

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121721AL\
 Data File : FD040004.D
 Signal(s) : FID2B.CH
 Acq On : 17 Dec 2021 18:27
 Operator : AJ\MA
 Sample : M5097-01MSD
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: sample.E
 Quant Time: Dec 17 23:44:17 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 121521.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 15 16:44:55 2021
 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)	10.762	6603402	42.063 ug/ml
Spiked Amount 50.000		Recovery =	84.13%
12) S 1-chlorooctadecane (S...	12.195	5134207	41.575 ug/ml
Spiked Amount 50.000		Recovery =	83.15%
Target Compounds			
1) T n-Nonane (C9)	2.664	4106033	29.178 ug/ml
2) T n-Decane (C10)	3.664	4694268	32.912 ug/ml
3) T A~Naphthalene (C11.7)	5.211	5845848	36.417 ug/ml
4) T n-Dodecane (C12)	5.643	5145138	36.035 ug/ml
5) T A~2-methylnaphthalene...	6.255	5986407	37.096 ug/ml
6) T n-Tetradecane (C14)	7.427	5716499	39.662 ug/ml
7) T n-Hexadecane (C16)	9.017	6333059	43.533 ug/ml
8) T n-Octadecane (C18)	10.452	6501238	43.690 ug/ml
10) T n-Eicosane (C20)	11.756	6412321	43.845 ug/ml
11) T n-Heneicosane (C21)	12.365	6271735	42.688 ug/ml
13) T n-Docosane (C22)	12.950	6285126	43.041 ug/ml
14) T n-Tetracosane (C24)	14.047	6043364	41.494 ug/ml
15) T n-Hexacosane (C26)	15.066	5851676	41.721 ug/ml
16) T n-Octacosane (C28)	16.011	6029412	44.456 ug/ml
17) T n-Tricontane (C30)	16.897	5882199	45.014 ug/ml
18) T n-Dotriacontane (C32)	17.726	5984945	48.089 ug/ml
19) T n-Tetratriacontane (C34)	18.508	6366263	52.709 ug/ml
20) T n-Hexatriacontane (C36)	19.246	7001158	60.878 ug/ml
21) T n-Octatriacontane (C38)	19.959	7901456	70.788 ug/ml
22) T n-Tetracontane (C40)	20.811	8026304	70.440 ug/ml

