

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091924AL\
 Data File : FC067180.D
 Signal(s) : FID1A.ch
 Acq On : 19 Sep 2024 21:15
 Operator : YP/AJ
 Sample : PB163524BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 20 03:52:57 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 11 02:55:44 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...	12.945	3526295	36.098 ug/ml
Spiked Amount 50.000		Recovery =	72.20%
Target Compounds			
1) T n-Nonane (C9)	3.278	3264655	24.612 ug/ml
2) T n-Decane (C10)	4.343	4063496	30.255 ug/ml
4) T n-Dodecane (C12)	6.360	4666450	34.862 ug/ml
6) T n-Tetradecane (C14)	8.154	4985479	38.684 ug/ml
7) T n-Hexadecane (C16)	9.754	5271743	40.890 ug/ml
8) T n-Octadecane (C18)	11.195	5680247	44.397 ug/ml
10) T n-Eicosane (C20)	12.503	5963539	49.649 ug/ml
11) T n-Heneicosane (C21)	13.114	5794298	49.611 ug/ml
13) T n-Docosane (C22)	13.700	5714379	49.492 ug/ml
14) T n-Tetracosane (C24)	14.801	5572406	49.069 ug/ml
15) T n-Hexacosane (C26)	15.820	5434625	49.036 ug/ml
16) T n-Octacosane (C28)	16.770	5358945	49.611 ug/ml
17) T n-Tricontane (C30)	17.657	5421297	49.840 ug/ml
18) T n-Dotriacontane (C32)	18.489	5332982	51.128 ug/ml
19) T n-Tetratriacontane (C34)	19.272	5271546	57.139 ug/ml
20) T n-Hexatriacontane (C36)	20.011	4958924	62.575 ug/ml
21) T n-Octatriacontane (C38)	20.737	4579979	60.972 ug/ml
22) T n-Tetracontane (C40)	21.625	3884232	55.596 ug/ml

(f)=RT Delta > 1/2 Window

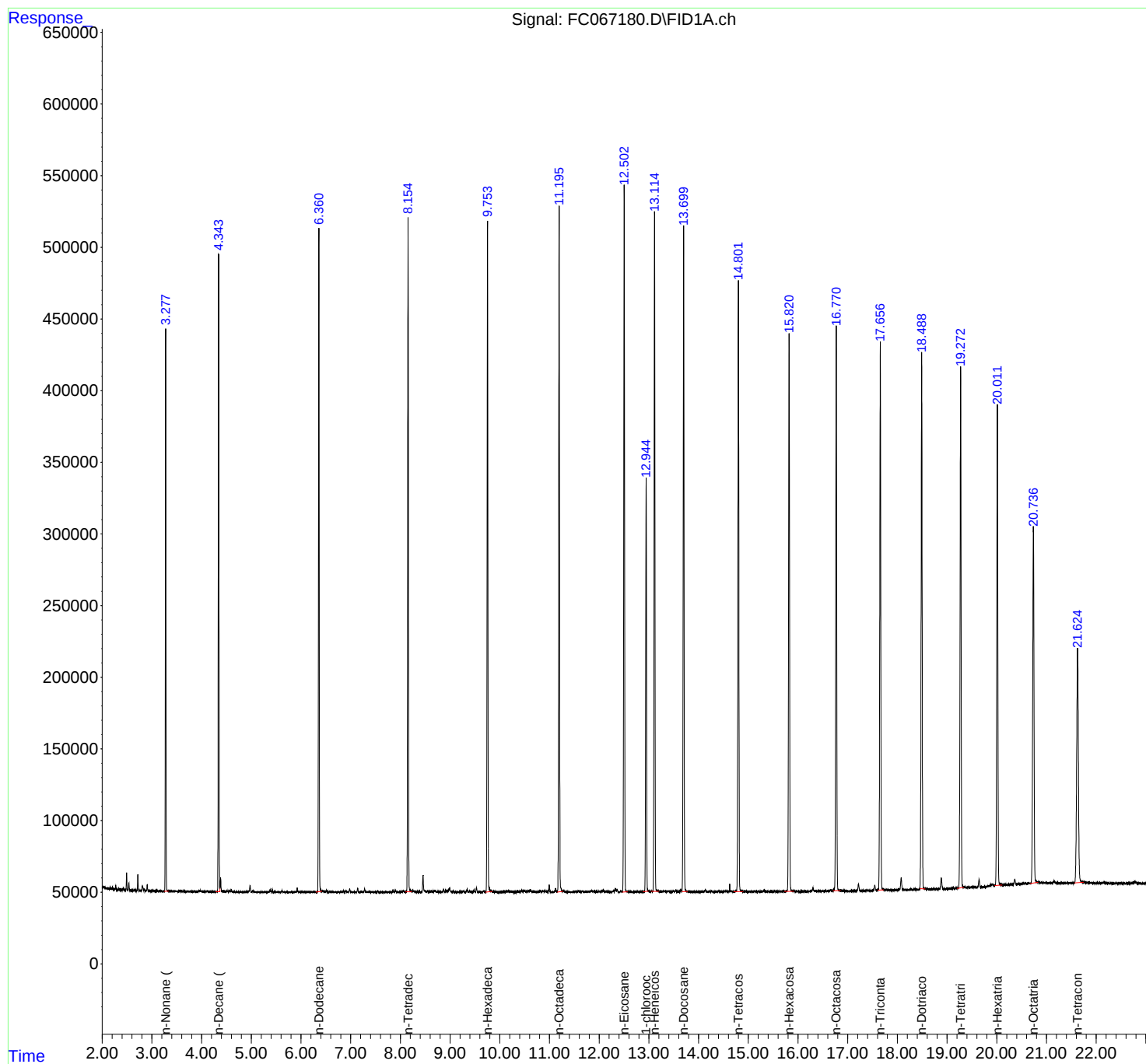
(m)=manual int.

