

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122319AL\
 Data File : FD031855.D
 Signal(s) : FID2B.CH
 Acq On : 23 Dec 2019 14:11
 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: Dec 24 00:18:14 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 120619.M
 Quant Title : GC Extractables
 Qlast Update : Fri Dec 06 04:20:46 2019
 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)	11.539	3097068	21.412 ug/ml
Spiked Amount 50.000		Recovery =	42.82%
12) S 1-chlorooctadecane (S...	12.967	2409587	21.248 ug/ml
Spiked Amount 50.000		Recovery =	42.50%
Target Compounds			
1) T n-Nonane (C9)	3.340	2759691	21.859 ug/ml
2) T n-Decane (C10)	4.403	2810752	22.122 ug/ml
3) T A~Naphthalene (C11.7)	5.980	3144877	22.001 ug/ml
4) T n-Dodecane (C12)	6.411	2852459	22.110 ug/ml
5) T A~2-methylnaphthalene...	7.031	3162651	21.872 ug/ml
6) T n-Tetradecane (C14)	8.197	2884515	21.985 ug/ml
7) T n-Hexadecane (C16)	9.790	2905363	21.891 ug/ml
8) T n-Octadecane (C18)	11.224	2902772	21.684 ug/ml
10) T n-Eicosane (C20)	12.526	2877683	21.503 ug/ml
11) T n-Heneicosane (C21)	13.134	2879015	21.349 ug/ml
13) T n-Docosane (C22)	13.717	2857538	21.332 ug/ml
14) T n-Tetracosane (C24)	14.813	2841268	21.176 ug/ml
15) T n-Hexacosane (C26)	15.828	2767403	21.107 ug/ml
16) T n-Octacosane (C28)	16.772	2702443	21.303 ug/ml
17) T n-Tricontane (C30)	17.654	2577323	21.771 ug/ml
18) T n-Dotriacontane (C32)	18.480	2162021	22.330 ug/ml
19) T n-Tetratriacontane (C34)	19.259	1786212	22.503 ug/ml
20) T n-Hexatriacontane (C36)	19.993	1566916	22.262 ug/ml
21) T n-Octatriacontane (C38)	20.709	1442104	22.335 ug/ml
22) T n-Tetracontane (C40)	21.577	1478097	21.979 ug/ml

