

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030121AL\
 Data File : FD036260.D
 Signal(s) : FID2B.CH
 Acq On : 01 Mar 2021 14:02
 Operator : JJ/UA
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Mar 01 14:29:18 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 030121.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 01 14:28:20 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.508	1409832	10.118 ug/ml
Spiked Amount 50.000		Recovery =	20.24%
12) S 1-chlorooctadecane (S...	12.941	1075976	10.042 ug/ml
Spiked Amount 50.000		Recovery =	20.08%
Target Compounds			
1) T n-Nonane (C9)	3.305	1238577	10.154 ug/ml
2) T n-Decane (C10)	4.367	1249784	10.130 ug/ml
3) T A~Naphthalene (C11.7)	5.942	1416624	10.115 ug/ml
4) T n-Dodecane (C12)	6.377	1271303	10.125 ug/ml
5) T A~2-methylnaphthalene...	6.993	1445035	10.112 ug/ml
6) T n-Tetradecane (C14)	8.165	1270568	10.114 ug/ml
7) T n-Hexadecane (C16)	9.760	1240888	10.089 ug/ml
8) T n-Octadecane (C18)	11.195	1284262	10.082 ug/ml
10) T n-Eicosane (C20)	12.499	1284294	10.103 ug/ml
11) T n-Heneicosane (C21)	13.108	1277988	10.121 ug/ml
13) T n-Docosane (C22)	13.691	1270791	10.109 ug/ml
14) T n-Tetracosane (C24)	14.789	1250454	10.082 ug/ml
15) T n-Hexacosane (C26)	15.804	1220626	10.084 ug/ml
16) T n-Octacosane (C28)	16.749	1191954	10.061 ug/ml
17) T n-Tricontane (C30)	17.631	1166273	10.114 ug/ml
18) T n-Dotriacontane (C32)	18.458	1117864	10.138 ug/ml
19) T n-Tetratriacontane (C34)	19.237	1075614	10.124 ug/ml
20) T n-Hexatriacontane (C36)	19.971	1007273	10.043 ug/ml
21) T n-Octatriacontane (C38)	20.683	943326	9.998 ug/ml
22) T n-Tetracontane (C40)	21.541	945324	9.900 ug/ml