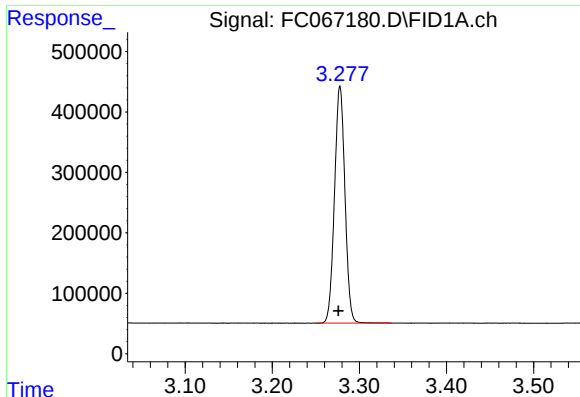
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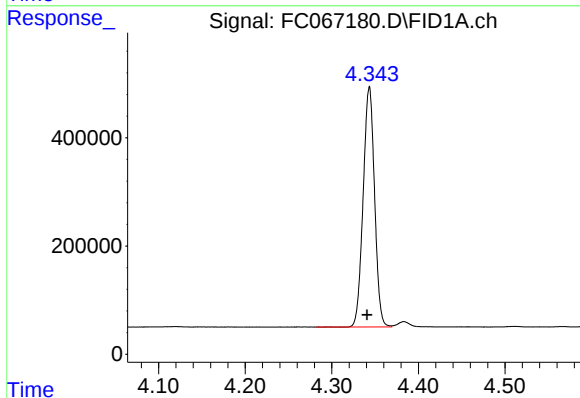




#1 n-Nonane (C9)

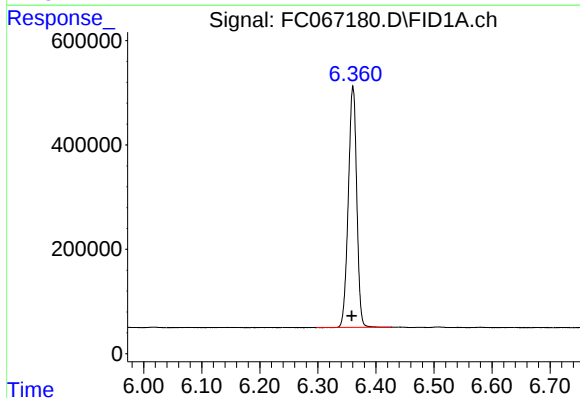
R.T.: 3.278 min
Delta R.T.: 0.002 min
Response: 3264655
Conc: 24.61 ug/ml

