

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110420AL\
 Data File : FD035332.D
 Signal(s) : FID2B.CH
 Acq On : 05 Nov 2020 5:07
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 05 07:14:50 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 110220.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 03 11:48:08 2020
 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)	11.540	2703831	20.785 ug/ml
Spiked Amount 50.000		Recovery =	41.57%
12) S 1-chlorooctadecane (S...	12.971	2159729	20.723 ug/ml
Spiked Amount 50.000		Recovery =	41.45%
Target Compounds			
1) T n-Nonane (C9)	3.332	2354217	20.907 ug/ml
2) T n-Decane (C10)	4.396	2375018	21.017 ug/ml
3) T A~Naphthalene (C11.7)	5.976	2597904	21.243 ug/ml
4) T n-Dodecane (C12)	6.406	2438062	21.088 ug/ml
5) T A~2-methylnaphthalene...	7.027	2668038	21.323 ug/ml
6) T n-Tetradecane (C14)	8.195	2451760	21.290 ug/ml
7) T n-Hexadecane (C16)	9.788	2424848	21.221 ug/ml
8) T n-Octadecane (C18)	11.224	2540828	21.055 ug/ml
10) T n-Eicosane (C20)	12.529	2559061	20.868 ug/ml
11) T n-Heneicosane (C21)	13.138	2547195	20.718 ug/ml
13) T n-Docosane (C22)	13.721	2561851	20.776 ug/ml
14) T n-Tetracosane (C24)	14.819	2582098	20.871 ug/ml
15) T n-Hexacosane (C26)	15.836	2510370	20.395 ug/ml
16) T n-Octacosane (C28)	16.780	2453994	19.932 ug/ml
17) T n-Tricontane (C30)	17.662	2348471	19.432 ug/ml
18) T n-Dotriacontane (C32)	18.490	2138732	19.021 ug/ml
19) T n-Tetratriacontane (C34)	19.268	1940350	18.487 ug/ml
20) T n-Hexatriacontane (C36)	20.003	1764058	18.415 ug/ml
21) T n-Octatriacontane (C38)	20.724	1697821	19.114 ug/ml
22) T n-Tetracontane (C40)	21.602	1748024	19.918 ug/ml