(f)=RT Delta > 1/2 Window

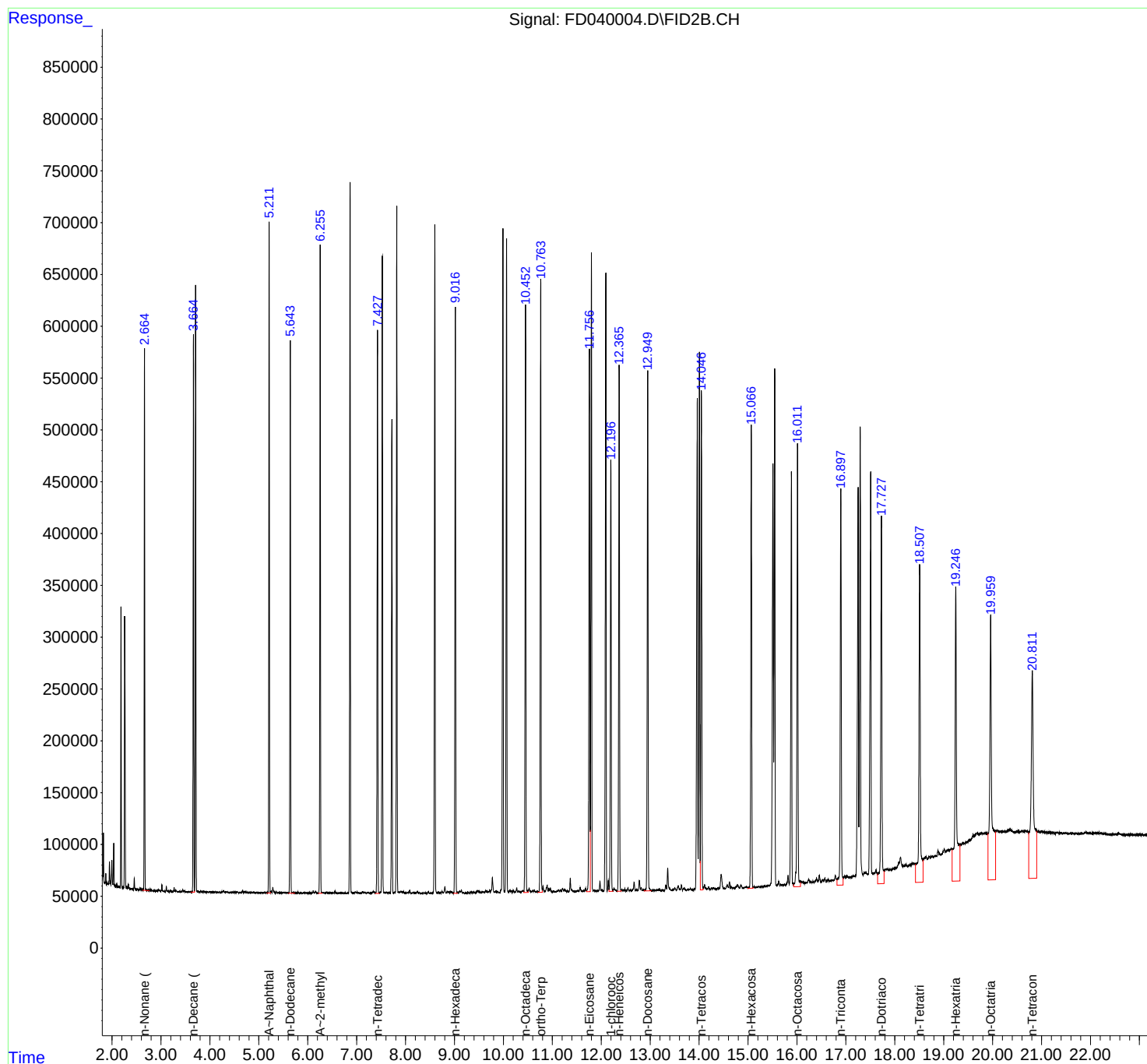
(m)=manual int.

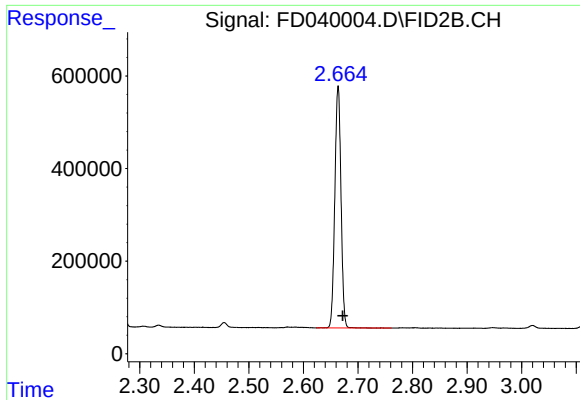
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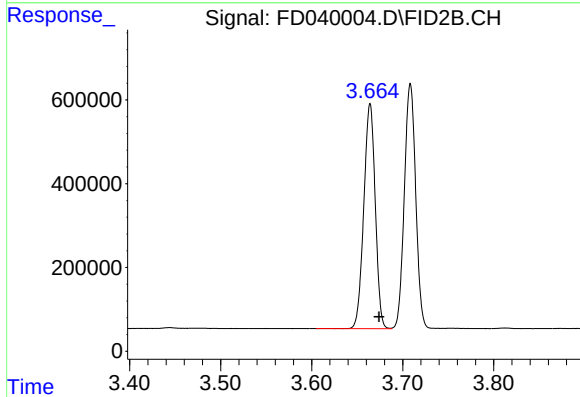




