

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030121AL\
 Data File : FD036280.D
 Signal(s) : FID2B.CH
 Acq On : 02 Mar 2021 3:37
 Operator : DD/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 02 04:12:39 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 030121.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 01 15:18:42 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)	11.514	2715679	19.885 ug/ml
Spiked Amount 50.000		Recovery =	39.77%
12) S 1-chlorooctadecane (S...	12.945	2096317	20.026 ug/ml
Spiked Amount 50.000		Recovery =	40.05%
Target Compounds			
1) T n-Nonane (C9)	3.306	2470140	20.630 ug/ml
2) T n-Decane (C10)	4.369	2504490	20.695 ug/ml
3) T A~Naphthalene (C11.7)	5.946	2853914	20.771 ug/ml
4) T n-Dodecane (C12)	6.381	2550431	20.690 ug/ml
5) T A~2-methylnaphthalene...	6.999	2909206	20.759 ug/ml
6) T n-Tetradecane (C14)	8.169	2536747	20.592 ug/ml
7) T n-Hexadecane (C16)	9.764	2470144	20.496 ug/ml
8) T n-Octadecane (C18)	11.200	2525422	20.268 ug/ml
10) T n-Eicosane (C20)	12.504	2492922	20.034 ug/ml
11) T n-Heneicosane (C21)	13.112	2465586	19.933 ug/ml
13) T n-Docosane (C22)	13.696	2432047	19.764 ug/ml
14) T n-Tetracosane (C24)	14.793	2357464	19.441 ug/ml
15) T n-Hexacosane (C26)	15.809	2253106	19.055 ug/ml
16) T n-Octacosane (C28)	16.753	2171214	18.777 ug/ml
17) T n-Tricontane (C30)	17.635	2106812	18.659 ug/ml
18) T n-Dotriacontane (C32)	18.463	2027701	18.744 ug/ml
19) T n-Tetratriacontane (C34)	19.241	1982371	18.999 ug/ml
20) T n-Hexatriacontane (C36)	19.976	1920778	19.446 ug/ml
21) T n-Octatriacontane (C38)	20.688	1982005	21.285 ug/ml
22) T n-Tetracontane (C40)	21.547	2032779	21.630 ug/ml