(f)=RT Delta > 1/2 Window

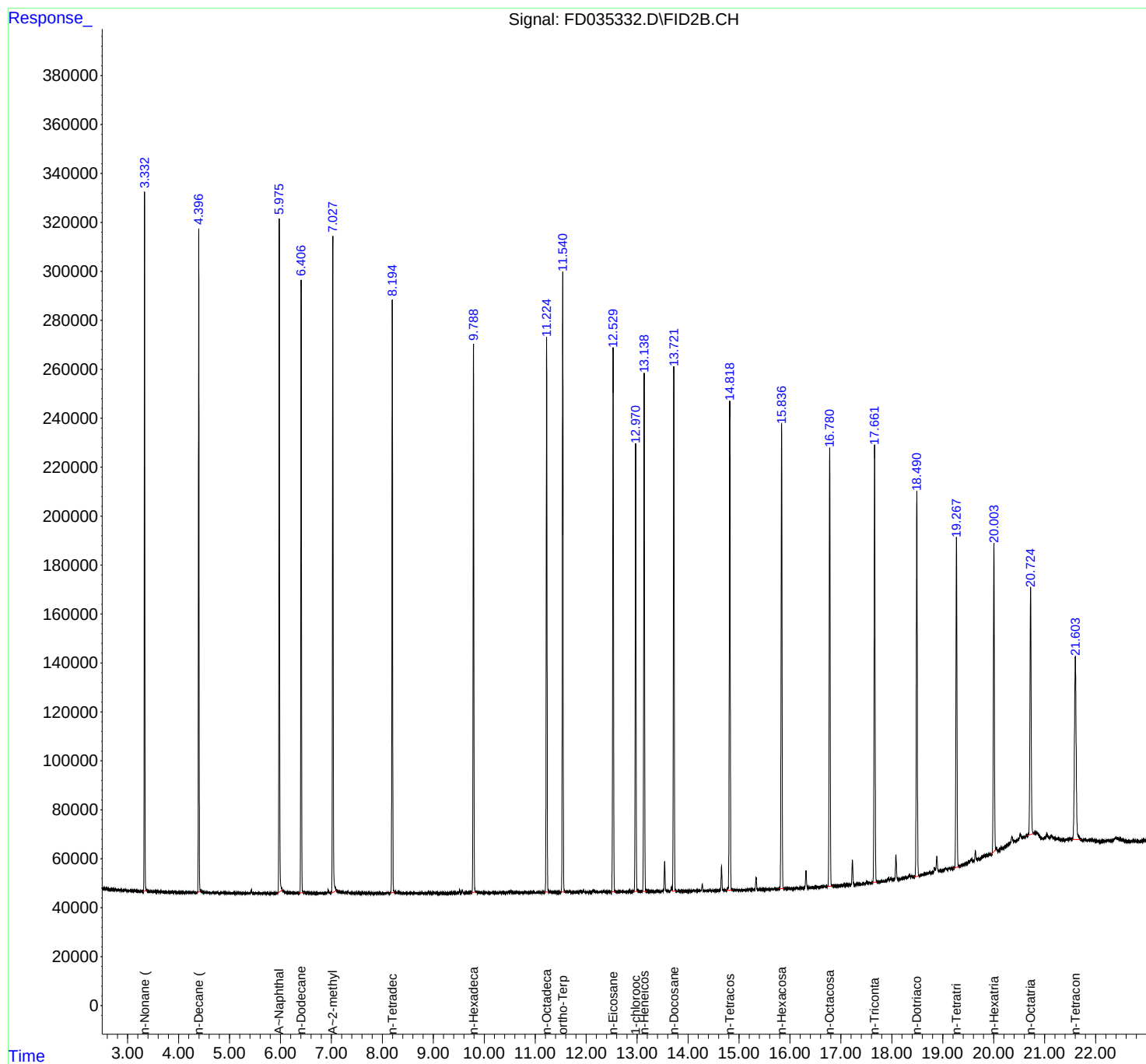
(m)=manual int.

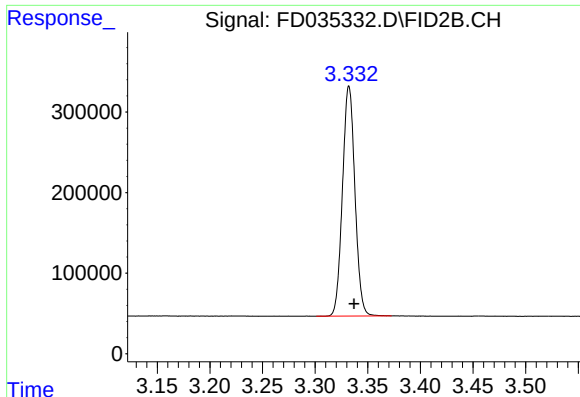
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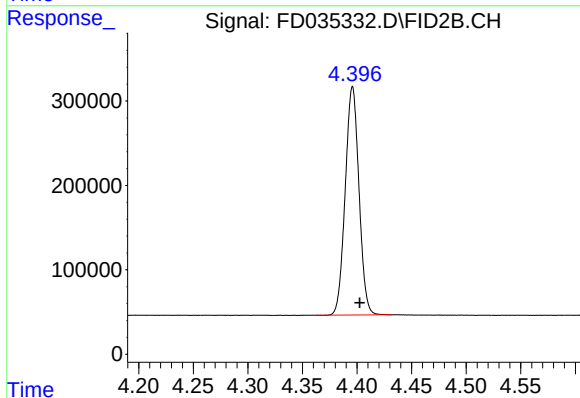




#1 n-Nonane (C9)

