

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020222AL\
 Data File : FD040864.D
 Signal(s) : FID2B.CH
 Acq On : 02 Feb 2022 21:03
 Operator : AJ\MA
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 02 23:07:31 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 020222.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 02 23:07:01 2022
 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)	10.608	13956029	94.358 ug/ml
Spiked Amount 50.000		Recovery =	188.72%
12) S 1-chlorooctadecane (S...	12.043	10572980	94.833 ug/ml
Spiked Amount 50.000		Recovery =	189.67%
Target Compounds			
1) T n-Nonane (C9)	2.564	12031863	95.321 ug/ml
2) T n-Decane (C10)	3.548	12167914	95.463 ug/ml
3) T A~Naphthalene (C11.7)	5.077	13532866	97.896 ug/ml
4) T n-Dodecane (C12)	5.514	12224632	95.418 ug/ml
5) T A~2-methylnaphthalene...	6.117	13630395	98.028 ug/ml
6) T n-Tetradecane (C14)	7.289	12403521	95.325 ug/ml
7) T n-Hexadecane (C16)	8.876	12349598	94.884 ug/ml
8) T n-Octadecane (C18)	10.308	12478525	94.340 ug/ml
10) T n-Eicosane (C20)	11.606	12180679	94.031 ug/ml
11) T n-Heneicosane (C21)	12.214	12223497	94.213 ug/ml
13) T n-Docosane (C22)	12.797	12036236	94.110 ug/ml
14) T n-Tetracosane (C24)	13.892	11909341	93.964 ug/ml
15) T n-Hexacosane (C26)	14.906	11554024	94.053 ug/ml
16) T n-Octacosane (C28)	15.850	11354799	93.871 ug/ml
17) T n-Tricontane (C30)	16.733	10962256	93.930 ug/ml
18) T n-Dotriacontane (C32)	17.560	10112100	93.641 ug/ml
19) T n-Tetratriacontane (C34)	18.340	9454954	94.922 ug/ml
20) T n-Hexatriacontane (C36)	19.075	8692100	94.957 ug/ml
21) T n-Octatriacontane (C38)	19.772	8284093	97.921 ug/ml
22) T n-Tetracontane (C40)	20.563	8303920	98.201 ug/ml

