

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022120AL\
 Data File : FD032383.D
 Signal(s) : FID2B.CH
 Acq On : 22 Feb 2020 2:26
 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 03:25:57 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	2841706	18.649 ug/ml
Spiked Amount 50.000		Recovery =	37.30%
12) S 1-chlorooctadecane (S...	12.955	2159979	18.294 ug/ml
Spiked Amount 50.000		Recovery =	36.59%
Target Compounds			
1) T n-Nonane (C9)	3.329	2647733	19.567 ug/ml
2) T n-Decane (C10)	4.390	2697593	19.918 ug/ml
3) T A~Naphthalene (C11.7)	5.966	2995284	19.617 ug/ml
4) T n-Dodecane (C12)	6.398	2719317	19.879 ug/ml
5) T A~2-methylnaphthalene...	7.016	3007765	19.562 ug/ml
6) T n-Tetradecane (C14)	8.183	2707797	19.621 ug/ml
7) T n-Hexadecane (C16)	9.775	2682275	19.468 ug/ml
8) T n-Octadecane (C18)	11.210	2646644	19.133 ug/ml
10) T n-Eicosane (C20)	12.513	2586596	18.676 ug/ml
11) T n-Heneicosane (C21)	13.122	2558572	18.297 ug/ml
13) T n-Docosane (C22)	13.706	2543568	18.335 ug/ml
14) T n-Tetracosane (C24)	14.803	2540760	18.302 ug/ml
15) T n-Hexacosane (C26)	15.819	2513460	18.363 ug/ml
16) T n-Octacosane (C28)	16.764	2489742	18.570 ug/ml
17) T n-Tricontane (C30)	17.647	2392217	18.593 ug/ml
18) T n-Dotriacontane (C32)	18.475	2043935	18.358 ug/ml
19) T n-Tetratriacontane (C34)	19.254	1693814	18.324 ug/ml
20) T n-Hexatriacontane (C36)	19.989	1510694	17.106 ug/ml
21) T n-Octatriacontane (C38)	20.705	1418965	18.403 ug/ml
22) T n-Tetracontane (C40)	21.570	1451552	16.390 ug/ml

