

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022120AL\
 Data File : FD032387.D
 Signal(s) : FID2B.CH
 Acq On : 22 Feb 2020 4:48
 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: Feb 22 05:34:05 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 020420.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 05 06:50:50 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)	11.524	2871636	18.845 ug/ml
Spiked Amount 50.000		Recovery =	37.69%
12) S 1-chlorooctadecane (S...	12.955	2177282	18.441 ug/ml
Spiked Amount 50.000		Recovery =	36.88%
Target Compounds			
1) T n-Nonane (C9)	3.329	2680898	19.812 ug/ml
2) T n-Decane (C10)	4.391	2729434	20.153 ug/ml
3) T A~Naphthalene (C11.7)	5.966	3025771	19.816 ug/ml
4) T n-Dodecane (C12)	6.398	2748091	20.089 ug/ml
5) T A~2-methylnaphthalene...	7.017	3036621	19.750 ug/ml
6) T n-Tetradecane (C14)	8.183	2733067	19.804 ug/ml
7) T n-Hexadecane (C16)	9.776	2708343	19.657 ug/ml
8) T n-Octadecane (C18)	11.210	2674823	19.337 ug/ml
10) T n-Eicosane (C20)	12.513	2614616	18.878 ug/ml
11) T n-Heneicosane (C21)	13.122	2579221	18.445 ug/ml
13) T n-Docosane (C22)	13.705	2569915	18.525 ug/ml
14) T n-Tetracosane (C24)	14.803	2573243	18.535 ug/ml
15) T n-Hexacosane (C26)	15.819	2555470	18.670 ug/ml
16) T n-Octacosane (C28)	16.765	2541559	18.956 ug/ml
17) T n-Tricontane (C30)	17.647	2444740	19.001 ug/ml
18) T n-Dotriacontane (C32)	18.476	2091285	18.783 ug/ml
19) T n-Tetratriacontane (C34)	19.254	1726367	18.676 ug/ml
20) T n-Hexatriacontane (C36)	19.991	1543834	17.481 ug/ml
21) T n-Octatriacontane (C38)	20.705	1445629	18.749 ug/ml
22) T n-Tetracontane (C40)	21.571	1460032	16.486 ug/ml

