

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050724AL\
 Data File : FC066340.D
 Signal(s) : FID1A.ch
 Acq On : 08 May 2024 06:56
 Operator : YP/AJ
 Sample : PB160748BSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB160748BSD

Integration File: autoint1.e
 Quant Time: May 08 07:42:32 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...	13.002	3813475	31.090 ug/ml
Spiked Amount 50.000		Recovery =	62.18%
Target Compounds			
1) T n-Nonane (C9)	3.318	2962233	19.614 ug/ml
2) T n-Decane (C10)	4.386	3771398	24.524 ug/ml
4) T n-Dodecane (C12)	6.407	4320535	28.113 ug/ml
6) T n-Tetradecane (C14)	8.203	4456757	29.449 ug/ml
7) T n-Hexadecane (C16)	9.806	4719426	30.865 ug/ml
8) T n-Octadecane (C18)	11.249	5195454	34.228 ug/ml
10) T n-Eicosane (C20)	12.559	5635515	39.175 ug/ml
11) T n-Heneicosane (C21)	13.172	5530878	39.347 ug/ml
13) T n-Docosane (C22)	13.759	5504712	39.318 ug/ml
14) T n-Tetracosane (C24)	14.862	5392331	38.303 ug/ml
15) T n-Hexacosane (C26)	15.883	5235283	38.274 ug/ml
16) T n-Octacosane (C28)	16.833	5109952	38.157 ug/ml
17) T n-Tricontane (C30)	17.722	5021718	37.263 ug/ml
18) T n-Dotriacontane (C32)	18.555	4851395	37.679 ug/ml
19) T n-Tetratriacontane (C34)	19.338	4746634	40.119 ug/ml
20) T n-Hexatriacontane (C36)	20.079	4523078	39.350 ug/ml
21) T n-Octatriacontane (C38)	20.814	4358270	40.491 ug/ml
22) T n-Tetracontane (C40)	21.725	4098960	38.225 ug/ml

(f)=RT Delta > 1/2 Window

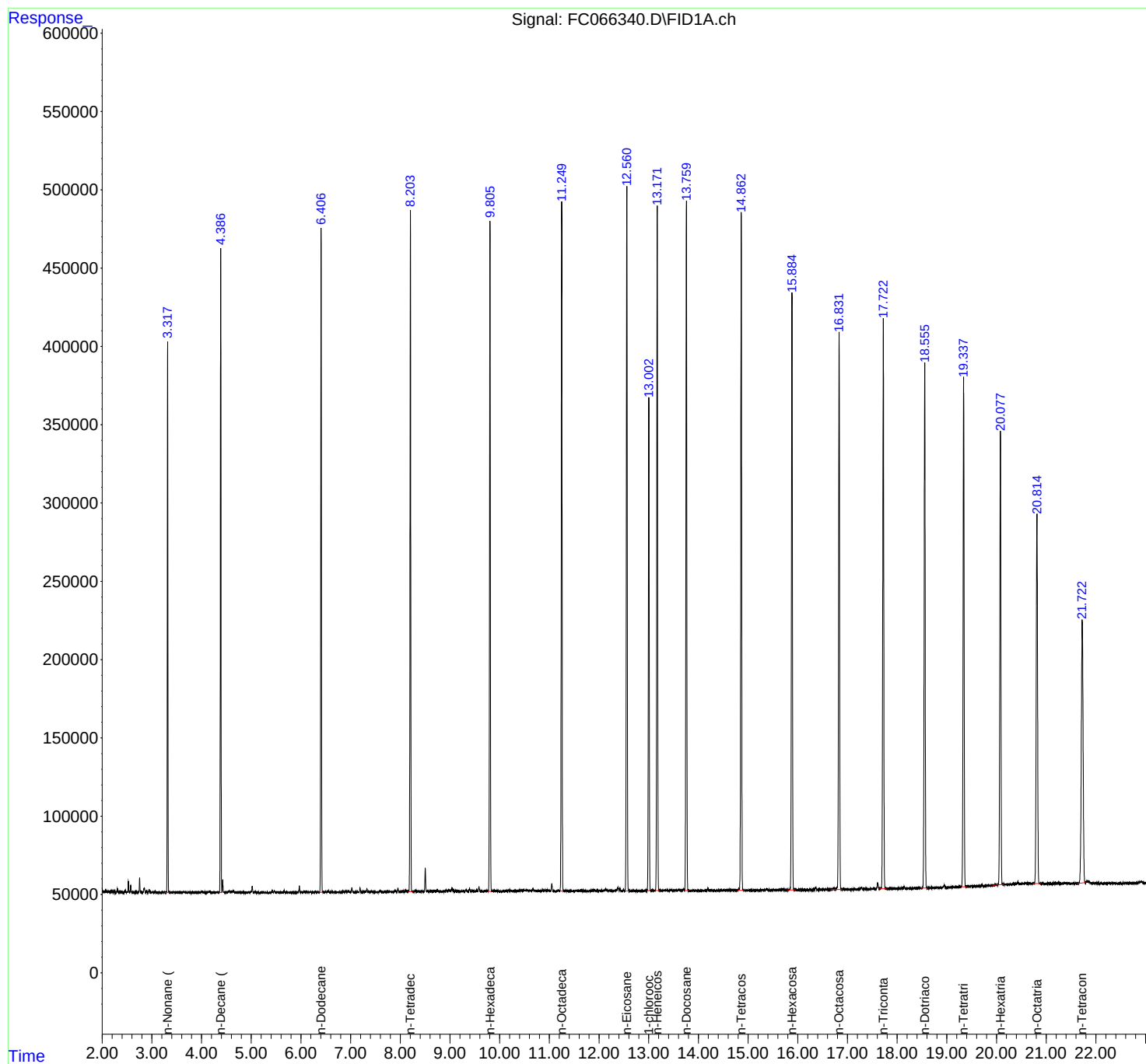
(m)=manual int.