(f)=RT Delta > 1/2 Window

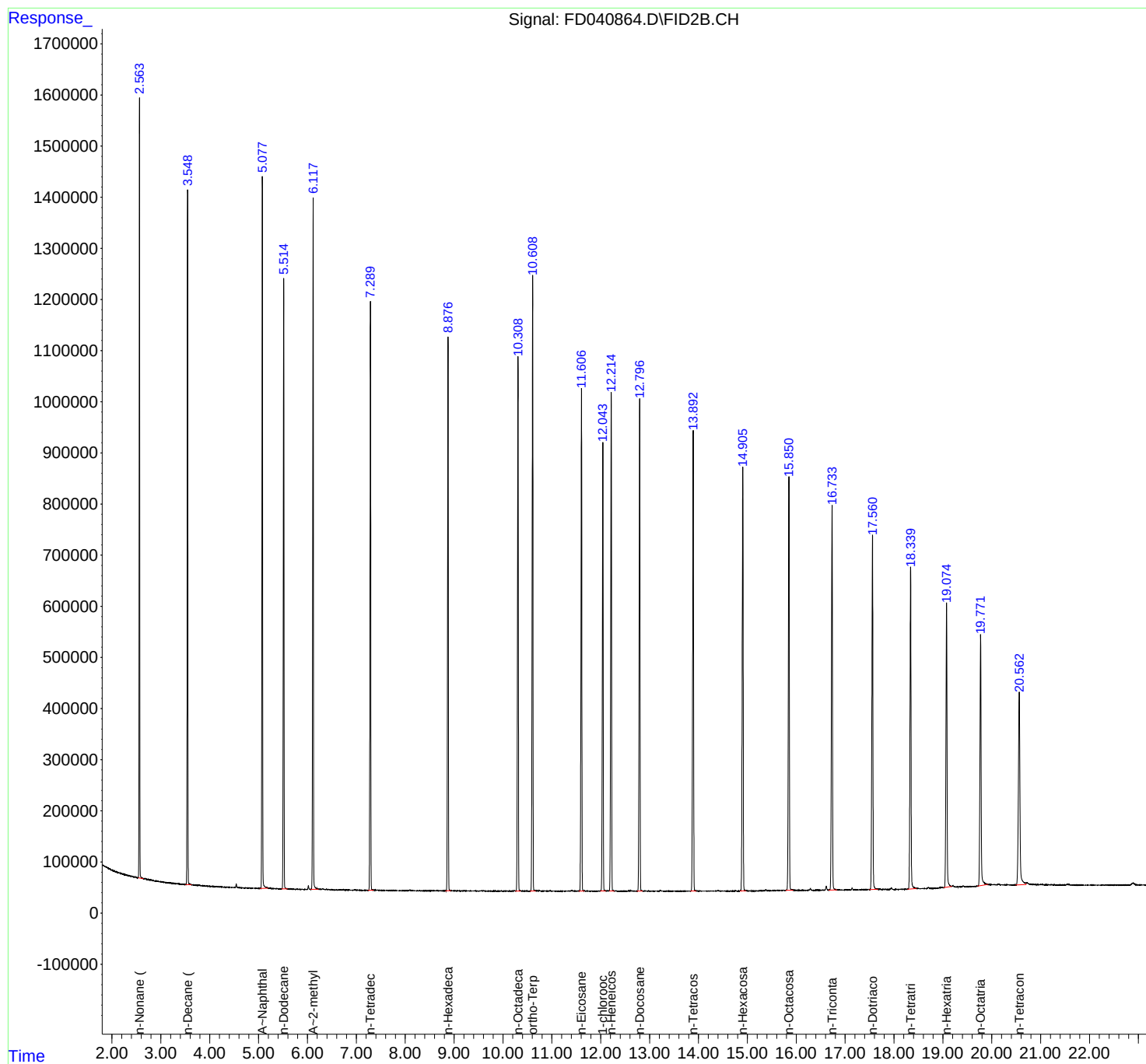
(m)=manual int.

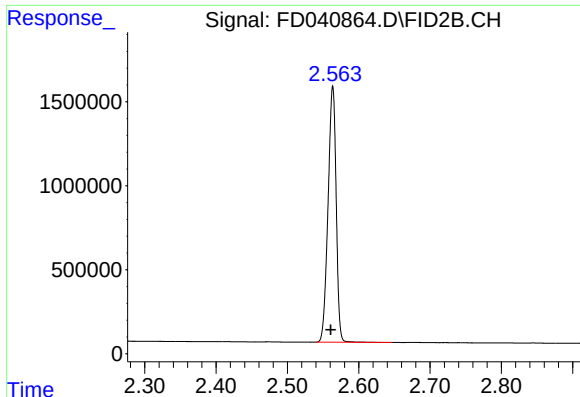
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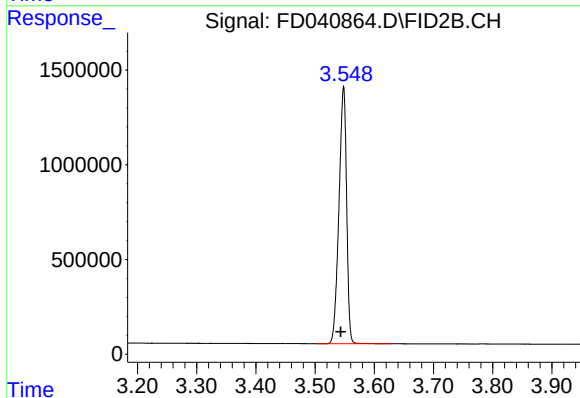




#1 n-Nonane (C9)

