

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052324AL\
 Data File : FC066459.D
 Signal(s) : FID1A.ch
 Acq On : 24 May 2024 00:44
 Operator : YP/AJ
 Sample : PB161073BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB161073BSD

Integration File: autoint1.e
 Quant Time: May 24 02:56:31 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050124.M
 Quant Title : GC Extractables
 QLast Update : Thu May 02 09:03:15 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...	12.996	5667419	46.204 ug/ml
Spiked Amount 50.000		Recovery =	92.41%
Target Compounds			
1) T n-Nonane (C9)	3.312	4125774	27.318 ug/ml
2) T n-Decane (C10)	4.380	5373673	34.943 ug/ml
4) T n-Dodecane (C12)	6.401	6247363	40.651 ug/ml
6) T n-Tetradecane (C14)	8.198	6576709	43.457 ug/ml
7) T n-Hexadecane (C16)	9.801	6945157	45.421 ug/ml
8) T n-Octadecane (C18)	11.243	7496984	49.390 ug/ml
10) T n-Eicosane (C20)	12.554	7665115	53.284 ug/ml
11) T n-Heneicosane (C21)	13.166	7430914	52.864 ug/ml
13) T n-Docosane (C22)	13.752	7370741	52.646 ug/ml
14) T n-Tetracosane (C24)	14.855	7232860	51.377 ug/ml
15) T n-Hexacosane (C26)	15.876	7031753	51.408 ug/ml
16) T n-Octacosane (C28)	16.826	6851261	51.159 ug/ml
17) T n-Tricontane (C30)	17.713	6844118	50.786 ug/ml
18) T n-Dotriacontane (C32)	18.546	6685358	51.922 ug/ml
19) T n-Tetratriacontane (C34)	19.330	6572337	55.550 ug/ml
20) T n-Hexatriacontane (C36)	20.069	6580892	57.253 ug/ml
21) T n-Octatriacontane (C38)	20.805	6148092	57.120 ug/ml
22) T n-Tetracontane (C40)	21.712	5839863	54.459 ug/ml

(f)=RT Delta > 1/2 Window

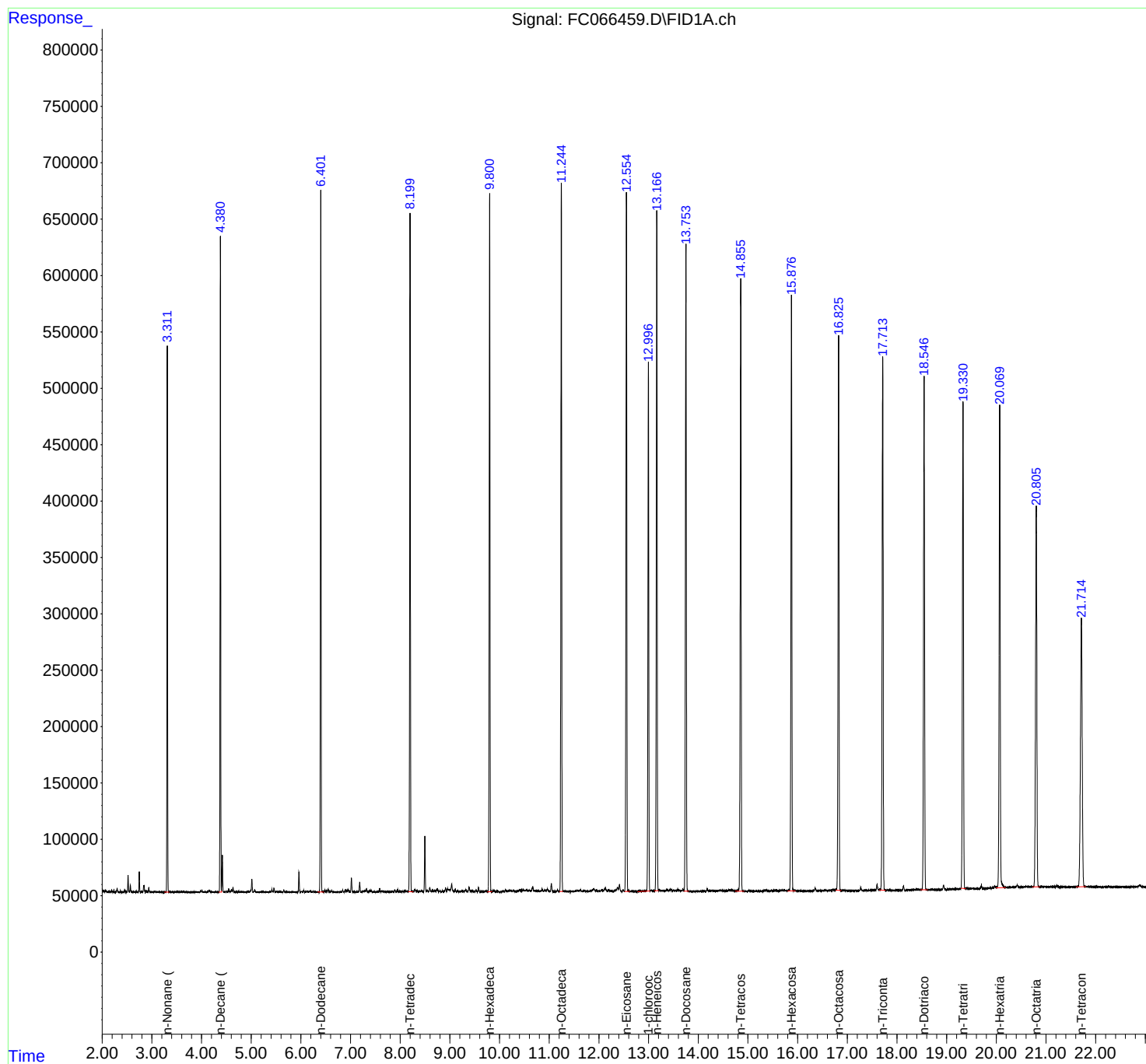
(m)=manual int.

