

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020824AL\
 Data File : FD047206.D
 Signal(s) : FID2B.ch
 Acq On : 08 Feb 2024 21:18
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 09 05:34:57 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 09 05:31:04 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			
9) S ortho-Terphenyl (SURR)	11.356	3621088	20.049 ug/ml
Spiked Amount 50.000		Recovery =	40.10%
12) S 1-chlorooctadecane (S...	12.792	2776245	20.059 ug/ml
Spiked Amount 50.000		Recovery =	40.12%
Target Compounds			
1) T n-Nonane (C9)	3.198	3189230	20.384 ug/ml
2) T n-Decane (C10)	4.250	3258515	20.387 ug/ml
3) T A~Naphthalene (C11.7)	5.806	3561728	20.386 ug/ml
4) T n-Dodecane (C12)	6.249	3306322	20.385 ug/ml
5) T A~2-methylnaphthalene...	6.854	3459515	20.397 ug/ml
6) T n-Tetradecane (C14)	8.032	3291741	20.347 ug/ml
7) T n-Hexadecane (C16)	9.622	3387406	20.217 ug/ml
8) T n-Octadecane (C18)	11.054	3436129	20.190 ug/ml
10) T n-Eicosane (C20)	12.354	3301638	20.060 ug/ml
11) T n-Heneicosane (C21)	12.961	3250108	20.037 ug/ml
13) T n-Docosane (C22)	13.544	3225843	20.038 ug/ml
14) T n-Tetracosane (C24)	14.638	3186910	20.008 ug/ml
15) T n-Hexacosane (C26)	15.650	3095067	19.932 ug/ml
16) T n-Octacosane (C28)	16.593	2972216	19.858 ug/ml
17) T n-Tricontane (C30)	17.473	2951392	19.942 ug/ml
18) T n-Dotriacontane (C32)	18.298	2806677	19.903 ug/ml
19) T n-Tetratriacontane (C34)	19.074	2640847	19.952 ug/ml
20) T n-Hexatriacontane (C36)	19.808	2469611	19.851 ug/ml
21) T n-Octatriacontane (C38)	20.506	2369736	19.808 ug/ml
22) T n-Tetracontane (C40)	21.310	2270999	19.626 ug/ml