(f)=RT Delta > 1/2 Window

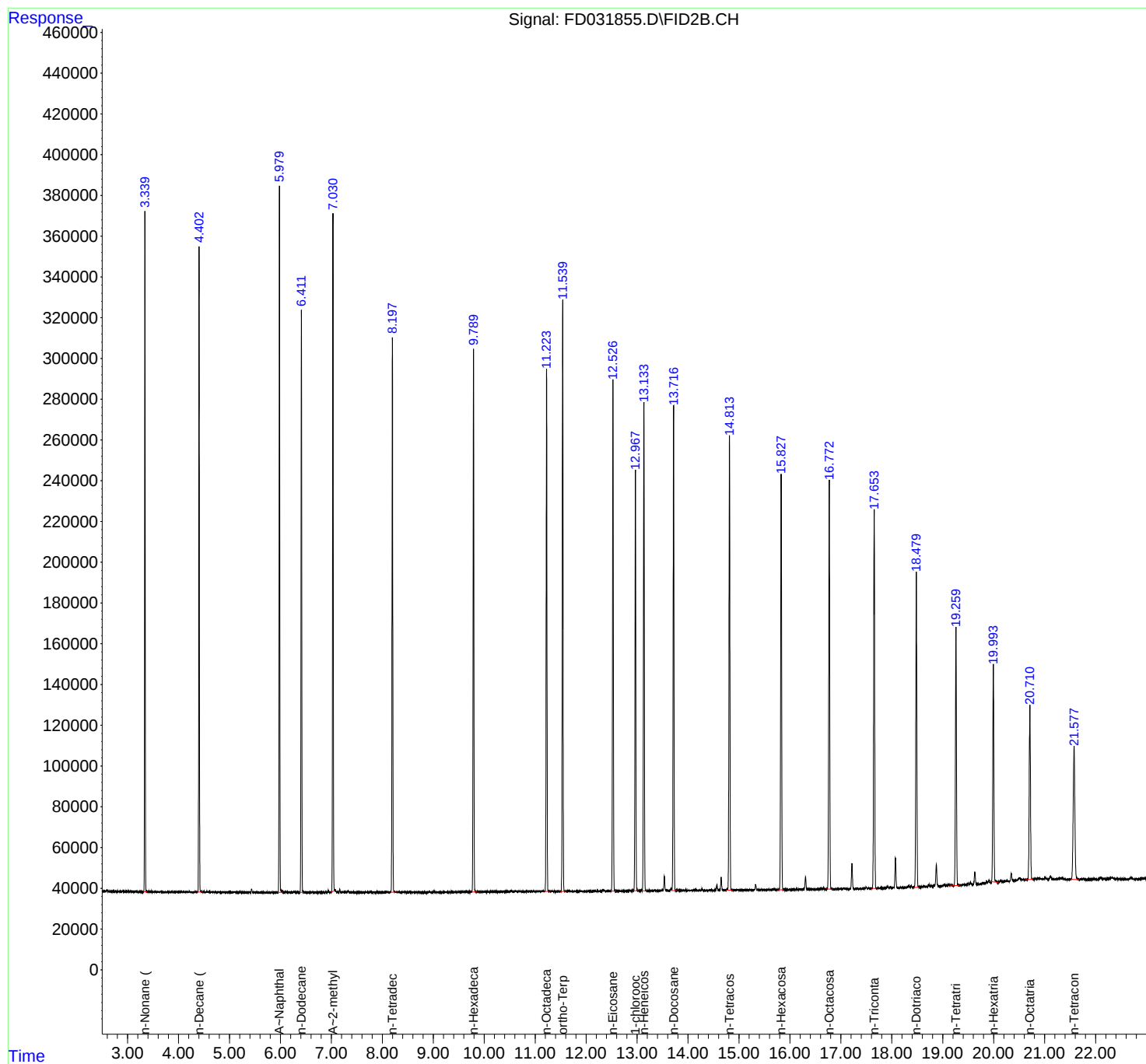
(m)=manual int.

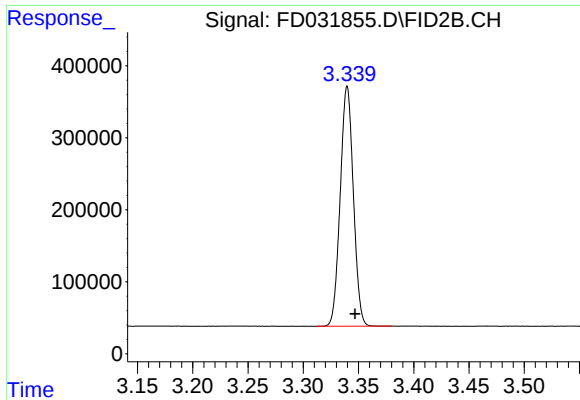
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122319AL\
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Signal(s) : FID2B.CH
Acq On : 23 Dec 2019 14:11
Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
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Instrument :
FID_D
ClientSampled :

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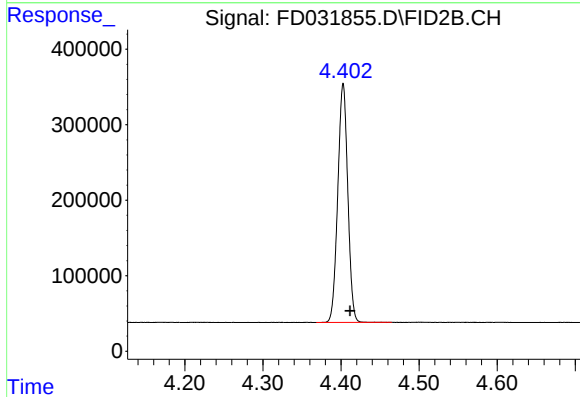