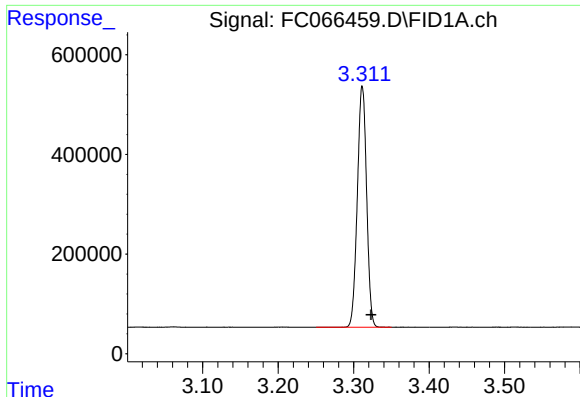
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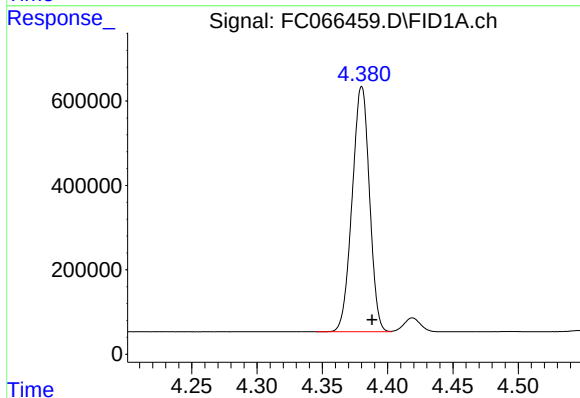




#1 n-Nonane (C9)

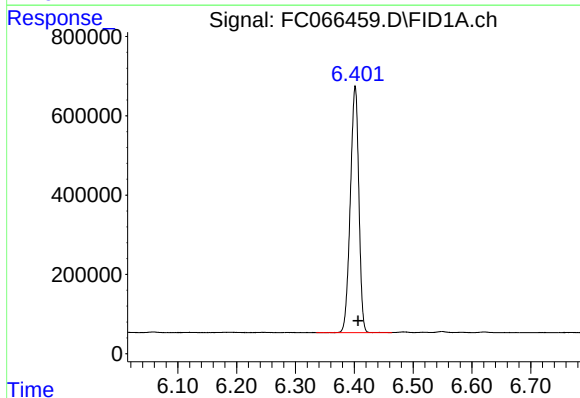
R.T.: 3.312 min
Delta R.T.: -0.011 min
Response: 4125774
Conc: 27.32 ug/ml