(f)=RT Delta > 1/2 Window

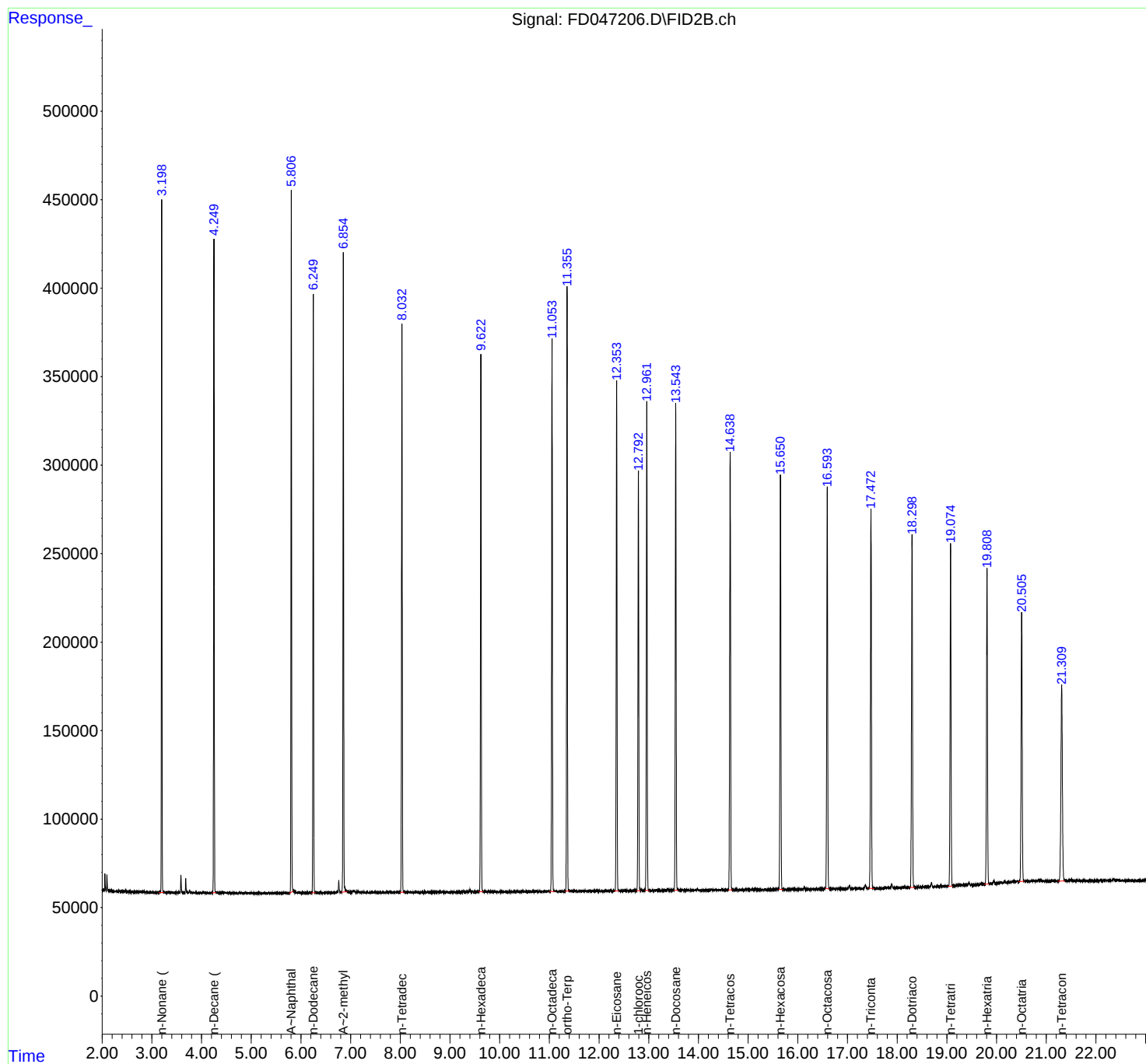
(m)=manual int.

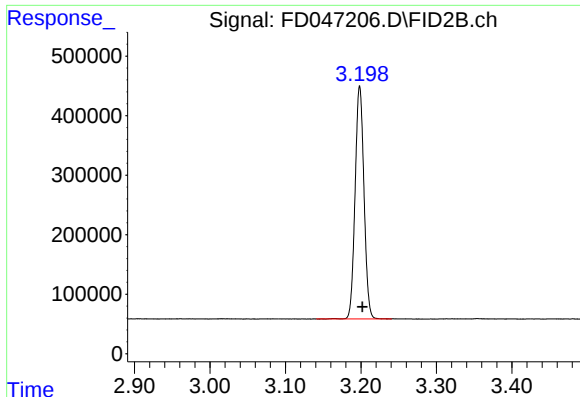
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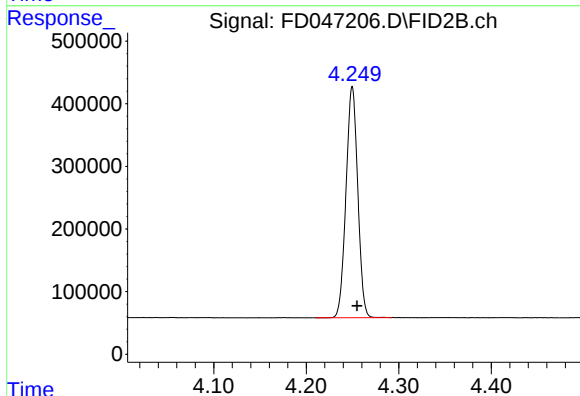




#1 n-Nonane (C9)

