

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110420AL\
 Data File : FD035341.D
 Signal(s) : FID2B.CH
 Acq On : 05 Nov 2020 10:47
 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 11:13:49 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	2736840	21.039 ug/ml
Spiked Amount 50.000		Recovery =	42.08%
12) S 1-chlorooctadecane (S...	12.971	2178439	20.903 ug/ml
Spiked Amount 50.000		Recovery =	41.81%
Target Compounds			
1) T n-Nonane (C9)	3.333	2422810	21.516 ug/ml
2) T n-Decane (C10)	4.396	2444073	21.628 ug/ml
3) T A~Naphthalene (C11.7)	5.976	2669543	21.829 ug/ml
4) T n-Dodecane (C12)	6.406	2510020	21.710 ug/ml
5) T A~2-methylnaphthalene...	7.029	2720211	21.740 ug/ml
6) T n-Tetradecane (C14)	8.195	2518290	21.867 ug/ml
7) T n-Hexadecane (C16)	9.789	2482268	21.724 ug/ml
8) T n-Octadecane (C18)	11.225	2590741	21.468 ug/ml
10) T n-Eicosane (C20)	12.528	2600070	21.202 ug/ml
11) T n-Heneicosane (C21)	13.138	2575248	20.946 ug/ml
13) T n-Docosane (C22)	13.721	2592953	21.028 ug/ml
14) T n-Tetracosane (C24)	14.818	2614821	21.136 ug/ml
15) T n-Hexacosane (C26)	15.835	2523604	20.503 ug/ml
16) T n-Octacosane (C28)	16.780	2452092	19.916 ug/ml
17) T n-Tricontane (C30)	17.663	2348750	19.434 ug/ml
18) T n-Dotriacontane (C32)	18.491	2128726	18.932 ug/ml
19) T n-Tetratriacontane (C34)	19.270	1939199	18.476 ug/ml
20) T n-Hexatriacontane (C36)	20.005	1780929	18.591 ug/ml
21) T n-Octatriacontane (C38)	20.725	1784459	20.089 ug/ml
22) T n-Tetracontane (C40)	21.604	1737378	19.796 ug/ml