Instrument :
FID_C
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PB161073BSD



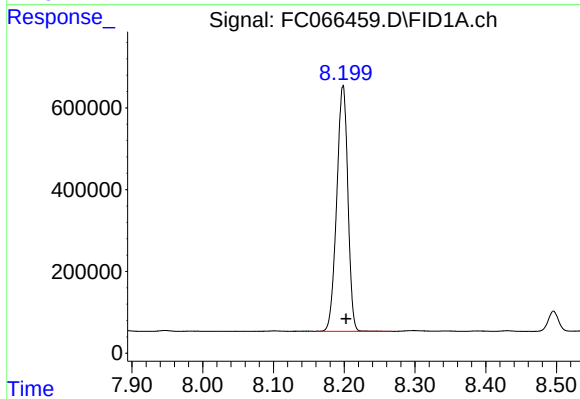
#2 n-Decane (C10)

R.T.: 4.380 min
Delta R.T.: -0.008 min
Response: 5373673
Conc: 34.94 ug/ml



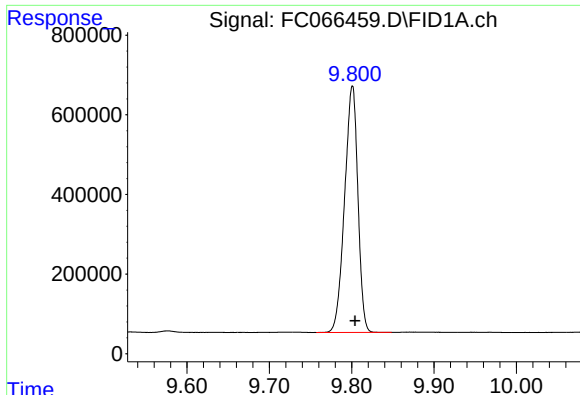
#4 n-Dodecane (C12)

R.T.: 6.401 min
Delta R.T.: -0.005 min
Response: 6247363
Conc: 40.65 ug/ml



#6 n-Tetradecane (C14)

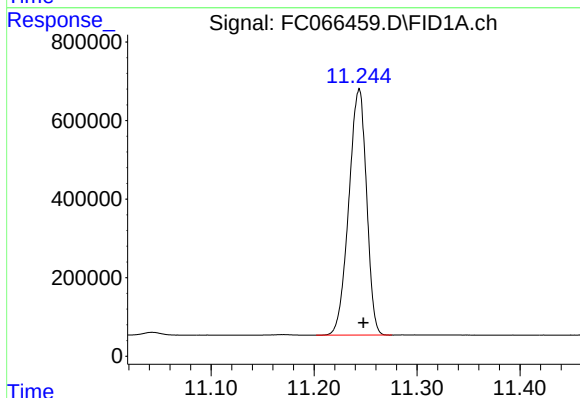
R.T.: 8.198 min
Delta R.T.: -0.004 min
Response: 6576709
Conc: 43.46 ug/ml



#7 n-Hexadecane (C16)

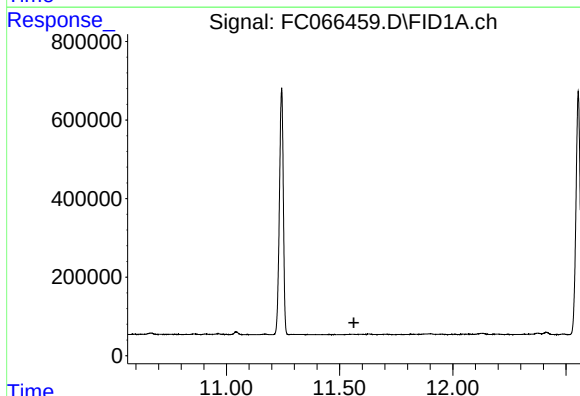
R.T.: 9.801 min
Delta R.T.: -0.004 min
Response: 6945157
Conc: 45.42 ug/ml

