

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091523AL\
 Data File : FD046495.D
 Signal(s) : FID2B.ch
 Acq On : 15 Sep 2023 01:52
 Operator : YP/AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 15 04:48:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 04:46:37 2023
 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)	11.396	19804934	95.140 ug/ml
Spiked Amount 50.000		Recovery =	190.28%
12) S 1-chlorooctadecane (S...	12.827	14801437	95.501 ug/ml
Spiked Amount 50.000		Recovery =	191.00%
Target Compounds			
1) T n-Nonane (C9)	3.222	15319441	94.772 ug/ml
2) T n-Decane (C10)	4.276	15644500	94.806 ug/ml
3) T A~Naphthalene (C11.7)	5.837	17462348	94.919 ug/ml
4) T n-Dodecane (C12)	6.279	15787225	95.018 ug/ml
5) T A~2-methylnaphthalene...	6.887	17002777	95.401 ug/ml
6) T n-Tetradecane (C14)	8.063	15765111	95.251 ug/ml
7) T n-Hexadecane (C16)	9.655	16564850	95.364 ug/ml
8) T n-Octadecane (C18)	11.090	17127602	95.294 ug/ml
10) T n-Eicosane (C20)	12.389	16837429	95.180 ug/ml
11) T n-Heneicosane (C21)	12.996	16733560	95.099 ug/ml
13) T n-Docosane (C22)	13.578	16780033	95.037 ug/ml
14) T n-Tetracosane (C24)	14.673	16862199	94.619 ug/ml
15) T n-Hexacosane (C26)	15.685	16481457	94.509 ug/ml
16) T n-Octacosane (C28)	16.627	15863010	94.164 ug/ml
17) T n-Tricontane (C30)	17.507	15497724	93.321 ug/ml
18) T n-Dotriacontane (C32)	18.332	14622284	92.902 ug/ml
19) T n-Tetratriacontane (C34)	19.109	13808257	90.496 ug/ml
20) T n-Hexatriacontane (C36)	19.840	12930963	94.052 ug/ml
21) T n-Octatriacontane (C38)	20.541	12414303	94.471 ug/ml
22) T n-Tetracontane (C40)	21.355	11817266	94.712 ug/ml

