

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080321AL\
 Data File : FD038390.D
 Signal(s) : FID2B.CH
 Acq On : 03 Aug 2021 19:22
 Operator : AJ\MA
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 04 02:39:27 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 02:34:59 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)	11.368	712657	5.322 ug/ml
Spiked Amount 50.000		Recovery =	10.64%
12) S 1-chlorooctadecane (S...	12.806	556156	5.261 ug/ml
Spiked Amount 50.000		Recovery =	10.52%
Target Compounds			
1) T n-Nonane (C9)	3.197	595978	5.119 ug/ml
2) T n-Decane (C10)	4.249	599521	5.129 ug/ml
3) T A~Naphthalene (C11.7)	5.816	650166	5.004 ug/ml
4) T n-Dodecane (C12)	6.251	608362	5.187 ug/ml
5) T A~2-methylnaphthalene...	6.866	636872	4.887 ug/ml
6) T n-Tetradecane (C14)	8.036	621048	5.232 ug/ml
7) T n-Hexadecane (C16)	9.628	626333	5.225 ug/ml
8) T n-Octadecane (C18)	11.062	651989	5.278 ug/ml
10) T n-Eicosane (C20)	12.364	654384	5.280 ug/ml
11) T n-Heneicosane (C21)	12.974	663032	5.281 ug/ml
13) T n-Docosane (C22)	13.556	662963	5.292 ug/ml
14) T n-Tetracosane (C24)	14.654	671506	5.291 ug/ml
15) T n-Hexacosane (C26)	15.671	667989	5.299 ug/ml
16) T n-Octacosane (C28)	16.616	675663	5.327 ug/ml
17) T n-Tricontane (C30)	17.498	686730	5.432 ug/ml
18) T n-Dotriacontane (C32)	18.327	675381	5.477 ug/ml
19) T n-Tetratriacontane (C34)	19.106	641293	5.267 ug/ml
20) T n-Hexatriacontane (C36)	19.842	595911	5.239 ug/ml
21) T n-Octatriacontane (C38)	20.544	549318	5.215 ug/ml
22) T n-Tetracontane (C40)	21.352	527215	5.169 ug/ml

