

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121124AL\
 Data File : FC067985.D
 Signal(s) : FID1A.ch
 Acq On : 11 Dec 2024 20:45
 Operator : YP/AJ
 Sample : PB165557BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB165557BS

Integration File: autoint1.e
 Quant Time: Dec 12 03:32:50 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 07:59:10 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...	12.915	6689899	52.431 ug/ml
Spiked Amount 50.000		Recovery =	104.86%
Target Compounds			
1) T n-Nonane (C9)	3.250	3253062	20.938 ug/ml
2) T n-Decane (C10)	4.313	4312232	27.202 ug/ml
4) T n-Dodecane (C12)	6.329	5614612	34.870 ug/ml
6) T n-Tetradecane (C14)	8.123	6434698	40.471 ug/ml
7) T n-Hexadecane (C16)	9.724	6868551	42.516 ug/ml
8) T n-Octadecane (C18)	11.165	7527529	46.888 ug/ml
10) T n-Eicosane (C20)	12.472	7757487	51.569 ug/ml
11) T n-Heneicosane (C21)	13.085	7414886	50.746 ug/ml
13) T n-Docosane (C22)	13.670	7310689	51.072 ug/ml
14) T n-Tetracosane (C24)	14.772	7027295	50.575 ug/ml
15) T n-Hexacosane (C26)	15.792	6793943	50.803 ug/ml
16) T n-Octacosane (C28)	16.741	6557128	50.552 ug/ml
17) T n-Tricontane (C30)	17.627	6497949	50.161 ug/ml
18) T n-Dotriacontane (C32)	18.459	6372488	51.438 ug/ml
19) T n-Tetratriacontane (C34)	19.242	6236485	57.138 ug/ml
20) T n-Hexatriacontane (C36)	19.981	6010428	63.529 ug/ml
21) T n-Octatriacontane (C38)	20.701	5908903	65.319 ug/ml
22) T n-Tetracontane (C40)	21.581	5789351	65.684 ug/ml

(f)=RT Delta > 1/2 Window

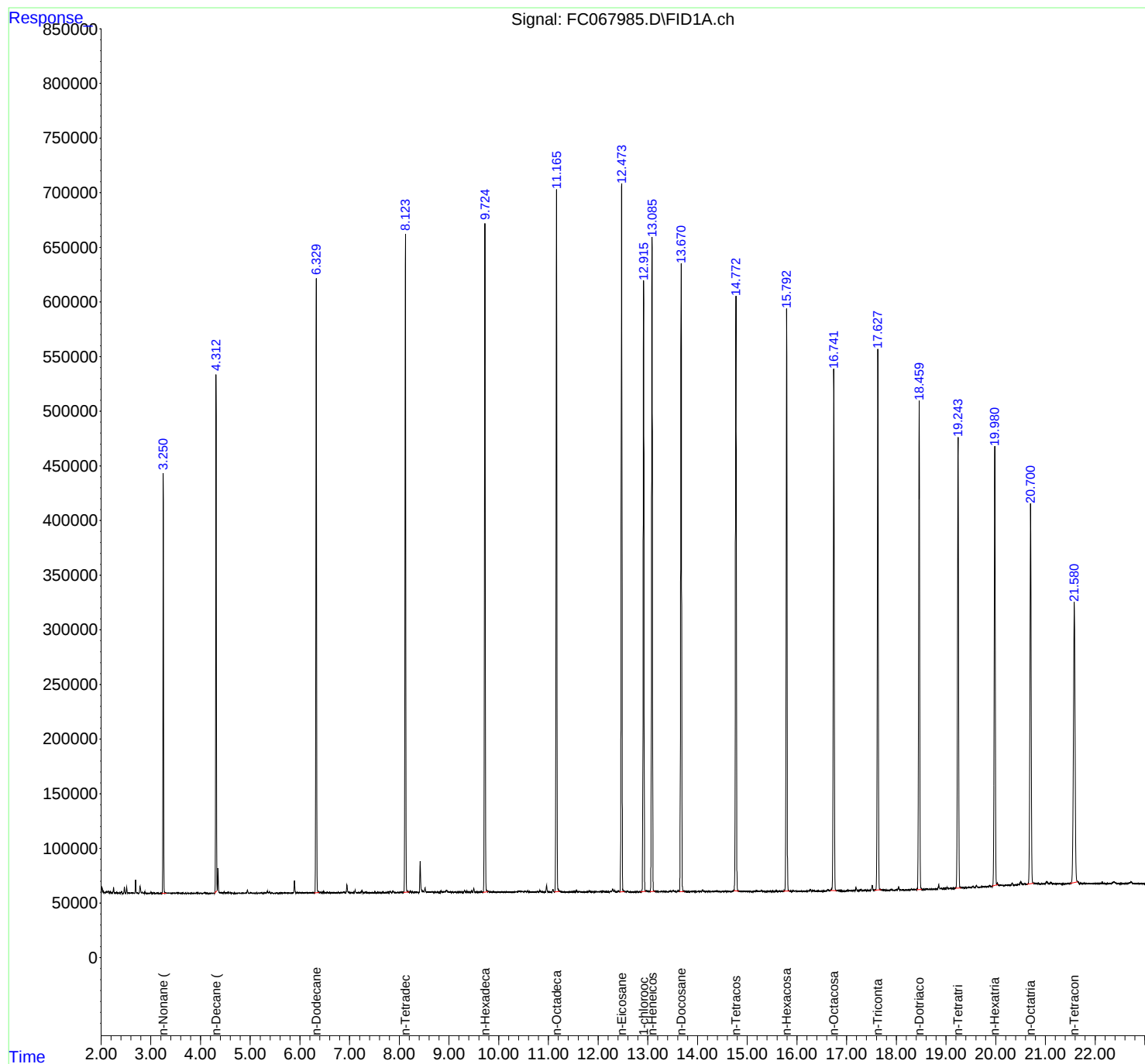
(m)=manual int.