(f)=RT Delta > 1/2 Window

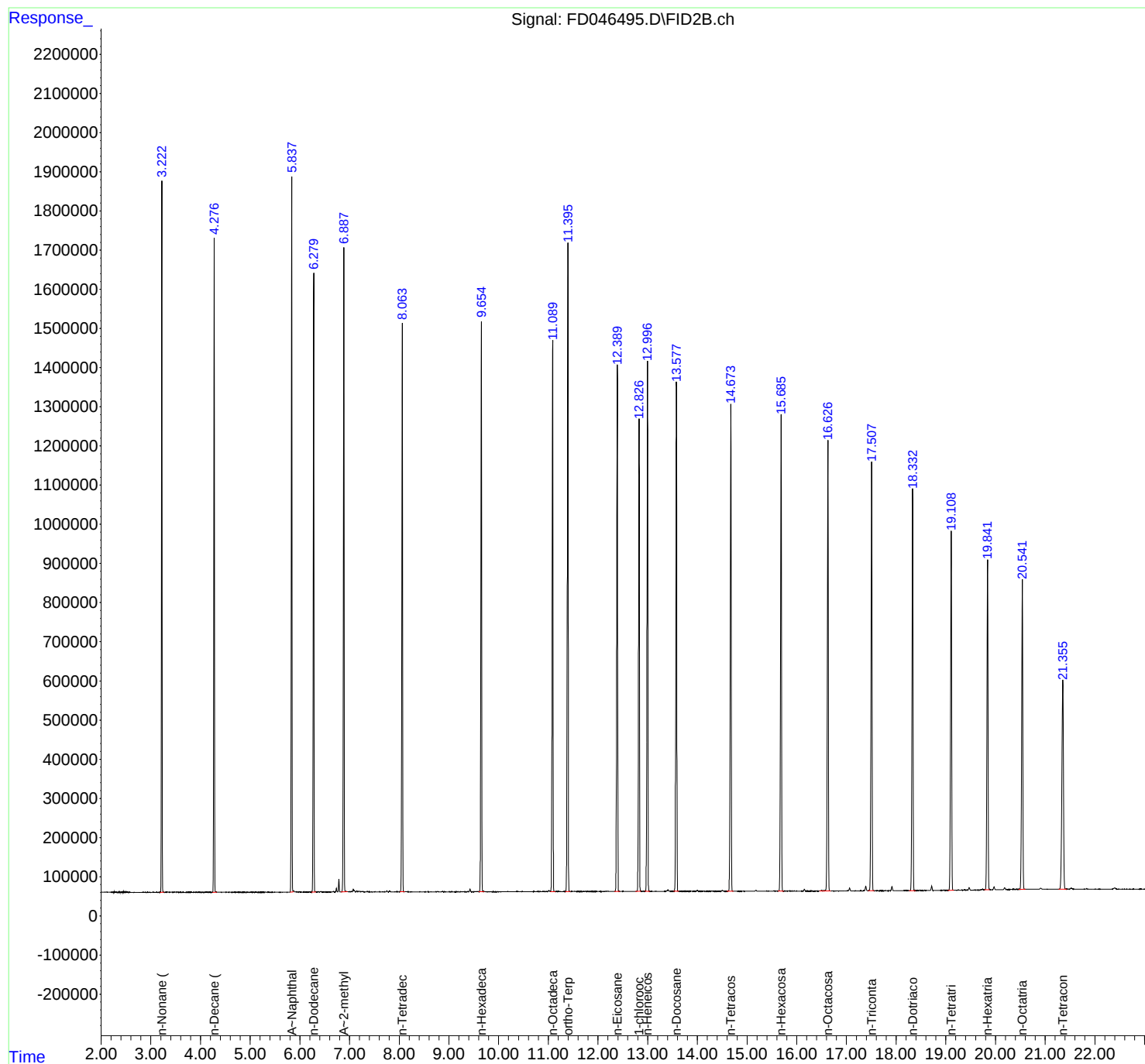
(m)=manual int.

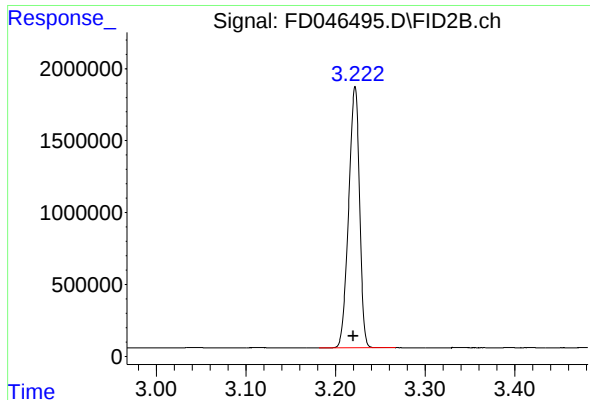
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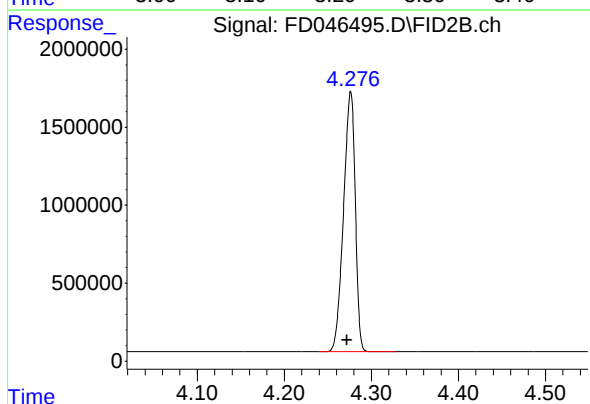




#1 n-Nonane (C9)