(f)=RT Delta > 1/2 Window

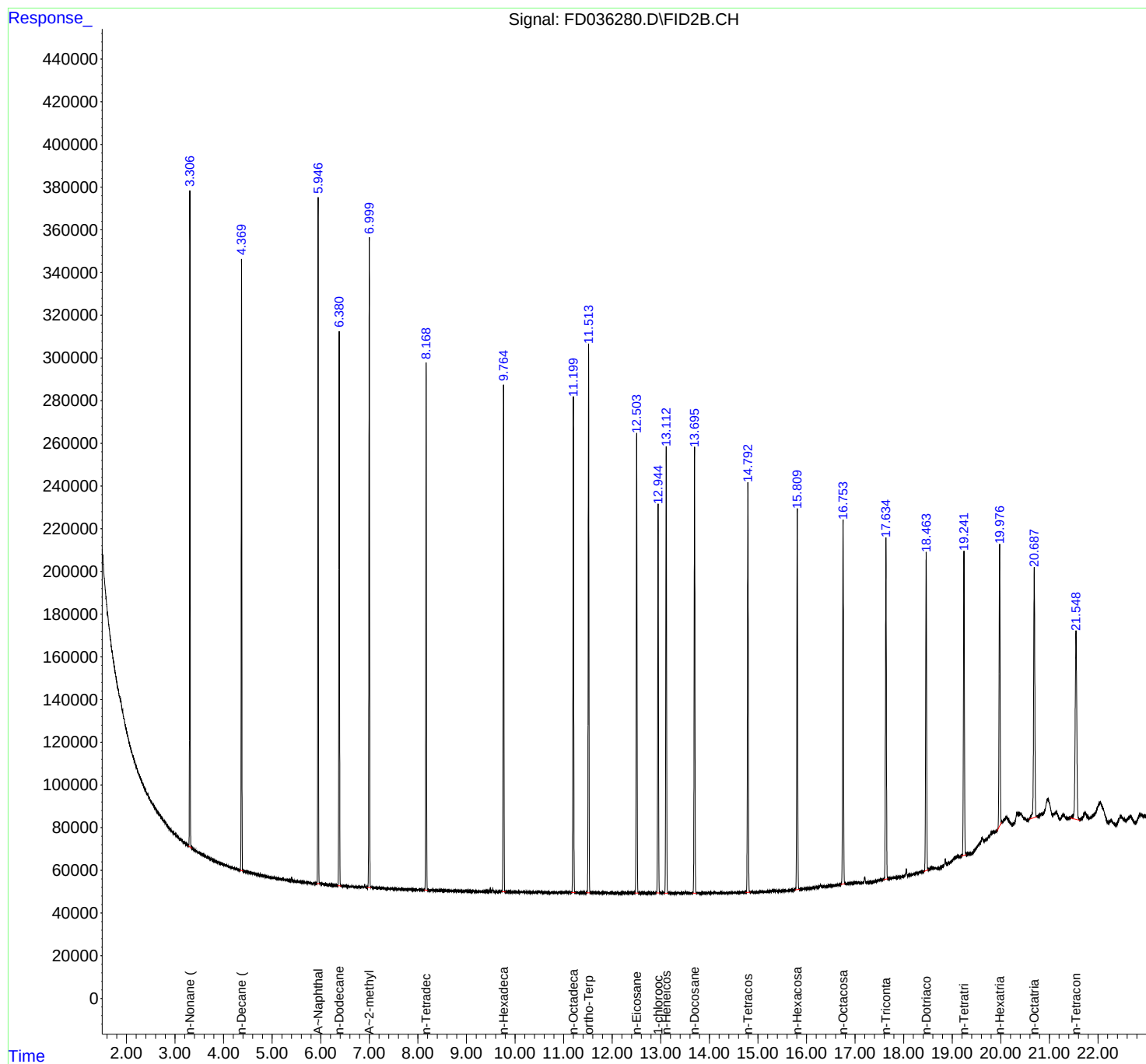
(m)=manual int.

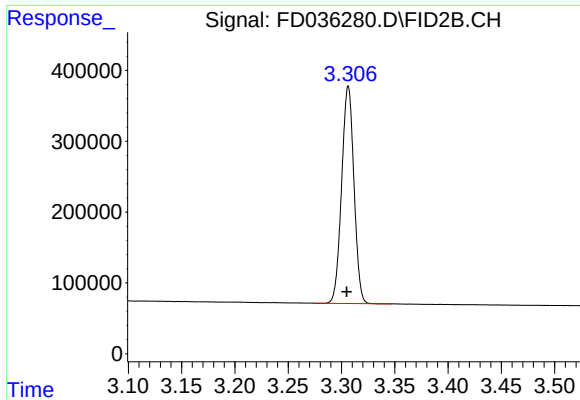
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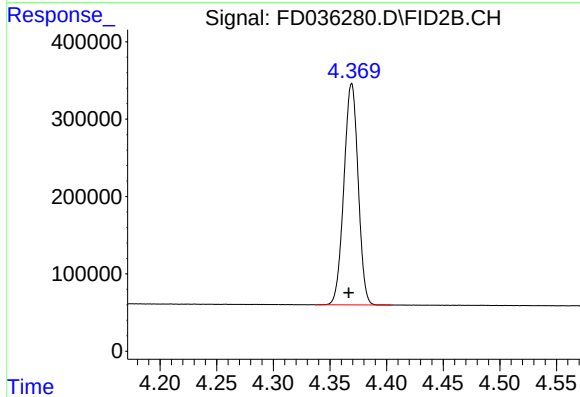




#1 n-Nonane (C9)