(f)=RT Delta > 1/2 Window

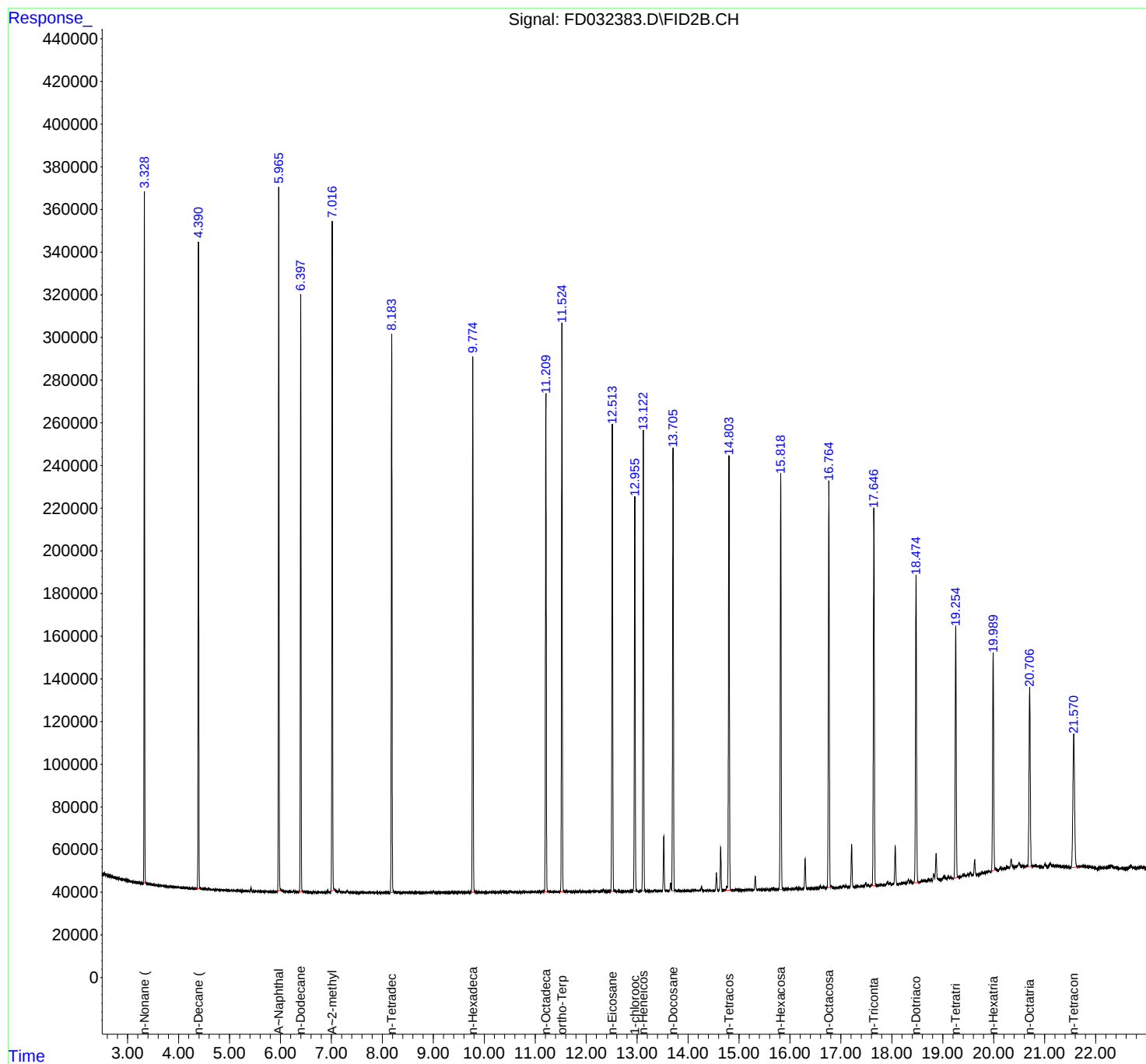
(m)=manual int.

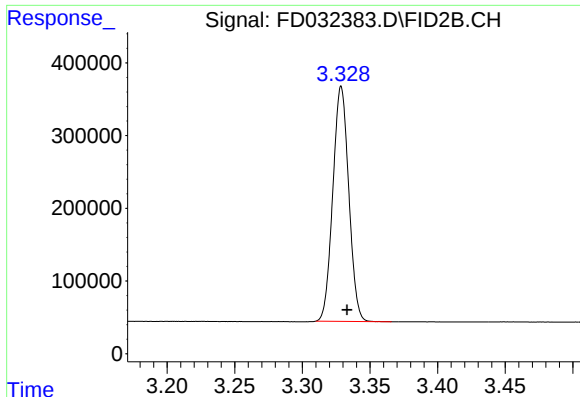
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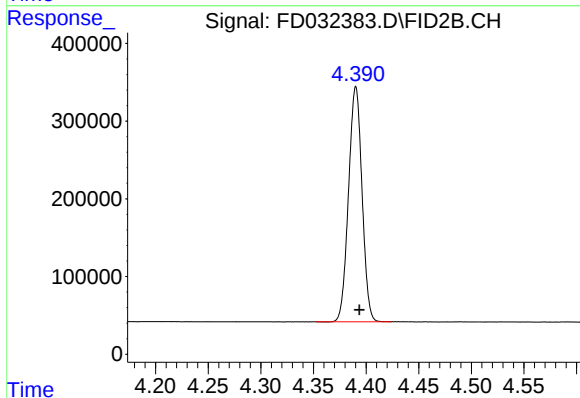




#1 n-Nonane (C9)