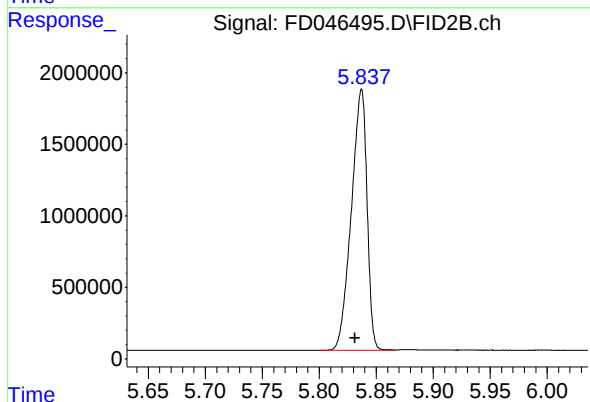
R.T.: 3.222 min
Delta R.T.: 0.002 min
Response: 15319441
Conc: 94.77 ug/ml

Instrument :
FID_D
ClientSampleId :



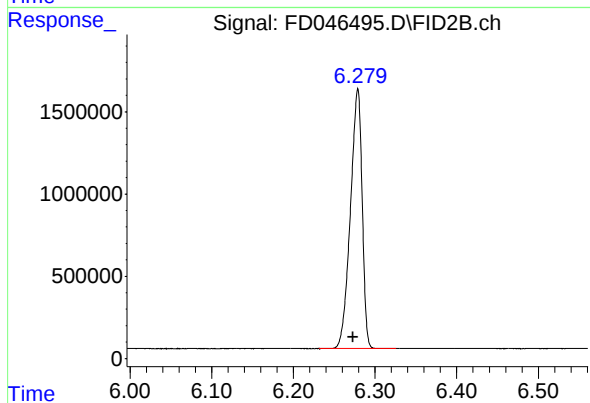
#2 n-Decane (C10)

R.T.: 4.276 min
Delta R.T.: 0.004 min
Response: 15644500
Conc: 94.81 ug/ml



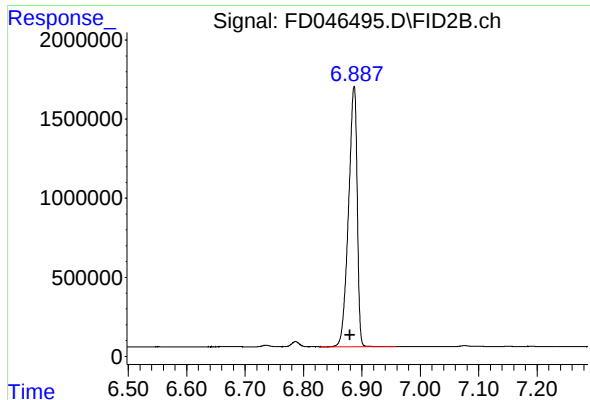
#3 A~Naphthalene (C11.7)

R.T.: 5.837 min
Delta R.T.: 0.006 min
Response: 17462348
Conc: 94.92 ug/ml



#4 n-Dodecane (C12)

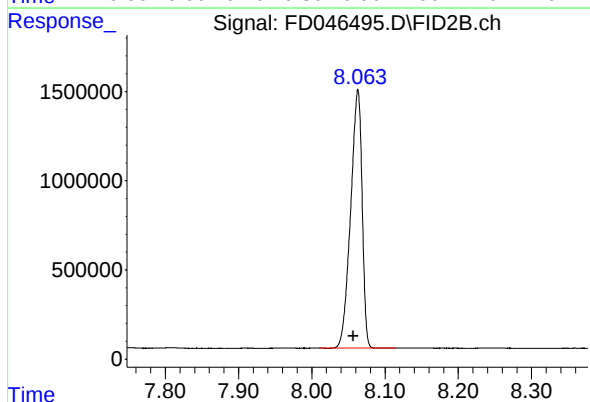
R.T.: 6.279 min
Delta R.T.: 0.006 min
Response: 15787225
Conc: 95.02 ug/ml