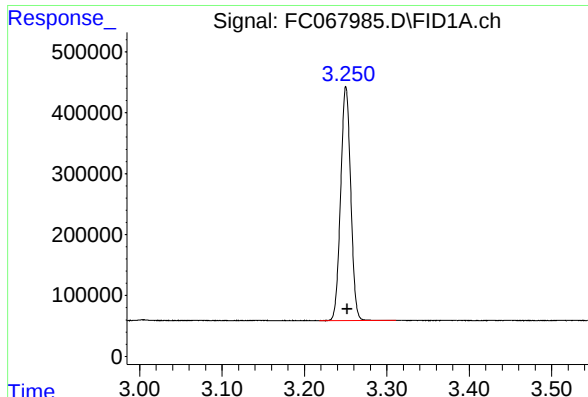
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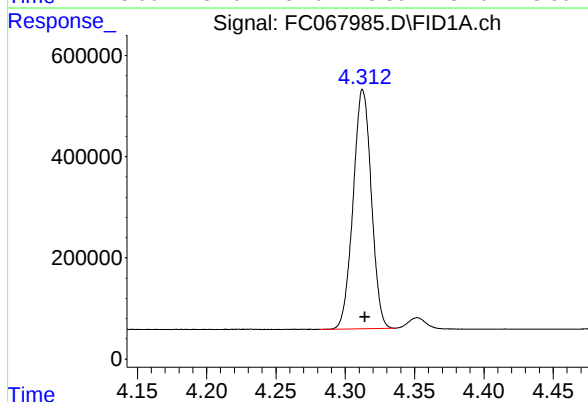




#1 n-Nonane (C9)

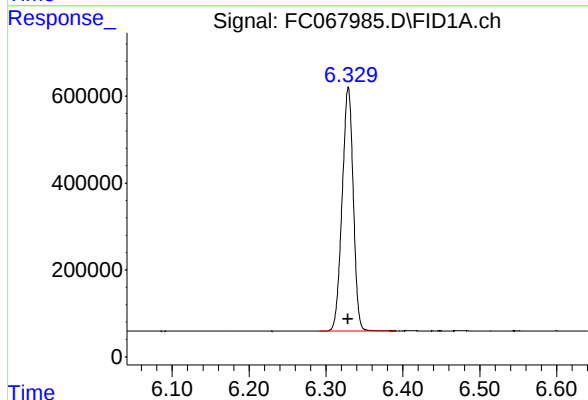
R.T.: 3.250 min
Delta R.T.: -0.002 min
Response: 3253062
Conc: 20.94 ug/ml