#1 n-Nonane (C9)

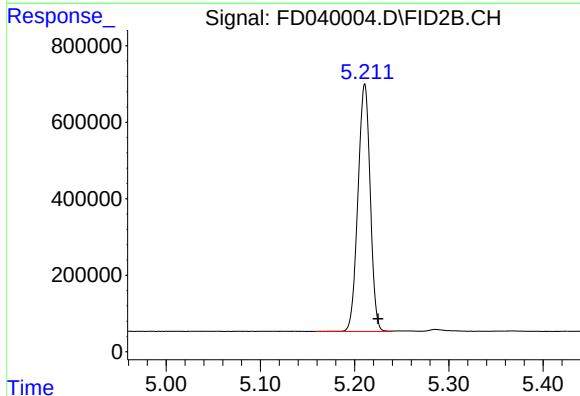
R.T.: 2.664 min
Delta R.T.: -0.008 min
Response: 4106033
Conc: 29.18 ug/ml

Instrument :
FID_D
ClientSampleId :



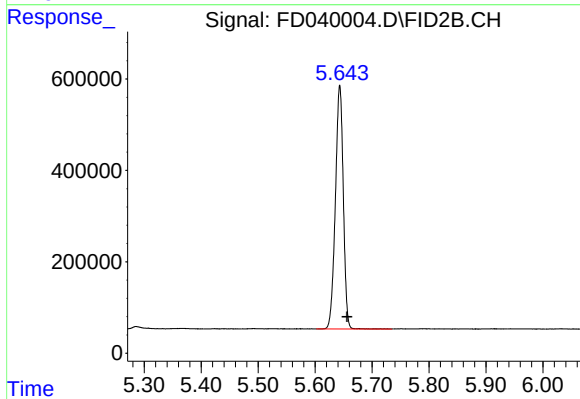
#2 n-Decane (C10)

R.T.: 3.664 min
Delta R.T.: -0.010 min
Response: 4694268
Conc: 32.91 ug/ml



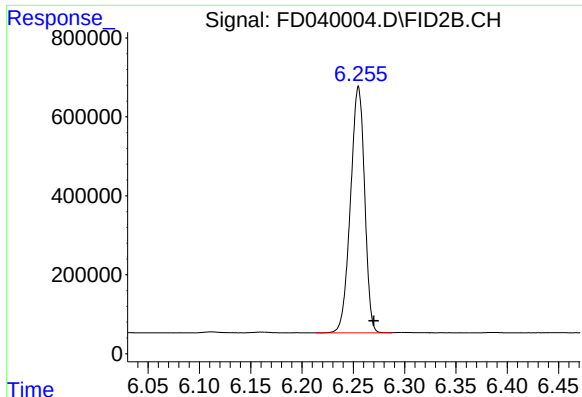
#3 A~Naphthalene (C11.7)

R.T.: 5.211 min
Delta R.T.: -0.014 min
Response: 5845848
Conc: 36.42 ug/ml



#4 n-Dodecane (C12)

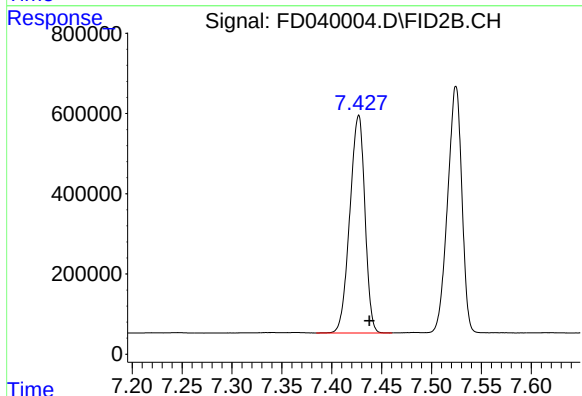
R.T.: 5.643 min
Delta R.T.: -0.013 min
Response: 5145138
Conc: 36.03 ug/ml