(f)=RT Delta > 1/2 Window

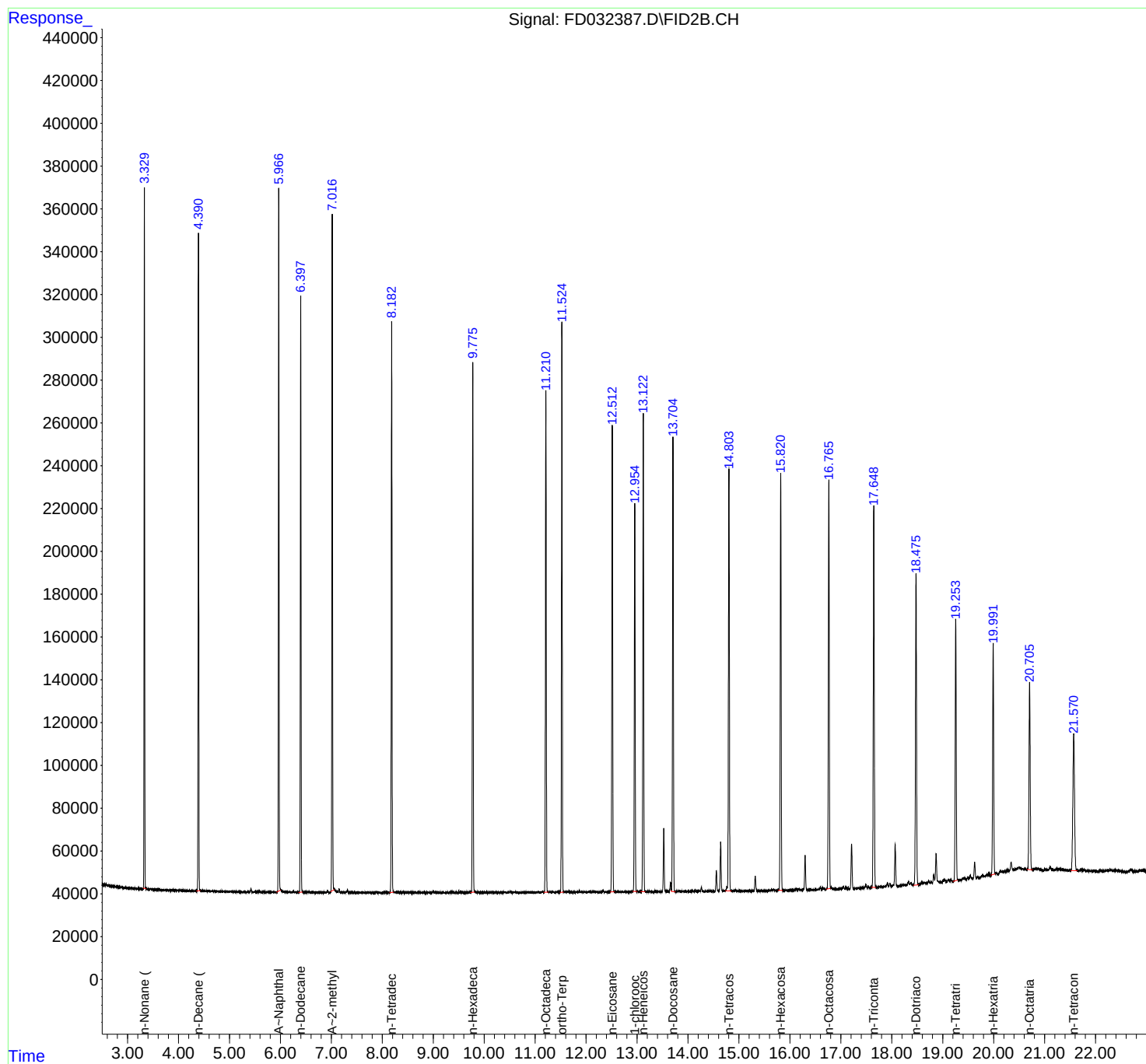
(m)=manual int.

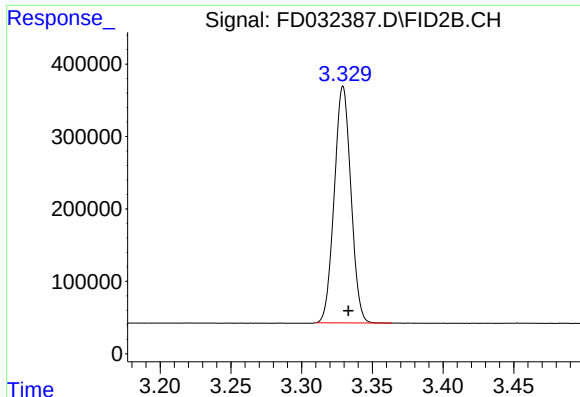
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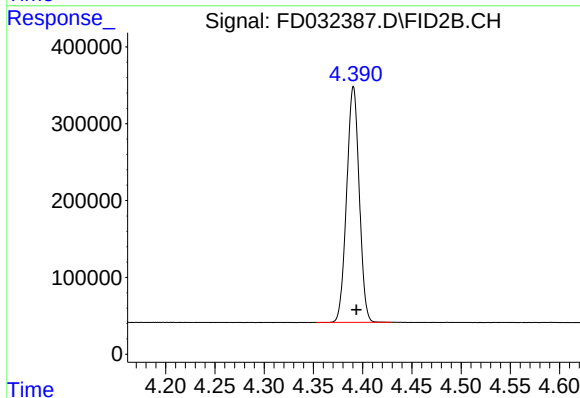




#1 n-Nonane (C9)