Instrument :
FID_C
ClientSampleId :
PB165557BS



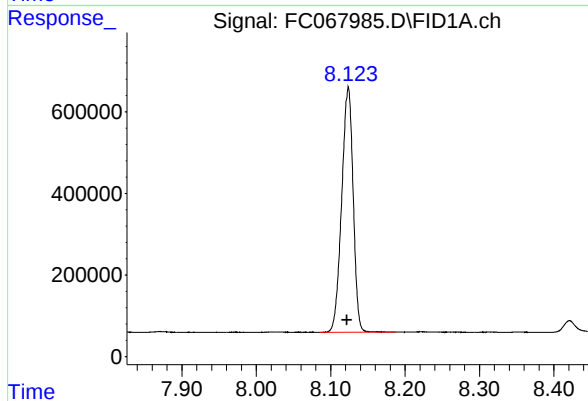
#2 n-Decane (C10)

R.T.: 4.313 min
Delta R.T.: -0.001 min
Response: 4312232
Conc: 27.20 ug/ml



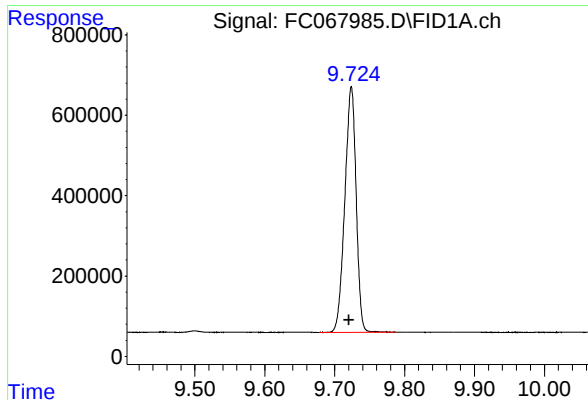
#4 n-Dodecane (C12)

R.T.: 6.329 min
Delta R.T.: 0.000 min
Response: 5614612
Conc: 34.87 ug/ml



#6 n-Tetradecane (C14)

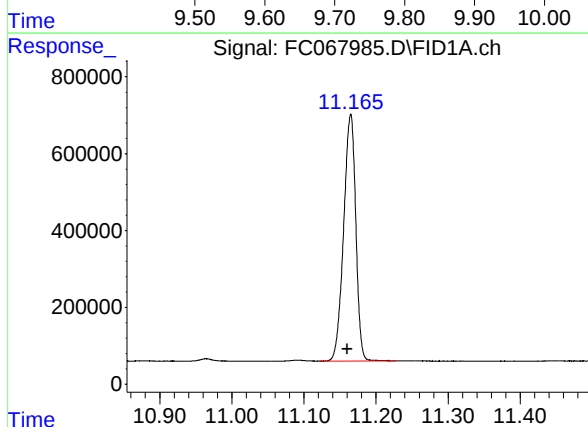
R.T.: 8.123 min
Delta R.T.: 0.002 min
Response: 6434698
Conc: 40.47 ug/ml



#7 n-Hexadecane (C16)

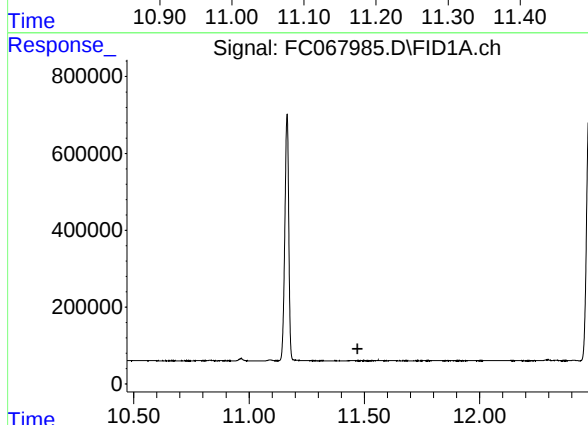
R.T.: 9.724 min
Delta R.T.: 0.003 min
Response: 6868551
Conc: 42.52 ug/ml