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

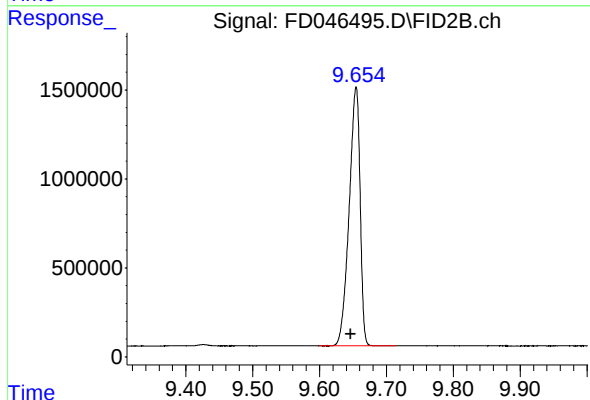
R.T.: 6.887 min
Delta R.T.: 0.007 min
Response: 17002777
Conc: 95.40 ug/ml

Instrument :
FID_D
ClientSampleId :



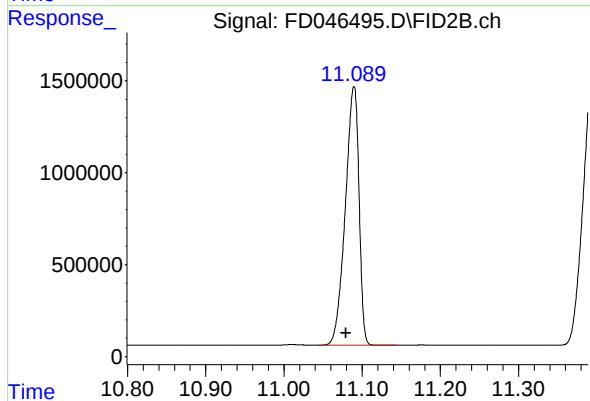
#6 n-Tetradecane (C14)

R.T.: 8.063 min
Delta R.T.: 0.006 min
Response: 15765111
Conc: 95.25 ug/ml



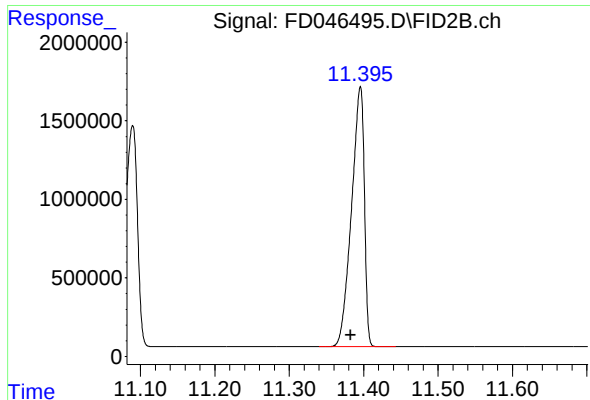
#7 n-Hexadecane (C16)

R.T.: 9.655 min
Delta R.T.: 0.008 min
Response: 16564850
Conc: 95.36 ug/ml



#8 n-Octadecane (C18)

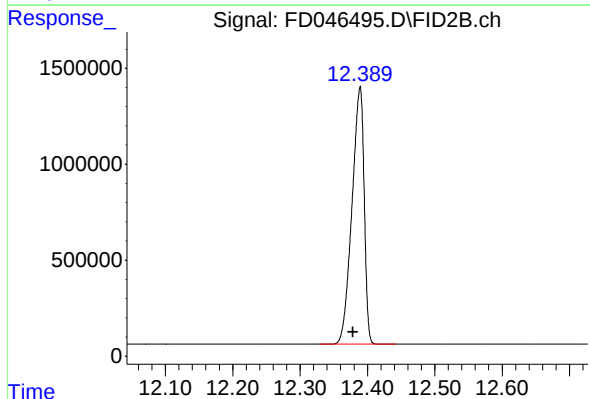
R.T.: 11.090 min
Delta R.T.: 0.010 min
Response: 17127602
Conc: 95.29 ug/ml



#9 ortho-Terphenyl (SURR)