(f)=RT Delta > 1/2 Window

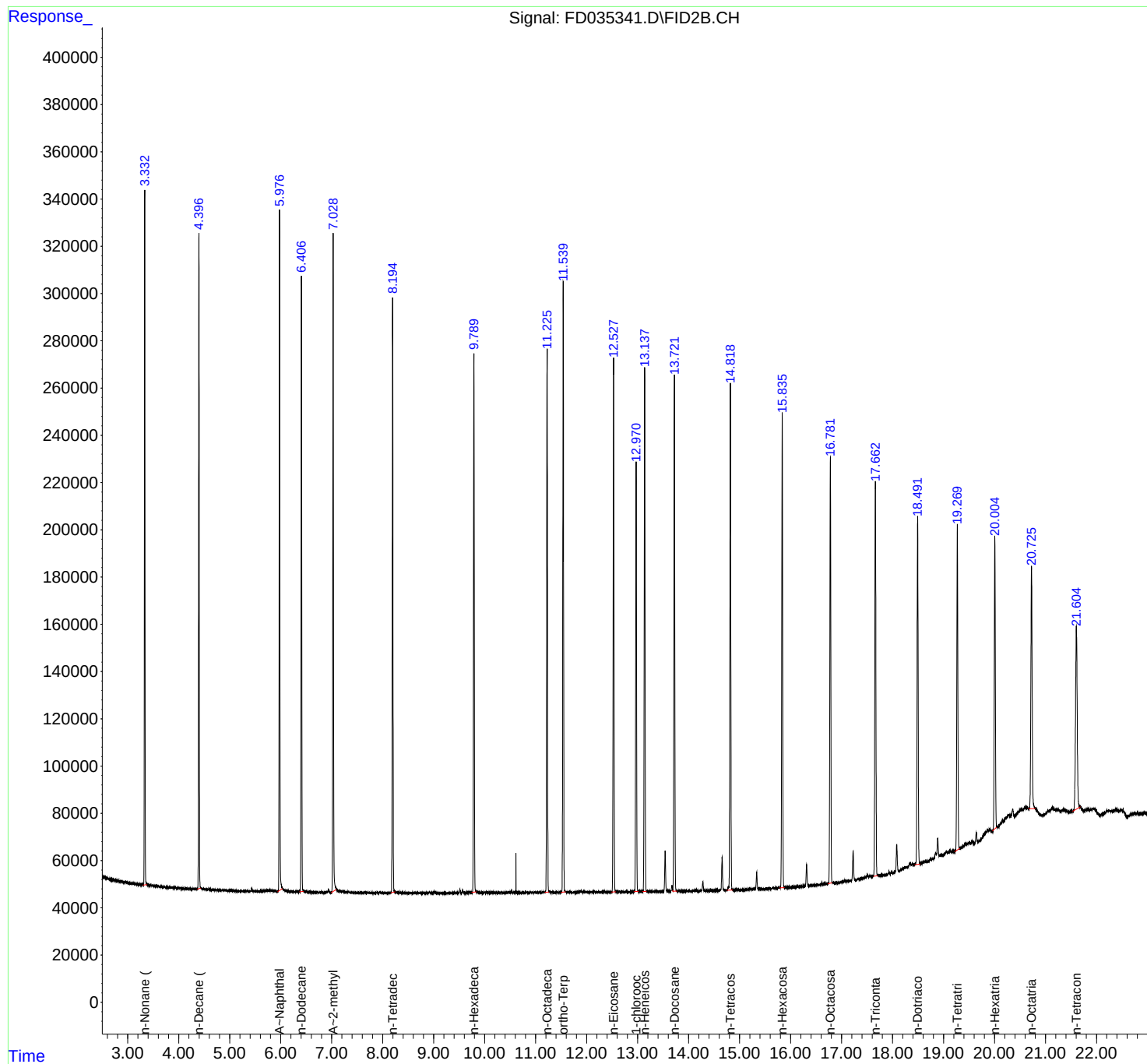
(m)=manual int.

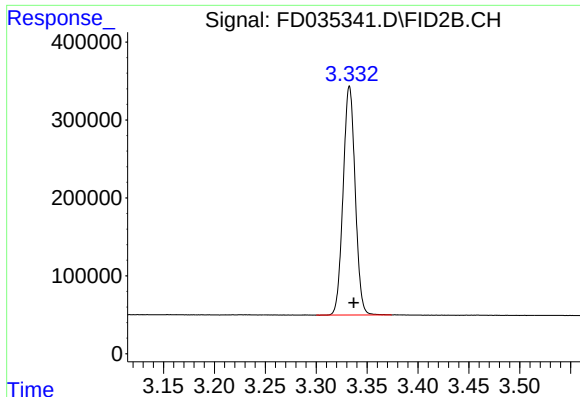
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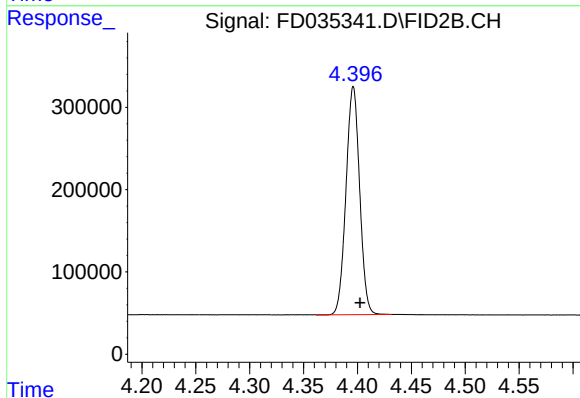




#1 n-Nonane (C9)