Instrument :
FID_C
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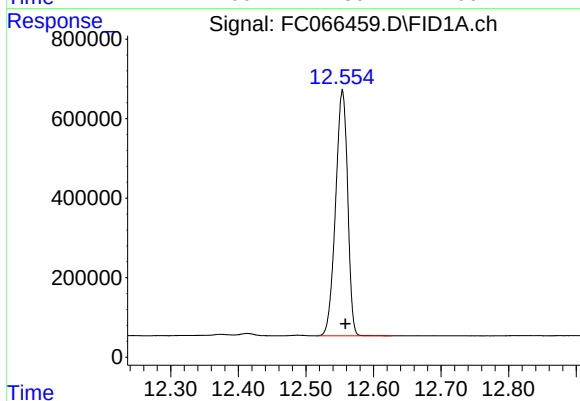
#8 n-Octadecane (C18)

R.T.: 11.243 min
Delta R.T.: -0.004 min
Response: 7496984
Conc: 49.39 ug/ml



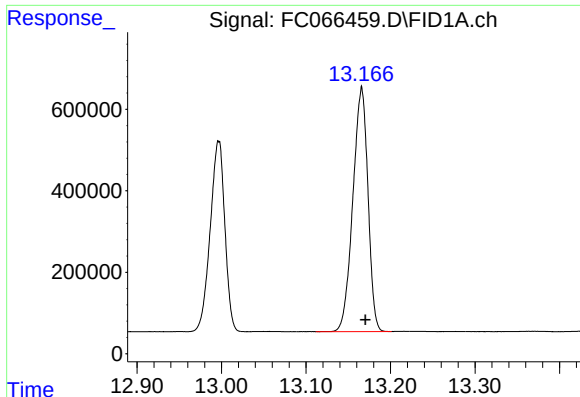
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.563 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

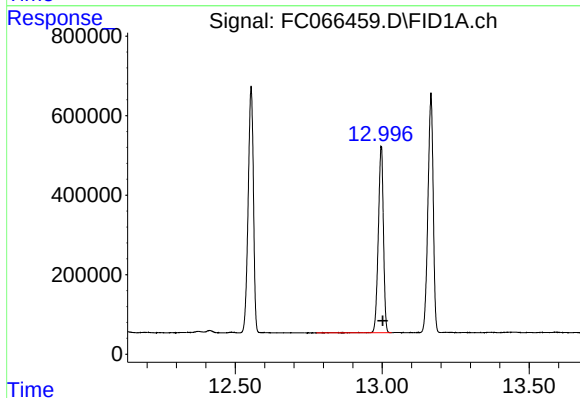
R.T.: 12.554 min
Delta R.T.: -0.004 min
Response: 7665115
Conc: 53.28 ug/ml



#11 n-Heneicosane (C21)

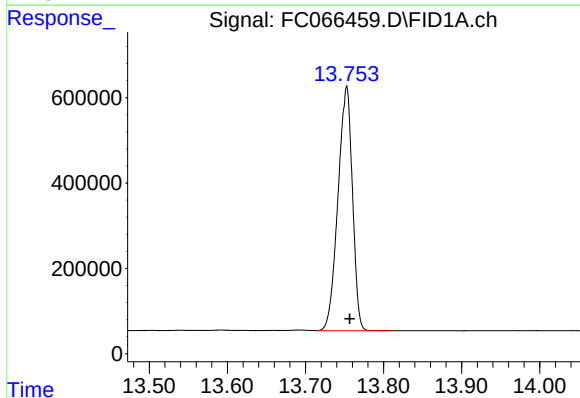
R.T.: 13.166 min
Delta R.T.: -0.005 min
Response: 7430914
Conc: 52.86 ug/ml

Instrument :
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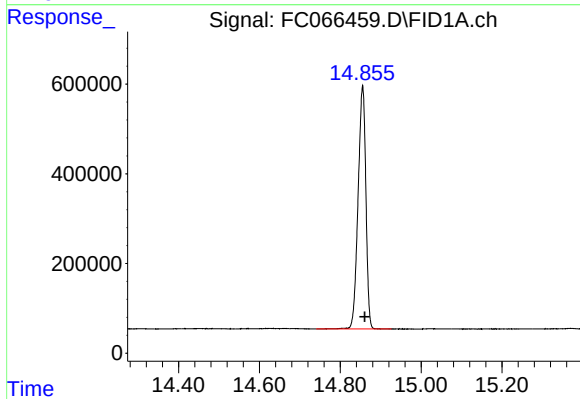
#12 1-chlorooctadecane (SURR)