(f)=RT Delta > 1/2 Window

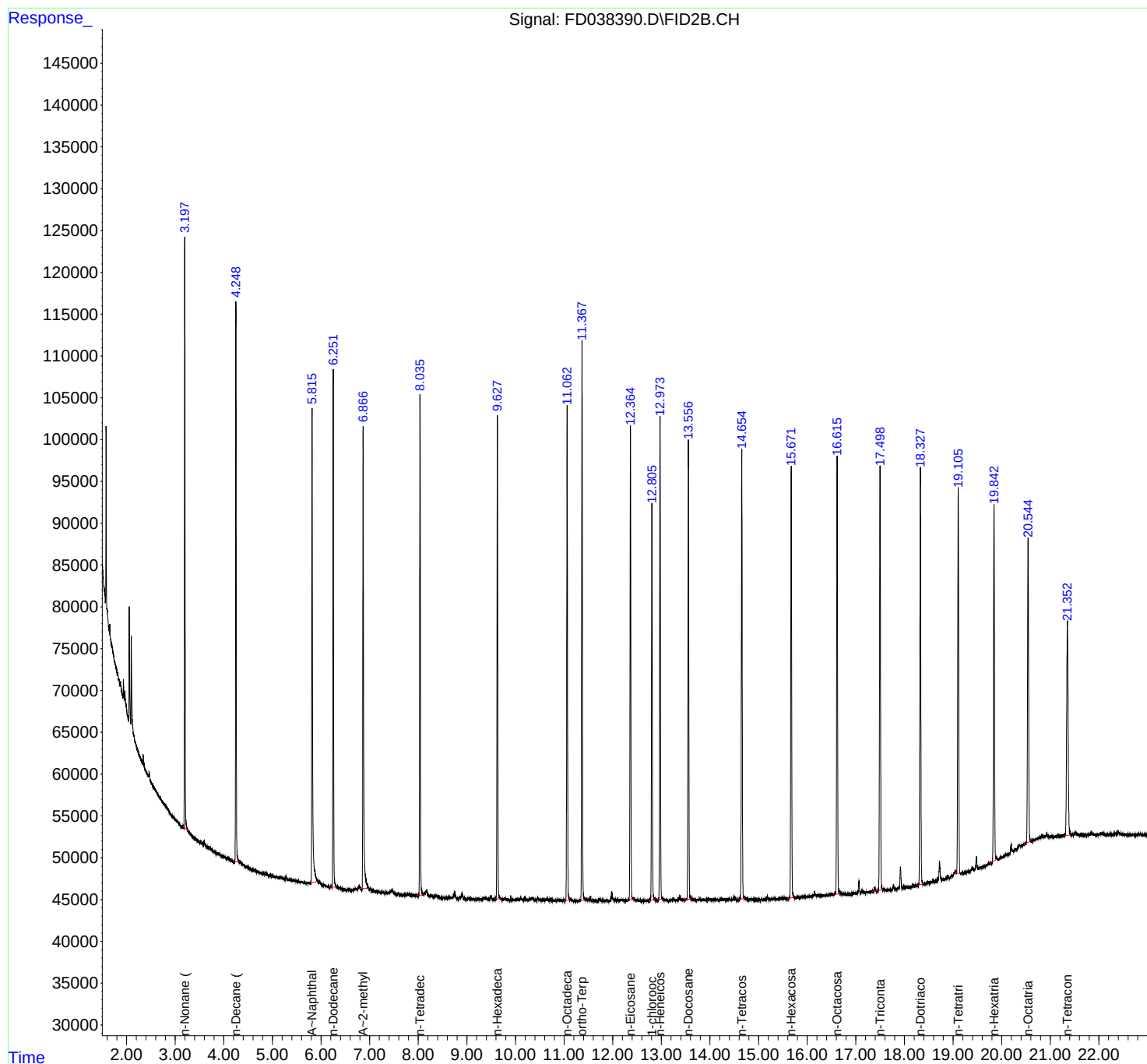
(m)=manual int.

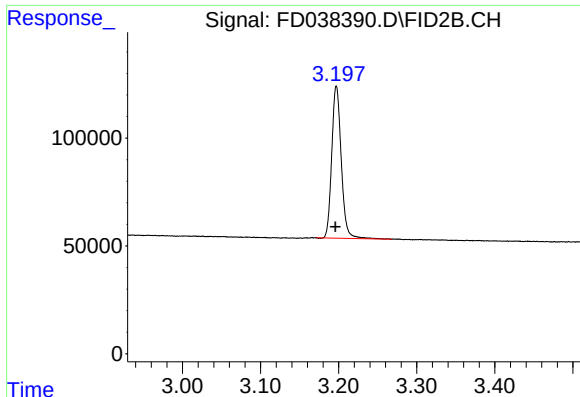
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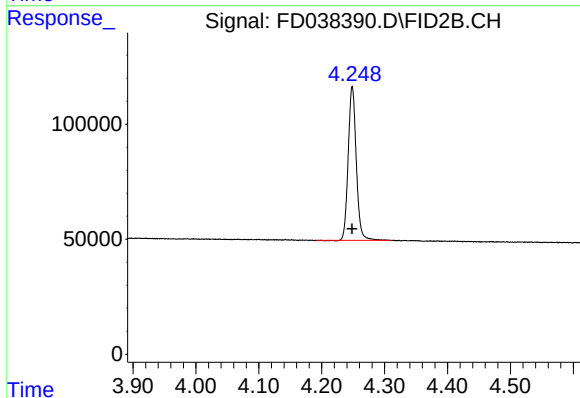




#1 n-Nonane (C9)

