

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051322AL\
 Data File : FD042451.D
 Signal(s) : FID2B.CH
 Acq On : 13 May 2022 16:05
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 14 00:20:43 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 22 01:55:29 2022
 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)	11.204	3206610	19.120 ug/ml
Spiked Amount 50.000		Recovery =	38.24%
12) S 1-chlorooctadecane (S...	12.642	2487753	18.853 ug/ml
Spiked Amount 50.000		Recovery =	37.71%
Target Compounds			
1) T n-Nonane (C9)	3.083	2867819	21.040 ug/ml
2) T n-Decane (C10)	4.126	2852276	21.283 ug/ml
3) T A~Naphthalene (C11.7)	5.675	2967307	20.471 ug/ml
4) T n-Dodecane (C12)	6.117	2973515	20.887 ug/ml
5) T A~2-methylnaphthalene...	6.720	2910577	20.886 ug/ml
6) T n-Tetradecane (C14)	7.891	2978253	20.908 ug/ml
7) T n-Hexadecane (C16)	9.477	3006874	20.692 ug/ml
8) T n-Octadecane (C18)	10.906	3006874	20.063 ug/ml
10) T n-Eicosane (C20)	12.204	2941098	19.215 ug/ml
11) T n-Heneicosane (C21)	12.811	2915371	18.911 ug/ml
13) T n-Docosane (C22)	13.395	2864439	18.583 ug/ml
14) T n-Tetracosane (C24)	14.489	2757373	17.829 ug/ml
15) T n-Hexacosane (C26)	15.503	2664073	17.320 ug/ml
16) T n-Octacosane (C28)	16.446	2586199	16.915 ug/ml
17) T n-Tricontane (C30)	17.328	2518806	16.792 ug/ml
18) T n-Dotriacontane (C32)	18.154	2411182	17.052 ug/ml
19) T n-Tetratriacontane (C34)	18.933	2285819	17.762 ug/ml
20) T n-Hexatriacontane (C36)	19.669	2174730	19.218 ug/ml
21) T n-Octatriacontane (C38)	20.365	2113093	21.178 ug/ml
22) T n-Tetracontane (C40)	21.135	2012326	22.310 ug/ml