Instrument :
FID_C
ClientSampleId :



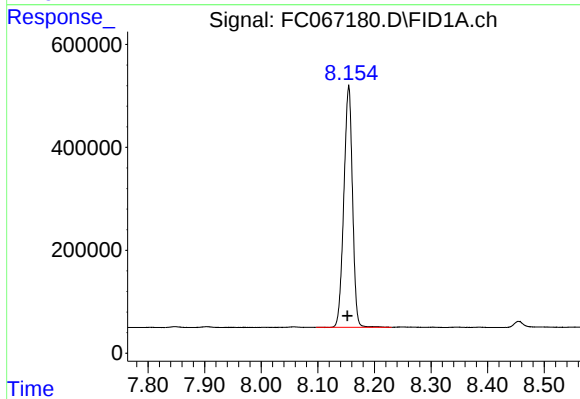
#2 n-Decane (C10)

R.T.: 4.343 min
Delta R.T.: 0.002 min
Response: 4063496
Conc: 30.26 ug/ml



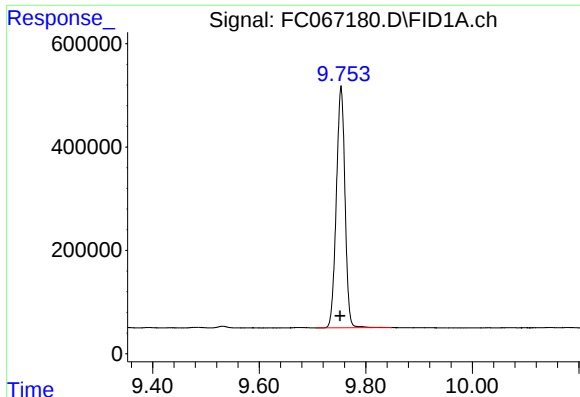
#4 n-Dodecane (C12)

R.T.: 6.360 min
Delta R.T.: 0.002 min
Response: 4666450
Conc: 34.86 ug/ml



#6 n-Tetradecane (C14)

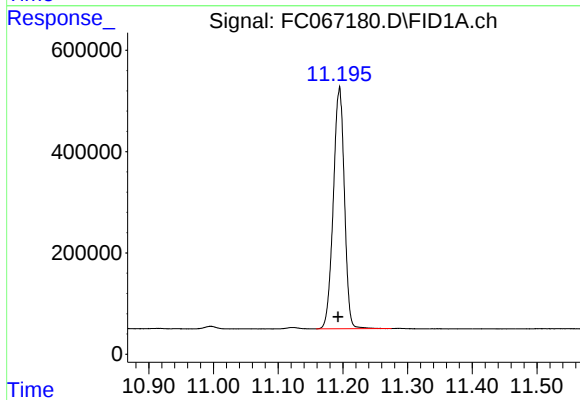
R.T.: 8.154 min
Delta R.T.: 0.002 min
Response: 4985479
Conc: 38.68 ug/ml



#7 n-Hexadecane (C16)

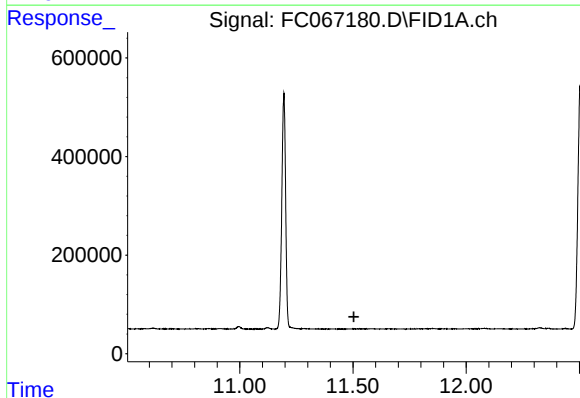
R.T.: 9.754 min
Delta R.T.: 0.002 min
Response: 5271743
Conc: 40.89 ug/ml

Instrument :
FID_C
ClientSampleId :