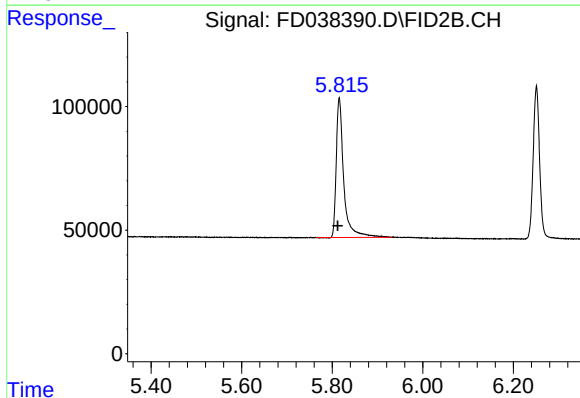
R.T.: 3.197 min
Delta R.T.: 0.001 min
Response: 595978
Conc: 5.12 ug/ml

Instrument :
FID_D
ClientSampleId :



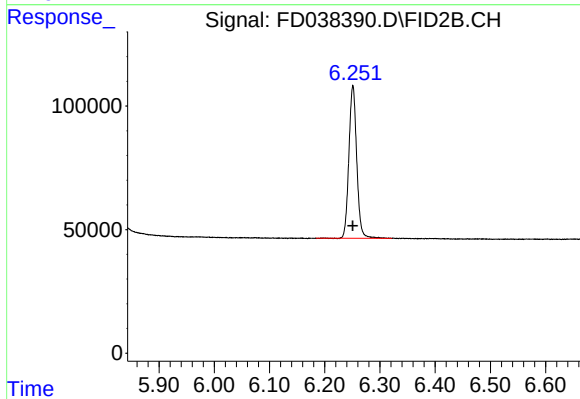
#2 n-Decane (C10)

R.T.: 4.249 min
Delta R.T.: 0.000 min
Response: 599521
Conc: 5.13 ug/ml



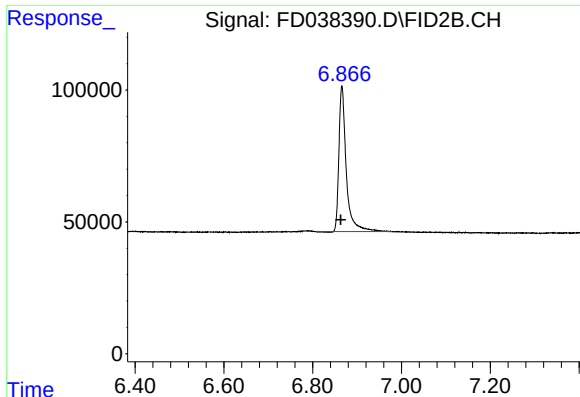
#3 A~Naphthalene (C11.7)

R.T.: 5.816 min
Delta R.T.: 0.003 min
Response: 650166
Conc: 5.00 ug/ml



#4 n-Dodecane (C12)

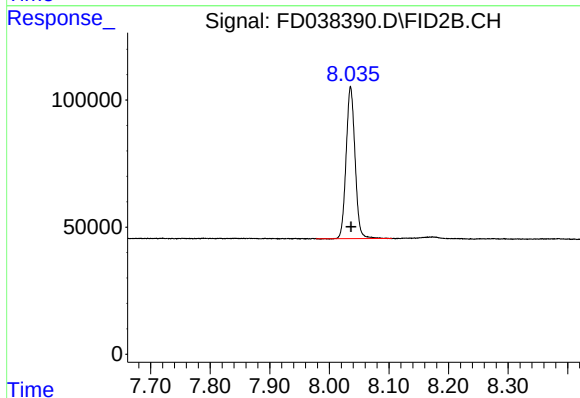
R.T.: 6.251 min
Delta R.T.: 0.000 min
Response: 608362
Conc: 5.19 ug/ml