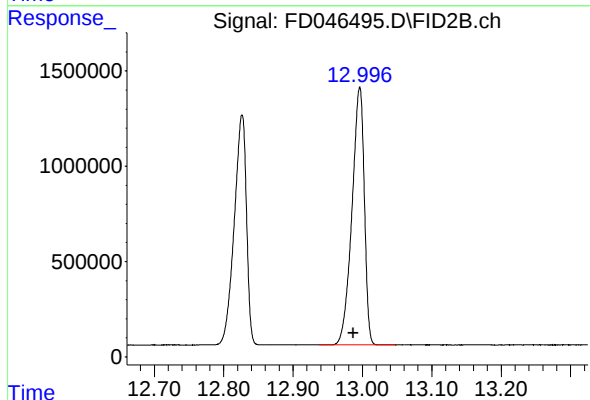
R.T.: 11.396 min
Delta R.T.: 0.013 min
Response: 19804934
Conc: 95.14 ug/ml

Instrument :
FID_D
ClientSampleId :



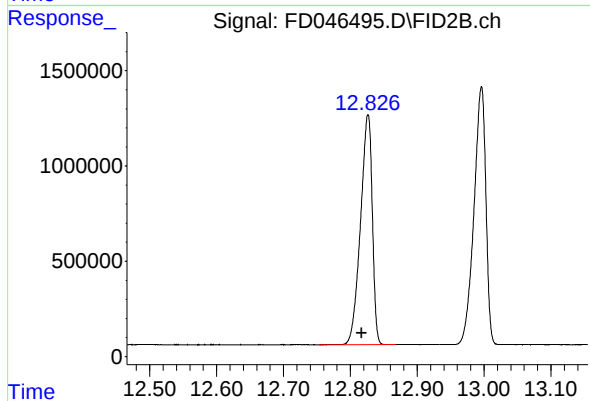
#10 n-Eicosane (C20)

R.T.: 12.389 min
Delta R.T.: 0.010 min
Response: 16837429
Conc: 95.18 ug/ml



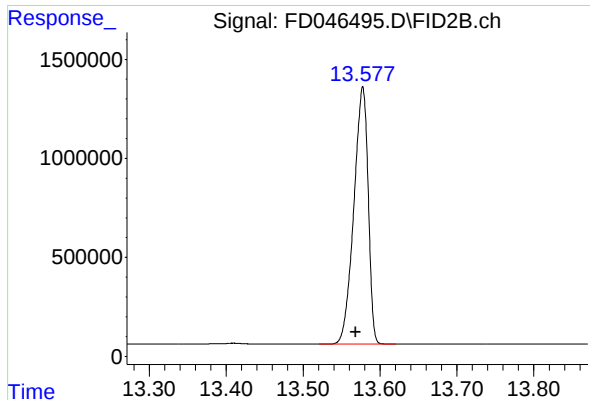
#11 n-Heneicosane (C21)

R.T.: 12.996 min
Delta R.T.: 0.009 min
Response: 16733560
Conc: 95.10 ug/ml



#12 1-chlorooctadecane (SURR)

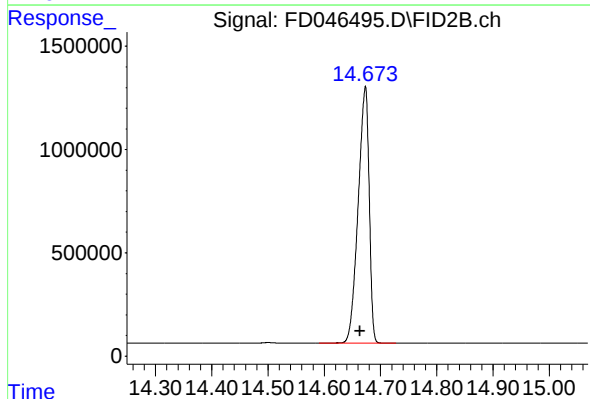
R.T.: 12.827 min
Delta R.T.: 0.010 min
Response: 14801437
Conc: 95.50 ug/ml



#13 n-Docosane (C22)