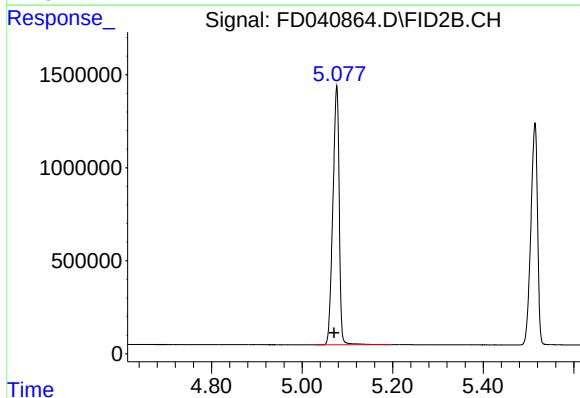
R.T.: 2.564 min
Delta R.T.: 0.003 min
Response: 12031863
Conc: 95.32 ug/ml

Instrument :
FID_D
ClientSampleId :



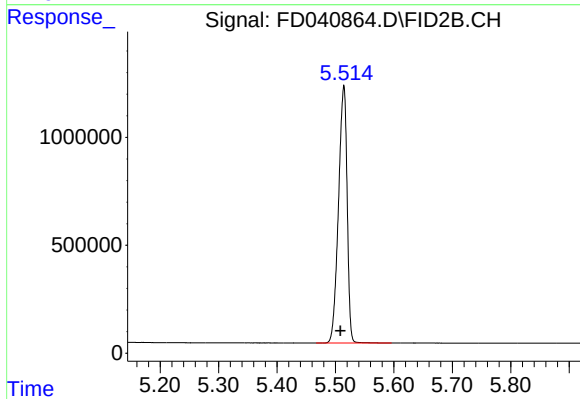
#2 n-Decane (C10)

R.T.: 3.548 min
Delta R.T.: 0.005 min
Response: 12167914
Conc: 95.46 ug/ml



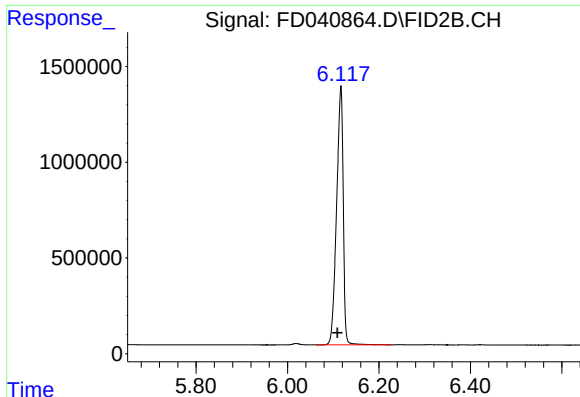
#3 A~Naphthalene (C11.7)

R.T.: 5.077 min
Delta R.T.: 0.006 min
Response: 13532866
Conc: 97.90 ug/ml



#4 n-Dodecane (C12)

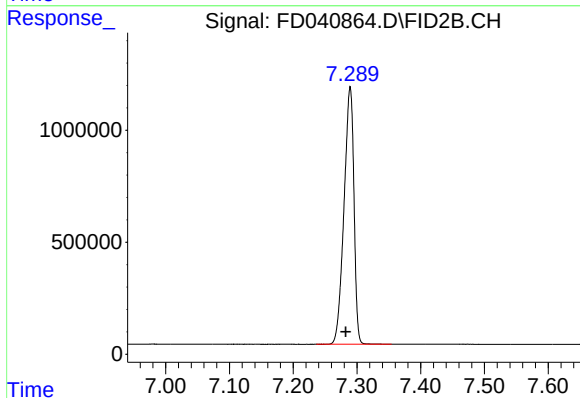
R.T.: 5.514 min
Delta R.T.: 0.006 min
Response: 12224632
Conc: 95.42 ug/ml