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

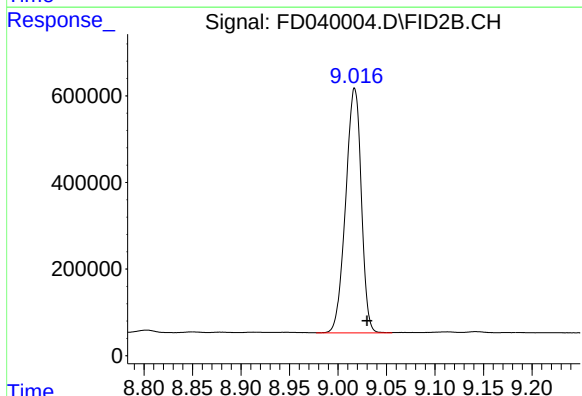
R.T.: 6.255 min
Delta R.T.: -0.015 min
Response: 5986407
Conc: 37.10 ug/ml

Instrument :
FID_D
ClientSampleId :



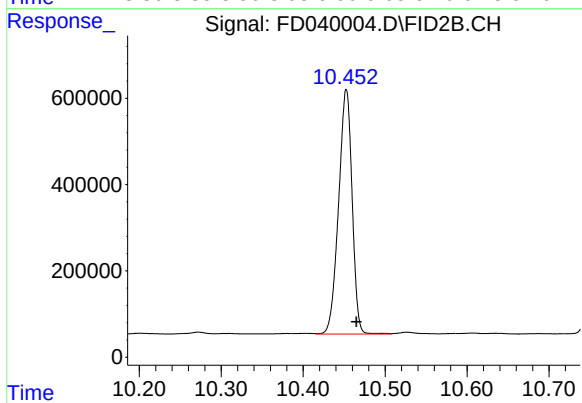
#6 n-Tetradecane (C14)

R.T.: 7.427 min
Delta R.T.: -0.011 min
Response: 5716499
Conc: 39.66 ug/ml



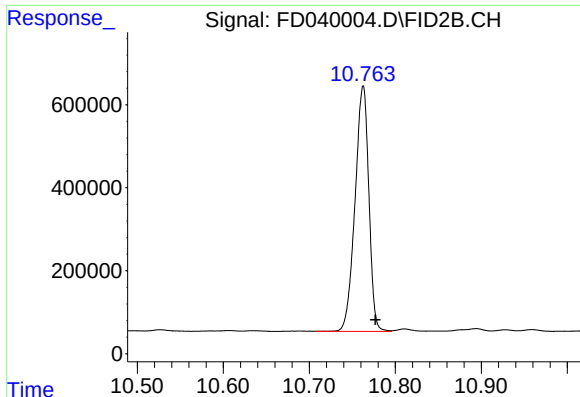
#7 n-Hexadecane (C16)

R.T.: 9.017 min
Delta R.T.: -0.013 min
Response: 6333059
Conc: 43.53 ug/ml



#8 n-Octadecane (C18)

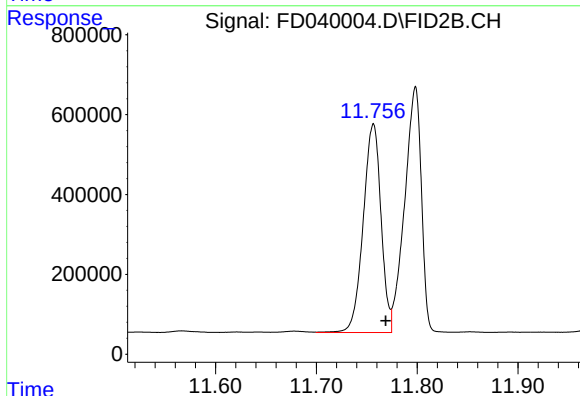
R.T.: 10.452 min
Delta R.T.: -0.013 min
Response: 6501238
Conc: 43.69 ug/ml



#9 ortho-Terphenyl (SURR)