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

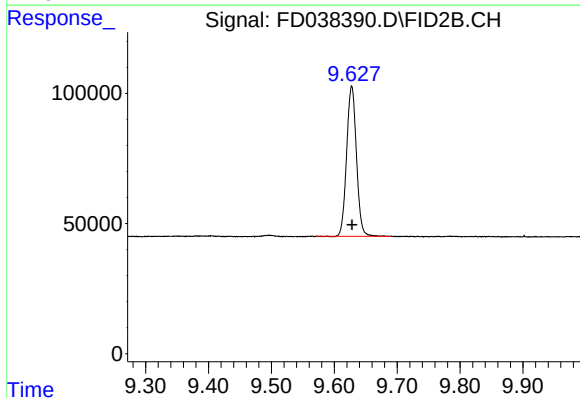
R.T.: 6.866 min
Delta R.T.: 0.003 min
Response: 636872
Conc: 4.89 ug/ml

Instrument :
FID_D
ClientSampleId :



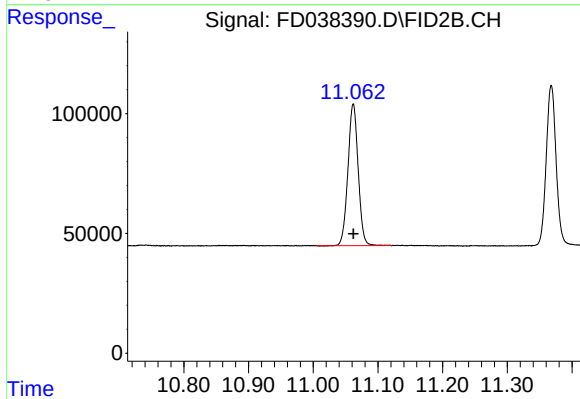
#6 n-Tetradecane (C14)

R.T.: 8.036 min
Delta R.T.: 0.000 min
Response: 621048
Conc: 5.23 ug/ml



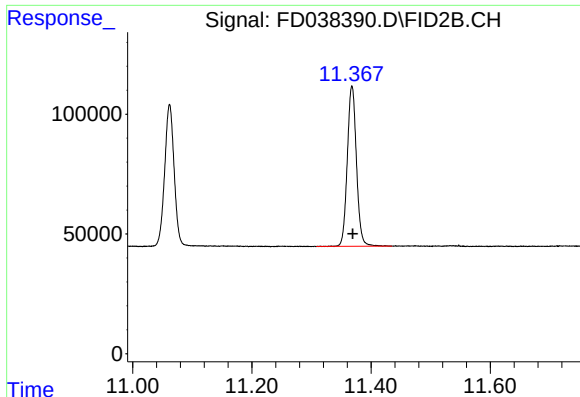
#7 n-Hexadecane (C16)

R.T.: 9.628 min
Delta R.T.: 0.000 min
Response: 626333
Conc: 5.22 ug/ml



#8 n-Octadecane (C18)

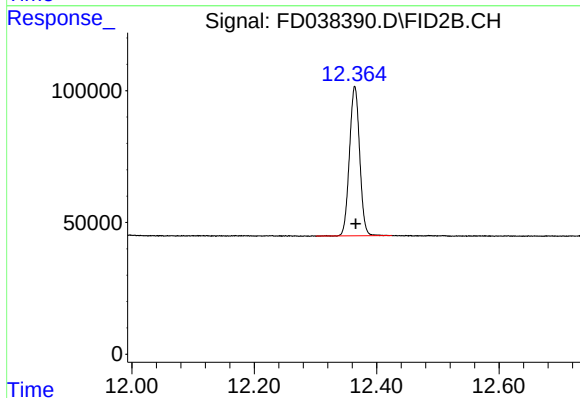
R.T.: 11.062 min
Delta R.T.: 0.000 min
Response: 651989
Conc: 5.28 ug/ml



#9 ortho-Terphenyl (SURR)