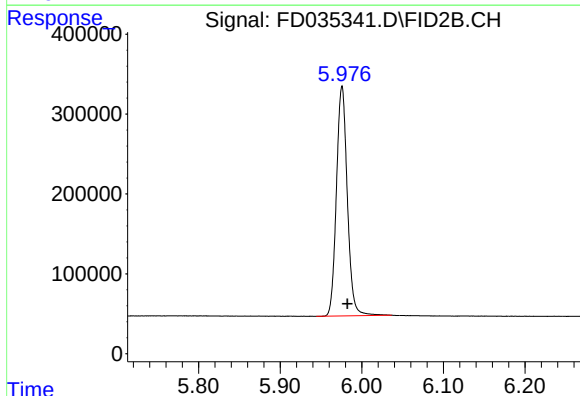
R.T.: 3.333 min
Delta R.T.: -0.004 min
Response: 2422810
Conc: 21.52 ug/ml

Instrument :
FID_D
ClientSampleId :



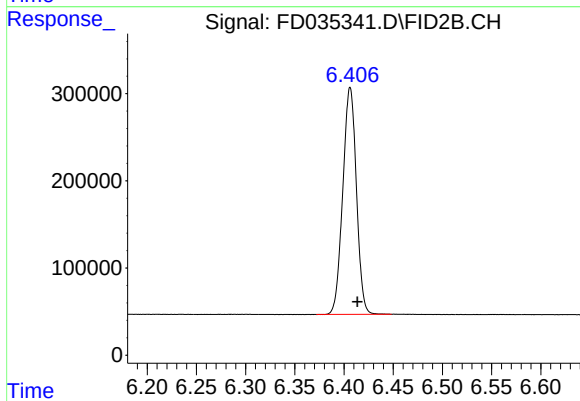
#2 n-Decane (C10)

R.T.: 4.396 min
Delta R.T.: -0.006 min
Response: 2444073
Conc: 21.63 ug/ml



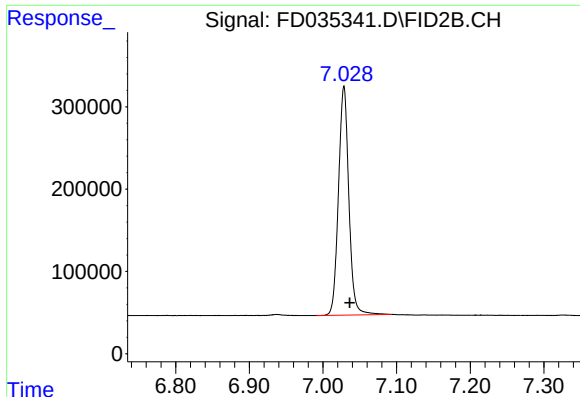
#3 A~Naphthalene (C11.7)

R.T.: 5.976 min
Delta R.T.: -0.007 min
Response: 2669543
Conc: 21.83 ug/ml



#4 n-Dodecane (C12)

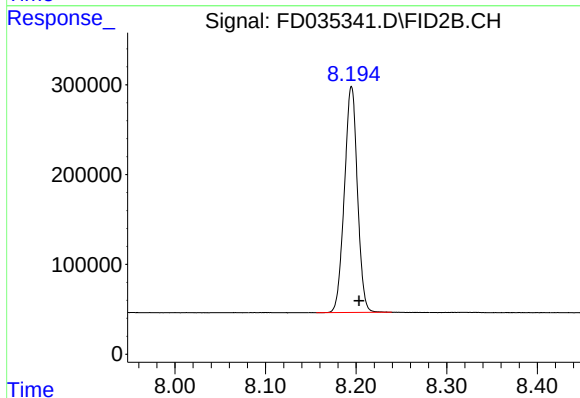
R.T.: 6.406 min
Delta R.T.: -0.008 min
Response: 2510020
Conc: 21.71 ug/ml