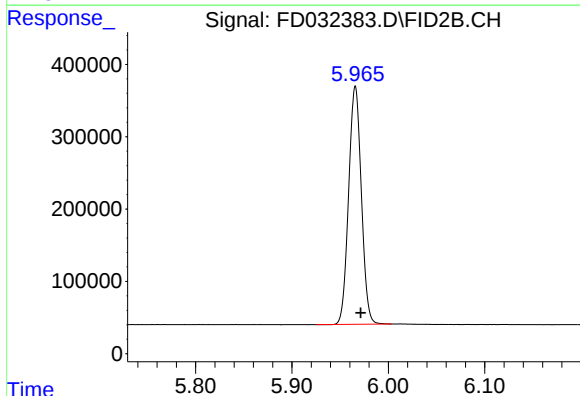
R.T.: 3.329 min
Delta R.T.: -0.004 min
Response: 2647733
Conc: 19.57 ug/ml

Instrument :
FID_D
ClientSampleId :



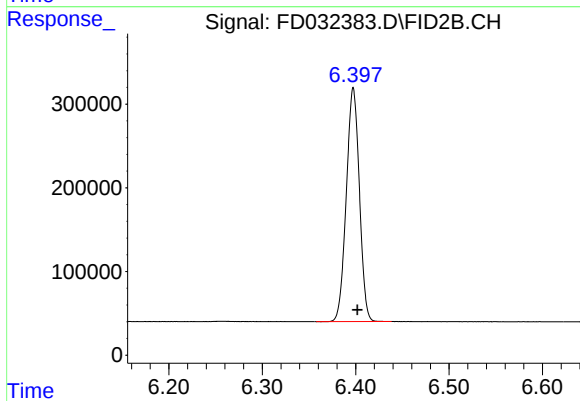
#2 n-Decane (C10)

R.T.: 4.390 min
Delta R.T.: -0.003 min
Response: 2697593
Conc: 19.92 ug/ml



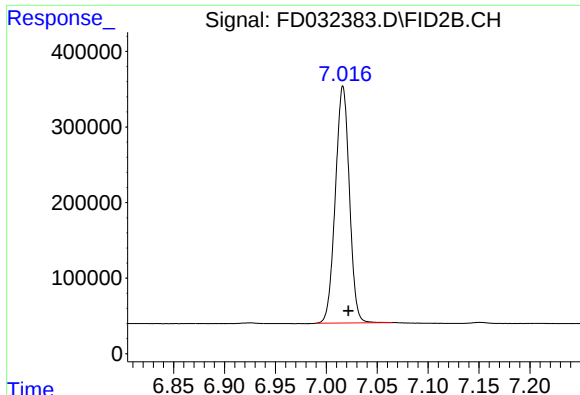
#3 A~Naphthalene (C11.7)

R.T.: 5.966 min
Delta R.T.: -0.006 min
Response: 2995284
Conc: 19.62 ug/ml



#4 n-Dodecane (C12)

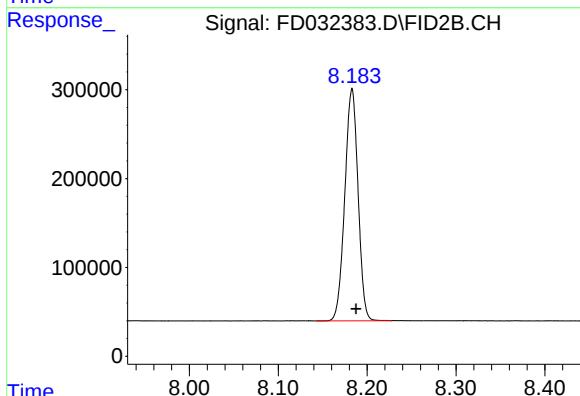
R.T.: 6.398 min
Delta R.T.: -0.004 min
Response: 2719317
Conc: 19.88 ug/ml