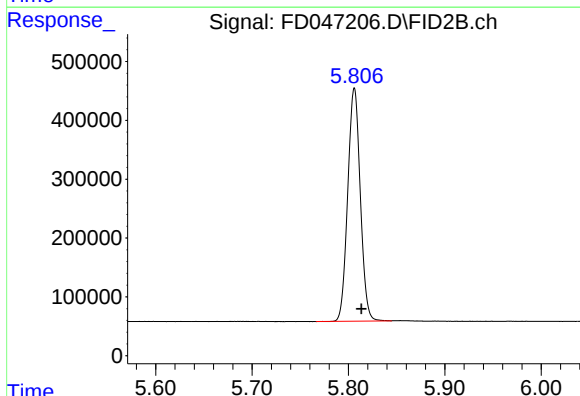
R.T.: 3.198 min
Delta R.T.: -0.004 min
Response: 3189230
Conc: 20.38 ug/ml

Instrument :
FID_D
ClientSampleId :



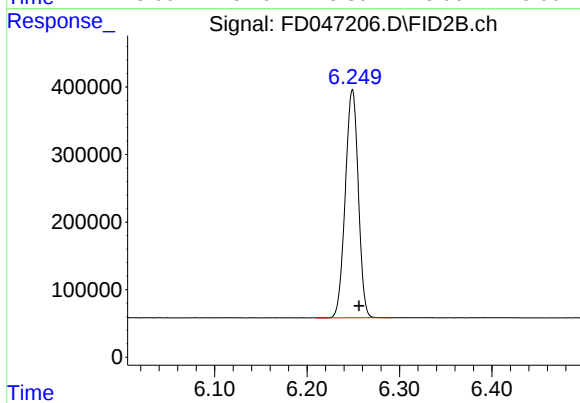
#2 n-Decane (C10)

R.T.: 4.250 min
Delta R.T.: -0.005 min
Response: 3258515
Conc: 20.39 ug/ml



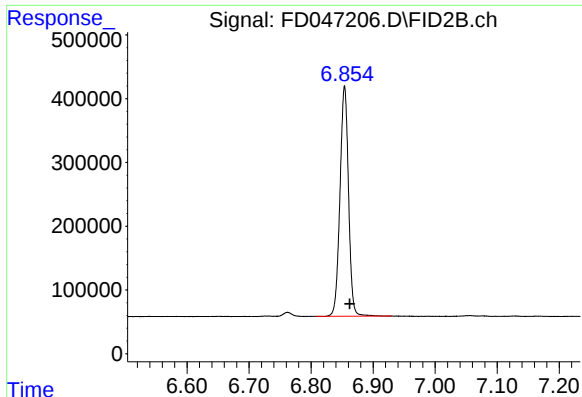
#3 A~Naphthalene (C11.7)

R.T.: 5.806 min
Delta R.T.: -0.007 min
Response: 3561728
Conc: 20.39 ug/ml



#4 n-Dodecane (C12)

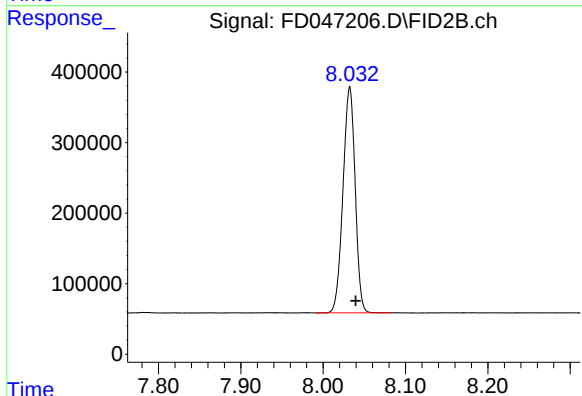
R.T.: 6.249 min
Delta R.T.: -0.007 min
Response: 3306322
Conc: 20.39 ug/ml



#5 A~2-methylnaphthalene (C12.89)