Instrument :
FID_C
ClientSampleId :
PB165557BS



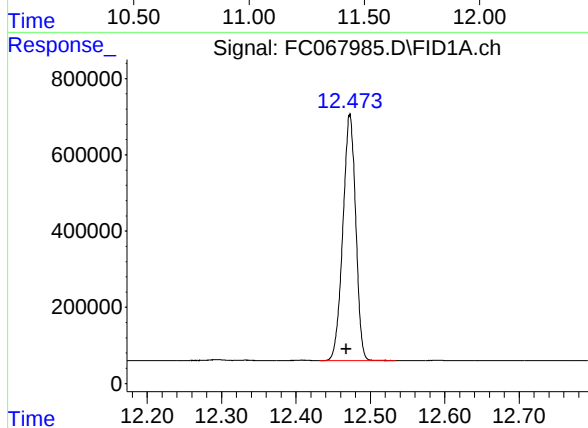
#8 n-Octadecane (C18)

R.T.: 11.165 min
Delta R.T.: 0.004 min
Response: 7527529
Conc: 46.89 ug/ml



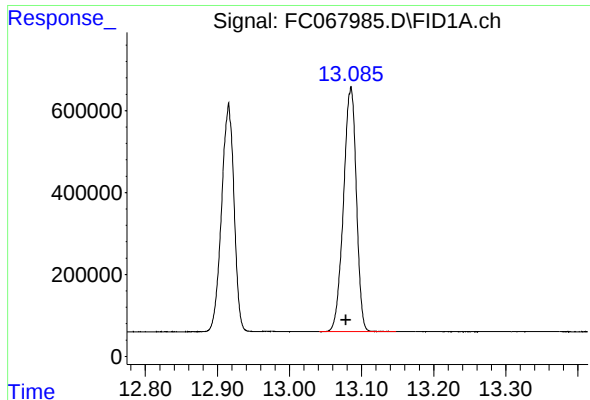
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.470 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

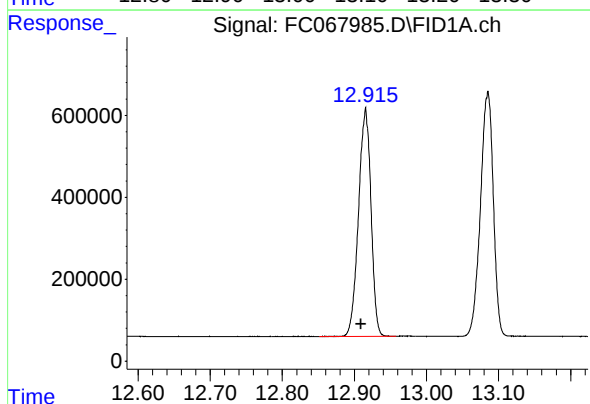
R.T.: 12.472 min
Delta R.T.: 0.005 min
Response: 7757487
Conc: 51.57 ug/ml



#11 n-Heneicosane (C21)

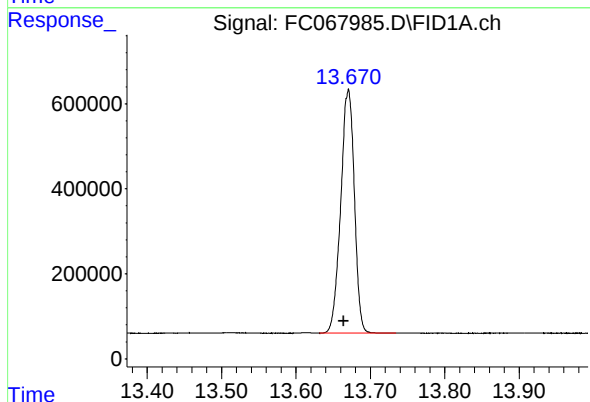
R.T.: 13.085 min
Delta R.T.: 0.006 min
Response: 7414886
Conc: 50.75 ug/ml

Instrument :
FID_C
ClientSampleId :
PB165557BS



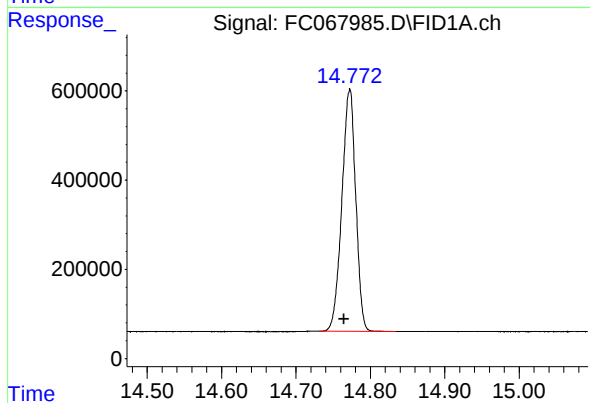
#12 1-chlorooctadecane (SURR)