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

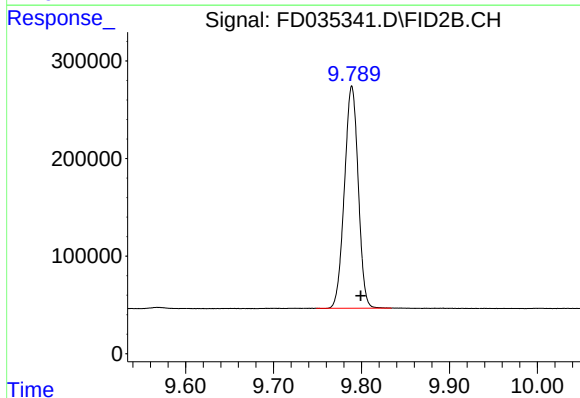
R.T.: 7.029 min
Delta R.T.: -0.008 min
Response: 2720211
Conc: 21.74 ug/ml

Instrument :
FID_D
ClientSampleId :



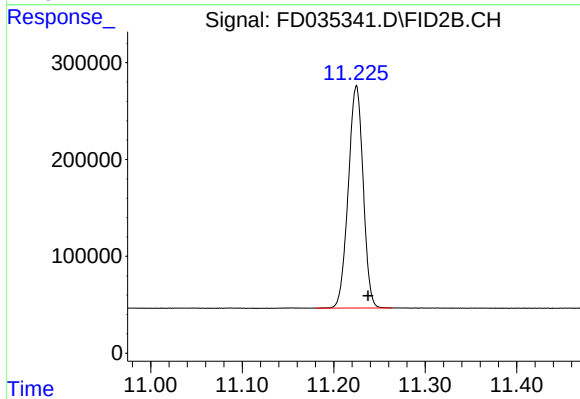
#6 n-Tetradecane (C14)

R.T.: 8.195 min
Delta R.T.: -0.008 min
Response: 2518290
Conc: 21.87 ug/ml



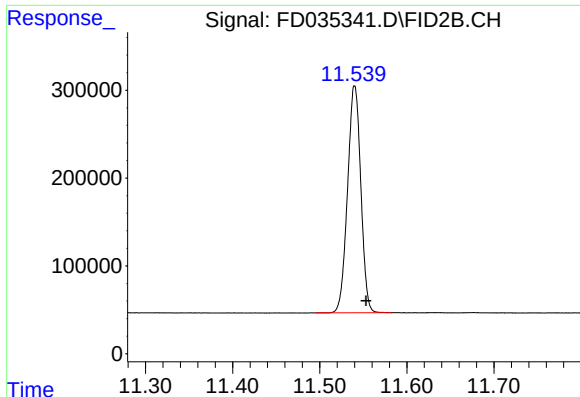
#7 n-Hexadecane (C16)

R.T.: 9.789 min
Delta R.T.: -0.010 min
Response: 2482268
Conc: 21.72 ug/ml



#8 n-Octadecane (C18)

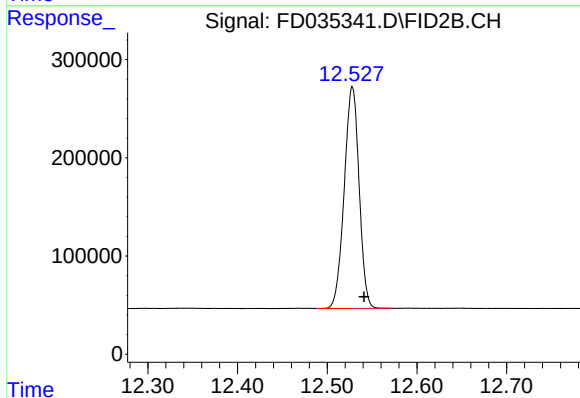
R.T.: 11.225 min
Delta R.T.: -0.012 min
Response: 2590741
Conc: 21.47 ug/ml



#9 ortho-Terphenyl (SURR)