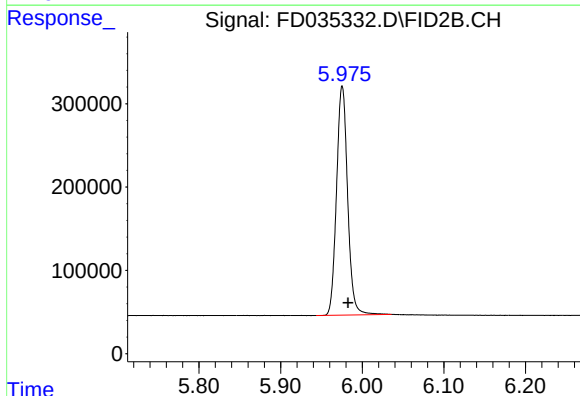
R.T.: 3.332 min
Delta R.T.: -0.005 min
Response: 2354217
Conc: 20.91 ug/ml

Instrument :
FID_D
ClientSampleId :



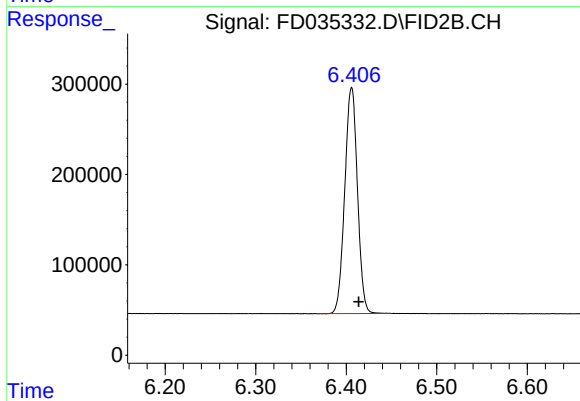
#2 n-Decane (C10)

R.T.: 4.396 min
Delta R.T.: -0.006 min
Response: 2375018
Conc: 21.02 ug/ml



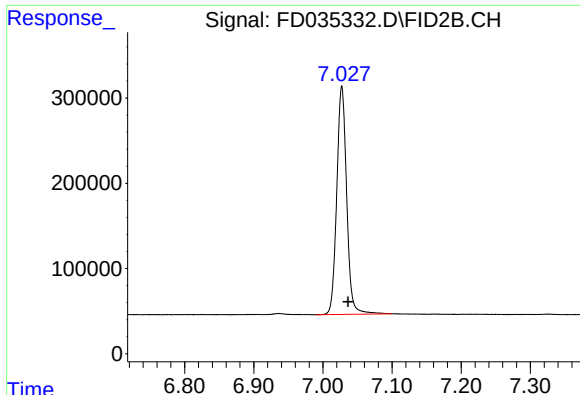
#3 A~Naphthalene (C11.7)

R.T.: 5.976 min
Delta R.T.: -0.007 min
Response: 2597904
Conc: 21.24 ug/ml



#4 n-Dodecane (C12)

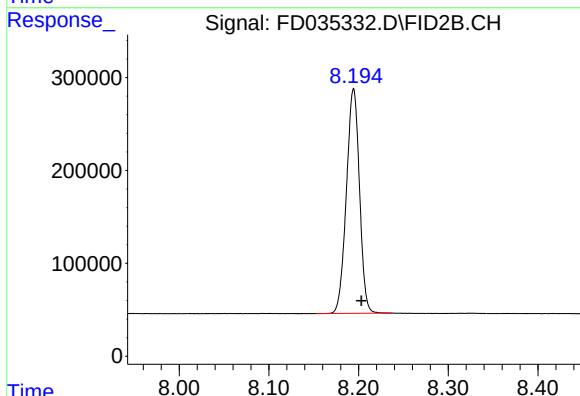
R.T.: 6.406 min
Delta R.T.: -0.008 min
Response: 2438062
Conc: 21.09 ug/ml