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

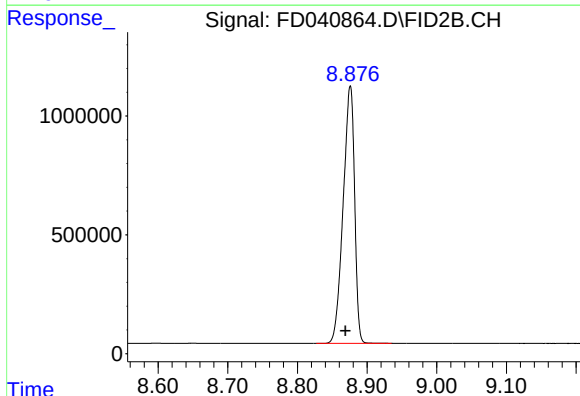
R.T.: 6.117 min
Delta R.T.: 0.008 min
Response: 13630395
Conc: 98.03 ug/ml

Instrument :
FID_D
ClientSampleId :



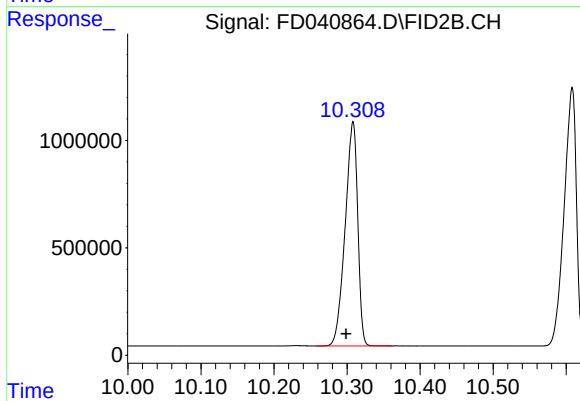
#6 n-Tetradecane (C14)

R.T.: 7.289 min
Delta R.T.: 0.007 min
Response: 12403521
Conc: 95.33 ug/ml



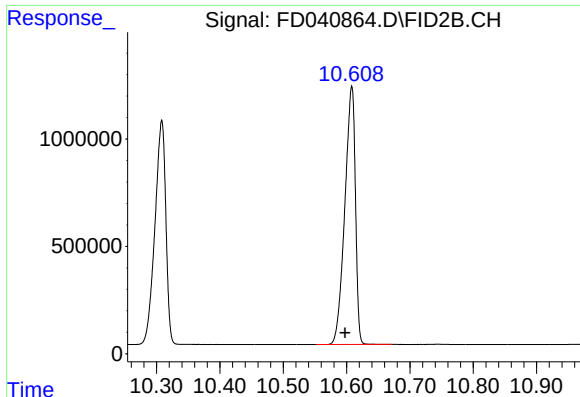
#7 n-Hexadecane (C16)

R.T.: 8.876 min
Delta R.T.: 0.007 min
Response: 12349598
Conc: 94.88 ug/ml



#8 n-Octadecane (C18)

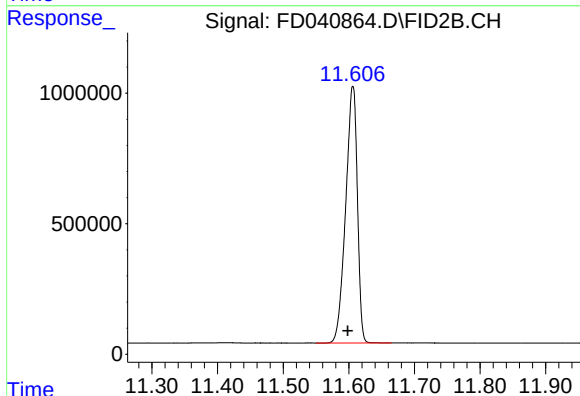
R.T.: 10.308 min
Delta R.T.: 0.009 min
Response: 12478525
Conc: 94.34 ug/ml



#9 ortho-Terphenyl (SURR)