R.T.: 12.996 min
Delta R.T.: -0.006 min
Response: 5667419
Conc: 46.20 ug/ml



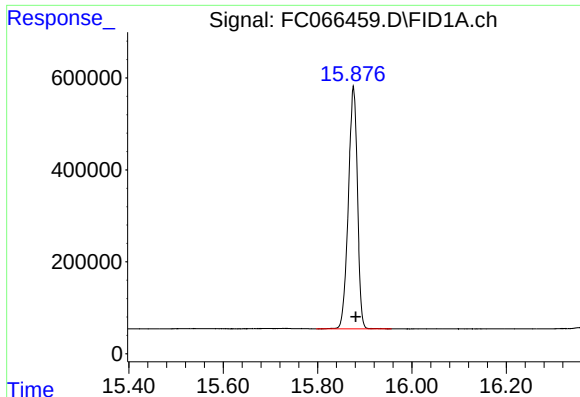
#13 n-Docosane (C22)

R.T.: 13.752 min
Delta R.T.: -0.005 min
Response: 7370741
Conc: 52.65 ug/ml



#14 n-Tetracosane (C24)

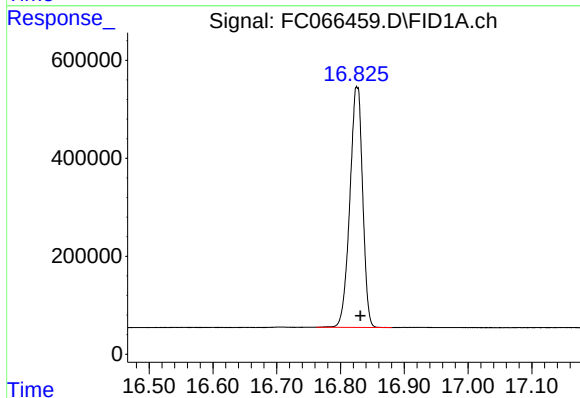
R.T.: 14.855 min
Delta R.T.: -0.005 min
Response: 7232860
Conc: 51.38 ug/ml



#15 n-Hexacosane (C26)

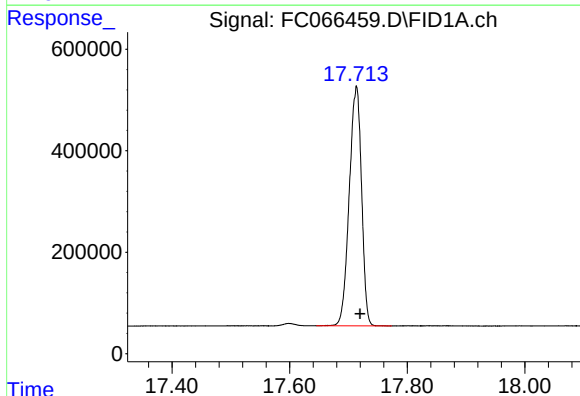
R.T.: 15.876 min
Delta R.T.: -0.005 min
Response: 7031753
Conc: 51.41 ug/ml

Instrument :
FID_C
ClientSampleId :
PB161073BSD



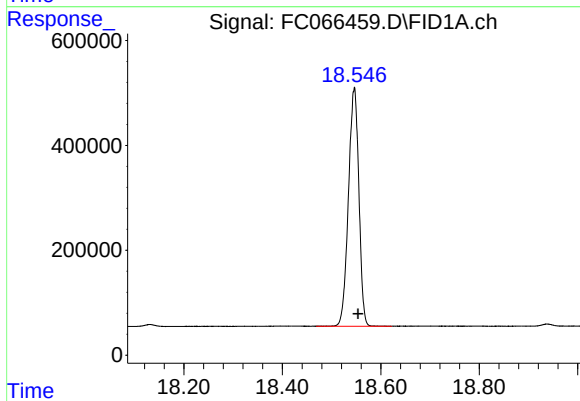
#16 n-Octacosane (C28)