(f)=RT Delta > 1/2 Window

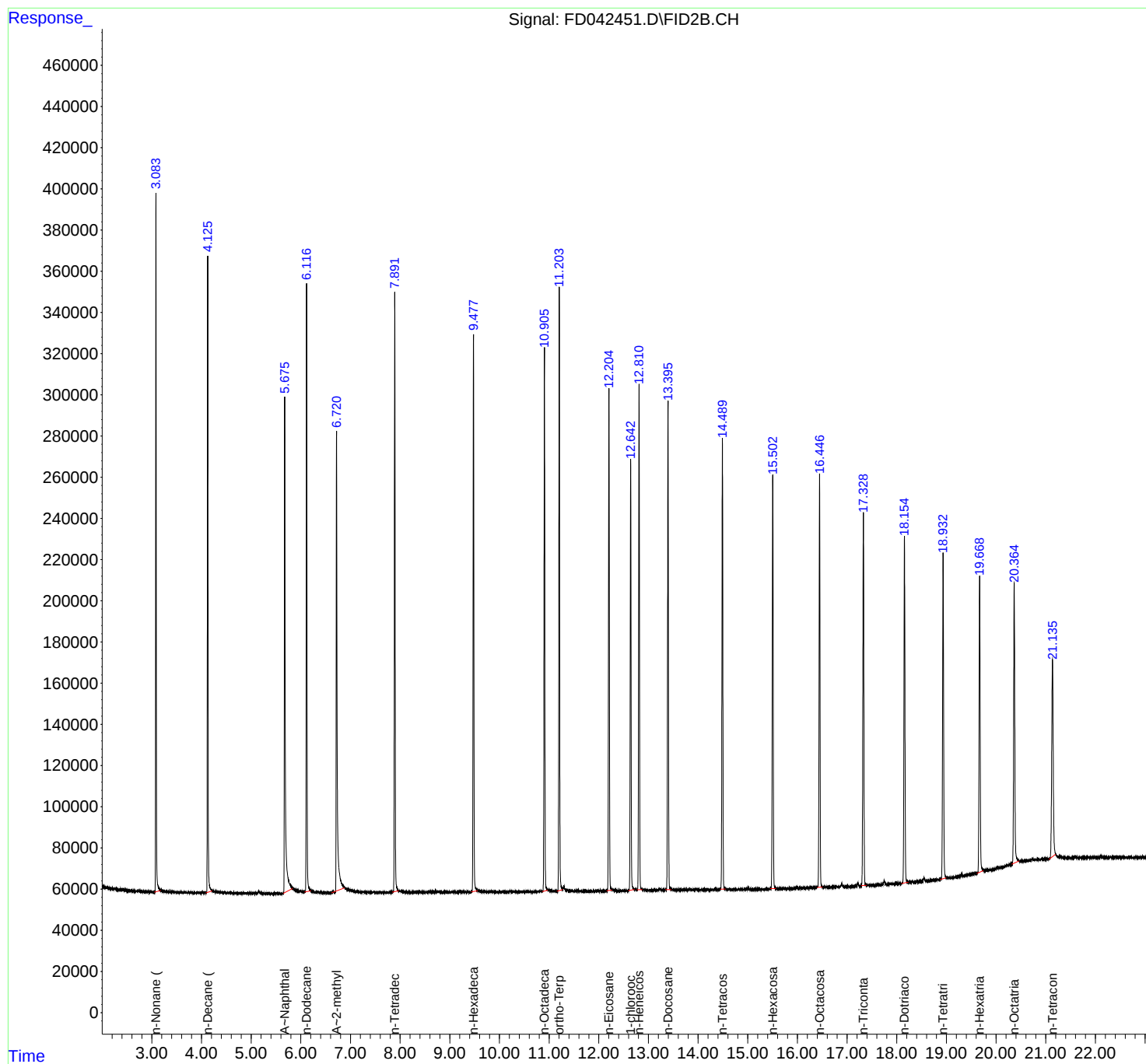
(m)=manual int.

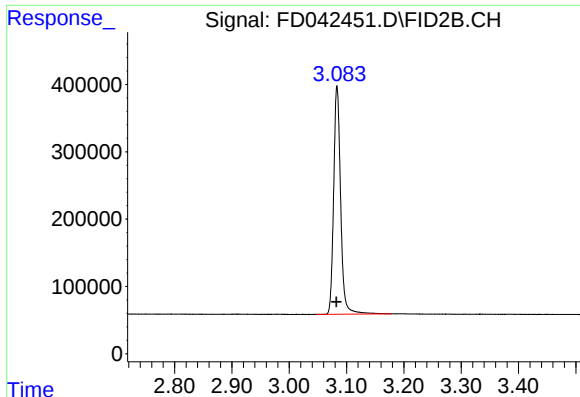
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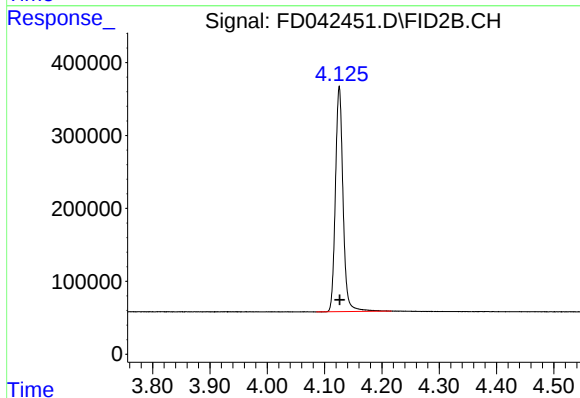




#1 n-Nonane (C9)