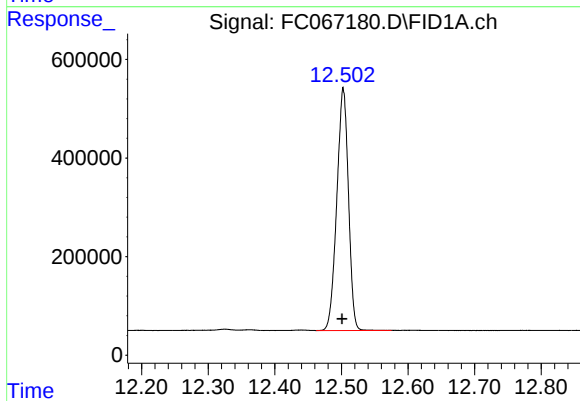
#8 n-Octadecane (C18)

R.T.: 11.195 min
Delta R.T.: 0.002 min
Response: 5680247
Conc: 44.40 ug/ml



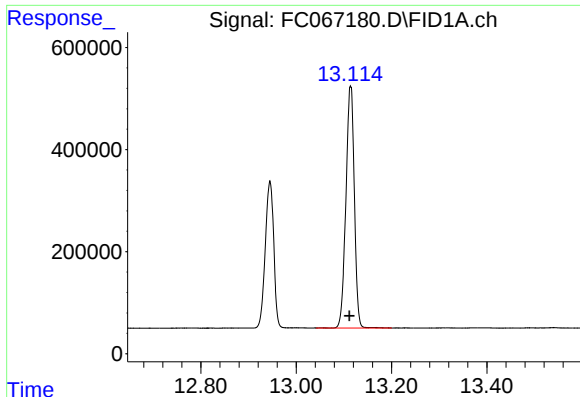
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.504 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

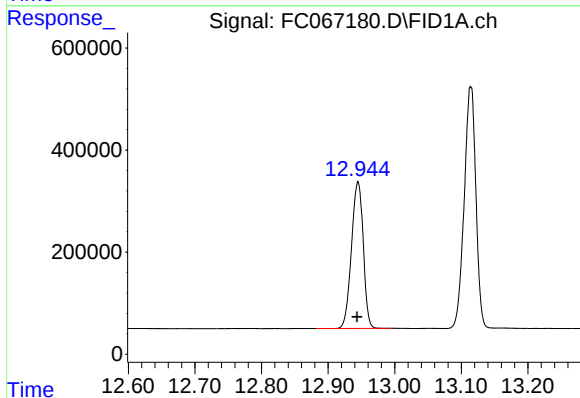
R.T.: 12.503 min
Delta R.T.: 0.002 min
Response: 5963539
Conc: 49.65 ug/ml



#11 n-Heneicosane (C21)

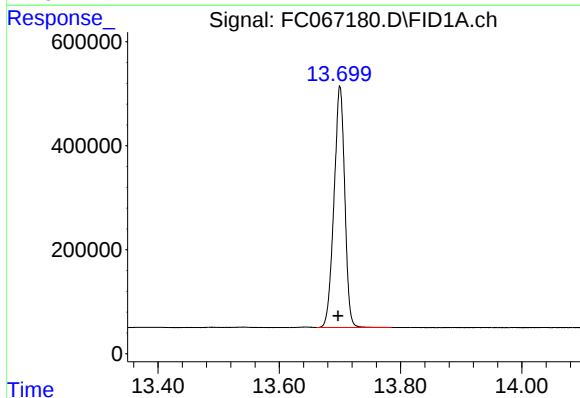
R.T.: 13.114 min
Delta R.T.: 0.002 min
Response: 5794298
Conc: 49.61 ug/ml

Instrument :
FID_C
ClientSampleId :



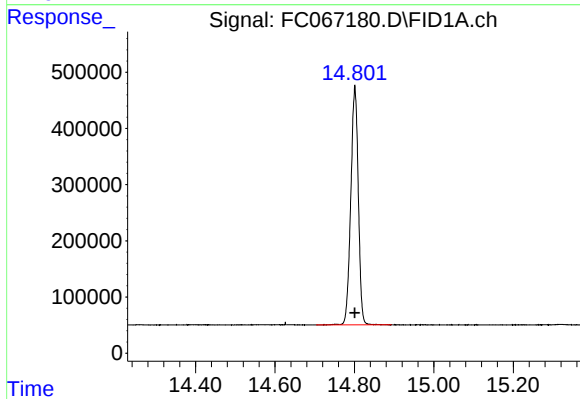
#12 1-chlorooctadecane (SURR)