(f)=RT Delta > 1/2 Window

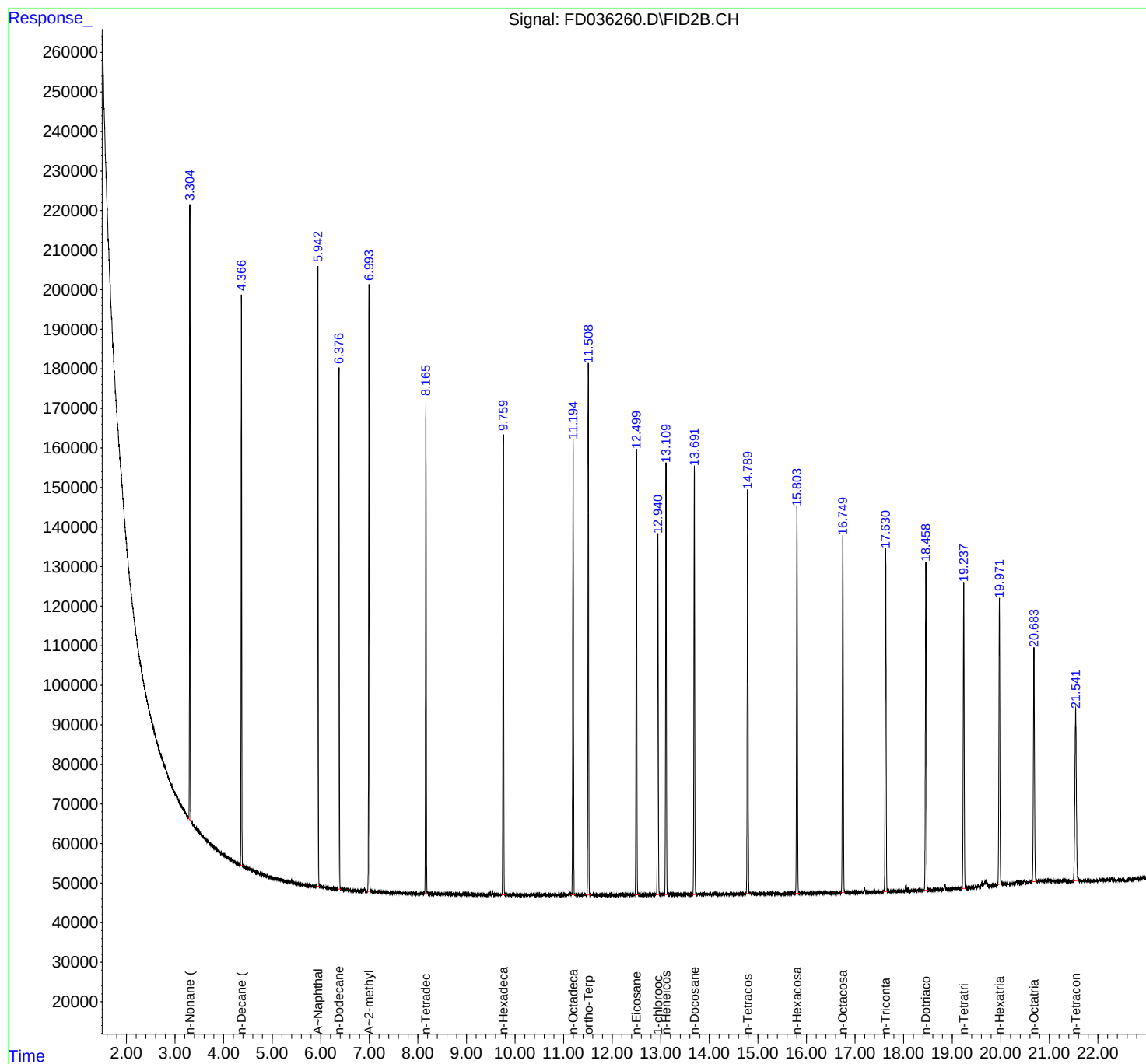
(m)=manual int.

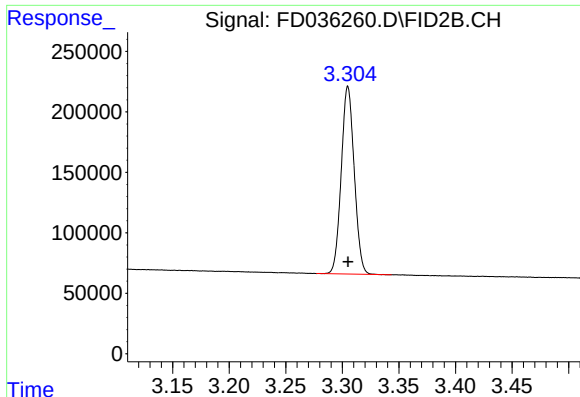
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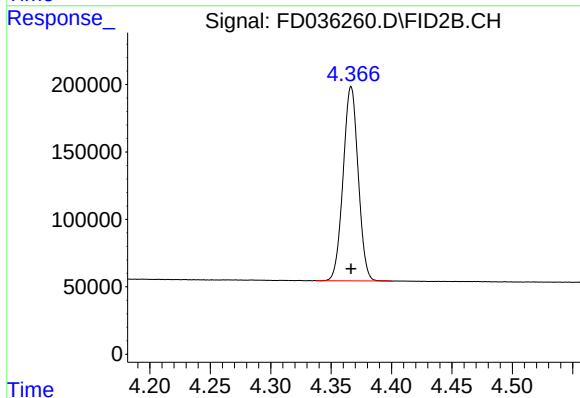




#1 n-Nonane (C9)