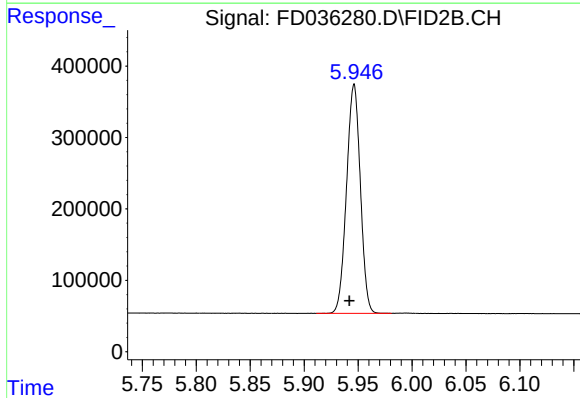
R.T.: 3.306 min
Delta R.T.: 0.001 min
Response: 2470140
Conc: 20.63 ug/ml

Instrument :
FID_D
ClientSampleId :



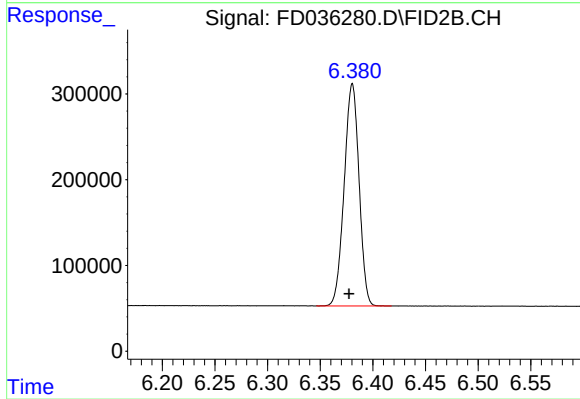
#2 n-Decane (C10)

R.T.: 4.369 min
Delta R.T.: 0.003 min
Response: 2504490
Conc: 20.70 ug/ml



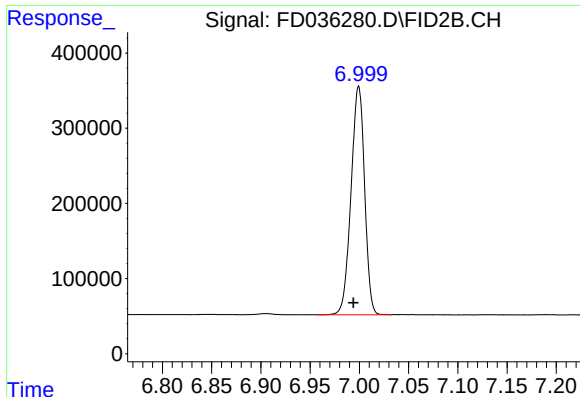
#3 A~Naphthalene (C11.7)

R.T.: 5.946 min
Delta R.T.: 0.005 min
Response: 2853914
Conc: 20.77 ug/ml



#4 n-Dodecane (C12)

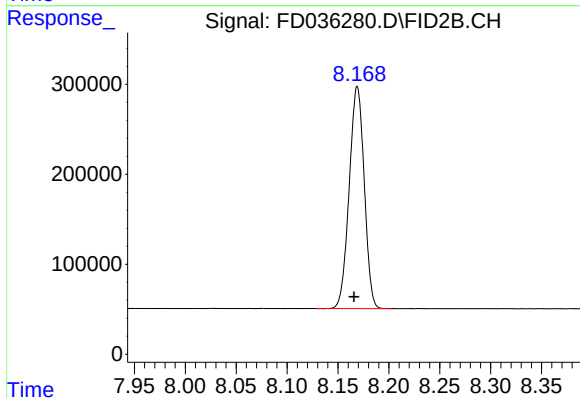
R.T.: 6.381 min
Delta R.T.: 0.003 min
Response: 2550431
Conc: 20.69 ug/ml