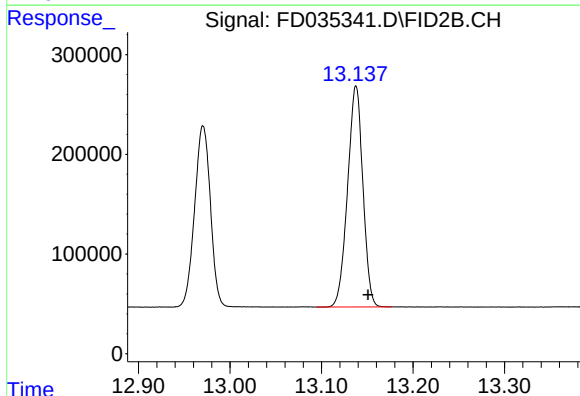
R.T.: 11.540 min
Delta R.T.: -0.013 min
Response: 2736840
Conc: 21.04 ug/ml

Instrument :
FID_D
ClientSampleId :



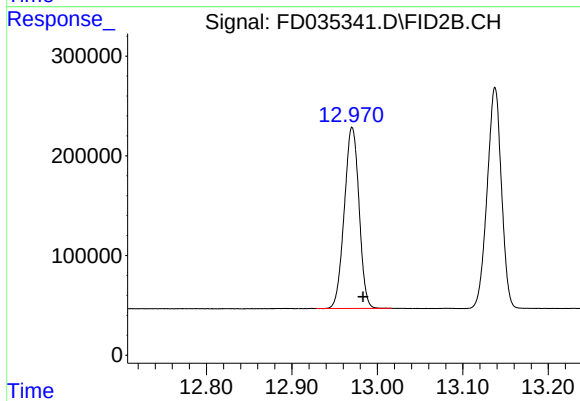
#10 n-Eicosane (C20)

R.T.: 12.528 min
Delta R.T.: -0.013 min
Response: 2600070
Conc: 21.20 ug/ml



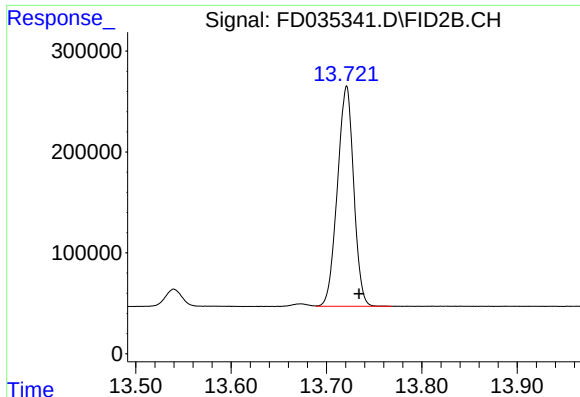
#11 n-Heneicosane (C21)

R.T.: 13.138 min
Delta R.T.: -0.013 min
Response: 2575248
Conc: 20.95 ug/ml



#12 1-chlorooctadecane (SURR)

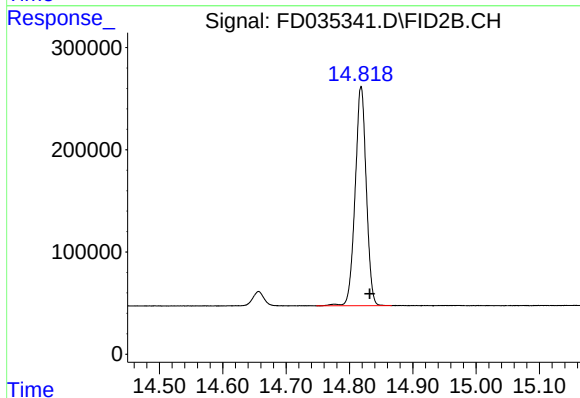
R.T.: 12.971 min
Delta R.T.: -0.013 min
Response: 2178439
Conc: 20.90 ug/ml



#13 n-Docosane (C22)