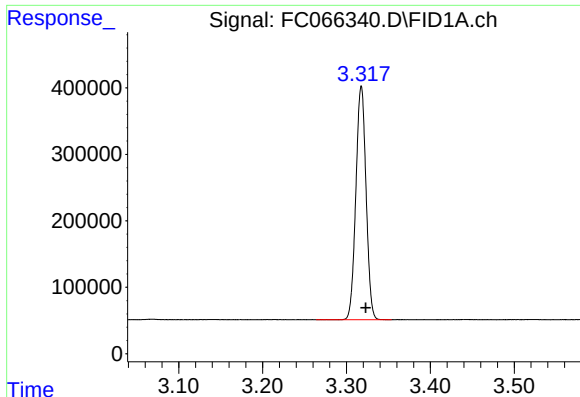
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Signal Info : 20M x 0.18mm x 0.18um

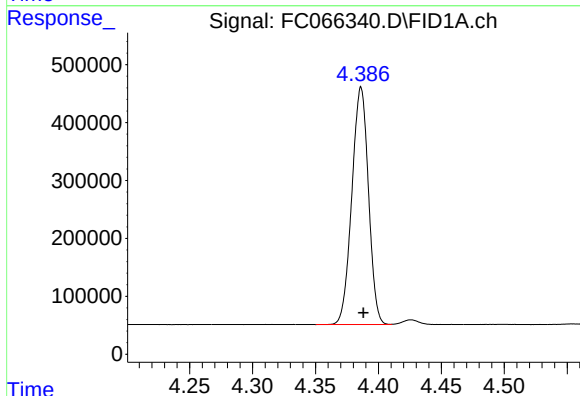




#1 n-Nonane (C9)

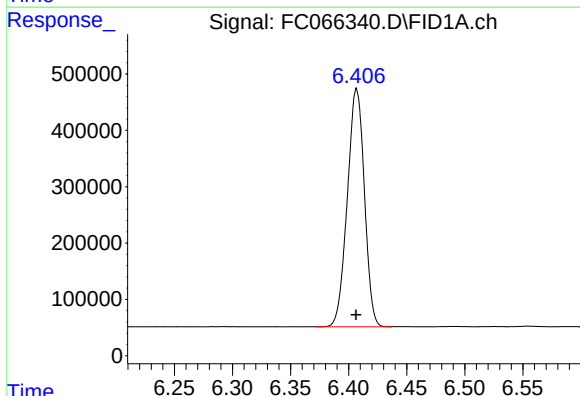
R.T.: 3.318 min
Delta R.T.: -0.005 min
Response: 2962233
Conc: 19.61 ug/ml