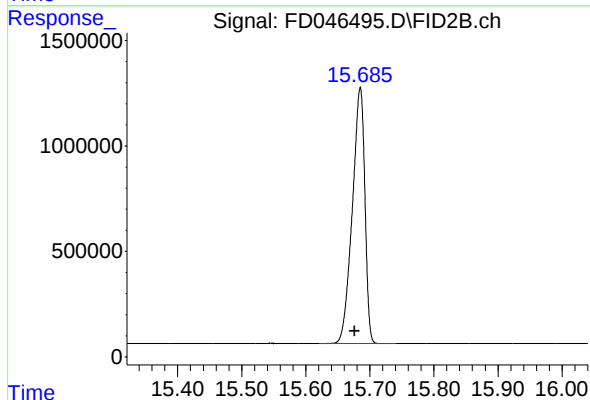
R.T.: 13.578 min
Delta R.T.: 0.009 min
Response: 16780033
Conc: 95.04 ug/ml

Instrument :
FID_D
ClientSampleId :



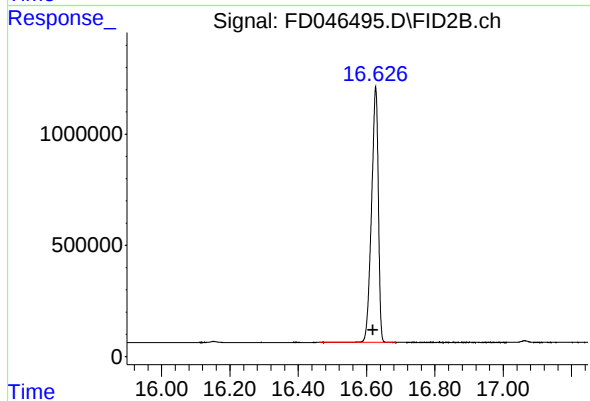
#14 n-Tetracosane (C24)

R.T.: 14.673 min
Delta R.T.: 0.010 min
Response: 16862199
Conc: 94.62 ug/ml



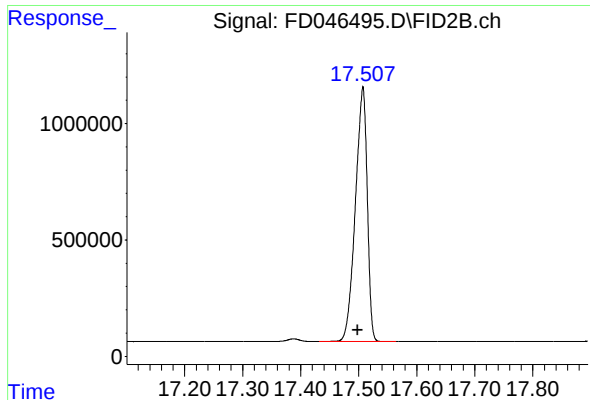
#15 n-Hexacosane (C26)

R.T.: 15.685 min
Delta R.T.: 0.009 min
Response: 16481457
Conc: 94.51 ug/ml



#16 n-Octacosane (C28)

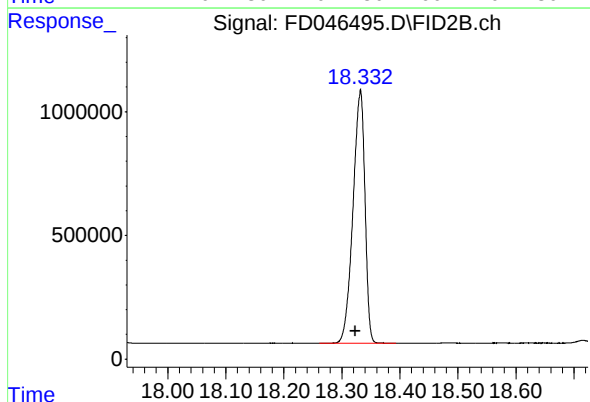
R.T.: 16.627 min
Delta R.T.: 0.008 min
Response: 15863010
Conc: 94.16 ug/ml



#17 n-Tricontane (C30)