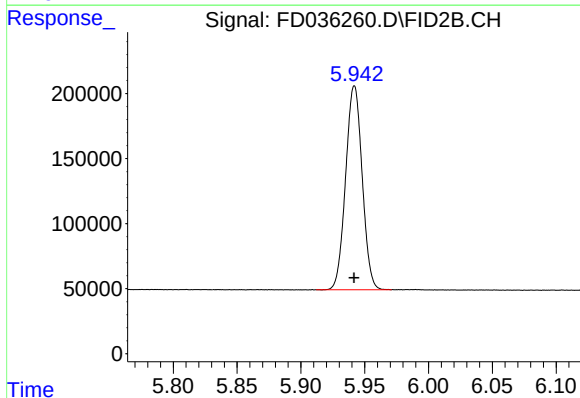
R.T.: 3.305 min
Delta R.T.: 0.000 min
Response: 1238577
Conc: 10.15 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4



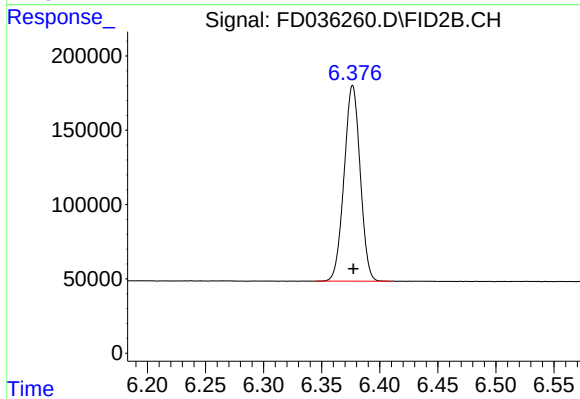
#2 n-Decane (C10)

R.T.: 4.367 min
Delta R.T.: 0.000 min
Response: 1249784
Conc: 10.13 ug/ml



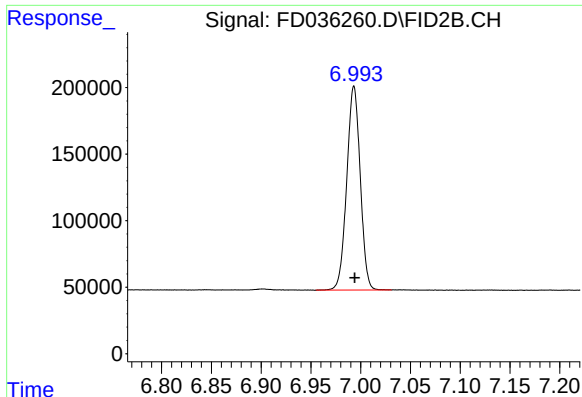
#3 A~Naphthalene (C11.7)

R.T.: 5.942 min
Delta R.T.: 0.000 min
Response: 1416624
Conc: 10.12 ug/ml



#4 n-Dodecane (C12)

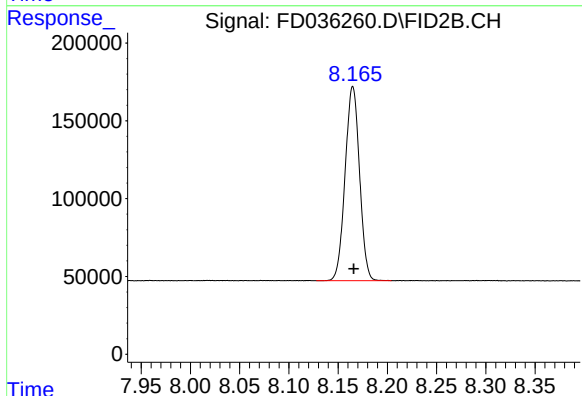
R.T.: 6.377 min
Delta R.T.: 0.000 min
Response: 1271303
Conc: 10.13 ug/ml