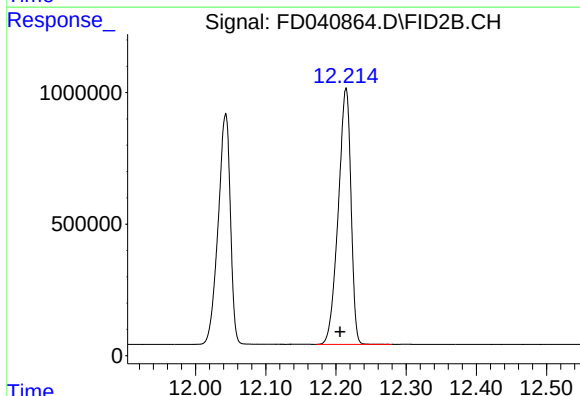
R.T.: 10.608 min
Delta R.T.: 0.011 min
Response: 13956029
Conc: 94.36 ug/ml

Instrument :
FID_D
ClientSampleId :



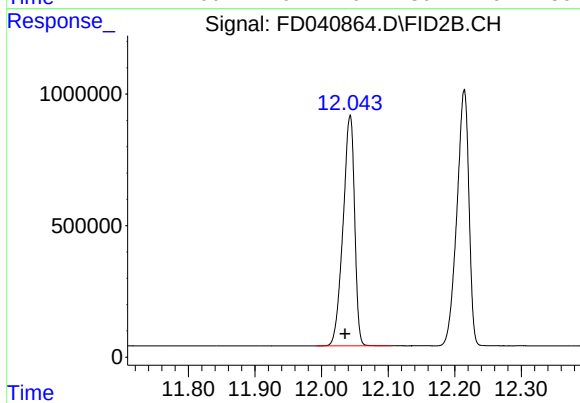
#10 n-Eicosane (C20)

R.T.: 11.606 min
Delta R.T.: 0.008 min
Response: 12180679
Conc: 94.03 ug/ml



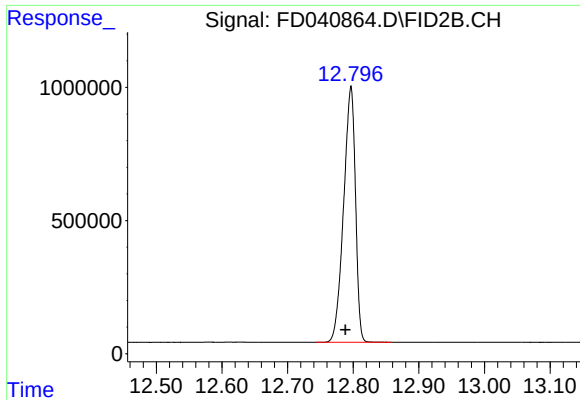
#11 n-Heneicosane (C21)

R.T.: 12.214 min
Delta R.T.: 0.009 min
Response: 12223497
Conc: 94.21 ug/ml



#12 1-chlorooctadecane (SURR)

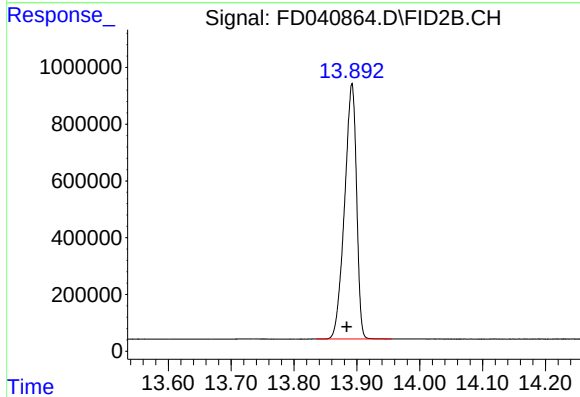
R.T.: 12.043 min
Delta R.T.: 0.007 min
Response: 10572980
Conc: 94.83 ug/ml



#13 n-Docosane (C22)