#1 n-Nonane (C9)

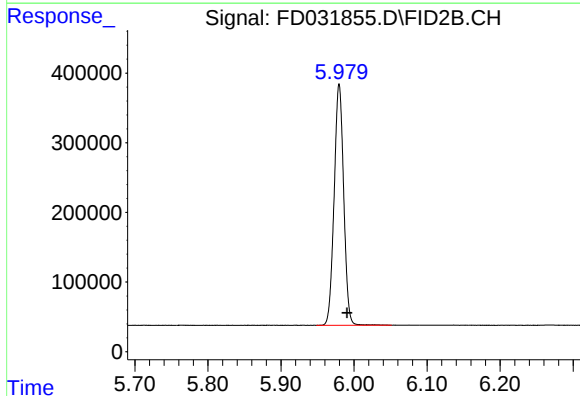
R.T.: 3.340 min
Delta R.T.: -0.007 min
Response: 2759691
Conc: 21.86 ug/ml

Instrument :
FID_D
ClientSampleId :



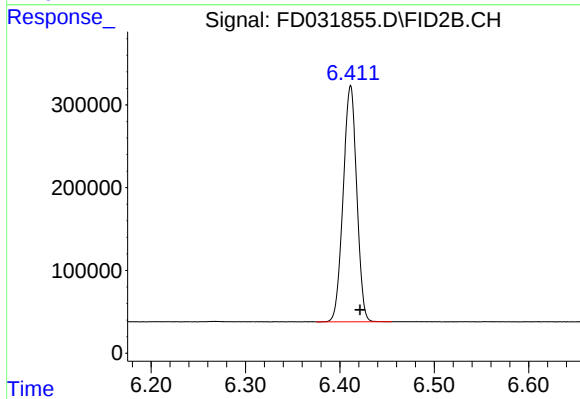
#2 n-Decane (C10)

R.T.: 4.403 min
Delta R.T.: -0.009 min
Response: 2810752
Conc: 22.12 ug/ml



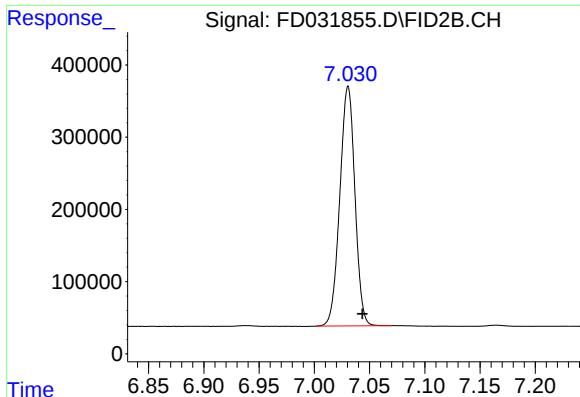
#3 A~Naphthalene (C11.7)

R.T.: 5.980 min
Delta R.T.: -0.011 min
Response: 3144877
Conc: 22.00 ug/ml



#4 n-Dodecane (C12)

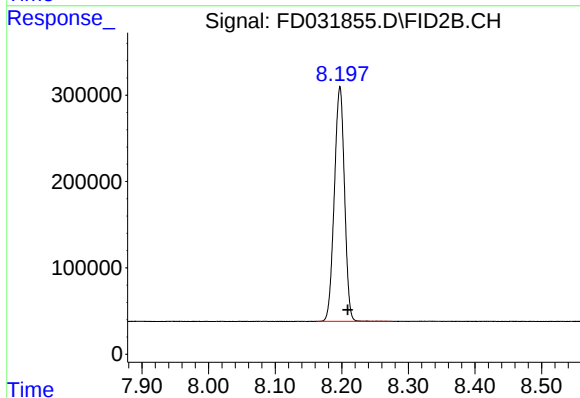
R.T.: 6.411 min
Delta R.T.: -0.010 min
Response: 2852459
Conc: 22.11 ug/ml