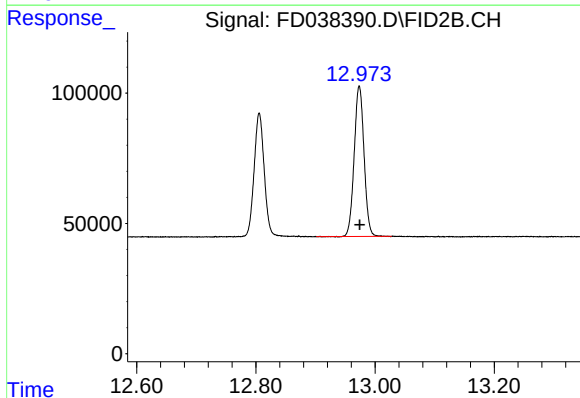
R.T.: 11.368 min
Delta R.T.: -0.001 min
Response: 712657
Conc: 5.32 ug/ml

Instrument :
FID_D
ClientSampleId :



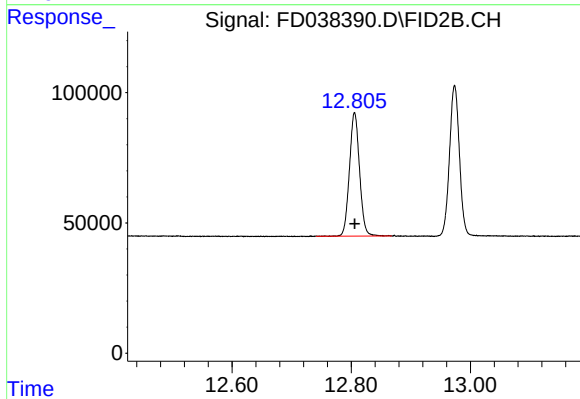
#10 n-Eicosane (C20)

R.T.: 12.364 min
Delta R.T.: -0.001 min
Response: 654384
Conc: 5.28 ug/ml



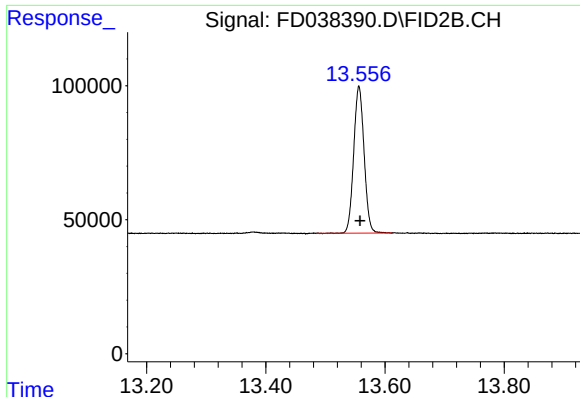
#11 n-Heneicosane (C21)

R.T.: 12.974 min
Delta R.T.: 0.000 min
Response: 663032
Conc: 5.28 ug/ml



#12 1-chlorooctadecane (SURR)

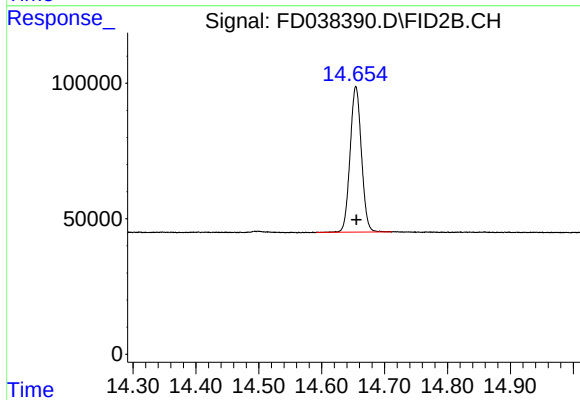
R.T.: 12.806 min
Delta R.T.: 0.000 min
Response: 556156
Conc: 5.26 ug/ml



#13 n-Docosane (C22)