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

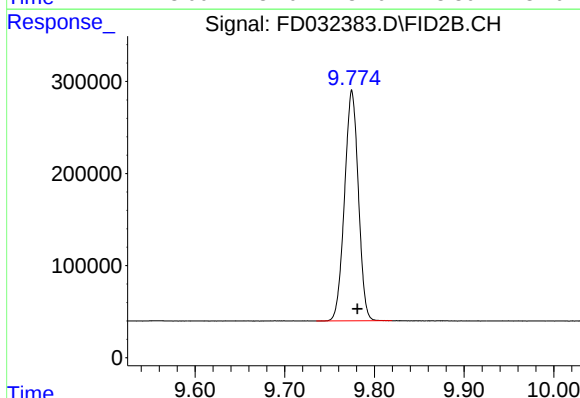
R.T.: 7.016 min
Delta R.T.: -0.005 min
Response: 3007765
Conc: 19.56 ug/ml

Instrument :
FID_D
ClientSampleId :



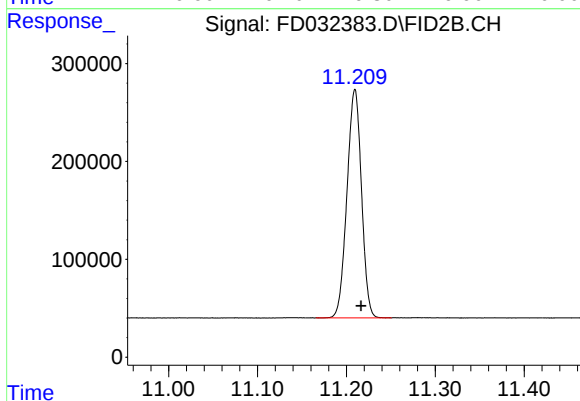
#6 n-Tetradecane (C14)

R.T.: 8.183 min
Delta R.T.: -0.005 min
Response: 2707797
Conc: 19.62 ug/ml



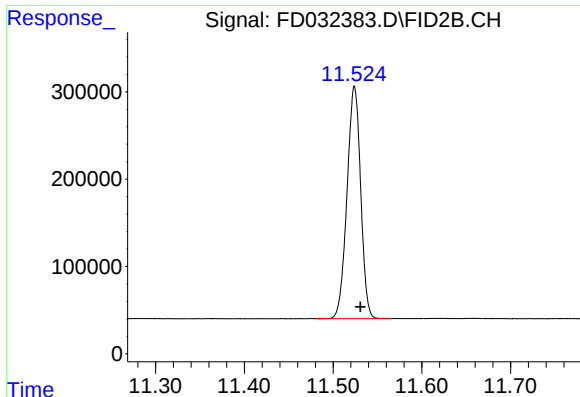
#7 n-Hexadecane (C16)

R.T.: 9.775 min
Delta R.T.: -0.006 min
Response: 2682275
Conc: 19.47 ug/ml



#8 n-Octadecane (C18)

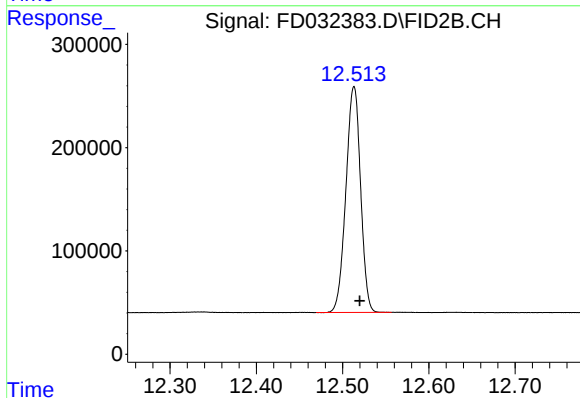
R.T.: 11.210 min
Delta R.T.: -0.007 min
Response: 2646644
Conc: 19.13 ug/ml



#9 ortho-Terphenyl (SURR)