Instrument :
FID_C
ClientSampleId :
PB160748BSD



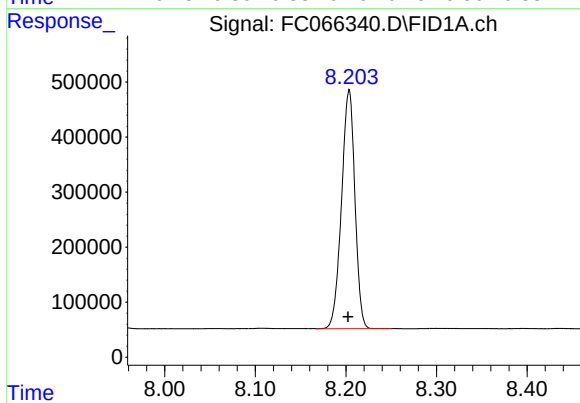
#2 n-Decane (C10)

R.T.: 4.386 min
Delta R.T.: -0.002 min
Response: 3771398
Conc: 24.52 ug/ml



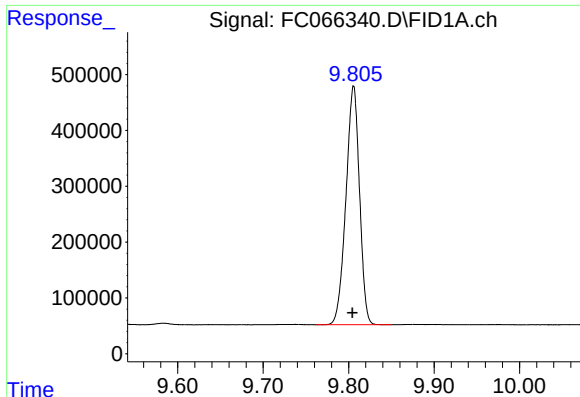
#4 n-Dodecane (C12)

R.T.: 6.407 min
Delta R.T.: 0.000 min
Response: 4320535
Conc: 28.11 ug/ml



#6 n-Tetradecane (C14)

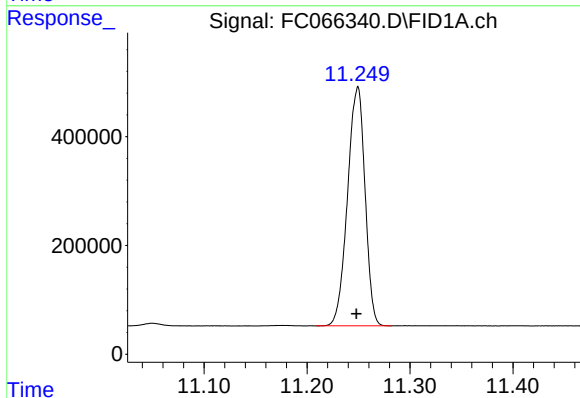
R.T.: 8.203 min
Delta R.T.: 0.000 min
Response: 4456757
Conc: 29.45 ug/ml



#7 n-Hexadecane (C16)

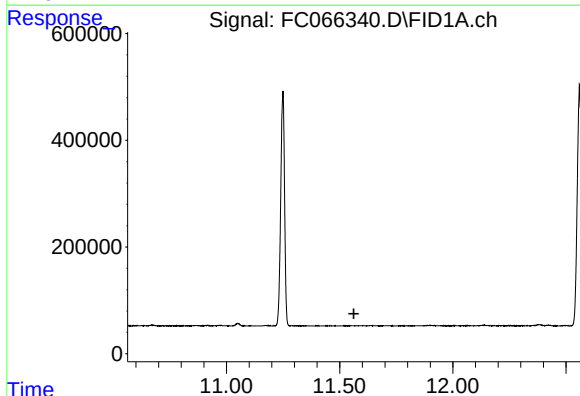
R.T.: 9.806 min
Delta R.T.: 0.001 min
Response: 4719426
Conc: 30.86 ug/ml