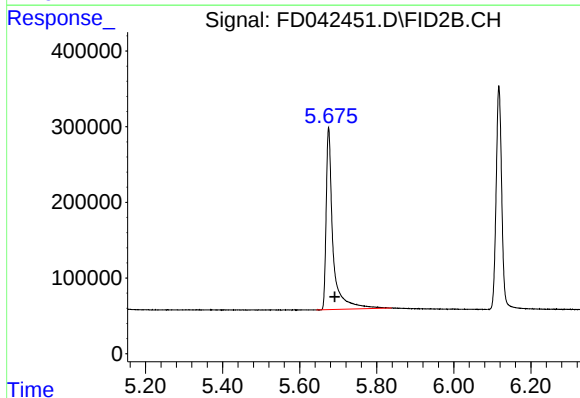
R.T.: 3.083 min
Delta R.T.: 0.001 min
Response: 2867819
Conc: 21.04 ug/ml

Instrument :
FID_D
ClientSampleId :



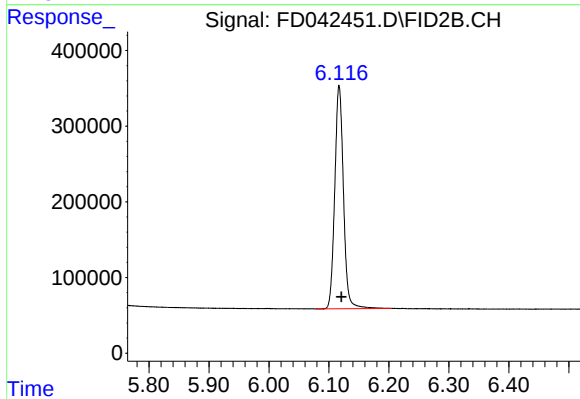
#2 n-Decane (C10)

R.T.: 4.126 min
Delta R.T.: 0.000 min
Response: 2852276
Conc: 21.28 ug/ml



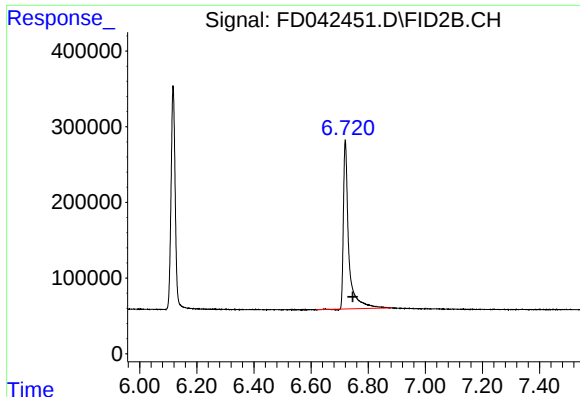
#3 A~Naphthalene (C11.7)

R.T.: 5.675 min
Delta R.T.: -0.016 min
Response: 2967307
Conc: 20.47 ug/ml



#4 n-Dodecane (C12)

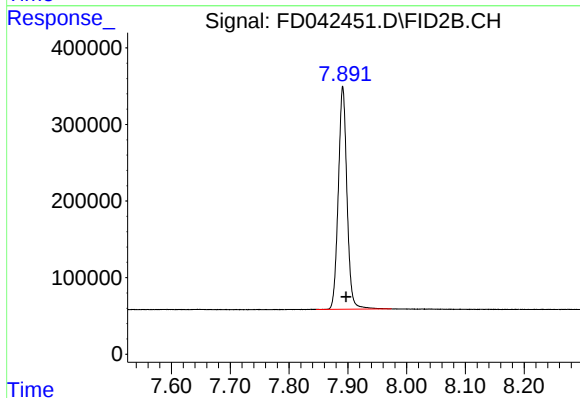
R.T.: 6.117 min
Delta R.T.: -0.004 min
Response: 2973515
Conc: 20.89 ug/ml