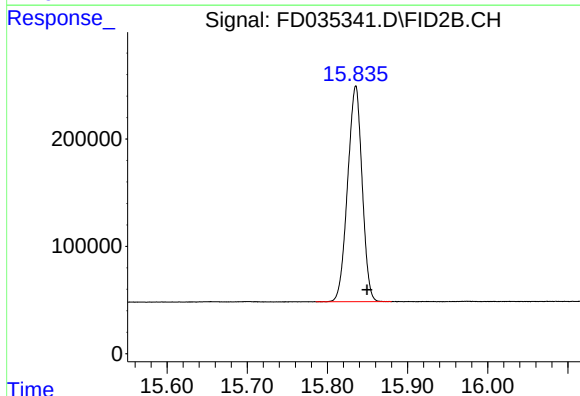
R.T.: 13.721 min
Delta R.T.: -0.013 min
Response: 2592953
Conc: 21.03 ug/ml

Instrument :
FID_D
ClientSampleId :



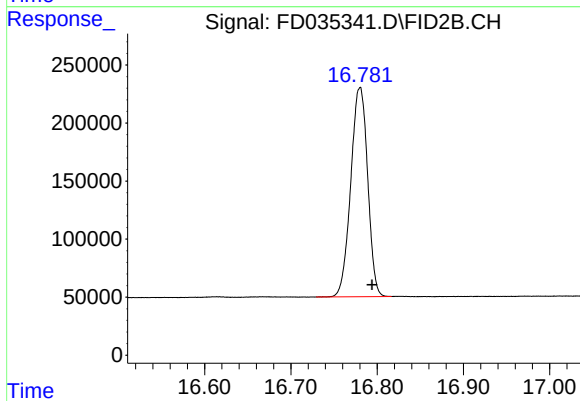
#14 n-Tetracosane (C24)

R.T.: 14.818 min
Delta R.T.: -0.014 min
Response: 2614821
Conc: 21.14 ug/ml



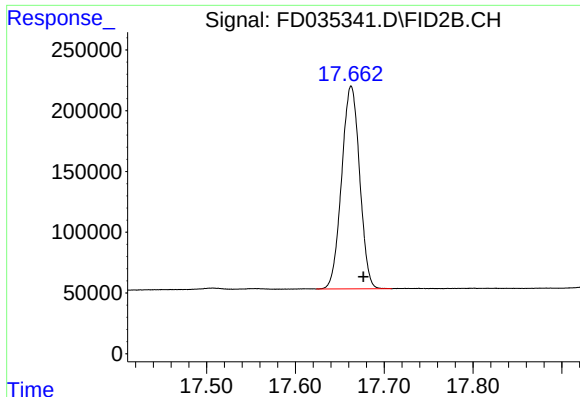
#15 n-Hexacosane (C26)

R.T.: 15.835 min
Delta R.T.: -0.014 min
Response: 2523604
Conc: 20.50 ug/ml



#16 n-Octacosane (C28)

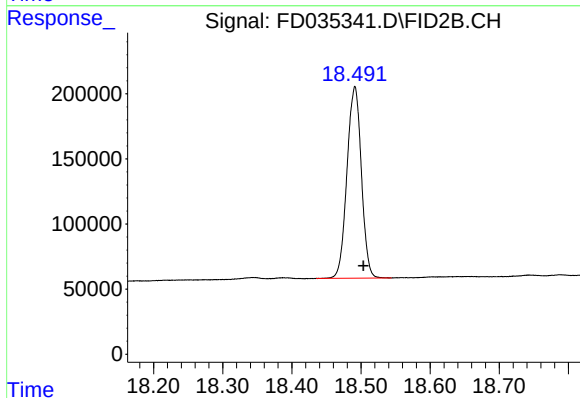
R.T.: 16.780 min
Delta R.T.: -0.014 min
Response: 2452092
Conc: 19.92 ug/ml



#17 n-Tricontane (C30)