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

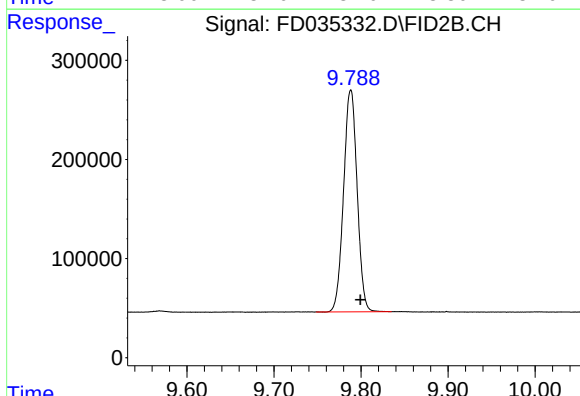
R.T.: 7.027 min
Delta R.T.: -0.009 min
Response: 2668038
Conc: 21.32 ug/ml

Instrument :
FID_D
ClientSampleId :



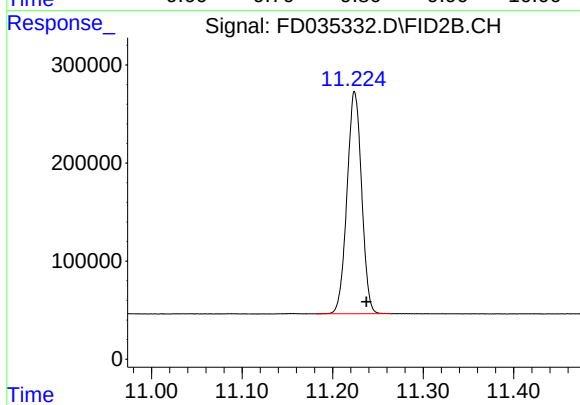
#6 n-Tetradecane (C14)

R.T.: 8.195 min
Delta R.T.: -0.009 min
Response: 2451760
Conc: 21.29 ug/ml



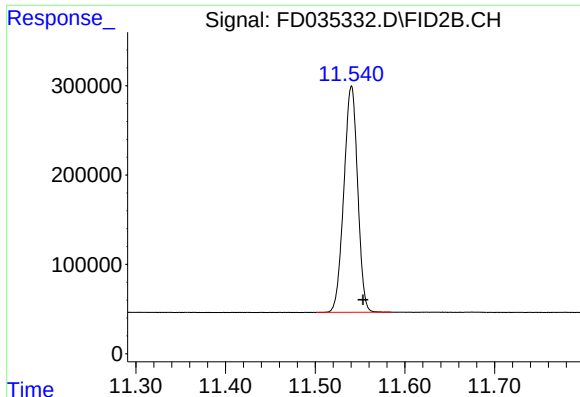
#7 n-Hexadecane (C16)

R.T.: 9.788 min
Delta R.T.: -0.011 min
Response: 2424848
Conc: 21.22 ug/ml



#8 n-Octadecane (C18)

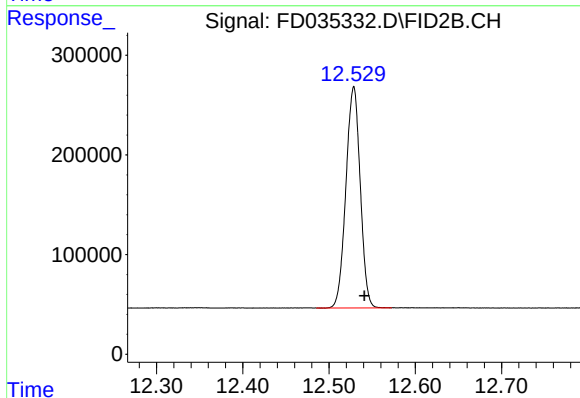
R.T.: 11.224 min
Delta R.T.: -0.013 min
Response: 2540828
Conc: 21.05 ug/ml



#9 ortho-Terphenyl (SURR)