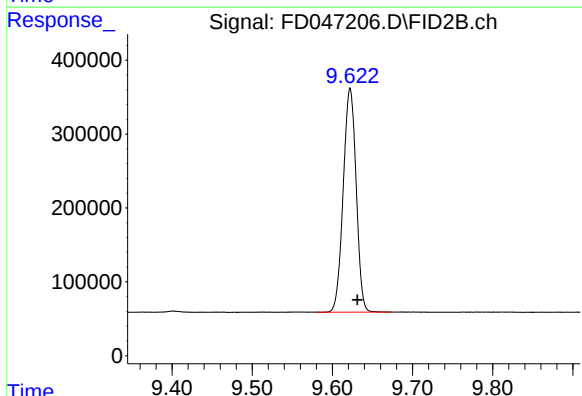
R.T.: 6.854 min
Delta R.T.: -0.009 min
Response: 3459515
Conc: 20.40 ug/ml

Instrument :
FID_D
ClientSampleId :



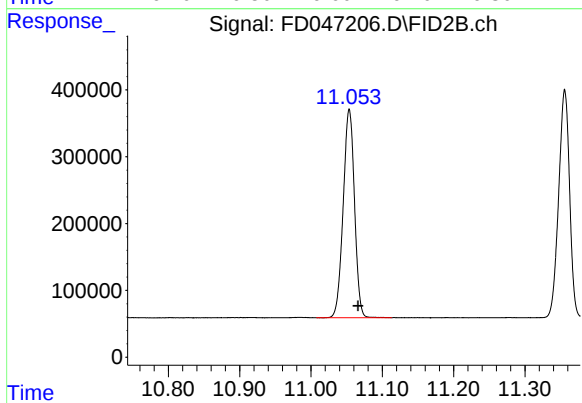
#6 n-Tetradecane (C14)

R.T.: 8.032 min
Delta R.T.: -0.007 min
Response: 3291741
Conc: 20.35 ug/ml



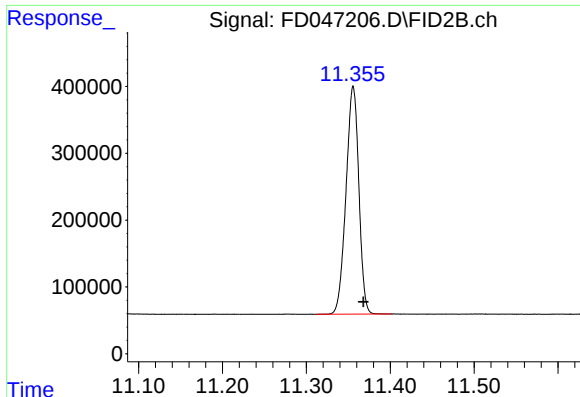
#7 n-Hexadecane (C16)

R.T.: 9.622 min
Delta R.T.: -0.009 min
Response: 3387406
Conc: 20.22 ug/ml



#8 n-Octadecane (C18)

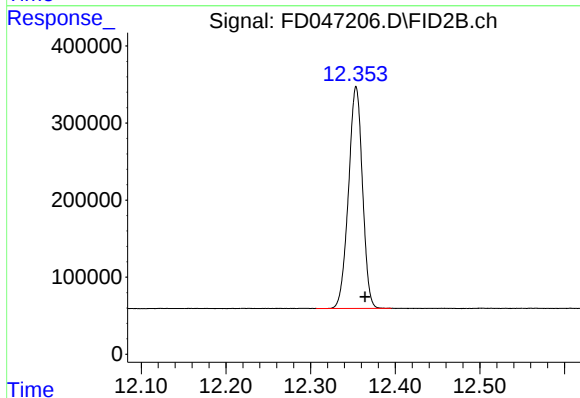
R.T.: 11.054 min
Delta R.T.: -0.012 min
Response: 3436129
Conc: 20.19 ug/ml



#9 ortho-Terphenyl (SURR)