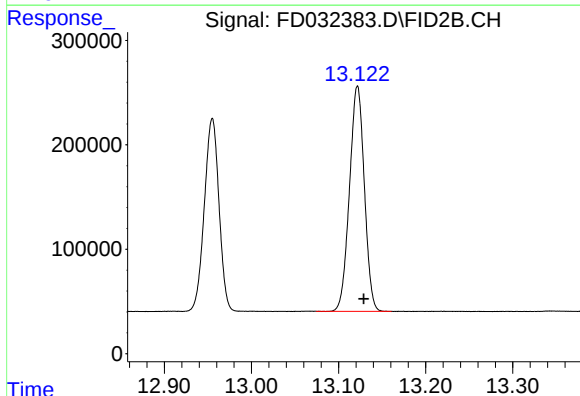
R.T.: 11.524 min
Delta R.T.: -0.006 min
Response: 2841706
Conc: 18.65 ug/ml

Instrument :
FID_D
ClientSampleId :



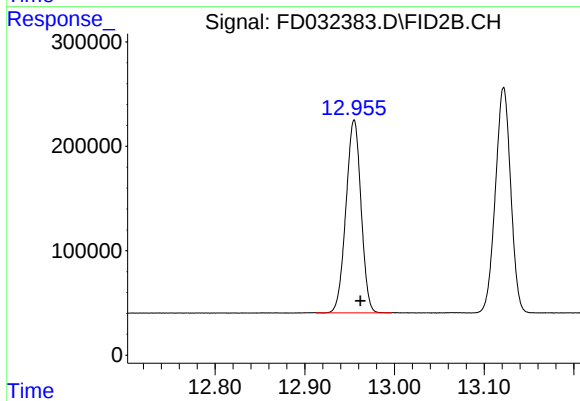
#10 n-Eicosane (C20)

R.T.: 12.513 min
Delta R.T.: -0.007 min
Response: 2586596
Conc: 18.68 ug/ml



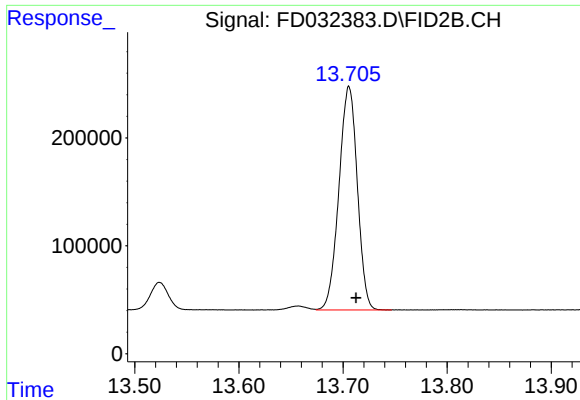
#11 n-Heneicosane (C21)

R.T.: 13.122 min
Delta R.T.: -0.007 min
Response: 2558572
Conc: 18.30 ug/ml



#12 1-chlorooctadecane (SURR)

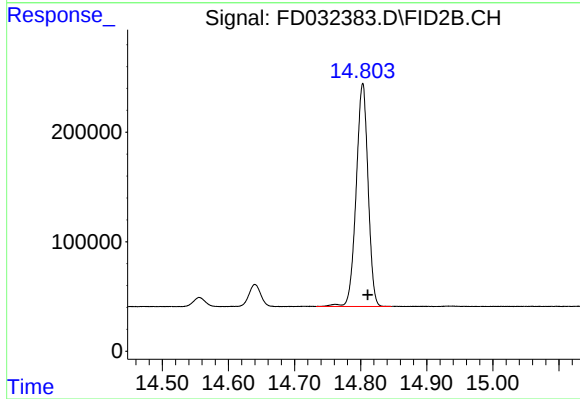
R.T.: 12.955 min
Delta R.T.: -0.007 min
Response: 2159979
Conc: 18.29 ug/ml



#13 n-Docosane (C22)