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

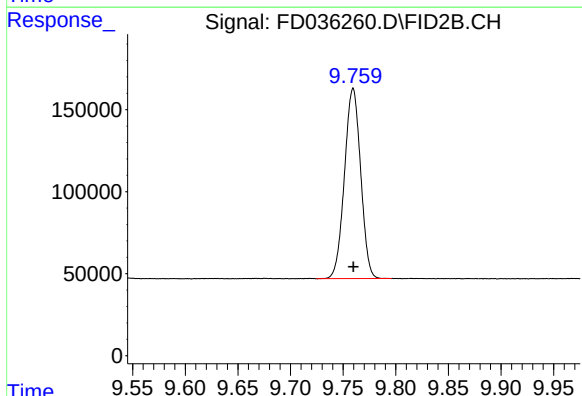
R.T.: 6.993 min
Delta R.T.: 0.000 min
Response: 1445035
Conc: 10.11 ug/ml

Instrument :
FID_D
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10 PPM ALIPHATIC HC STD4



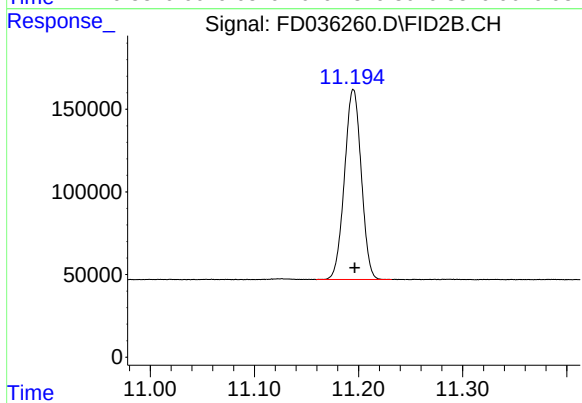
#6 n-Tetradecane (C14)

R.T.: 8.165 min
Delta R.T.: 0.000 min
Response: 1270568
Conc: 10.11 ug/ml



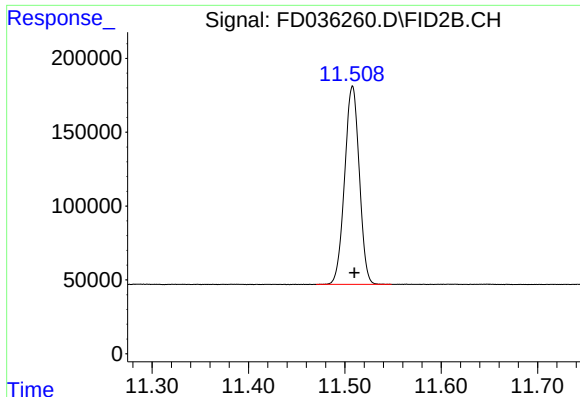
#7 n-Hexadecane (C16)

R.T.: 9.760 min
Delta R.T.: 0.000 min
Response: 1240888
Conc: 10.09 ug/ml



#8 n-Octadecane (C18)

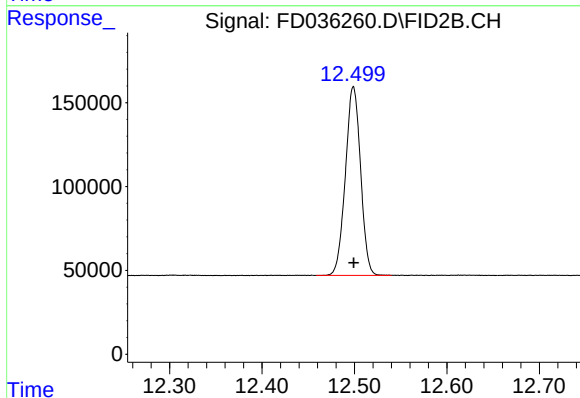
R.T.: 11.195 min
Delta R.T.: -0.001 min
Response: 1284262
Conc: 10.08 ug/ml



#9 ortho-Terphenyl (SURR)