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

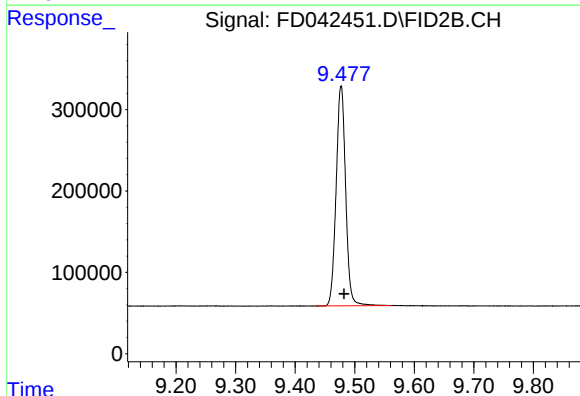
R.T.: 6.720 min
Delta R.T.: -0.026 min
Response: 2910577
Conc: 20.89 ug/ml

Instrument :
FID_D
ClientSampleId :



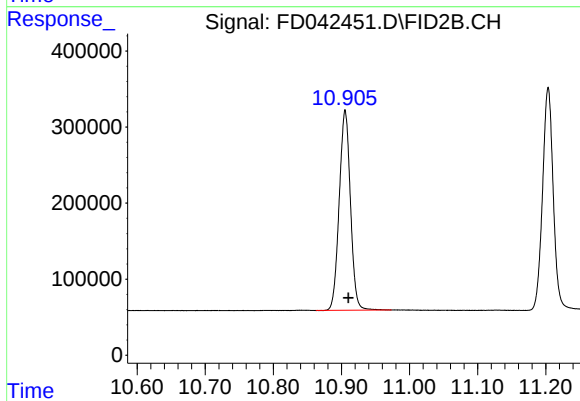
#6 n-Tetradecane (C14)

R.T.: 7.891 min
Delta R.T.: -0.005 min
Response: 2978253
Conc: 20.91 ug/ml



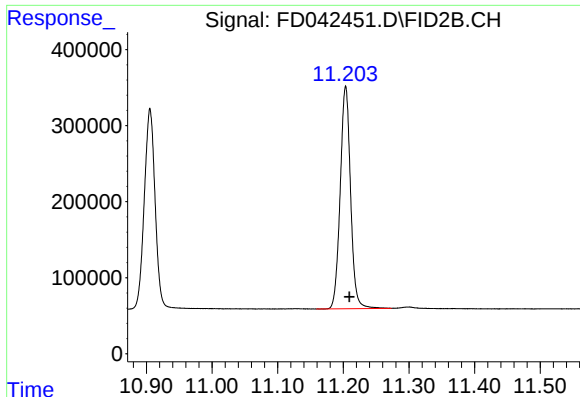
#7 n-Hexadecane (C16)

R.T.: 9.477 min
Delta R.T.: -0.005 min
Response: 3006874
Conc: 20.69 ug/ml



#8 n-Octadecane (C18)

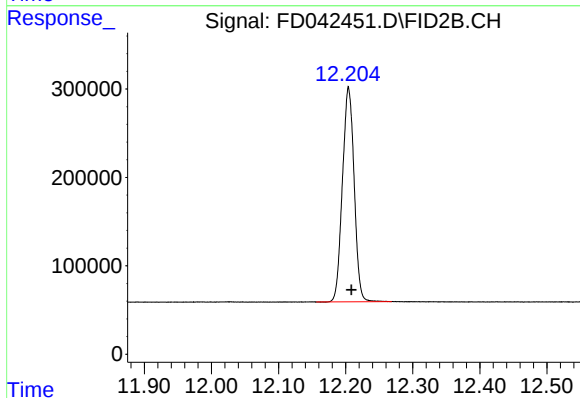
R.T.: 10.906 min
Delta R.T.: -0.005 min
Response: 3006874
Conc: 20.06 ug/ml



#9 ortho-Terphenyl (SURR)