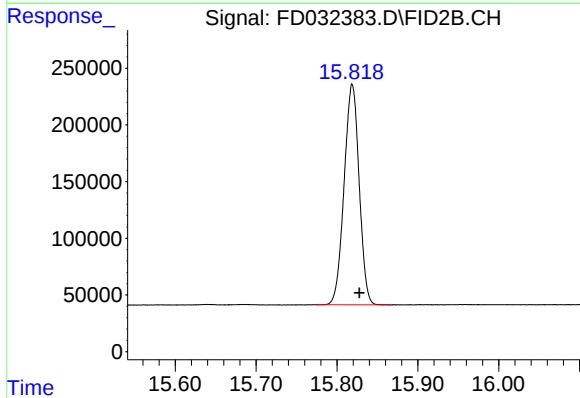
R.T.: 13.706 min
Delta R.T.: -0.007 min
Response: 2543568
Conc: 18.33 ug/ml

Instrument :
FID_D
ClientSampleId :



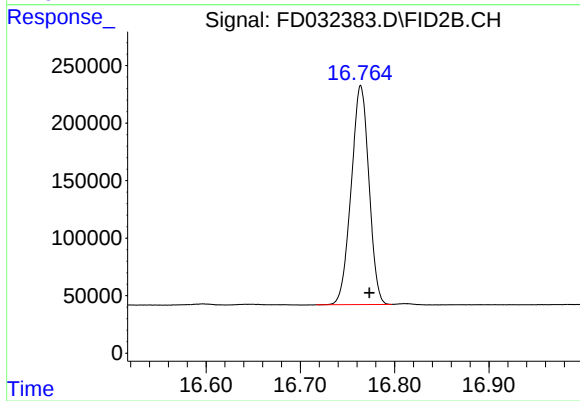
#14 n-Tetracosane (C24)

R.T.: 14.803 min
Delta R.T.: -0.008 min
Response: 2540760
Conc: 18.30 ug/ml



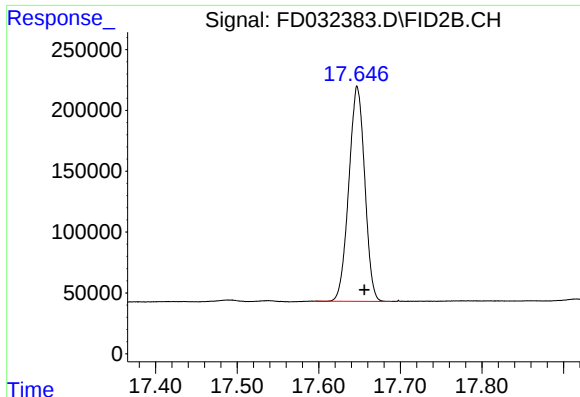
#15 n-Hexacosane (C26)

R.T.: 15.819 min
Delta R.T.: -0.009 min
Response: 2513460
Conc: 18.36 ug/ml



#16 n-Octacosane (C28)

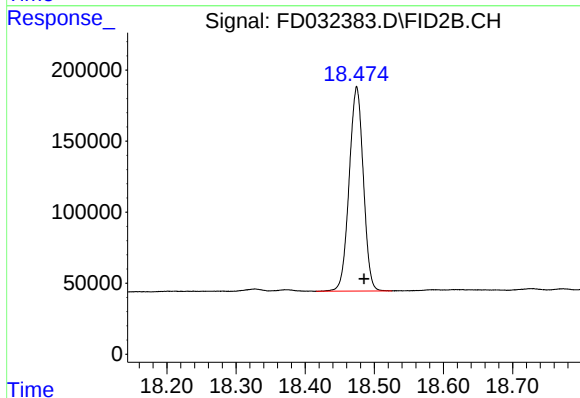
R.T.: 16.764 min
Delta R.T.: -0.009 min
Response: 2489742
Conc: 18.57 ug/ml



#17 n-Tricontane (C30)