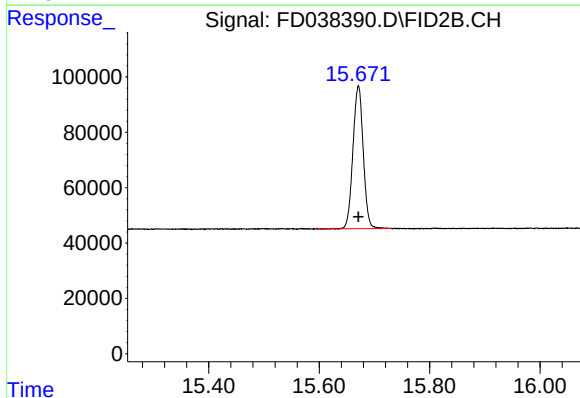
R.T.: 13.556 min
Delta R.T.: -0.002 min
Response: 662963
Conc: 5.29 ug/ml

Instrument :
FID_D
ClientSampleId :



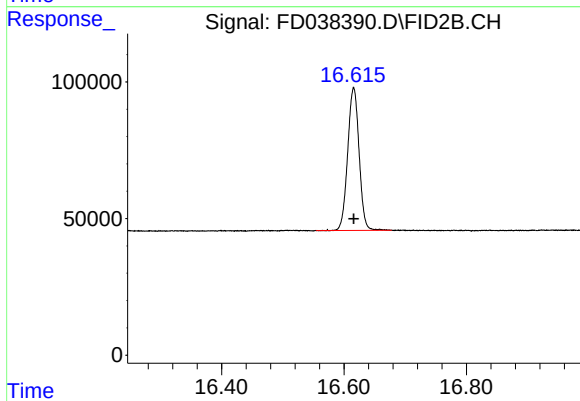
#14 n-Tetracosane (C24)

R.T.: 14.654 min
Delta R.T.: 0.000 min
Response: 671506
Conc: 5.29 ug/ml



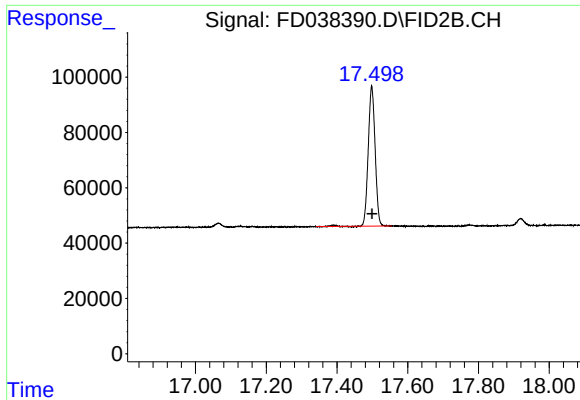
#15 n-Hexacosane (C26)

R.T.: 15.671 min
Delta R.T.: 0.000 min
Response: 667989
Conc: 5.30 ug/ml



#16 n-Octacosane (C28)

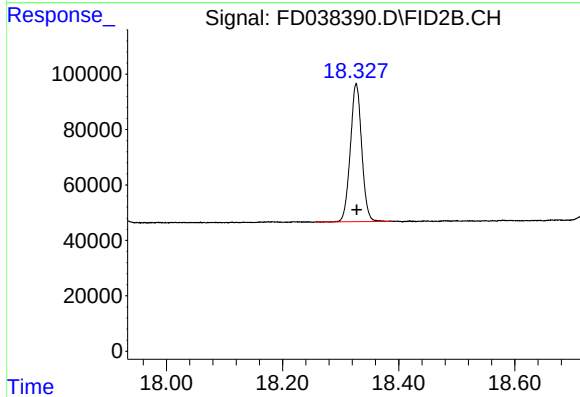
R.T.: 16.616 min
Delta R.T.: 0.000 min
Response: 675663
Conc: 5.33 ug/ml



#17 n-Tricontane (C30)