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

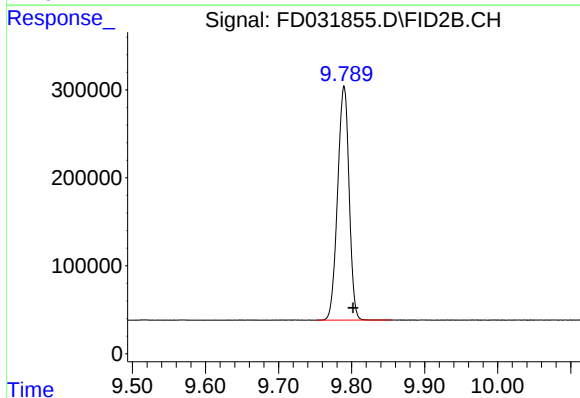
R.T.: 7.031 min
Delta R.T.: -0.013 min
Response: 3162651
Conc: 21.87 ug/ml

Instrument :
FID_D
ClientSampleId :



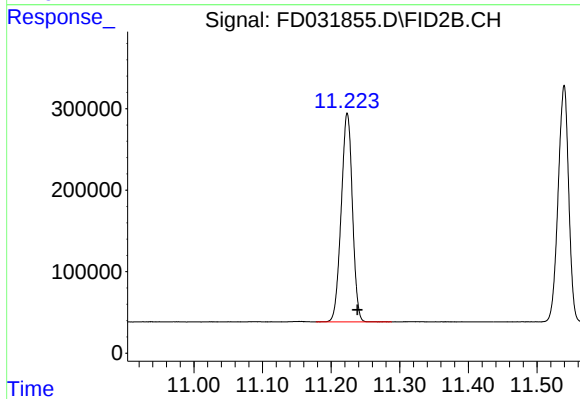
#6 n-Tetradecane (C14)

R.T.: 8.197 min
Delta R.T.: -0.012 min
Response: 2884515
Conc: 21.98 ug/ml



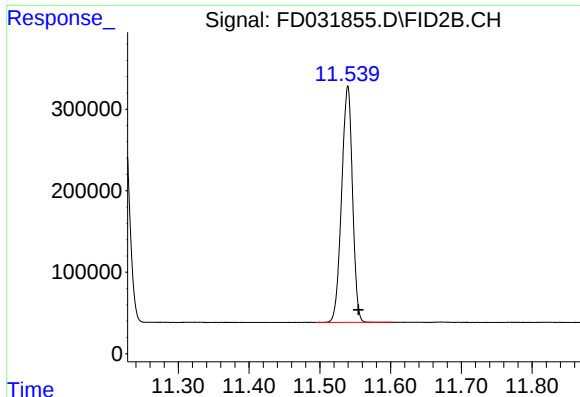
#7 n-Hexadecane (C16)

R.T.: 9.790 min
Delta R.T.: -0.012 min
Response: 2905363
Conc: 21.89 ug/ml



#8 n-Octadecane (C18)

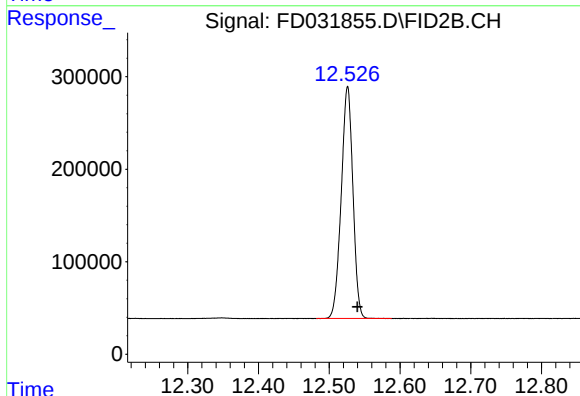
R.T.: 11.224 min
Delta R.T.: -0.015 min
Response: 2902772
Conc: 21.68 ug/ml



#9 ortho-Terphenyl (SURR)