R.T.: 12.945 min
Delta R.T.: 0.001 min
Response: 3526295
Conc: 36.10 ug/ml



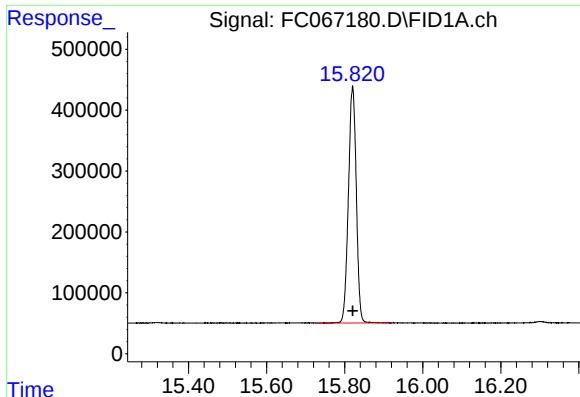
#13 n-Docosane (C22)

R.T.: 13.700 min
Delta R.T.: 0.003 min
Response: 5714379
Conc: 49.49 ug/ml



#14 n-Tetracosane (C24)

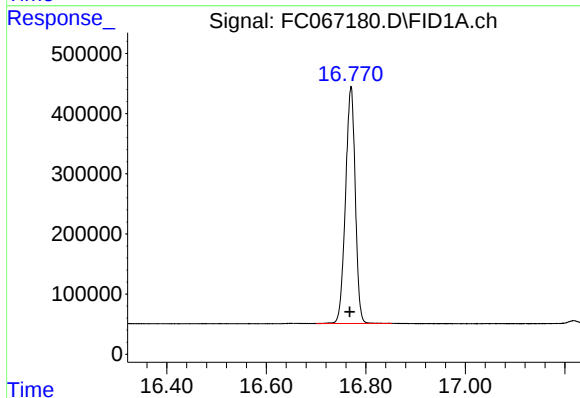
R.T.: 14.801 min
Delta R.T.: 0.000 min
Response: 5572406
Conc: 49.07 ug/ml



#15 n-Hexacosane (C26)

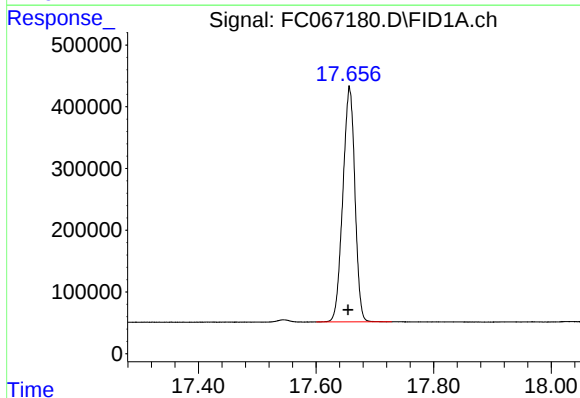
R.T.: 15.820 min
Delta R.T.: 0.000 min
Response: 5434625
Conc: 49.04 ug/ml

Instrument :
FID_C
ClientSampleId :



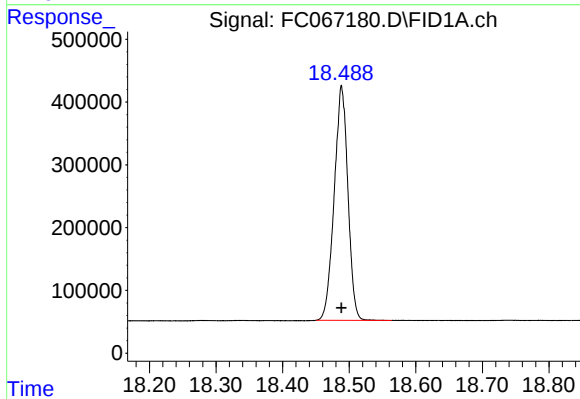
#16 n-Octacosane (C28)