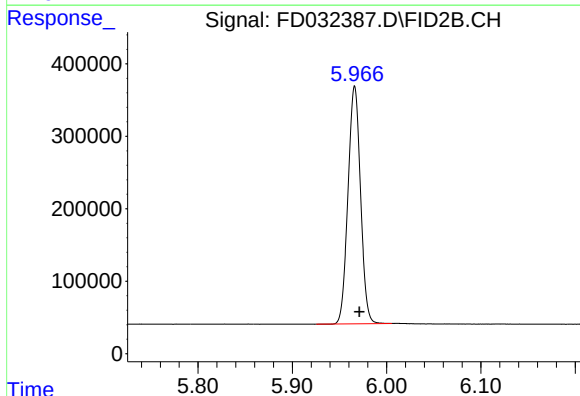
R.T.: 3.329 min
Delta R.T.: -0.004 min
Response: 2680898
Conc: 19.81 ug/ml

Instrument :
FID_D
ClientSampleId :



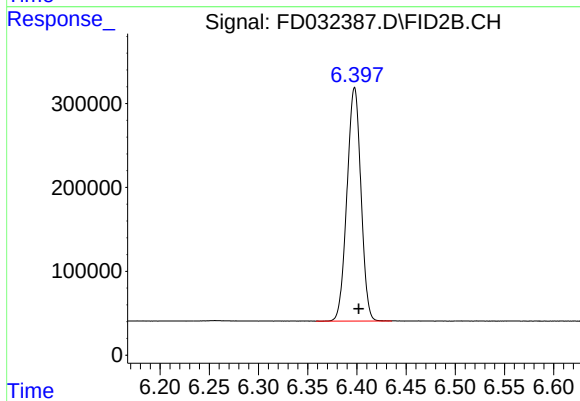
#2 n-Decane (C10)

R.T.: 4.391 min
Delta R.T.: -0.003 min
Response: 2729434
Conc: 20.15 ug/ml



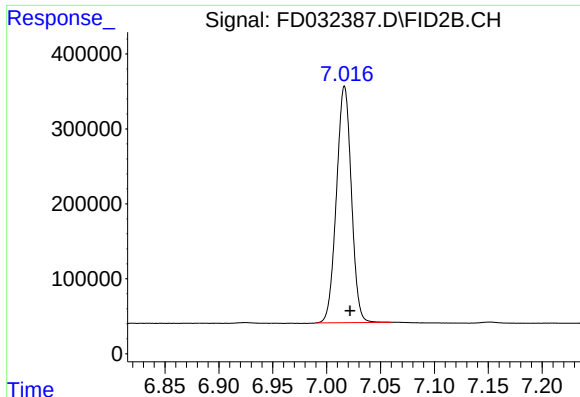
#3 A~Naphthalene (C11.7)

R.T.: 5.966 min
Delta R.T.: -0.005 min
Response: 3025771
Conc: 19.82 ug/ml



#4 n-Dodecane (C12)

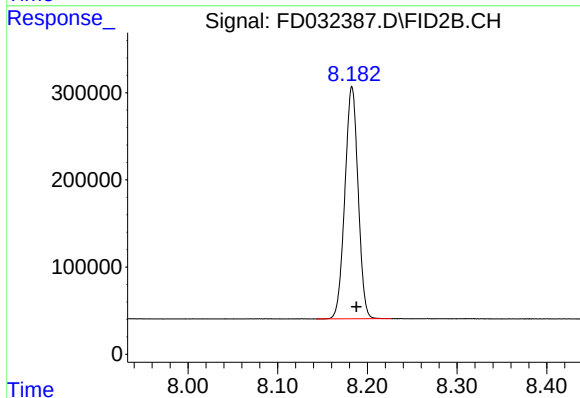
R.T.: 6.398 min
Delta R.T.: -0.004 min
Response: 2748091
Conc: 20.09 ug/ml