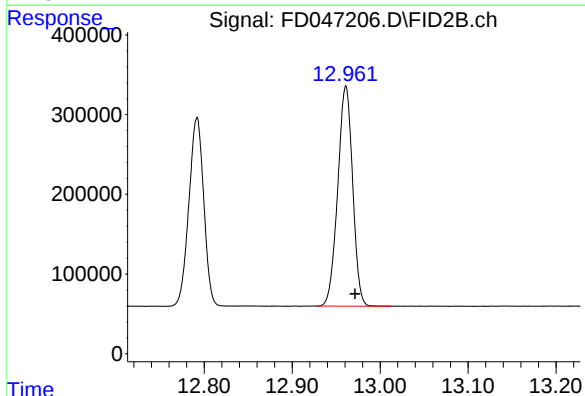
R.T.: 11.356 min
Delta R.T.: -0.012 min
Response: 3621088
Conc: 20.05 ug/ml

Instrument :
FID_D
ClientSampleId :



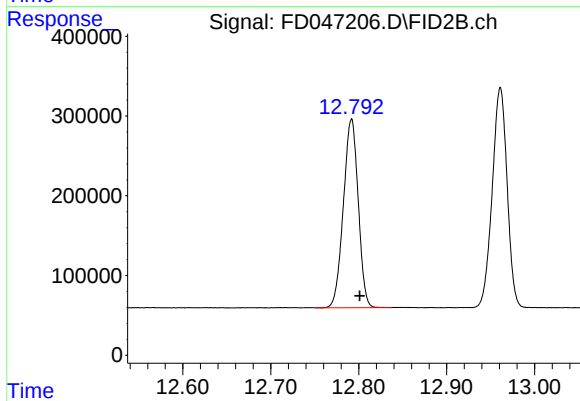
#10 n-Eicosane (C20)

R.T.: 12.354 min
Delta R.T.: -0.010 min
Response: 3301638
Conc: 20.06 ug/ml



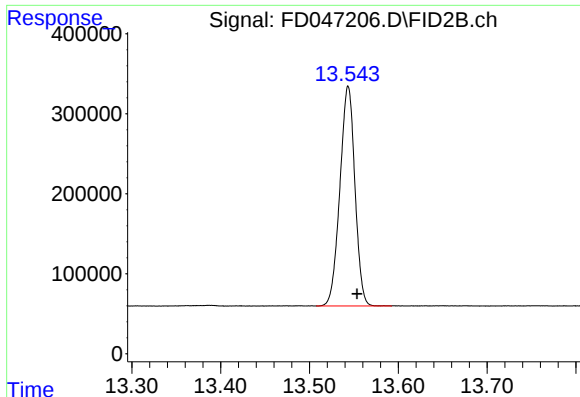
#11 n-Heneicosane (C21)

R.T.: 12.961 min
Delta R.T.: -0.011 min
Response: 3250108
Conc: 20.04 ug/ml



#12 1-chlorooctadecane (SURR)

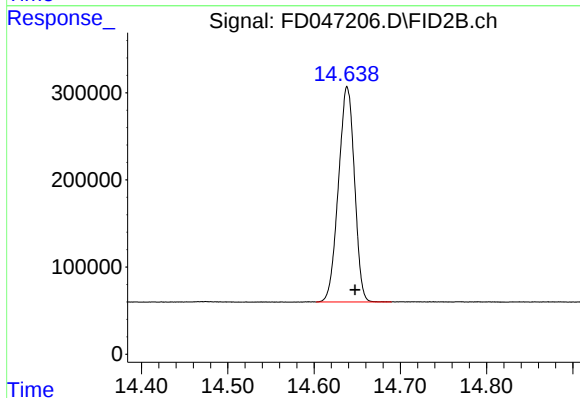
R.T.: 12.792 min
Delta R.T.: -0.009 min
Response: 2776245
Conc: 20.06 ug/ml



#13 n-Docosane (C22)