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

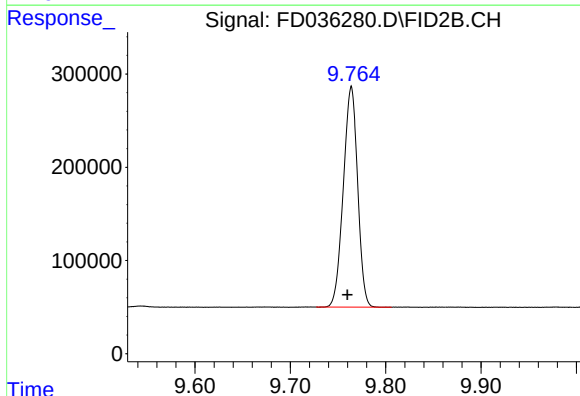
R.T.: 6.999 min
Delta R.T.: 0.005 min
Response: 2909206
Conc: 20.76 ug/ml

Instrument :
FID_D
ClientSampleId :



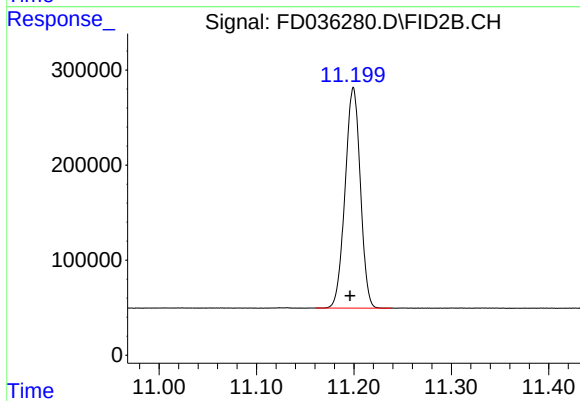
#6 n-Tetradecane (C14)

R.T.: 8.169 min
Delta R.T.: 0.003 min
Response: 2536747
Conc: 20.59 ug/ml



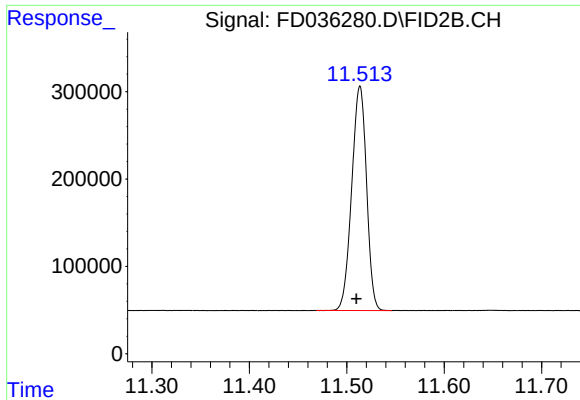
#7 n-Hexadecane (C16)

R.T.: 9.764 min
Delta R.T.: 0.004 min
Response: 2470144
Conc: 20.50 ug/ml



#8 n-Octadecane (C18)

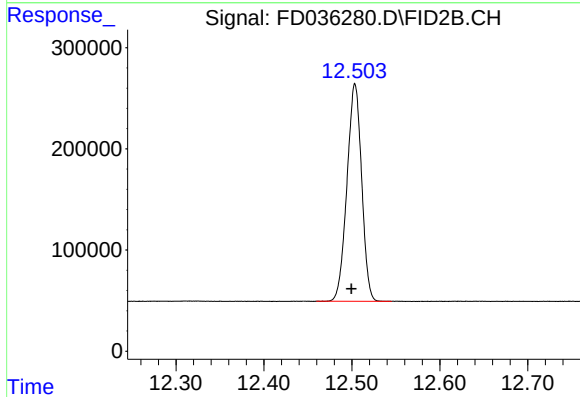
R.T.: 11.200 min
Delta R.T.: 0.003 min
Response: 2525422
Conc: 20.27 ug/ml



#9 ortho-Terphenyl (SURR)