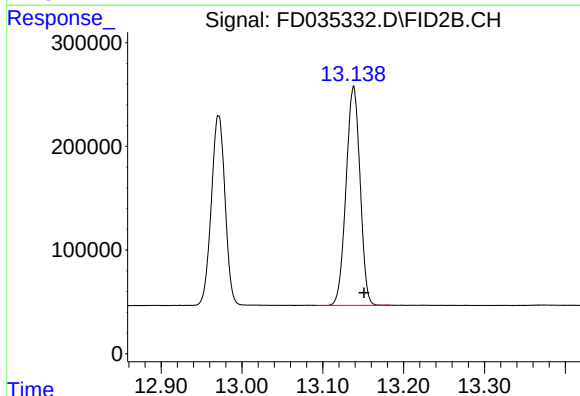
R.T.: 11.540 min
Delta R.T.: -0.013 min
Response: 2703831
Conc: 20.79 ug/ml

Instrument :
FID_D
ClientSampleId :



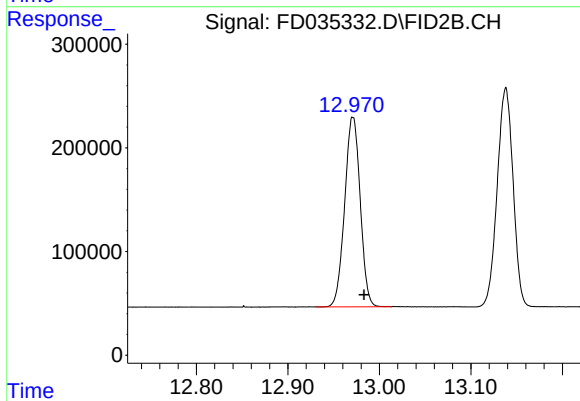
#10 n-Eicosane (C20)

R.T.: 12.529 min
Delta R.T.: -0.012 min
Response: 2559061
Conc: 20.87 ug/ml



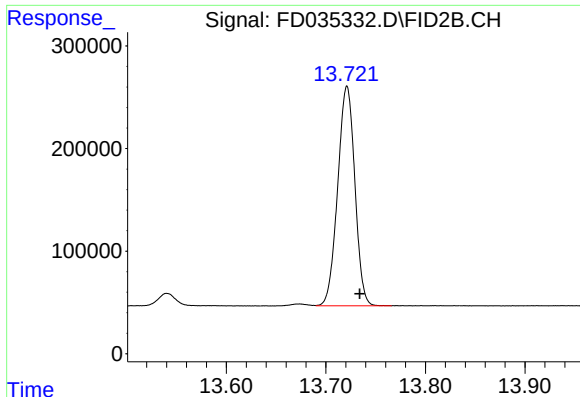
#11 n-Heneicosane (C21)

R.T.: 13.138 min
Delta R.T.: -0.013 min
Response: 2547195
Conc: 20.72 ug/ml



#12 1-chlorooctadecane (SURR)

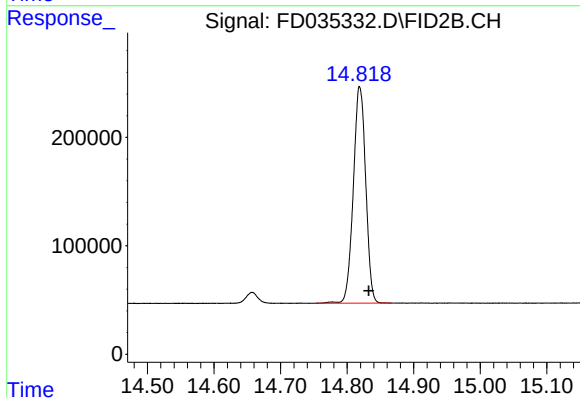
R.T.: 12.971 min
Delta R.T.: -0.012 min
Response: 2159729
Conc: 20.72 ug/ml



#13 n-Docosane (C22)