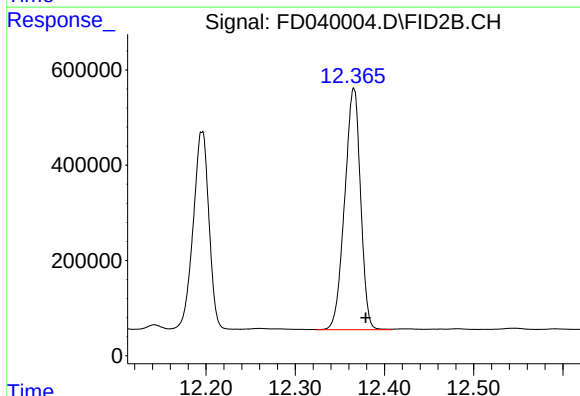
R.T.: 10.762 min
Delta R.T.: -0.015 min
Response: 6603402
Conc: 42.06 ug/ml

Instrument :
FID_D
ClientSampleId :



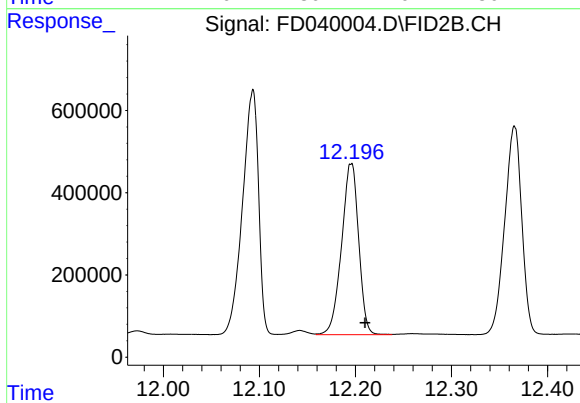
#10 n-Eicosane (C20)

R.T.: 11.756 min
Delta R.T.: -0.013 min
Response: 6412321
Conc: 43.84 ug/ml



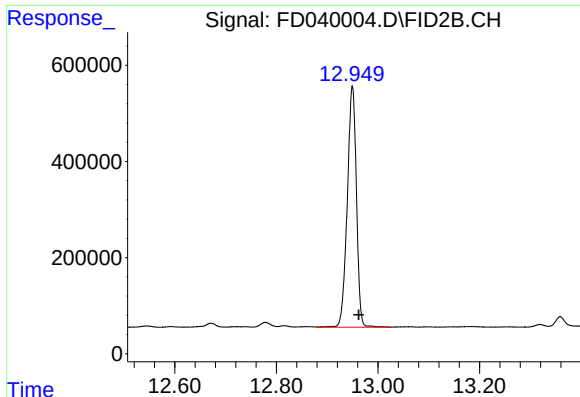
#11 n-Heneicosane (C21)

R.T.: 12.365 min
Delta R.T.: -0.014 min
Response: 6271735
Conc: 42.69 ug/ml



#12 1-chlorooctadecane (SURR)

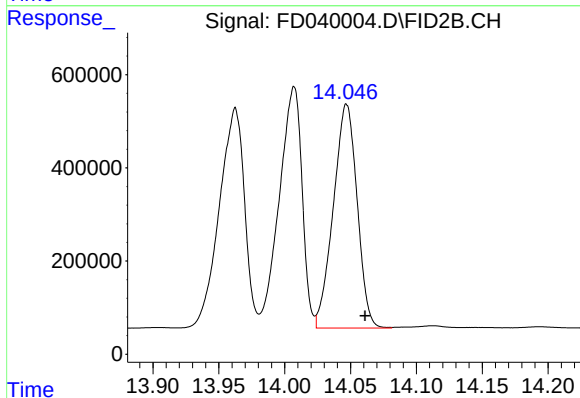
R.T.: 12.195 min
Delta R.T.: -0.015 min
Response: 5134207
Conc: 41.57 ug/ml



#13 n-Docosane (C22)