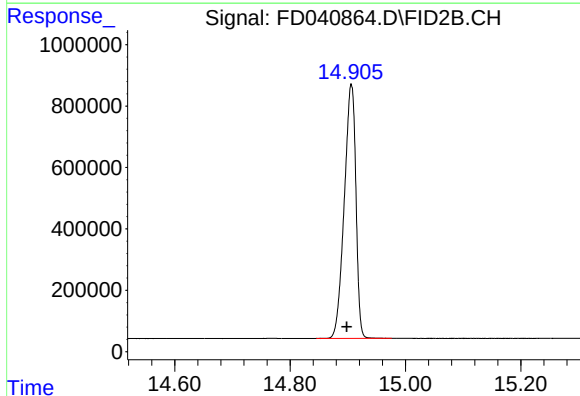
R.T.: 12.797 min
Delta R.T.: 0.009 min
Response: 12036236
Conc: 94.11 ug/ml

Instrument :
FID_D
ClientSampleId :



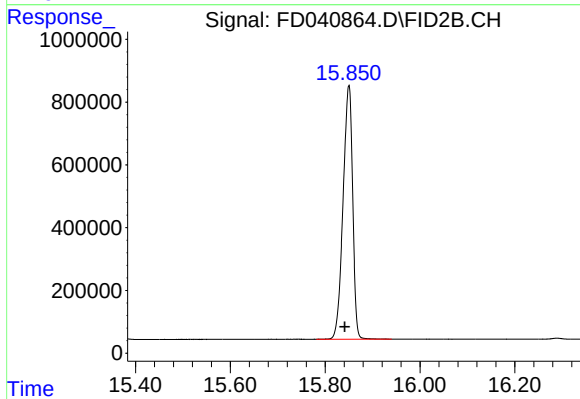
#14 n-Tetracosane (C24)

R.T.: 13.892 min
Delta R.T.: 0.008 min
Response: 11909341
Conc: 93.96 ug/ml



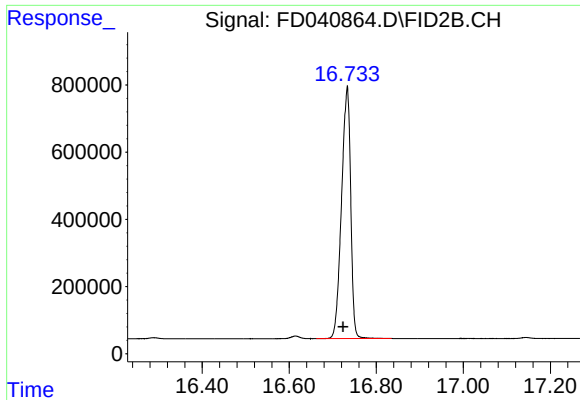
#15 n-Hexacosane (C26)

R.T.: 14.906 min
Delta R.T.: 0.008 min
Response: 11554024
Conc: 94.05 ug/ml



#16 n-Octacosane (C28)

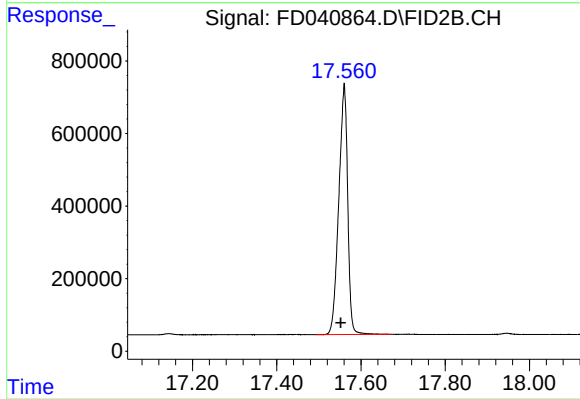
R.T.: 15.850 min
Delta R.T.: 0.009 min
Response: 11354799
Conc: 93.87 ug/ml



#17 n-Tricontane (C30)