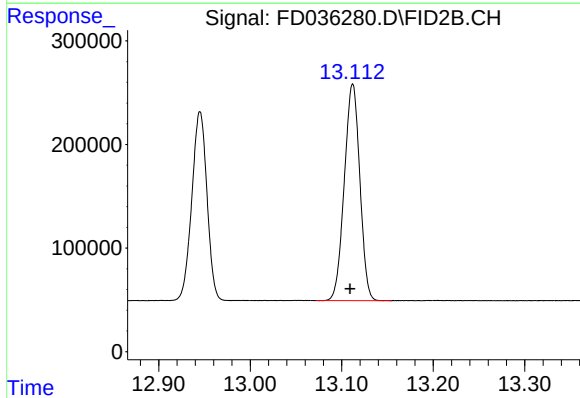
R.T.: 11.514 min
Delta R.T.: 0.004 min
Response: 2715679
Conc: 19.89 ug/ml

Instrument :
FID_D
ClientSampleId :



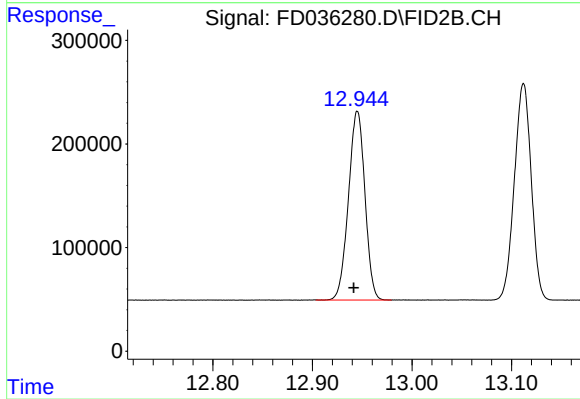
#10 n-Eicosane (C20)

R.T.: 12.504 min
Delta R.T.: 0.004 min
Response: 2492922
Conc: 20.03 ug/ml



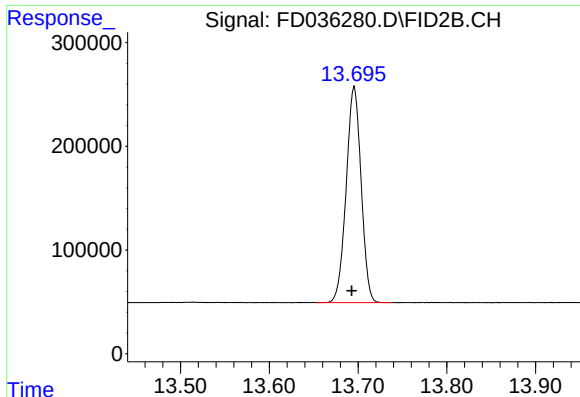
#11 n-Heneicosane (C21)

R.T.: 13.112 min
Delta R.T.: 0.003 min
Response: 2465586
Conc: 19.93 ug/ml



#12 1-chlorooctadecane (SURR)

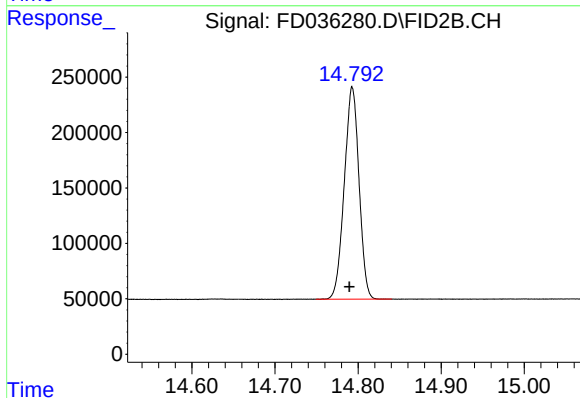
R.T.: 12.945 min
Delta R.T.: 0.003 min
Response: 2096317
Conc: 20.03 ug/ml



#13 n-Docosane (C22)