R.T.: 12.915 min
Delta R.T.: 0.006 min
Response: 6689899
Conc: 52.43 ug/ml



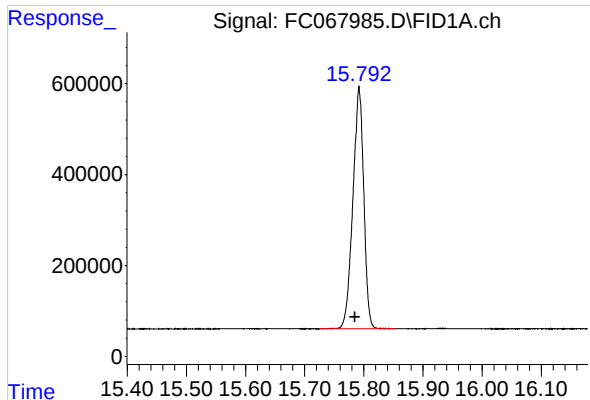
#13 n-Docosane (C22)

R.T.: 13.670 min
Delta R.T.: 0.006 min
Response: 7310689
Conc: 51.07 ug/ml



#14 n-Tetracosane (C24)

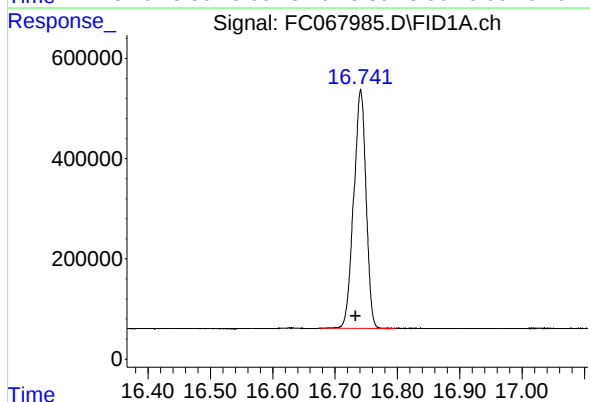
R.T.: 14.772 min
Delta R.T.: 0.007 min
Response: 7027295
Conc: 50.57 ug/ml



#15 n-Hexacosane (C26)

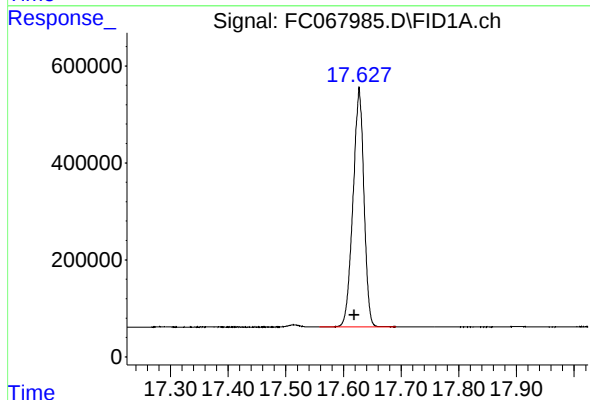
R.T.: 15.792 min
Delta R.T.: 0.007 min
Response: 6793943
Conc: 50.80 ug/ml

Instrument :
FID_C
ClientSampleId :
PB165557BS



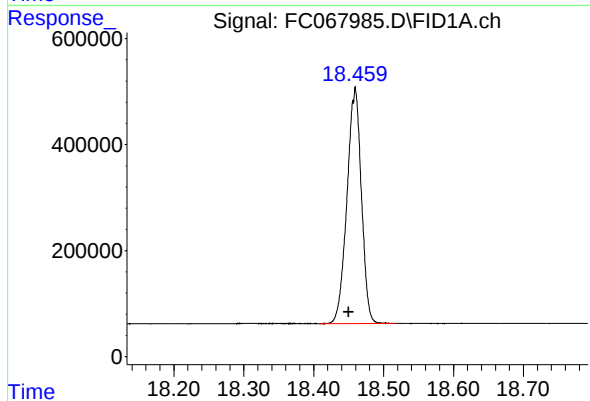
#16 n-Octacosane (C28)