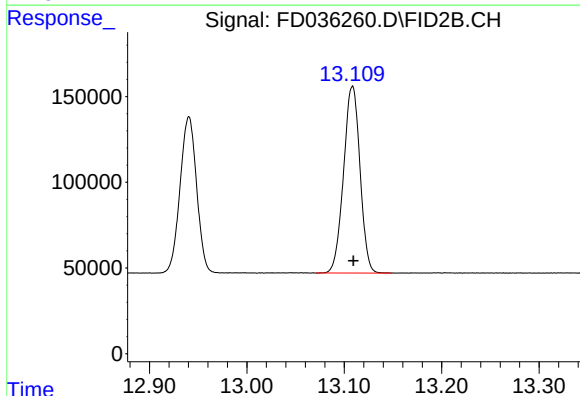
R.T.: 11.508 min
Delta R.T.: -0.002 min
Response: 1409832
Conc: 10.12 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4



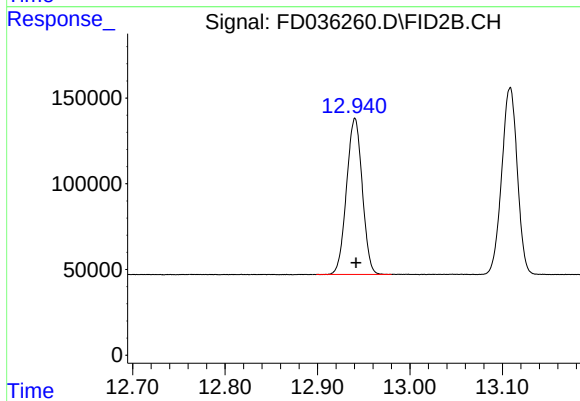
#10 n-Eicosane (C20)

R.T.: 12.499 min
Delta R.T.: 0.000 min
Response: 1284294
Conc: 10.10 ug/ml



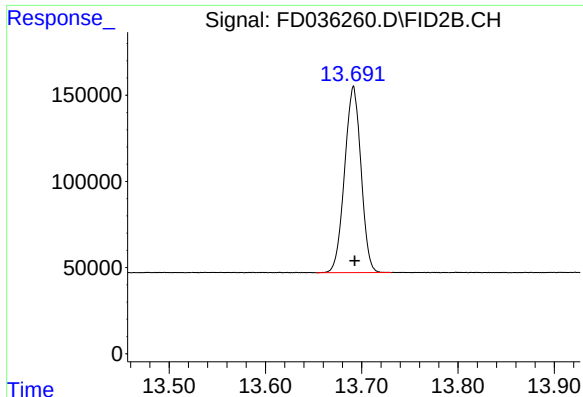
#11 n-Heneicosane (C21)

R.T.: 13.108 min
Delta R.T.: 0.000 min
Response: 1277988
Conc: 10.12 ug/ml



#12 1-chlorooctadecane (SURR)

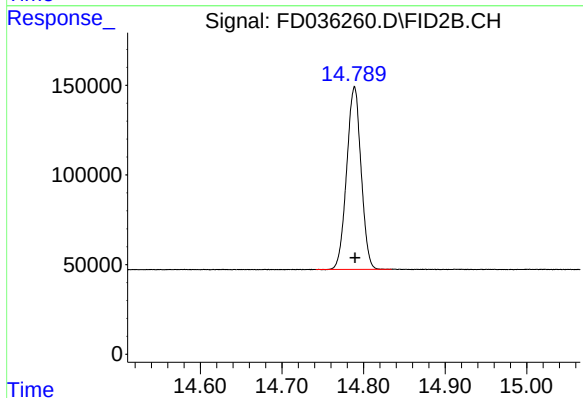
R.T.: 12.941 min
Delta R.T.: -0.001 min
Response: 1075976
Conc: 10.04 ug/ml



#13 n-Docosane (C22)