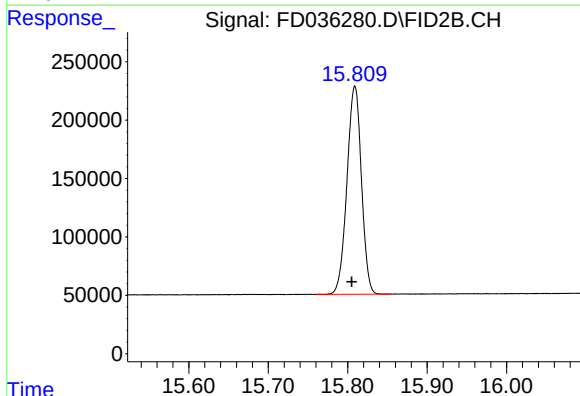
R.T.: 13.696 min
Delta R.T.: 0.003 min
Response: 2432047
Conc: 19.76 ug/ml

Instrument :
FID_D
ClientSampleId :



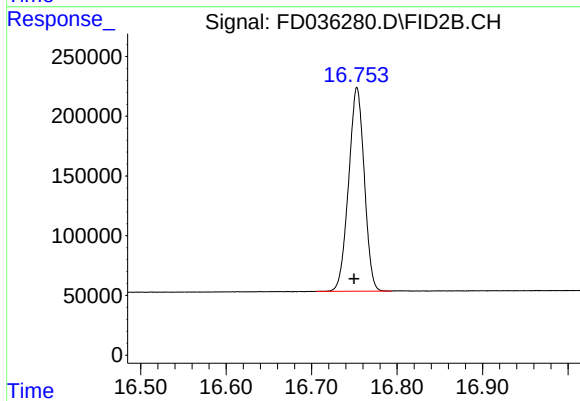
#14 n-Tetracosane (C24)

R.T.: 14.793 min
Delta R.T.: 0.003 min
Response: 2357464
Conc: 19.44 ug/ml



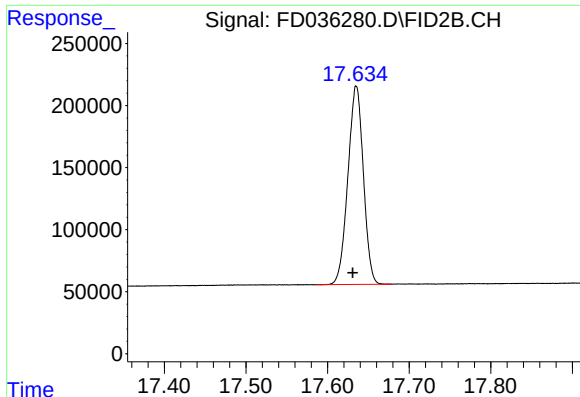
#15 n-Hexacosane (C26)

R.T.: 15.809 min
Delta R.T.: 0.004 min
Response: 2253106
Conc: 19.05 ug/ml



#16 n-Octacosane (C28)

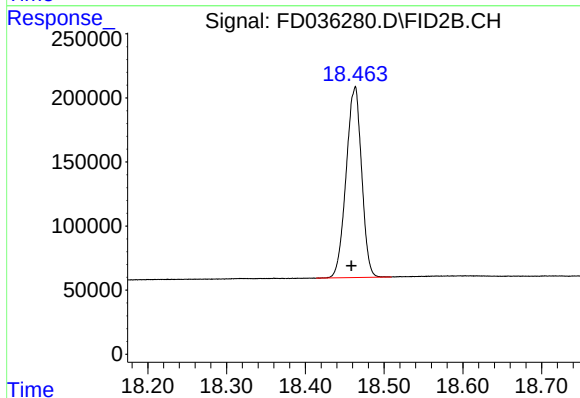
R.T.: 16.753 min
Delta R.T.: 0.003 min
Response: 2171214
Conc: 18.78 ug/ml



#17 n-Tricontane (C30)