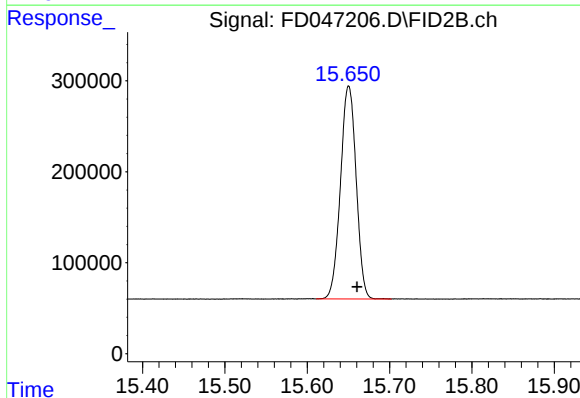
R.T.: 13.544 min
Delta R.T.: -0.010 min
Response: 3225843
Conc: 20.04 ug/ml

Instrument :
FID_D
ClientSampleId :



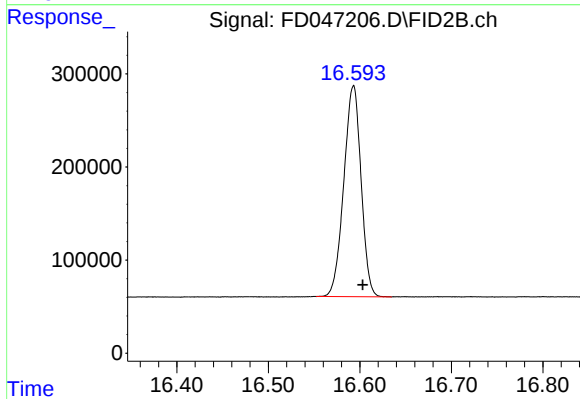
#14 n-Tetracosane (C24)

R.T.: 14.638 min
Delta R.T.: -0.009 min
Response: 3186910
Conc: 20.01 ug/ml



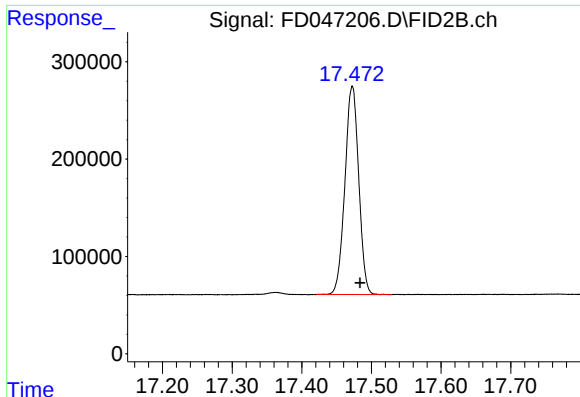
#15 n-Hexacosane (C26)

R.T.: 15.650 min
Delta R.T.: -0.010 min
Response: 3095067
Conc: 19.93 ug/ml



#16 n-Octacosane (C28)

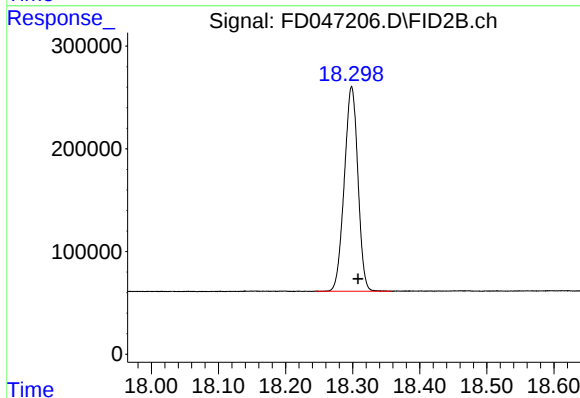
R.T.: 16.593 min
Delta R.T.: -0.010 min
Response: 2972216
Conc: 19.86 ug/ml



#17 n-Tricontane (C30)