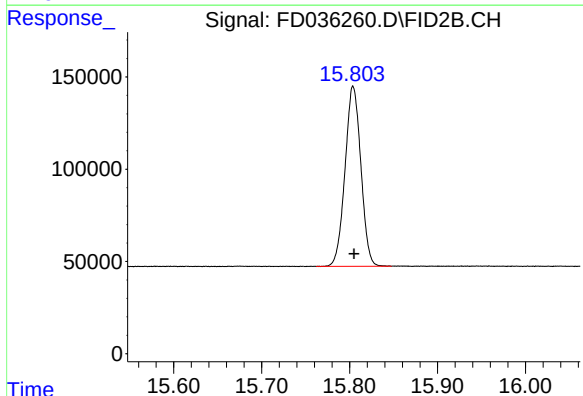
R.T.: 13.691 min
Delta R.T.: -0.001 min
Response: 1270791
Conc: 10.11 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4



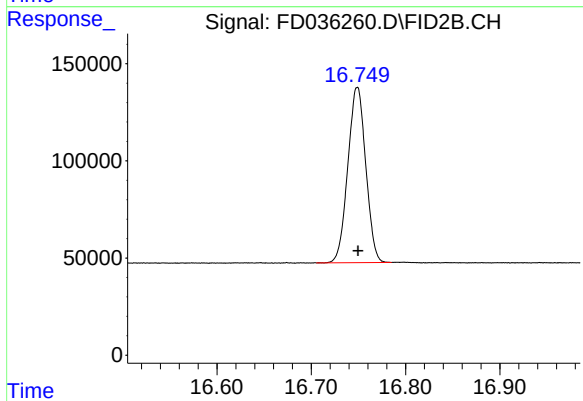
#14 n-Tetracosane (C24)

R.T.: 14.789 min
Delta R.T.: 0.000 min
Response: 1250454
Conc: 10.08 ug/ml



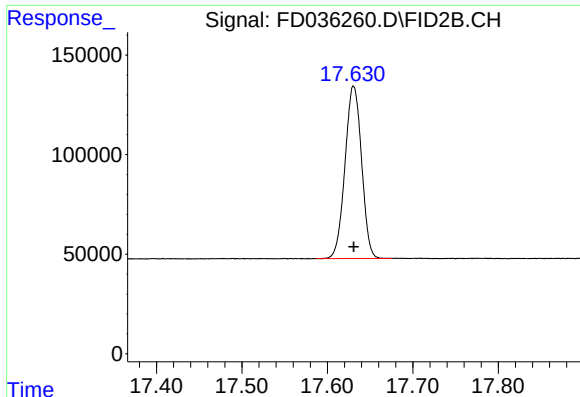
#15 n-Hexacosane (C26)

R.T.: 15.804 min
Delta R.T.: -0.001 min
Response: 1220626
Conc: 10.08 ug/ml



#16 n-Octacosane (C28)

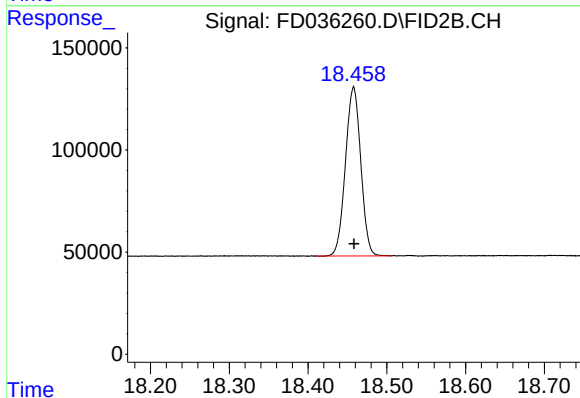
R.T.: 16.749 min
Delta R.T.: 0.000 min
Response: 1191954
Conc: 10.06 ug/ml



#17 n-Tricontane (C30)