Instrument :
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PB160748BSD



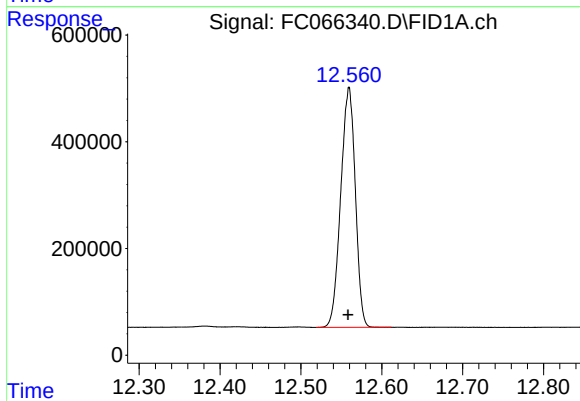
#8 n-Octadecane (C18)

R.T.: 11.249 min
Delta R.T.: 0.000 min
Response: 5195454
Conc: 34.23 ug/ml



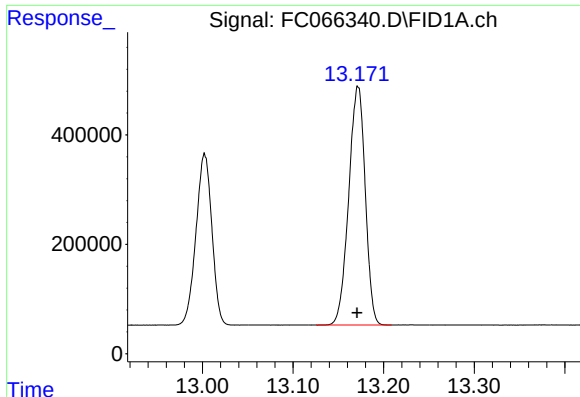
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

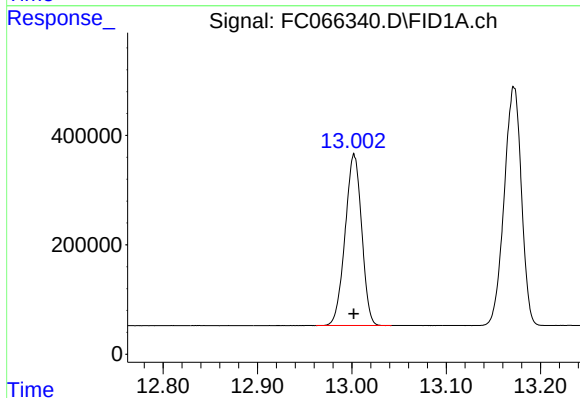
R.T.: 12.559 min
Delta R.T.: 0.000 min
Response: 5635515
Conc: 39.18 ug/ml



#11 n-Heneicosane (C21)

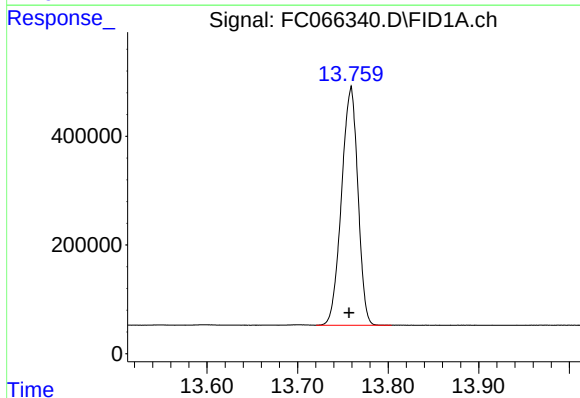
R.T.: 13.172 min
Delta R.T.: 0.001 min
Response: 5530878
Conc: 39.35 ug/ml

Instrument :
FID_C
ClientSampleId :
PB160748BSD



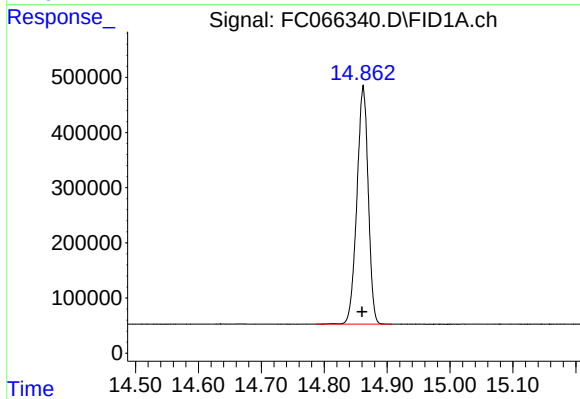
#12 1-chlorooctadecane (SURR)