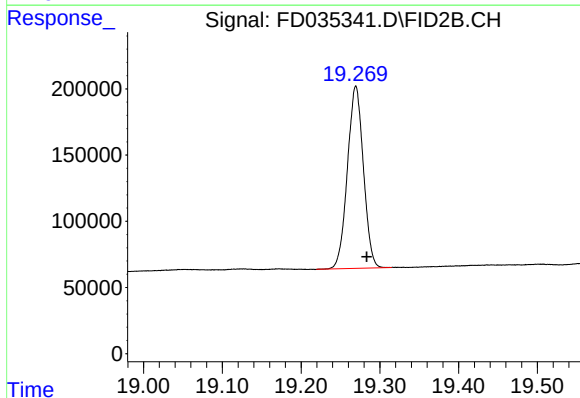
R.T.: 17.663 min
Delta R.T.: -0.014 min
Response: 2348750
Conc: 19.43 ug/ml

Instrument :
FID_D
ClientSampleId :



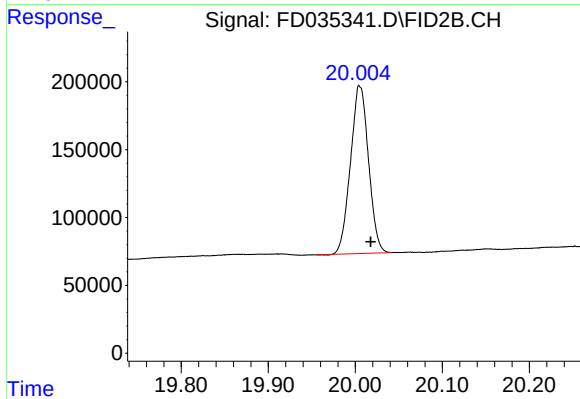
#18 n-Dotriacontane (C32)

R.T.: 18.491 min
Delta R.T.: -0.012 min
Response: 2128726
Conc: 18.93 ug/ml



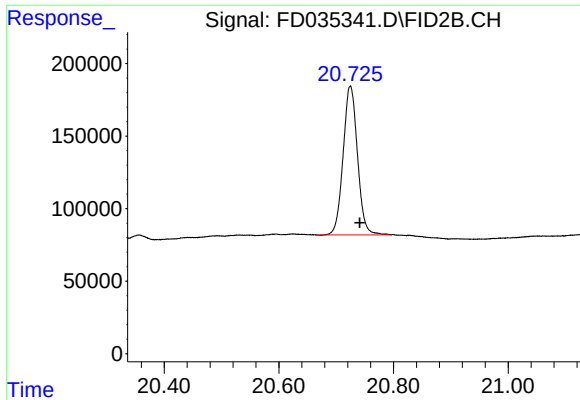
#19 n-Tetratriacontane (C34)

R.T.: 19.270 min
Delta R.T.: -0.014 min
Response: 1939199
Conc: 18.48 ug/ml



#20 n-Hexatriacontane (C36)

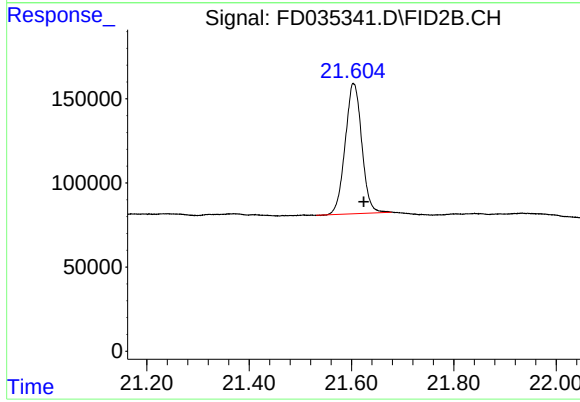
R.T.: 20.005 min
Delta R.T.: -0.013 min
Response: 1780929
Conc: 18.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.725 min
Delta R.T.: -0.016 min
Response: 1784459
Conc: 20.09 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.604 min
Delta R.T.: -0.020 min
Response: 1737378
Conc: 19.80 ug/ml