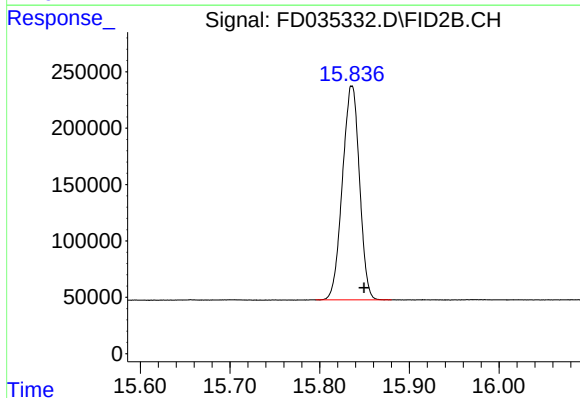
R.T.: 13.721 min
Delta R.T.: -0.013 min
Response: 2561851
Conc: 20.78 ug/ml

Instrument :
FID_D
ClientSampleId :



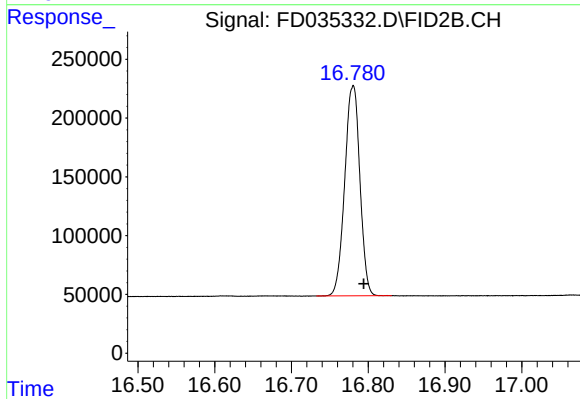
#14 n-Tetracosane (C24)

R.T.: 14.819 min
Delta R.T.: -0.013 min
Response: 2582098
Conc: 20.87 ug/ml



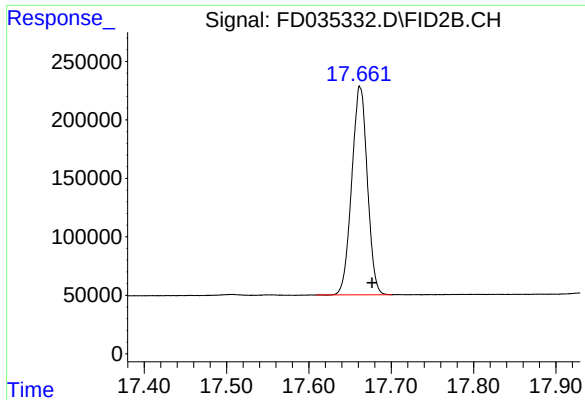
#15 n-Hexacosane (C26)

R.T.: 15.836 min
Delta R.T.: -0.013 min
Response: 2510370
Conc: 20.40 ug/ml



#16 n-Octacosane (C28)

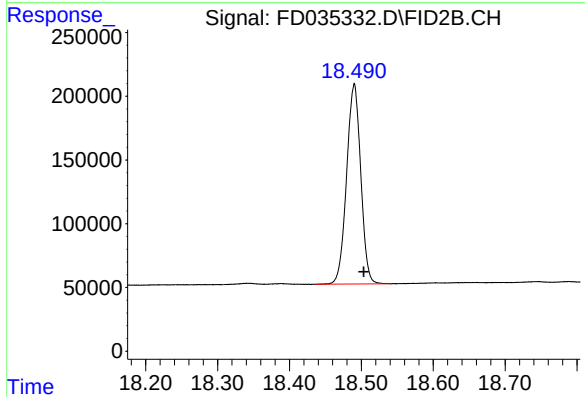
R.T.: 16.780 min
Delta R.T.: -0.014 min
Response: 2453994
Conc: 19.93 ug/ml



#17 n-Tricontane (C30)