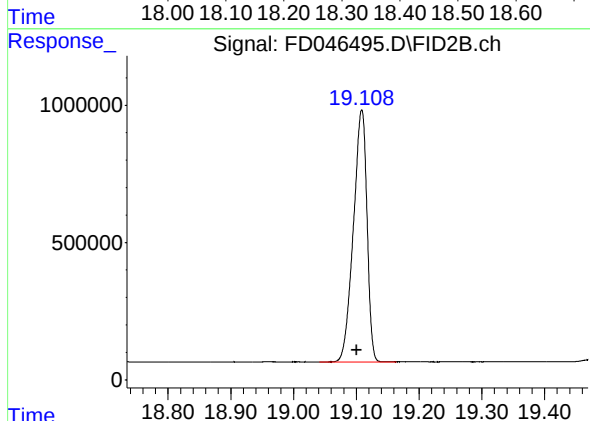
R.T.: 17.507 min
Delta R.T.: 0.009 min
Response: 15497724
Conc: 93.32 ug/ml

Instrument :
FID_D
ClientSampleId :



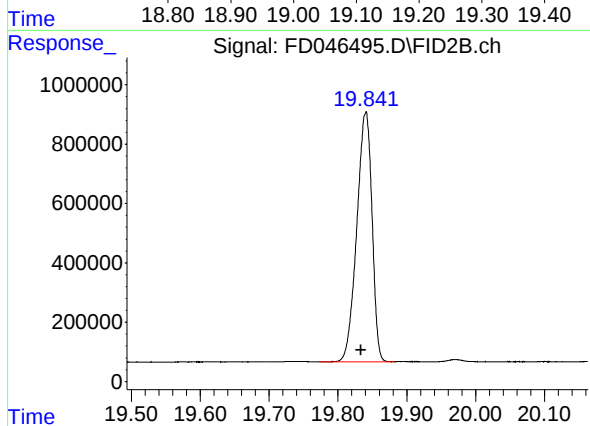
#18 n-Dotriacontane (C32)

R.T.: 18.332 min
Delta R.T.: 0.009 min
Response: 14622284
Conc: 92.90 ug/ml



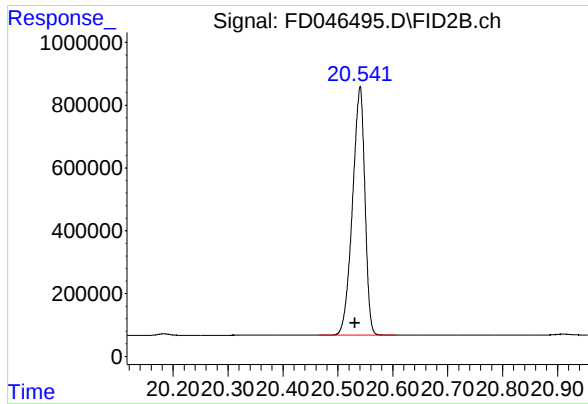
#19 n-Tetatriacontane (C34)

R.T.: 19.109 min
Delta R.T.: 0.009 min
Response: 13808257
Conc: 90.50 ug/ml



#20 n-Hexatriacontane (C36)

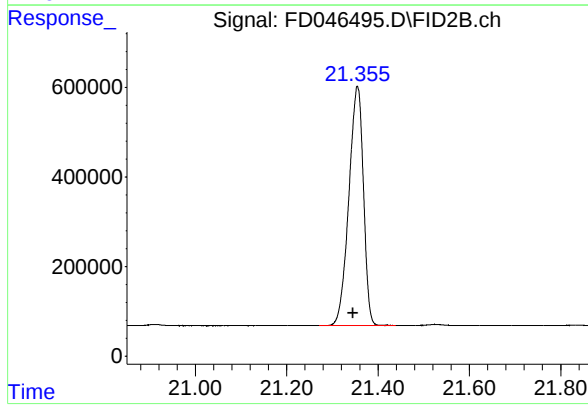
R.T.: 19.840 min
Delta R.T.: 0.007 min
Response: 12930963
Conc: 94.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.541 min
Delta R.T.: 0.010 min
Response: 12414303
Conc: 94.47 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.355 min
Delta R.T.: 0.010 min
Response: 11817266
Conc: 94.71 ug/ml