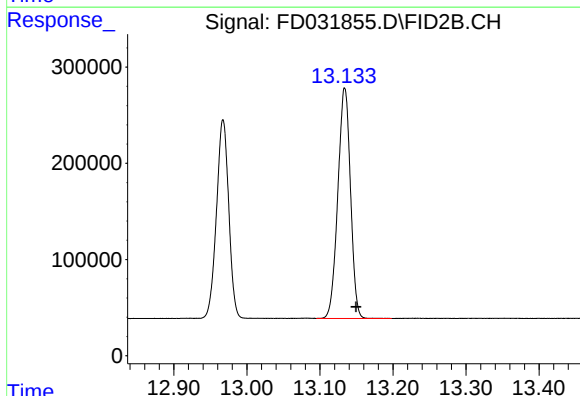
R.T.: 11.539 min
Delta R.T.: -0.016 min
Response: 3097068
Conc: 21.41 ug/ml

Instrument :
FID_D
ClientSampleId :



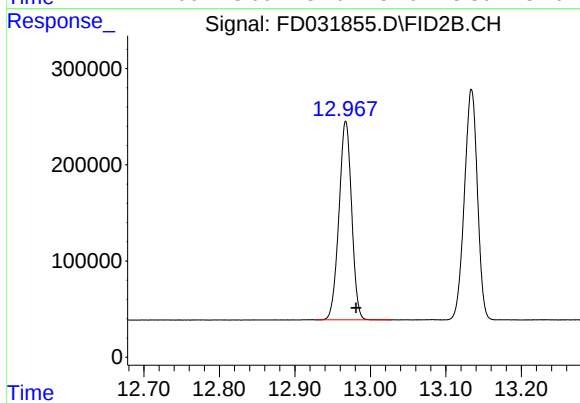
#10 n-Eicosane (C20)

R.T.: 12.526 min
Delta R.T.: -0.014 min
Response: 2877683
Conc: 21.50 ug/ml



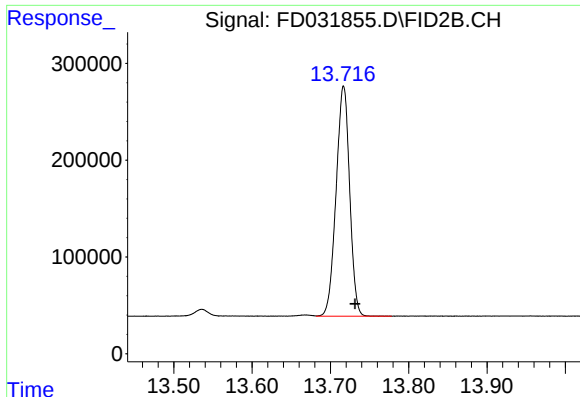
#11 n-Heneicosane (C21)

R.T.: 13.134 min
Delta R.T.: -0.015 min
Response: 2879015
Conc: 21.35 ug/ml



#12 1-chlorooctadecane (SURR)

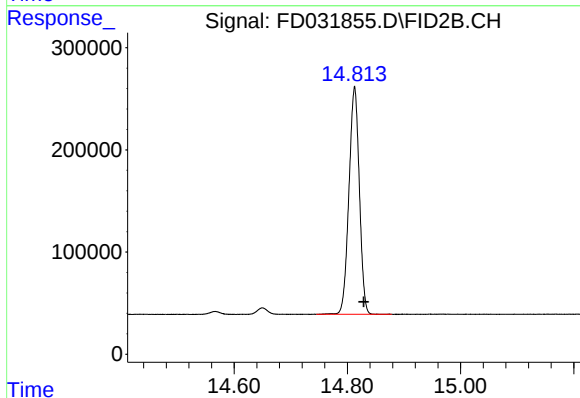
R.T.: 12.967 min
Delta R.T.: -0.014 min
Response: 2409587
Conc: 21.25 ug/ml



#13 n-Docosane (C22)