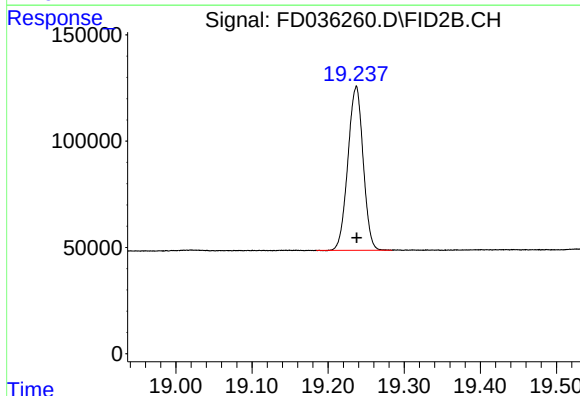
R.T.: 17.631 min
Delta R.T.: 0.000 min
Response: 1166273
Conc: 10.11 ug/ml

Instrument :
FID_D
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10 PPM ALIPHATIC HC STD4



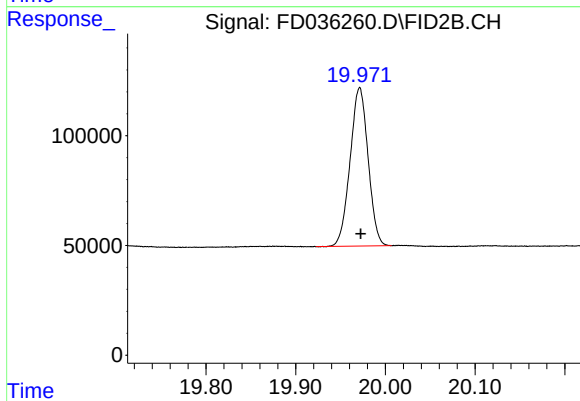
#18 n-Dotriacontane (C32)

R.T.: 18.458 min
Delta R.T.: 0.000 min
Response: 1117864
Conc: 10.14 ug/ml



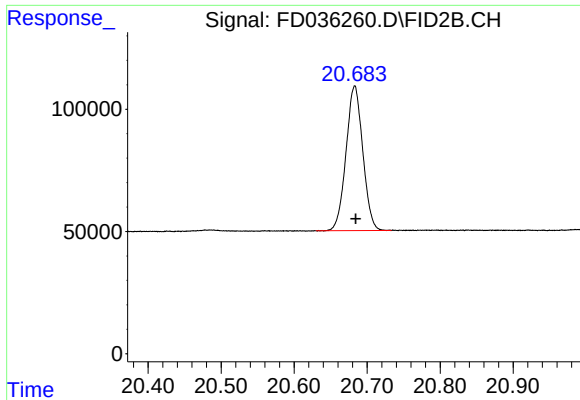
#19 n-Tetratriacontane (C34)

R.T.: 19.237 min
Delta R.T.: 0.000 min
Response: 1075614
Conc: 10.12 ug/ml



#20 n-Hexatriacontane (C36)

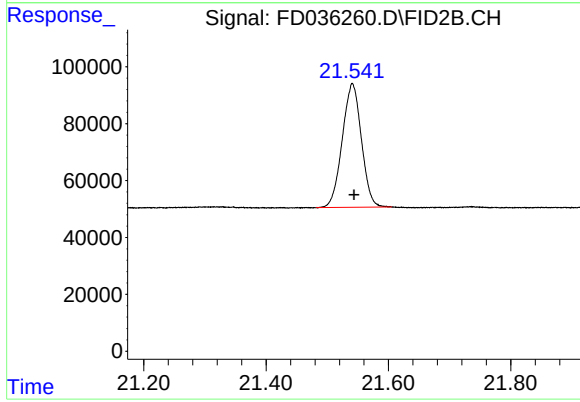
R.T.: 19.971 min
Delta R.T.: -0.001 min
Response: 1007273
Conc: 10.04 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.683 min
Delta R.T.: -0.001 min
Response: 943326
Conc: 10.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.541 min
Delta R.T.: -0.003 min
Response: 945324
Conc: 9.90 ug/ml