R.T.: 16.770 min
Delta R.T.: 0.002 min
Response: 5358945
Conc: 49.61 ug/ml



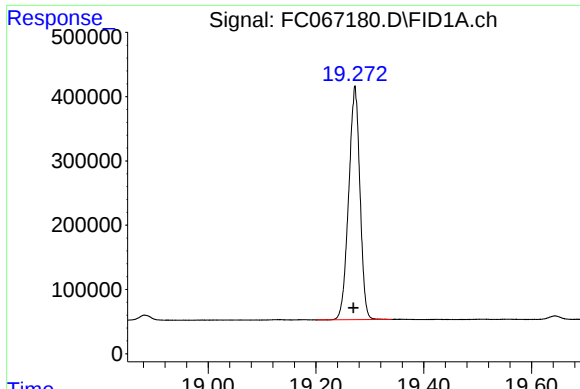
#17 n-Tricontane (C30)

R.T.: 17.657 min
Delta R.T.: 0.003 min
Response: 5421297
Conc: 49.84 ug/ml



#18 n-Dotriacontane (C32)

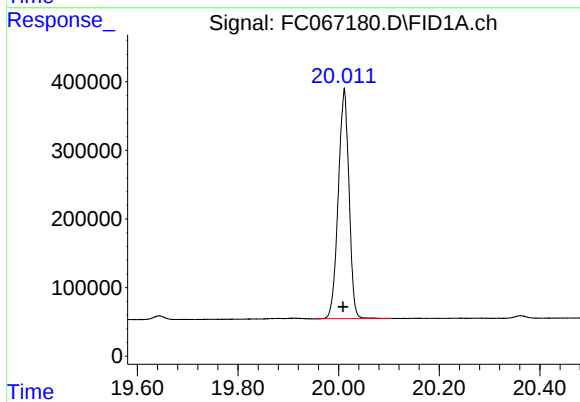
R.T.: 18.489 min
Delta R.T.: 0.000 min
Response: 5332982
Conc: 51.13 ug/ml



#19 n-Tetratriacontane (C34)

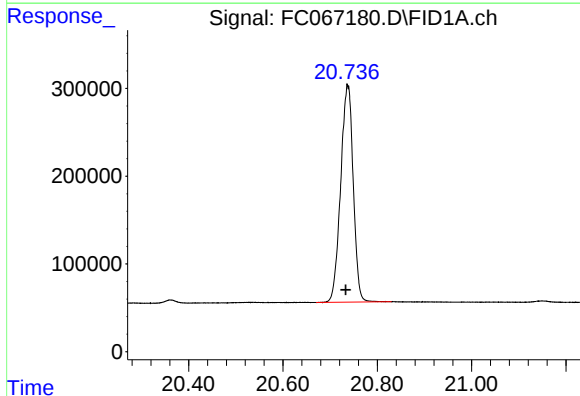
R.T.: 19.272 min
Delta R.T.: 0.003 min
Response: 5271546
Conc: 57.14 ug/ml

Instrument :
FID_C
ClientSampleId :



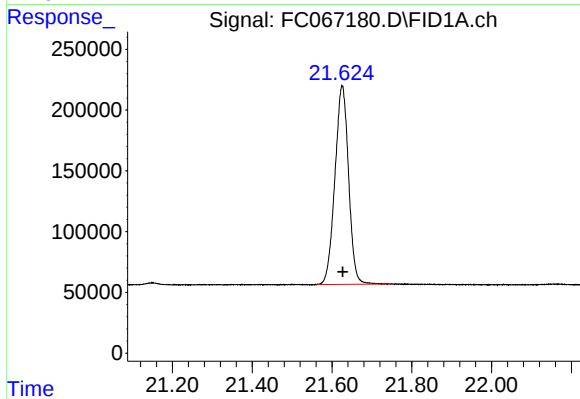
#20 n-Hexatriacontane (C36)

R.T.: 20.011 min
Delta R.T.: 0.002 min
Response: 4958924
Conc: 62.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.737 min
Delta R.T.: 0.004 min
Response: 4579979
Conc: 60.97 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.625 min
Delta R.T.: -0.001 min
Response: 3884232
Conc: 55.60 ug/ml