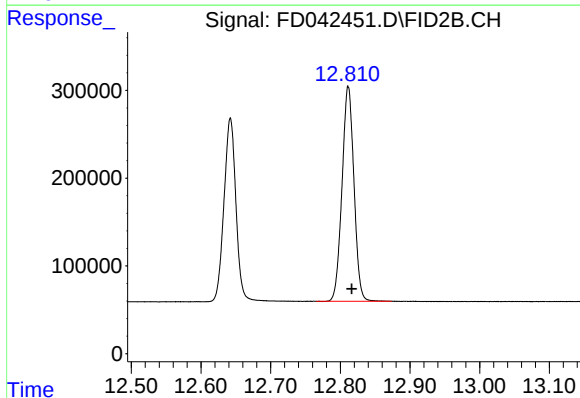
R.T.: 11.204 min
Delta R.T.: -0.006 min
Response: 3206610
Conc: 19.12 ug/ml

Instrument :
FID_D
ClientSampleId :



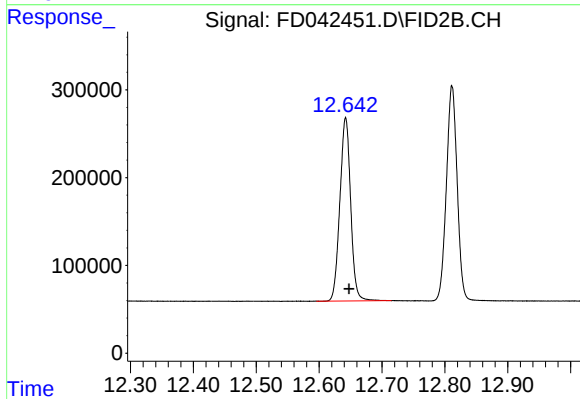
#10 n-Eicosane (C20)

R.T.: 12.204 min
Delta R.T.: -0.004 min
Response: 2941098
Conc: 19.21 ug/ml



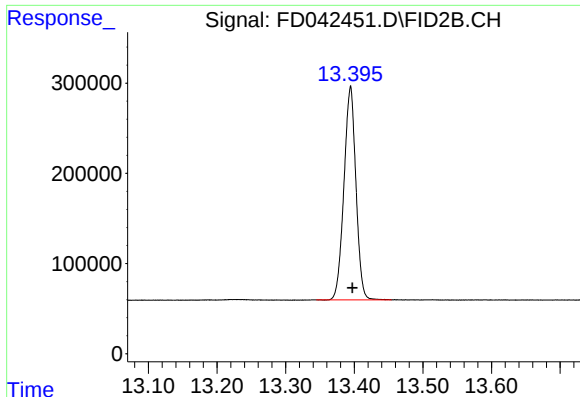
#11 n-Heneicosane (C21)

R.T.: 12.811 min
Delta R.T.: -0.005 min
Response: 2915371
Conc: 18.91 ug/ml



#12 1-chlorooctadecane (SURR)

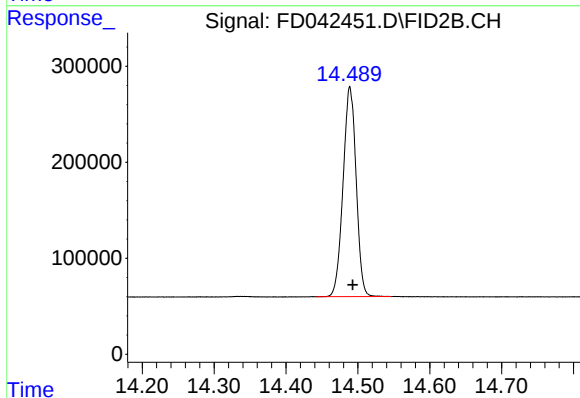
R.T.: 12.642 min
Delta R.T.: -0.005 min
Response: 2487753
Conc: 18.85 ug/ml



#13 n-Docosane (C22)