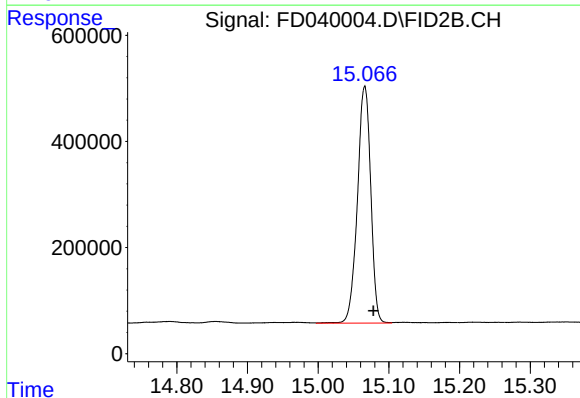
R.T.: 12.950 min
Delta R.T.: -0.012 min
Response: 6285126
Conc: 43.04 ug/ml

Instrument :
FID_D
ClientSampleId :



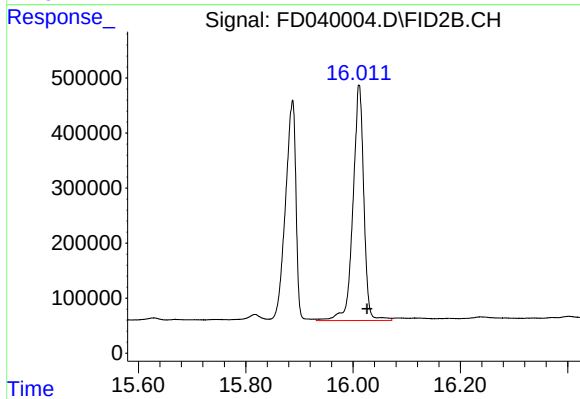
#14 n-Tetracosane (C24)

R.T.: 14.047 min
Delta R.T.: -0.014 min
Response: 6043364
Conc: 41.49 ug/ml



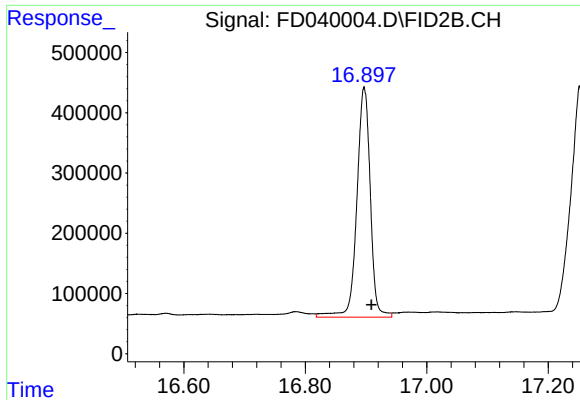
#15 n-Hexacosane (C26)

R.T.: 15.066 min
Delta R.T.: -0.012 min
Response: 5851676
Conc: 41.72 ug/ml



#16 n-Octacosane (C28)

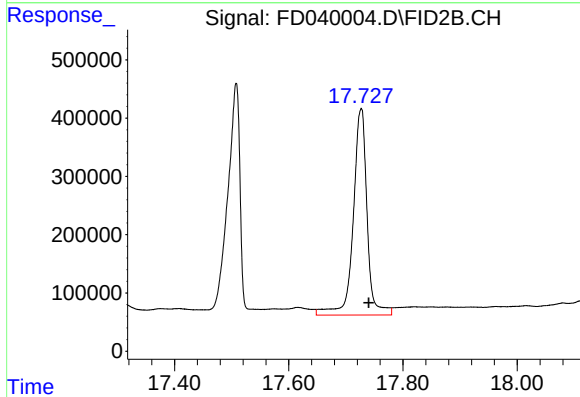
R.T.: 16.011 min
Delta R.T.: -0.015 min
Response: 6029412
Conc: 44.46 ug/ml



#17 n-Tricontane (C30)