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

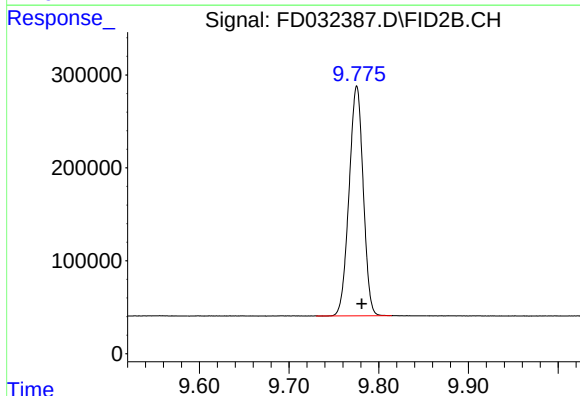
R.T.: 7.017 min
Delta R.T.: -0.005 min
Response: 3036621
Conc: 19.75 ug/ml

Instrument :
FID_D
ClientSampleId :



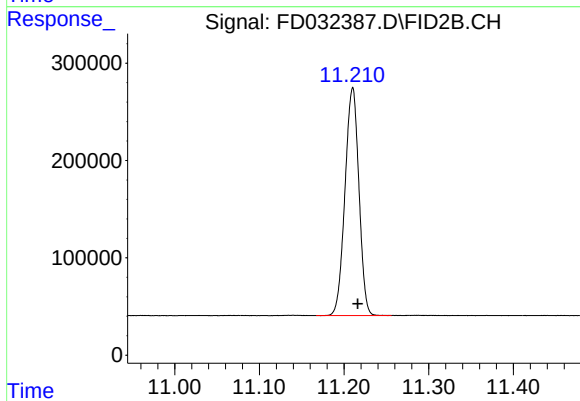
#6 n-Tetradecane (C14)

R.T.: 8.183 min
Delta R.T.: -0.005 min
Response: 2733067
Conc: 19.80 ug/ml



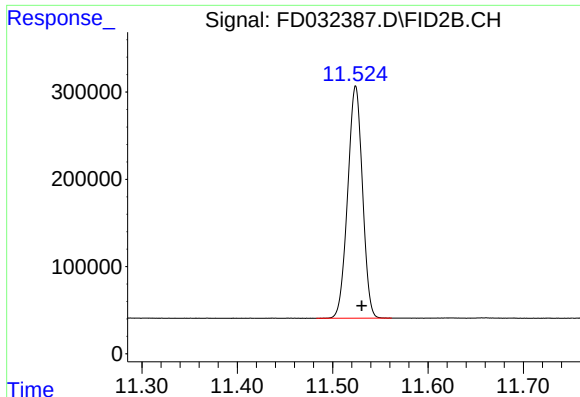
#7 n-Hexadecane (C16)

R.T.: 9.776 min
Delta R.T.: -0.005 min
Response: 2708343
Conc: 19.66 ug/ml



#8 n-Octadecane (C18)

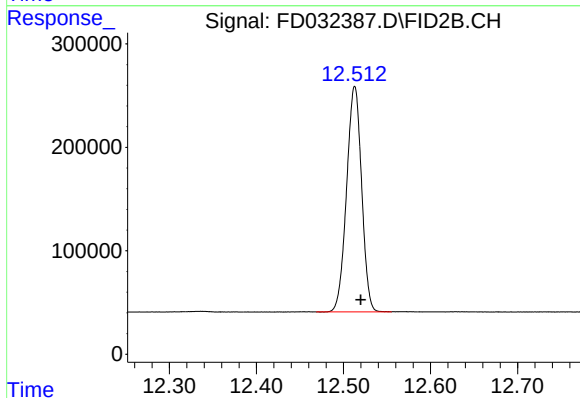
R.T.: 11.210 min
Delta R.T.: -0.006 min
Response: 2674823
Conc: 19.34 ug/ml



#9 ortho-Terphenyl (SURR)