R.T.: 13.002 min
Delta R.T.: 0.000 min
Response: 3813475
Conc: 31.09 ug/ml



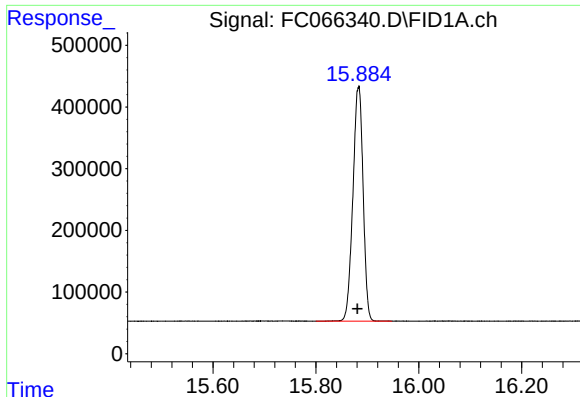
#13 n-Docosane (C22)

R.T.: 13.759 min
Delta R.T.: 0.002 min
Response: 5504712
Conc: 39.32 ug/ml



#14 n-Tetracosane (C24)

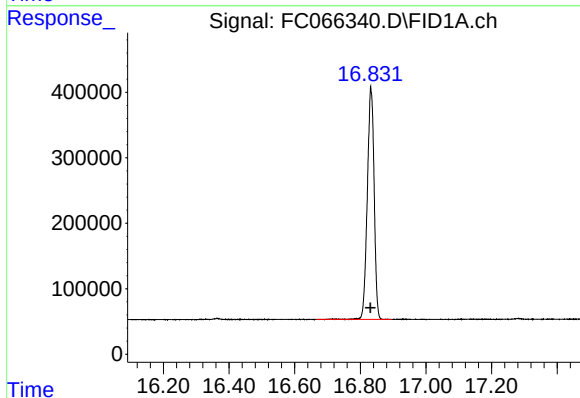
R.T.: 14.862 min
Delta R.T.: 0.002 min
Response: 5392331
Conc: 38.30 ug/ml



#15 n-Hexacosane (C26)

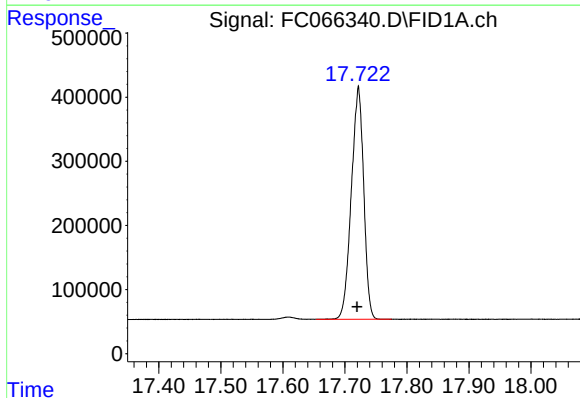
R.T.: 15.883 min
Delta R.T.: 0.002 min
Response: 5235283
Conc: 38.27 ug/ml

Instrument :
FID_C
ClientSampleId :
PB160748BSD



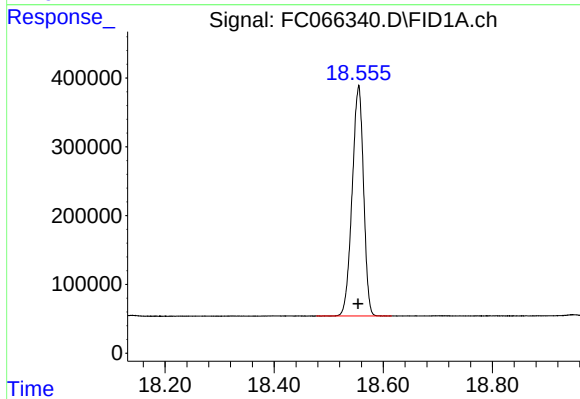
#16 n-Octacosane (C28)