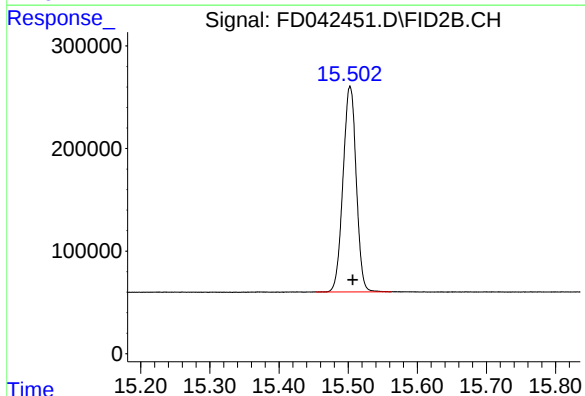
R.T.: 13.395 min
Delta R.T.: -0.003 min
Response: 2864439
Conc: 18.58 ug/ml

Instrument :
FID_D
ClientSampleId :



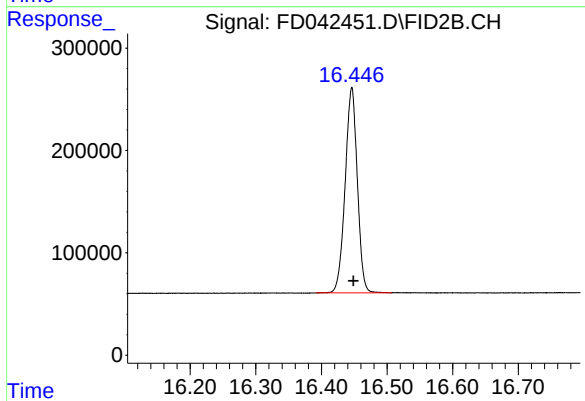
#14 n-Tetracosane (C24)

R.T.: 14.489 min
Delta R.T.: -0.004 min
Response: 2757373
Conc: 17.83 ug/ml



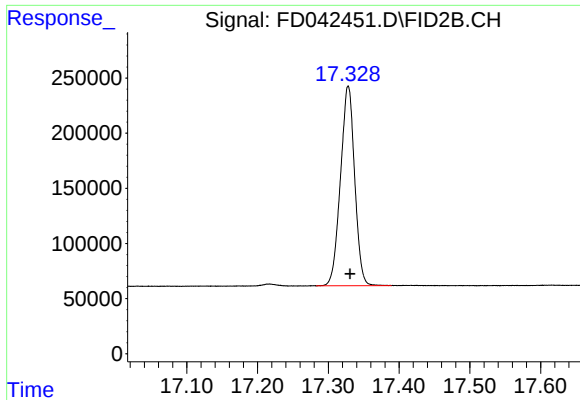
#15 n-Hexacosane (C26)

R.T.: 15.503 min
Delta R.T.: -0.004 min
Response: 2664073
Conc: 17.32 ug/ml



#16 n-Octacosane (C28)

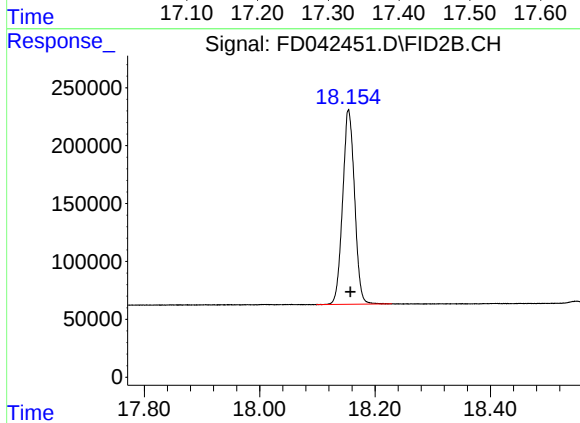
R.T.: 16.446 min
Delta R.T.: -0.002 min
Response: 2586199
Conc: 16.92 ug/ml



#17 n-Tricontane (C30)