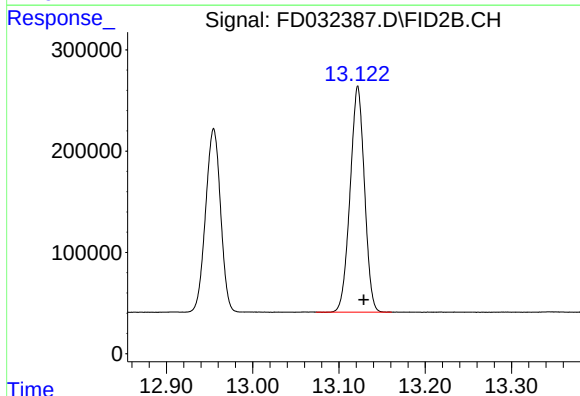
R.T.: 11.524 min
Delta R.T.: -0.006 min
Response: 2871636
Conc: 18.85 ug/ml

Instrument :
FID_D
ClientSampleId :



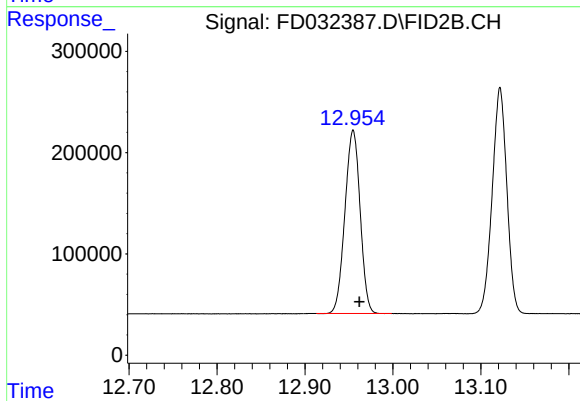
#10 n-Eicosane (C20)

R.T.: 12.513 min
Delta R.T.: -0.007 min
Response: 2614616
Conc: 18.88 ug/ml



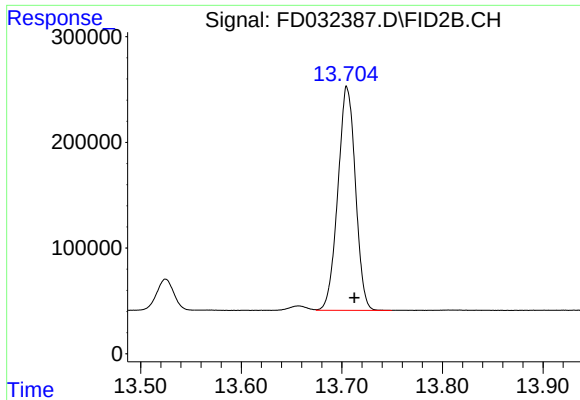
#11 n-Heneicosane (C21)

R.T.: 13.122 min
Delta R.T.: -0.007 min
Response: 2579221
Conc: 18.44 ug/ml



#12 1-chlorooctadecane (SURR)

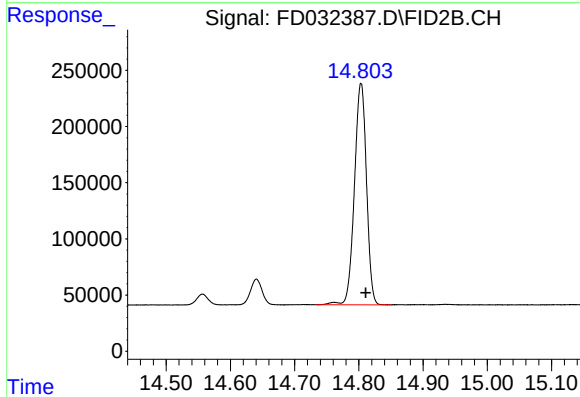
R.T.: 12.955 min
Delta R.T.: -0.007 min
Response: 2177282
Conc: 18.44 ug/ml



#13 n-Docosane (C22)