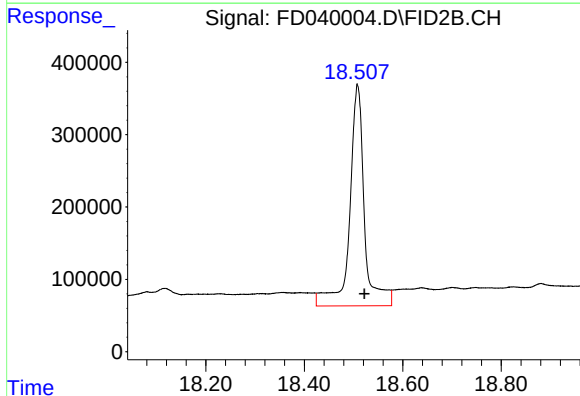
R.T.: 16.897 min
Delta R.T.: -0.012 min
Response: 5882199
Conc: 45.01 ug/ml

Instrument :
FID_D
ClientSampleId :



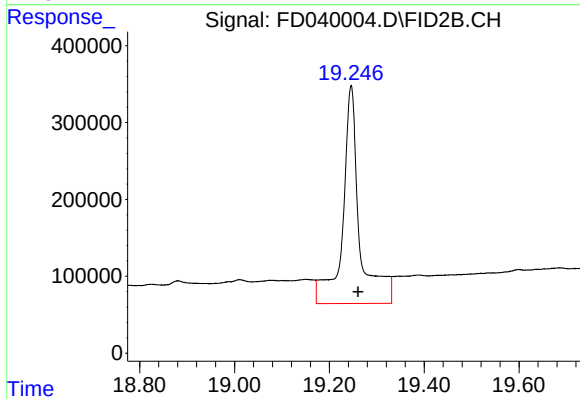
#18 n-Dotriacontane (C32)

R.T.: 17.726 min
Delta R.T.: -0.014 min
Response: 5984945
Conc: 48.09 ug/ml



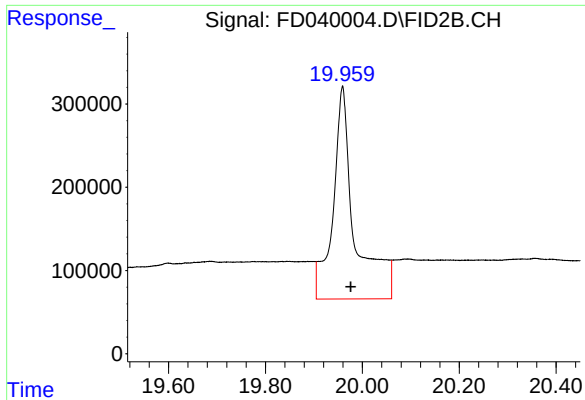
#19 n-Tetratriacontane (C34)

R.T.: 18.508 min
Delta R.T.: -0.014 min
Response: 6366263
Conc: 52.71 ug/ml



#20 n-Hexatriacontane (C36)

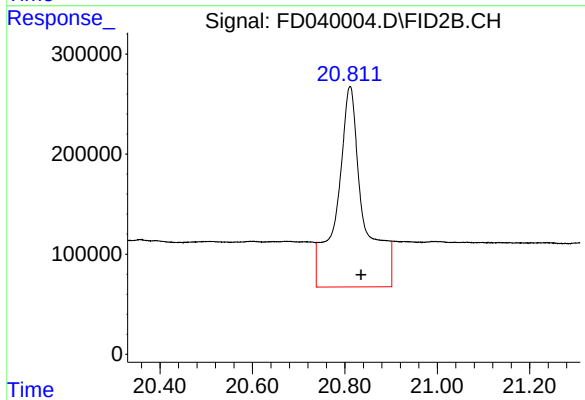
R.T.: 19.246 min
Delta R.T.: -0.015 min
Response: 7001158
Conc: 60.88 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.959 min
Delta R.T.: -0.017 min
Response: 7901456
Conc: 70.79 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.811 min
Delta R.T.: -0.024 min
Response: 8026304
Conc: 70.44 ug/ml