R.T.: 16.826 min
Delta R.T.: -0.005 min
Response: 6851261
Conc: 51.16 ug/ml



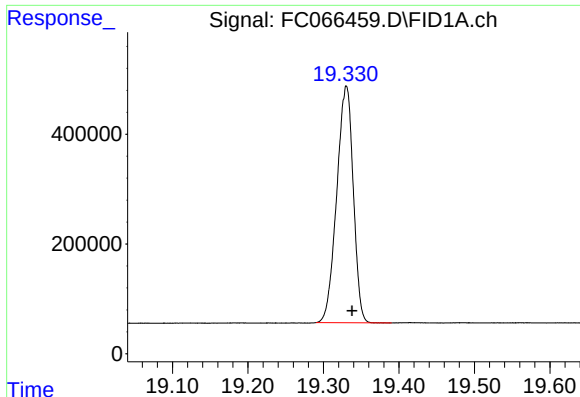
#17 n-Tricontane (C30)

R.T.: 17.713 min
Delta R.T.: -0.006 min
Response: 6844118
Conc: 50.79 ug/ml



#18 n-Dotriacontane (C32)

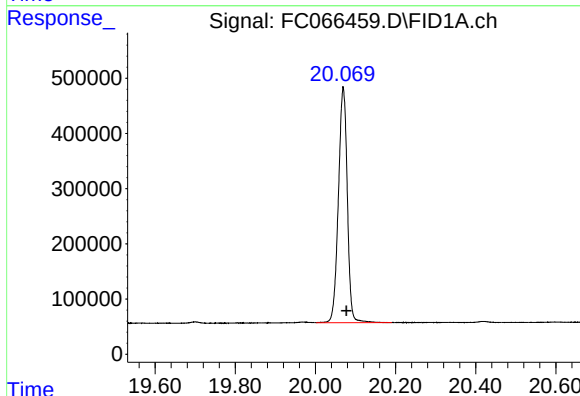
R.T.: 18.546 min
Delta R.T.: -0.008 min
Response: 6685358
Conc: 51.92 ug/ml



#19 n-Tetratriacontane (C34)

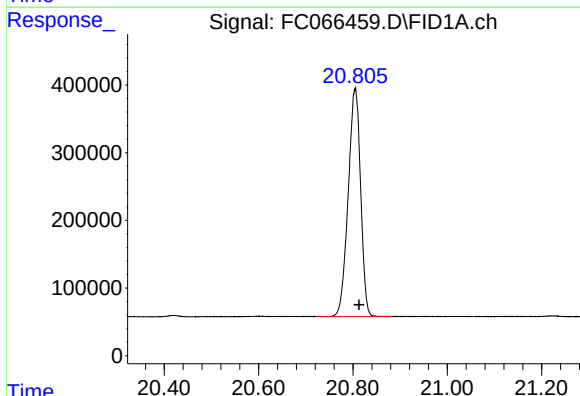
R.T.: 19.330 min
Delta R.T.: -0.008 min
Response: 6572337
Conc: 55.55 ug/ml

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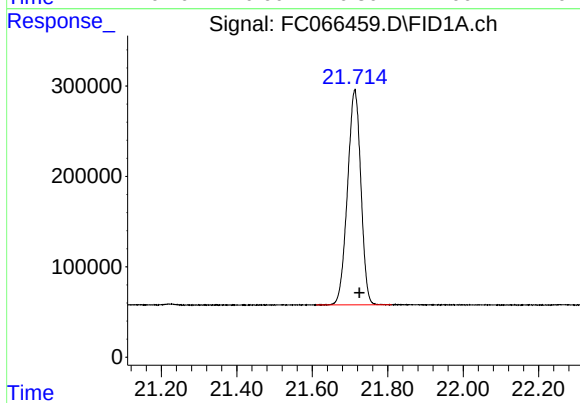
#20 n-Hexatriacontane (C36)

R.T.: 20.069 min
Delta R.T.: -0.008 min
Response: 6580892
Conc: 57.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.805 min
Delta R.T.: -0.008 min
Response: 6148092
Conc: 57.12 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.712 min
Delta R.T.: -0.013 min
Response: 5839863
Conc: 54.46 ug/ml