta R.T.: -0.004 min
Response: 3694550
Conc: 42.99 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.991 min
Delta R.T.: -0.005 min
Response: 3680536
Conc: 43.88 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.966 min
Delta R.T.: -0.009 min
Response: 3457919
Conc: 42.19 ug/ml