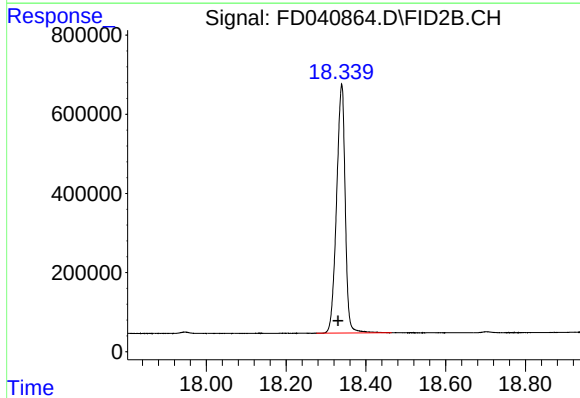
R.T.: 16.733 min
Delta R.T.: 0.010 min
Response: 10962256
Conc: 93.93 ug/ml

Instrument :
FID_D
ClientSampleId :



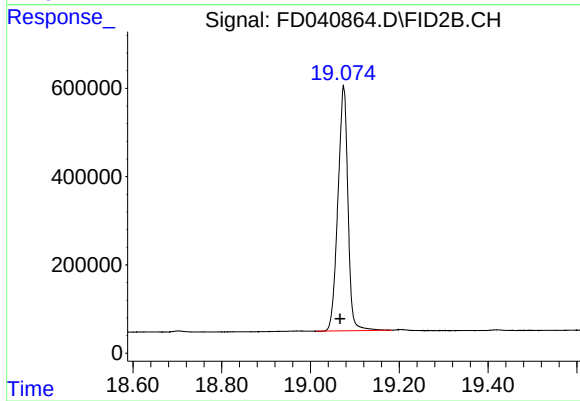
#18 n-Dotriacontane (C32)

R.T.: 17.560 min
Delta R.T.: 0.008 min
Response: 10112100
Conc: 93.64 ug/ml



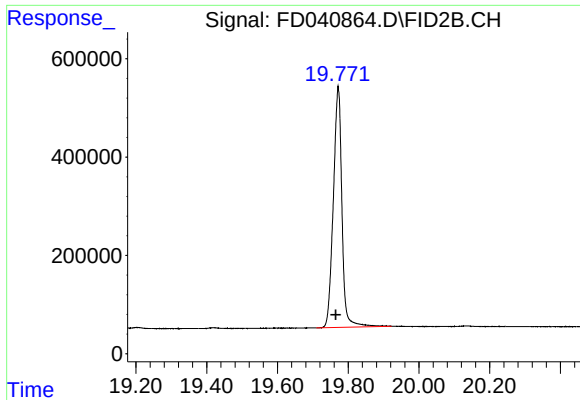
#19 n-Tetratriacontane (C34)

R.T.: 18.340 min
Delta R.T.: 0.009 min
Response: 9454954
Conc: 94.92 ug/ml



#20 n-Hexatriacontane (C36)

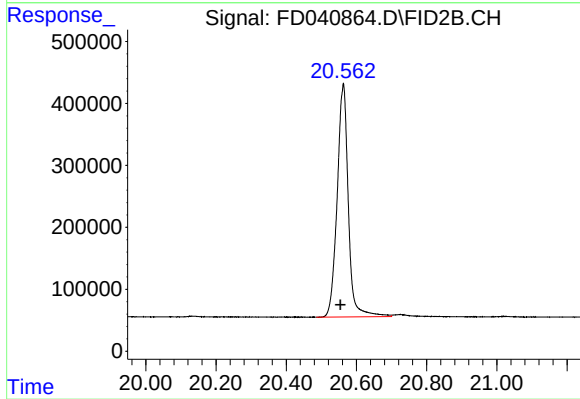
R.T.: 19.075 min
Delta R.T.: 0.008 min
Response: 8692100
Conc: 94.96 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.772 min
Delta R.T.: 0.007 min
Response: 8284093
Conc: 97.92 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.563 min
Delta R.T.: 0.009 min
Response: 8303920
Conc: 98.20 ug/ml