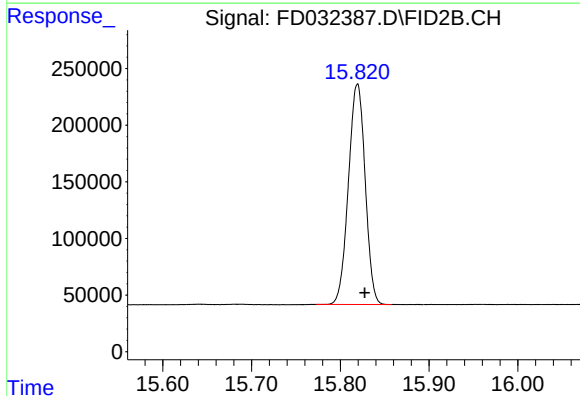
R.T.: 13.705 min
Delta R.T.: -0.007 min
Response: 2569915
Conc: 18.52 ug/ml

Instrument :
FID_D
ClientSampleId :



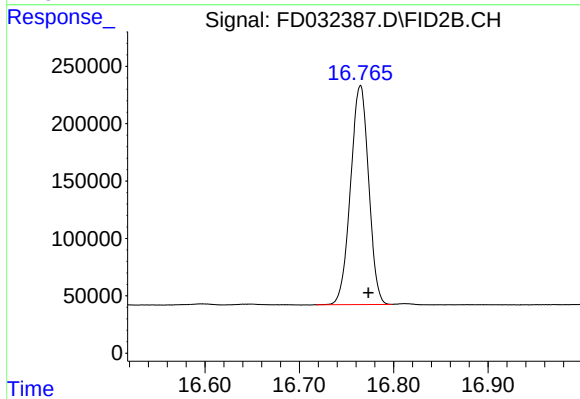
#14 n-Tetracosane (C24)

R.T.: 14.803 min
Delta R.T.: -0.007 min
Response: 2573243
Conc: 18.54 ug/ml



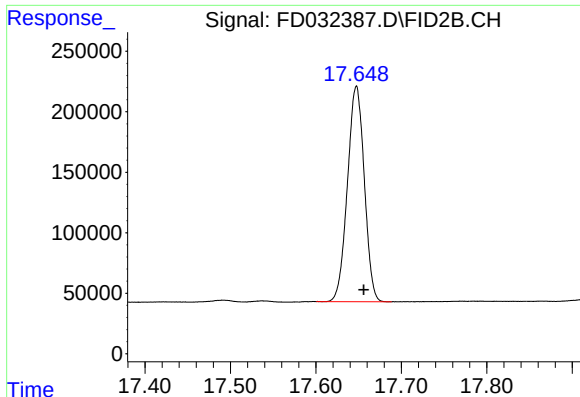
#15 n-Hexacosane (C26)

R.T.: 15.819 min
Delta R.T.: -0.008 min
Response: 2555470
Conc: 18.67 ug/ml



#16 n-Octacosane (C28)

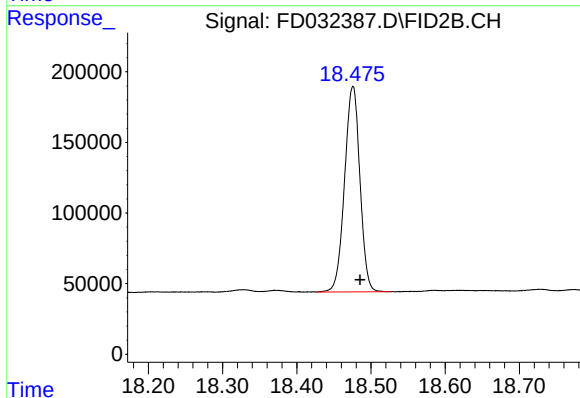
R.T.: 16.765 min
Delta R.T.: -0.009 min
Response: 2541559
Conc: 18.96 ug/ml



#17 n-Tricontane (C30)