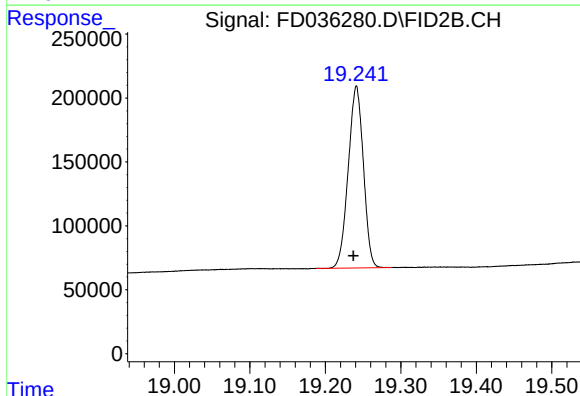
R.T.: 17.635 min
Delta R.T.: 0.005 min
Response: 2106812
Conc: 18.66 ug/ml

Instrument :
FID_D
ClientSampleId :



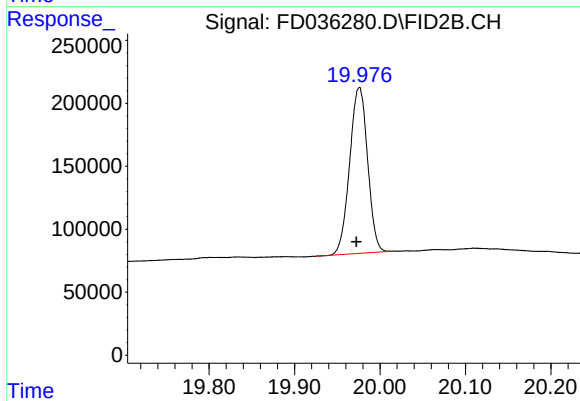
#18 n-Dotriacontane (C32)

R.T.: 18.463 min
Delta R.T.: 0.005 min
Response: 2027701
Conc: 18.74 ug/ml



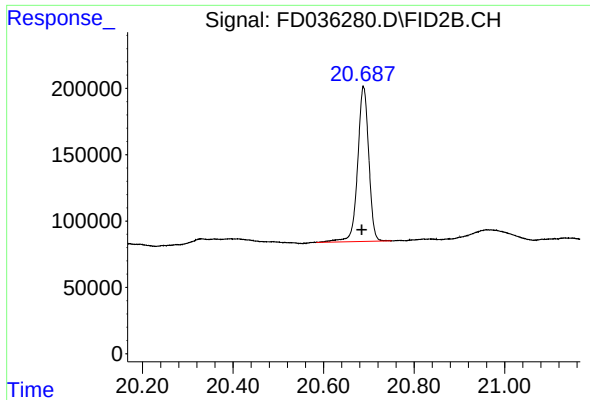
#19 n-Tetratriacontane (C34)

R.T.: 19.241 min
Delta R.T.: 0.004 min
Response: 1982371
Conc: 19.00 ug/ml



#20 n-Hexatriacontane (C36)

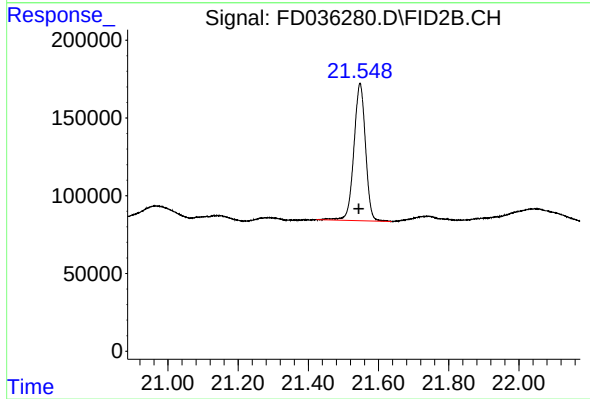
R.T.: 19.976 min
Delta R.T.: 0.003 min
Response: 1920778
Conc: 19.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.688 min
Delta R.T.: 0.004 min
Response: 1982005
Conc: 21.28 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.547 min
Delta R.T.: 0.004 min
Response: 2032779
Conc: 21.63 ug/ml