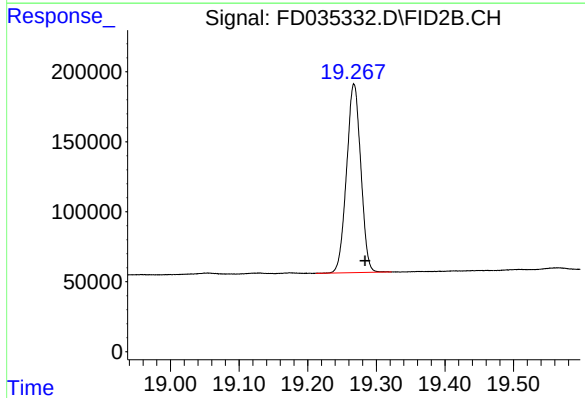
R.T.: 17.662 min
Delta R.T.: -0.014 min
Response: 2348471
Conc: 19.43 ug/ml

Instrument :
FID_D
ClientSampleId :



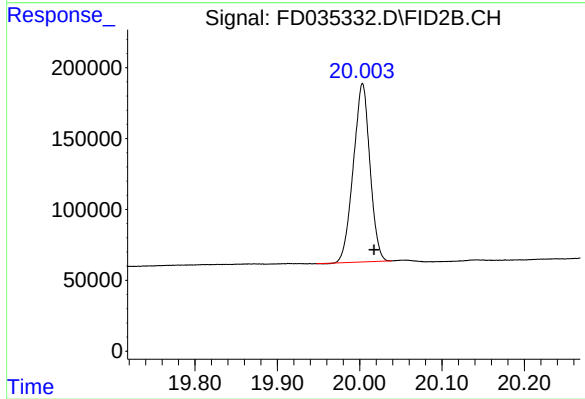
#18 n-Dotriacontane (C32)

R.T.: 18.490 min
Delta R.T.: -0.013 min
Response: 2138732
Conc: 19.02 ug/ml



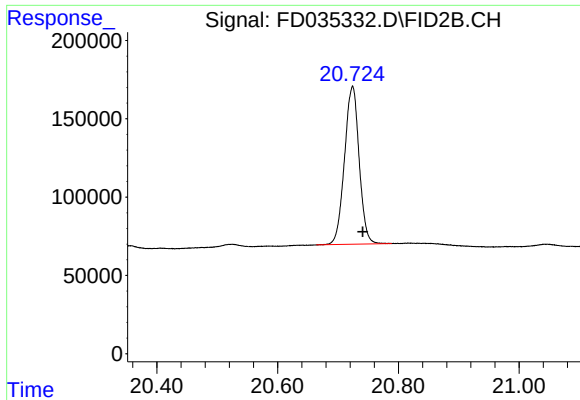
#19 n-Tetratriacontane (C34)

R.T.: 19.268 min
Delta R.T.: -0.016 min
Response: 1940350
Conc: 18.49 ug/ml



#20 n-Hexatriacontane (C36)

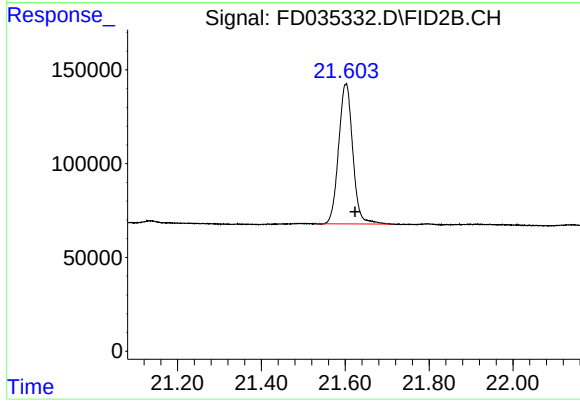
R.T.: 20.003 min
Delta R.T.: -0.014 min
Response: 1764058
Conc: 18.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.724 min
Delta R.T.: -0.017 min
Response: 1697821
Conc: 19.11 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.602 min
Delta R.T.: -0.022 min
Response: 1748024
Conc: 19.92 ug/ml