R.T.: 16.833 min
Delta R.T.: 0.001 min
Response: 5109952
Conc: 38.16 ug/ml



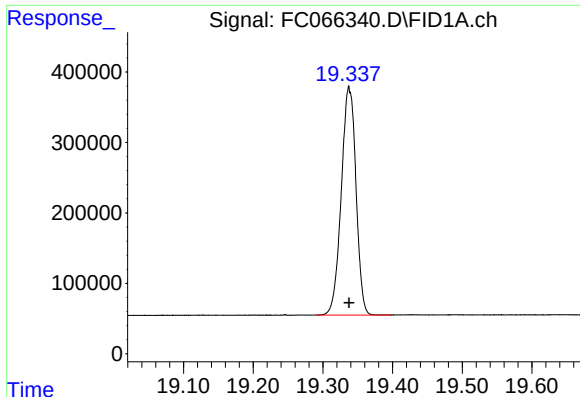
#17 n-Tricontane (C30)

R.T.: 17.722 min
Delta R.T.: 0.002 min
Response: 5021718
Conc: 37.26 ug/ml



#18 n-Dotriacontane (C32)

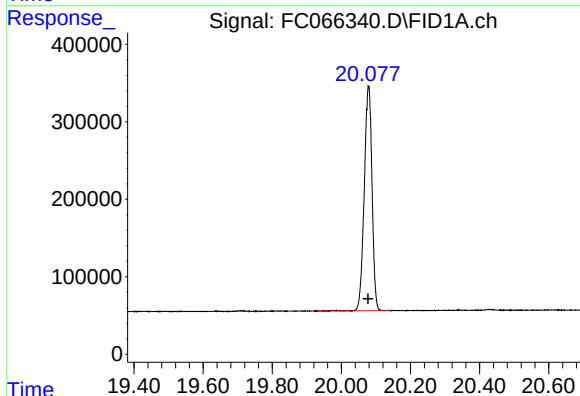
R.T.: 18.555 min
Delta R.T.: 0.000 min
Response: 4851395
Conc: 37.68 ug/ml



#19 n-Tetratriacontane (C34)

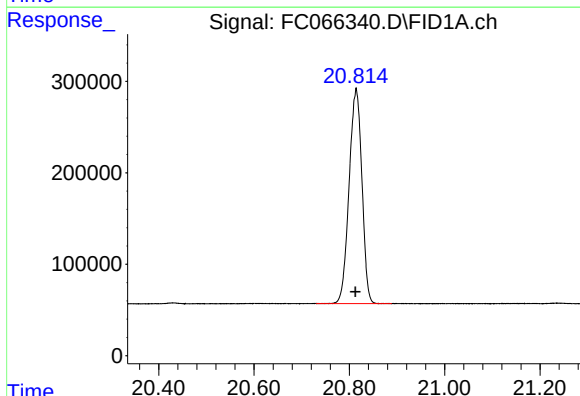
R.T.: 19.338 min
Delta R.T.: 0.000 min
Response: 4746634
Conc: 40.12 ug/ml

Instrument :
FID_C
ClientSampleId :
PB160748BSD



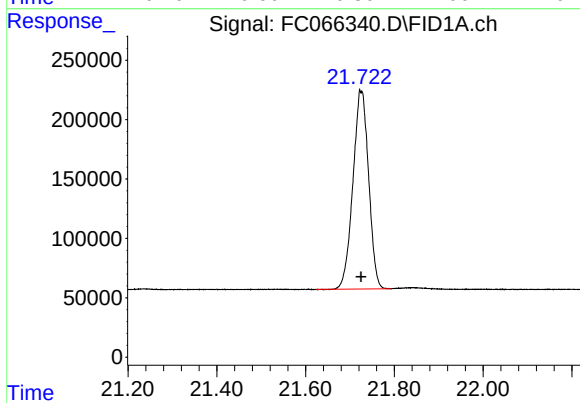
#20 n-Hexatriacontane (C36)

R.T.: 20.079 min
Delta R.T.: 0.000 min
Response: 4523078
Conc: 39.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.814 min
Delta R.T.: 0.001 min
Response: 4358270
Conc: 40.49 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.725 min
Delta R.T.: 0.000 min
Response: 4098960
Conc: 38.22 ug/ml