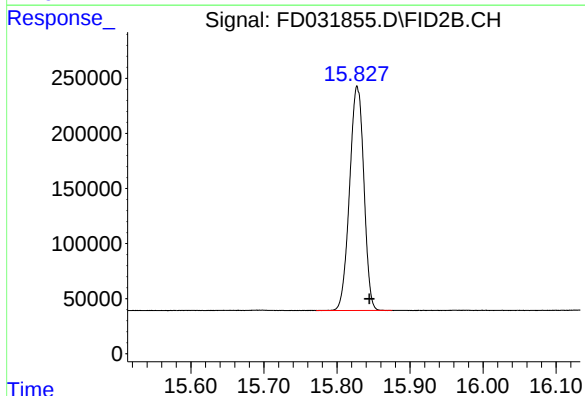
R.T.: 13.717 min
Delta R.T.: -0.015 min
Response: 2857538
Conc: 21.33 ug/ml

Instrument :
FID_D
ClientSampleId :



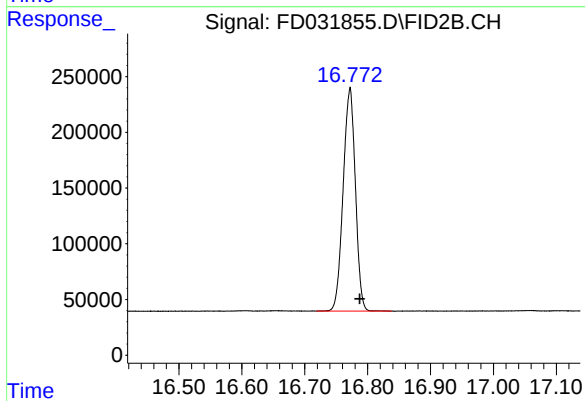
#14 n-Tetracosane (C24)

R.T.: 14.813 min
Delta R.T.: -0.016 min
Response: 2841268
Conc: 21.18 ug/ml



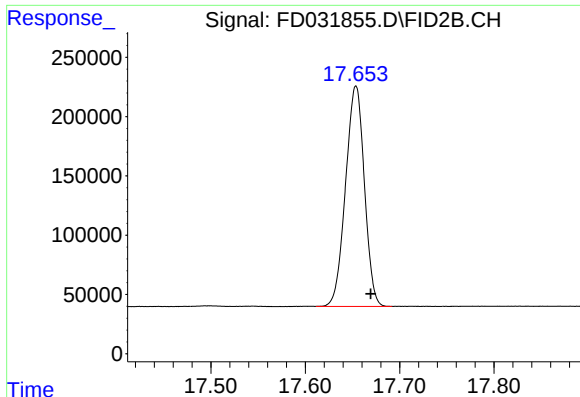
#15 n-Hexacosane (C26)

R.T.: 15.828 min
Delta R.T.: -0.016 min
Response: 2767403
Conc: 21.11 ug/ml



#16 n-Octacosane (C28)

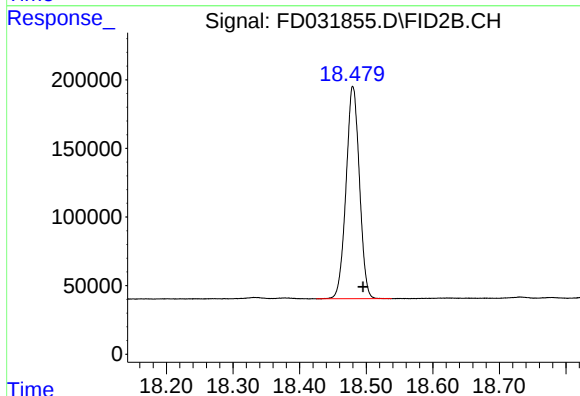
R.T.: 16.772 min
Delta R.T.: -0.016 min
Response: 2702443
Conc: 21.30 ug/ml



#17 n-Tricontane (C30)