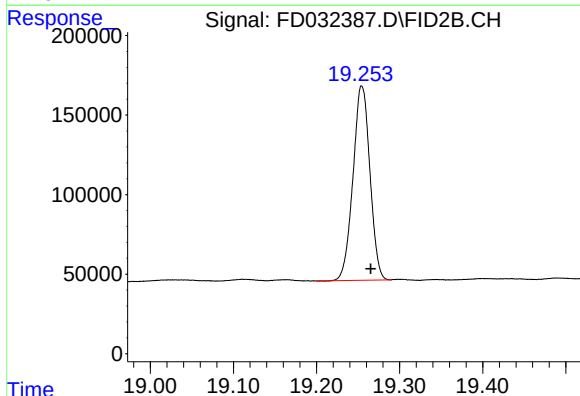
R.T.: 17.647 min
Delta R.T.: -0.009 min
Response: 2444740
Conc: 19.00 ug/ml

Instrument :
FID_D
ClientSampleId :



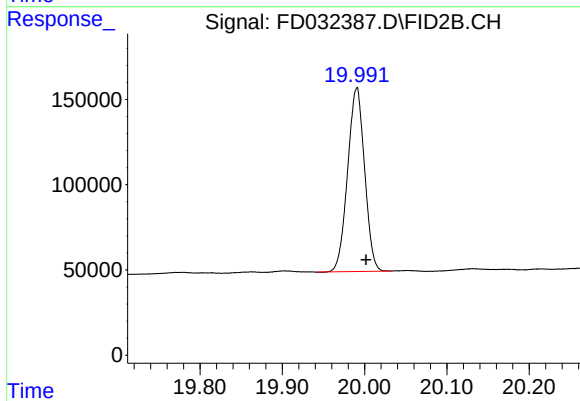
#18 n-Dotriacontane (C32)

R.T.: 18.476 min
Delta R.T.: -0.009 min
Response: 2091285
Conc: 18.78 ug/ml



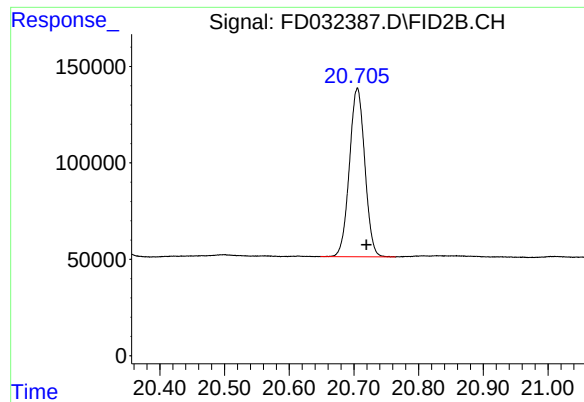
#19 n-Tetratriacontane (C34)

R.T.: 19.254 min
Delta R.T.: -0.011 min
Response: 1726367
Conc: 18.68 ug/ml



#20 n-Hexatriacontane (C36)

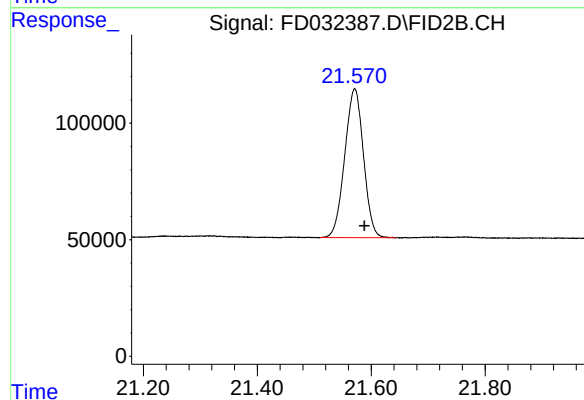
R.T.: 19.991 min
Delta R.T.: -0.011 min
Response: 1543834
Conc: 17.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.705 min
Delta R.T.: -0.014 min
Response: 1445629
Conc: 18.75 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.571 min
Delta R.T.: -0.017 min
Response: 1460032
Conc: 16.49 ug/ml