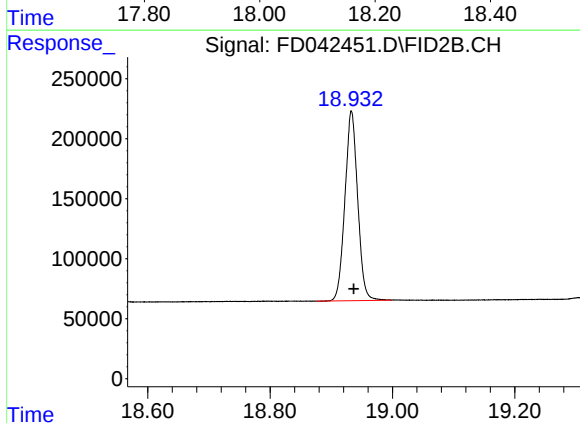
R.T.: 17.328 min
Delta R.T.: -0.002 min
Response: 2518806
Conc: 16.79 ug/ml

Instrument :
FID_D
ClientSampleId :



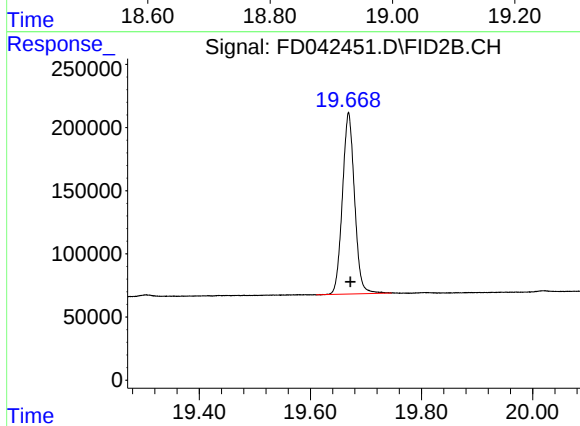
#18 n-Dotriacontane (C32)

R.T.: 18.154 min
Delta R.T.: -0.003 min
Response: 2411182
Conc: 17.05 ug/ml



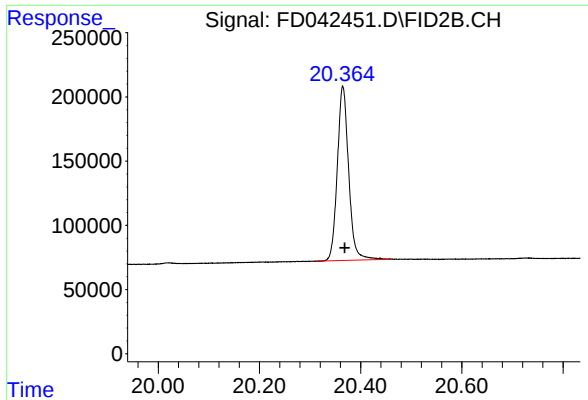
#19 n-Tetratriacontane (C34)

R.T.: 18.933 min
Delta R.T.: -0.004 min
Response: 2285819
Conc: 17.76 ug/ml



#20 n-Hexatriacontane (C36)

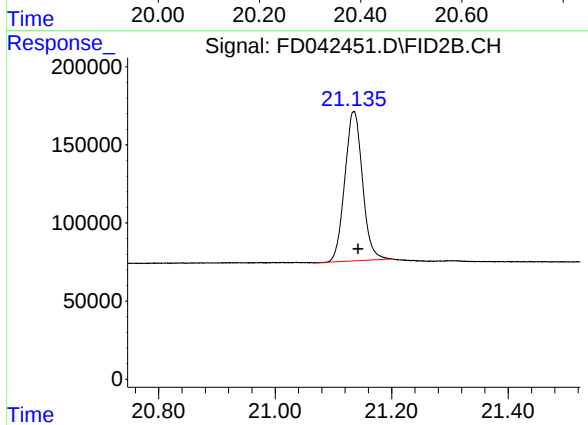
R.T.: 19.669 min
Delta R.T.: -0.003 min
Response: 2174730
Conc: 19.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.365 min
Delta R.T.: -0.004 min
Response: 2113093
Conc: 21.18 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.135 min
Delta R.T.: -0.007 min
Response: 2012326
Conc: 22.31 ug/ml