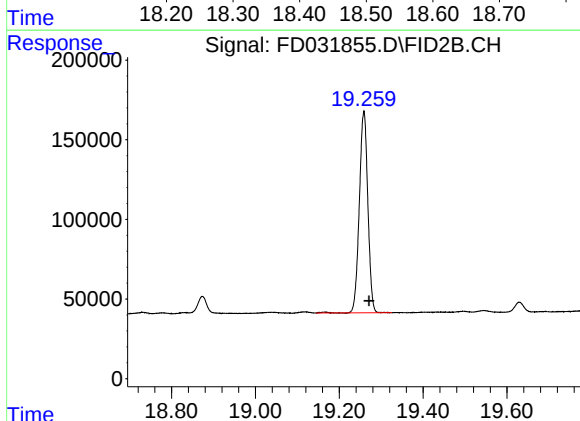
R.T.: 17.654 min
Delta R.T.: -0.016 min
Response: 2577323
Conc: 21.77 ug/ml

Instrument :
FID_D
ClientSampleId :



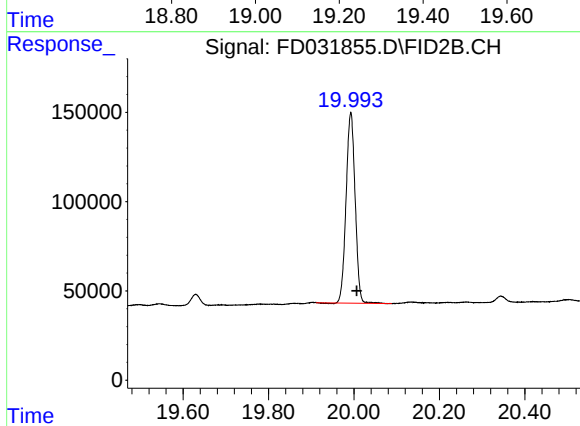
#18 n-Dotriacontane (C32)

R.T.: 18.480 min
Delta R.T.: -0.015 min
Response: 2162021
Conc: 22.33 ug/ml



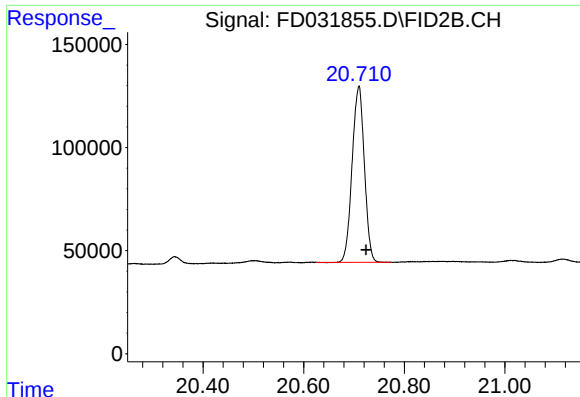
#19 n-Tetratriacontane (C34)

R.T.: 19.259 min
Delta R.T.: -0.013 min
Response: 1786212
Conc: 22.50 ug/ml



#20 n-Hexatriacontane (C36)

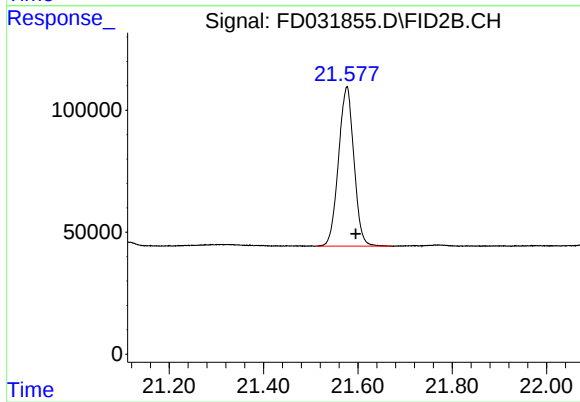
R.T.: 19.993 min
Delta R.T.: -0.014 min
Response: 1566916
Conc: 22.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.709 min
Delta R.T.: -0.015 min
Response: 1442104
Conc: 22.34 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.577 min
Delta R.T.: -0.019 min
Response: 1478097
Conc: 21.98 ug/ml