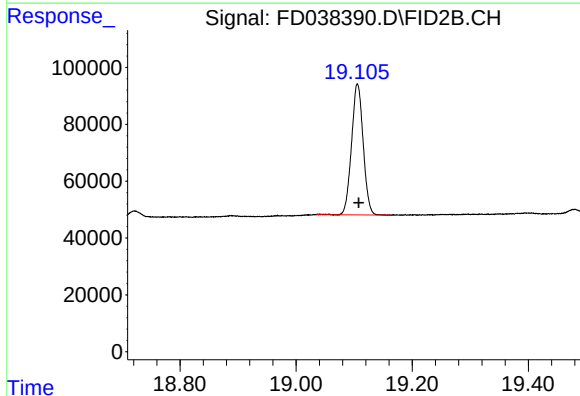
R.T.: 17.498 min
Delta R.T.: -0.001 min
Response: 686730
Conc: 5.43 ug/ml

Instrument :
FID_D
ClientSampleId :



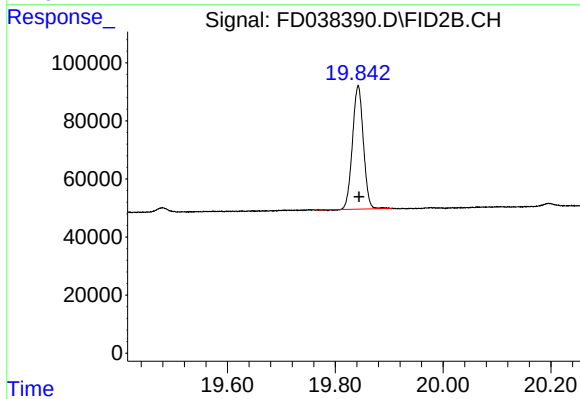
#18 n-Dotriacontane (C32)

R.T.: 18.327 min
Delta R.T.: 0.000 min
Response: 675381
Conc: 5.48 ug/ml



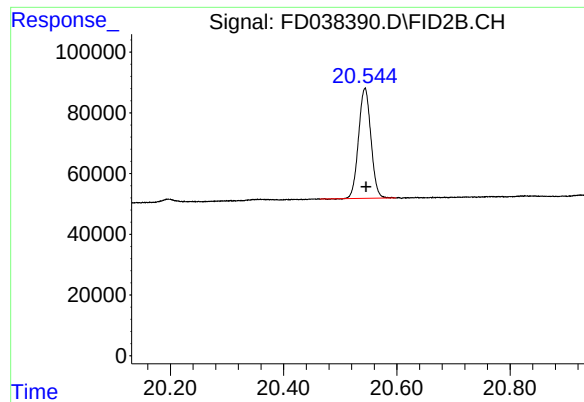
#19 n-Tetratriacontane (C34)

R.T.: 19.106 min
Delta R.T.: -0.002 min
Response: 641293
Conc: 5.27 ug/ml



#20 n-Hexatriacontane (C36)

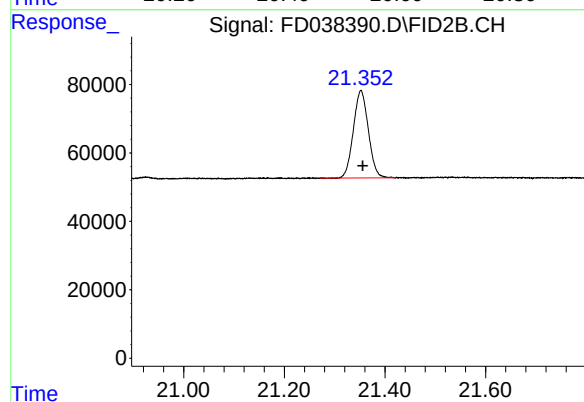
R.T.: 19.842 min
Delta R.T.: -0.002 min
Response: 595911
Conc: 5.24 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.544 min
Delta R.T.: -0.002 min
Response: 549318
Conc: 5.22 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.352 min
Delta R.T.: -0.004 min
Response: 527215
Conc: 5.17 ug/ml