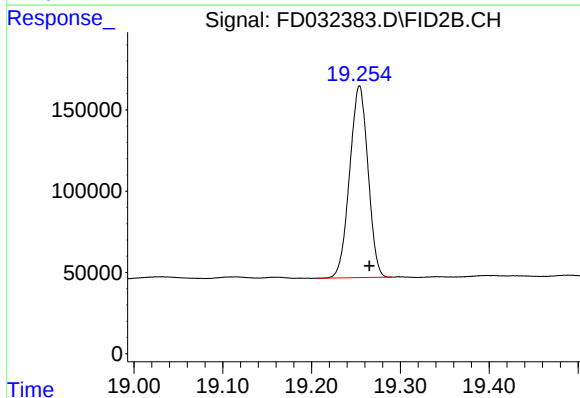
R.T.: 17.647 min
Delta R.T.: -0.009 min
Response: 2392217
Conc: 18.59 ug/ml

Instrument :
FID_D
ClientSampleId :



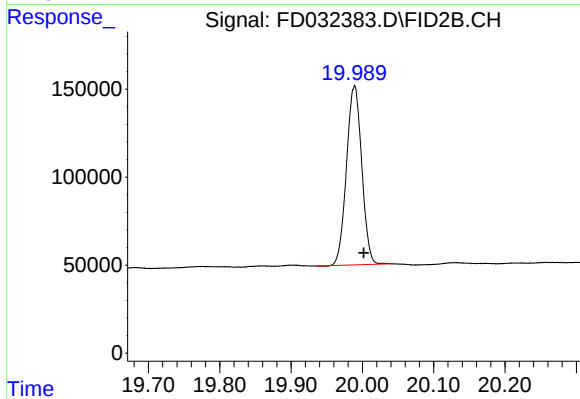
#18 n-Dotriacontane (C32)

R.T.: 18.475 min
Delta R.T.: -0.011 min
Response: 2043935
Conc: 18.36 ug/ml



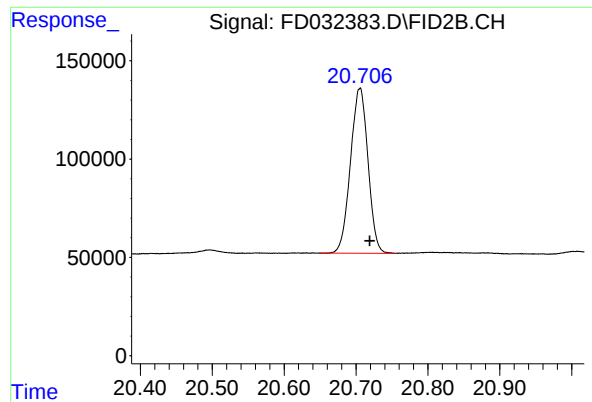
#19 n-Tetratriacontane (C34)

R.T.: 19.254 min
Delta R.T.: -0.011 min
Response: 1693814
Conc: 18.32 ug/ml



#20 n-Hexatriacontane (C36)

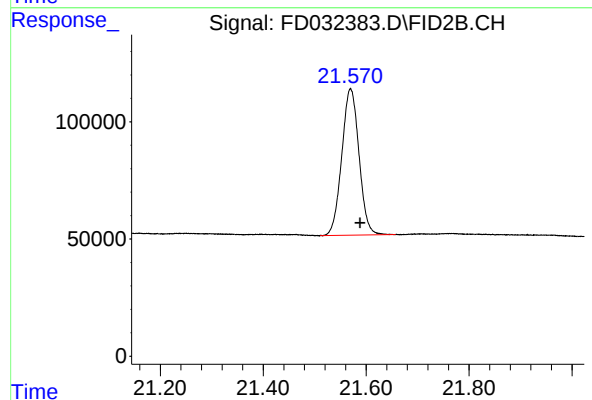
R.T.: 19.989 min
Delta R.T.: -0.013 min
Response: 1510694
Conc: 17.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.705 min
Delta R.T.: -0.014 min
Response: 1418965
Conc: 18.40 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.570 min
Delta R.T.: -0.018 min
Response: 1451552
Conc: 16.39 ug/ml