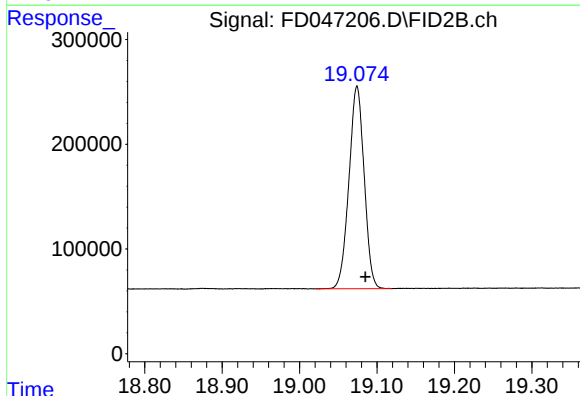
R.T.: 17.473 min
Delta R.T.: -0.011 min
Response: 2951392
Conc: 19.94 ug/ml

Instrument :
FID_D
ClientSampleId :



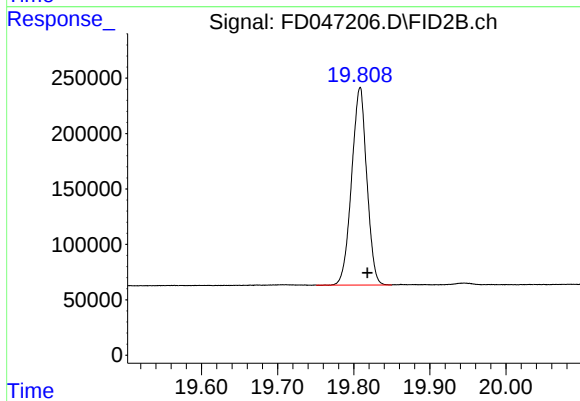
#18 n-Dotriacontane (C32)

R.T.: 18.298 min
Delta R.T.: -0.010 min
Response: 2806677
Conc: 19.90 ug/ml



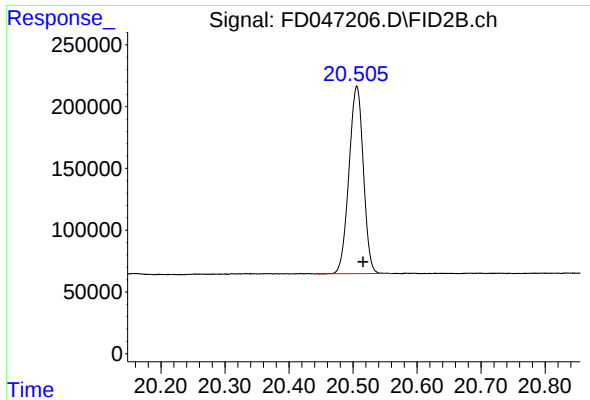
#19 n-Tetratriacontane (C34)

R.T.: 19.074 min
Delta R.T.: -0.011 min
Response: 2640847
Conc: 19.95 ug/ml



#20 n-Hexatriacontane (C36)

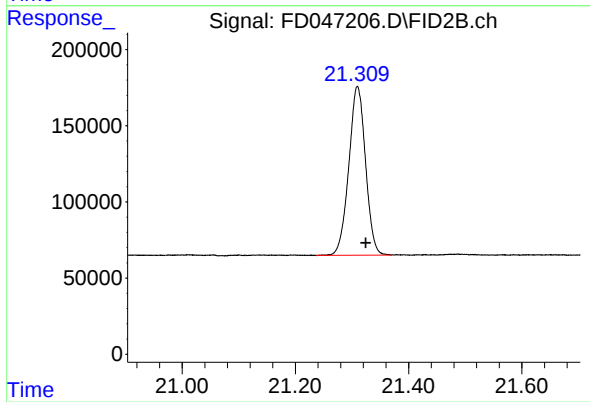
R.T.: 19.808 min
Delta R.T.: -0.010 min
Response: 2469611
Conc: 19.85 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.506 min
Delta R.T.: -0.010 min
Response: 2369736
Conc: 19.81 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.310 min
Delta R.T.: -0.015 min
Response: 2270999
Conc: 19.63 ug/ml