R.T.: 16.741 min
Delta R.T.: 0.008 min
Response: 6557128
Conc: 50.55 ug/ml



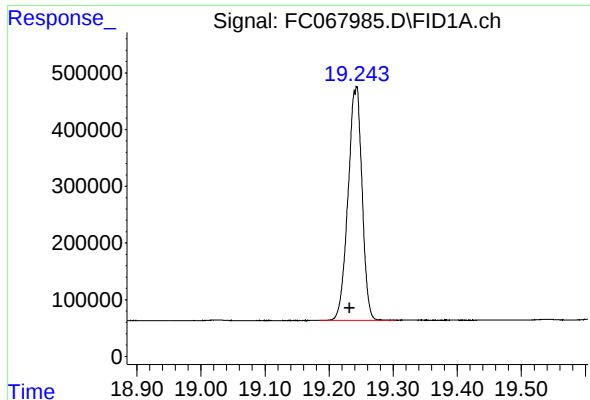
#17 n-Tricontane (C30)

R.T.: 17.627 min
Delta R.T.: 0.008 min
Response: 6497949
Conc: 50.16 ug/ml



#18 n-Dotriacontane (C32)

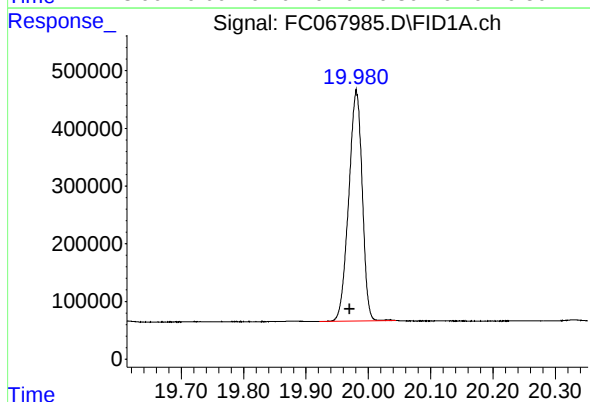
R.T.: 18.459 min
Delta R.T.: 0.009 min
Response: 6372488
Conc: 51.44 ug/ml



#19 n-Tetratriacontane (C34)

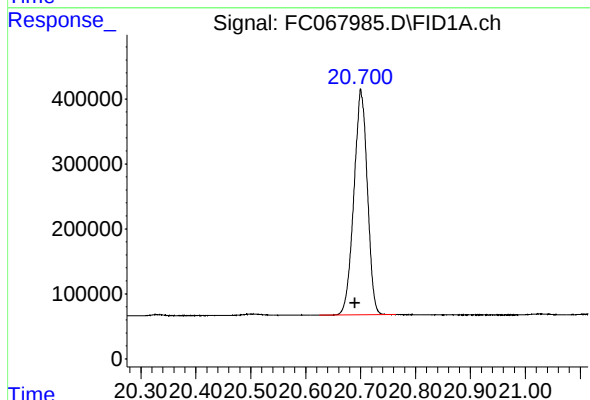
R.T.: 19.242 min
Delta R.T.: 0.009 min
Response: 6236485
Conc: 57.14 ug/ml

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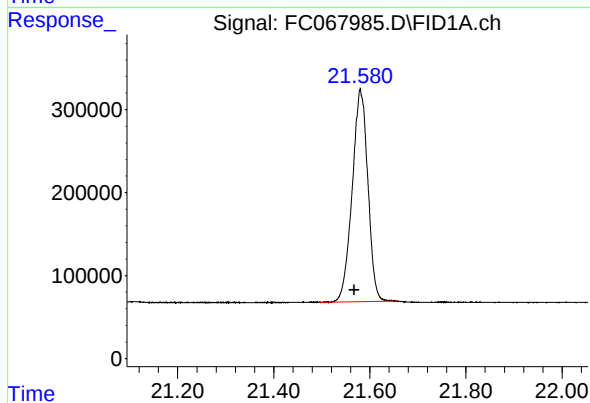
#20 n-Hexatriacontane (C36)

R.T.: 19.981 min
Delta R.T.: 0.011 min
Response: 6010428
Conc: 63.53 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.701 min
Delta R.T.: 0.012 min
Response: 5908903
Conc: 65.32 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.581 min
Delta R.T.: 0.013 min
Response: 5789351
Conc: 65.68 ug/ml