

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122921AL\
 Data File : FD040273.D
 Signal(s) : FID2B.CH
 Acq On : 29 Dec 2021 23:27
 Operator : AJ\MA
 Sample : M5241-03DL 5X
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 30 00:51:07 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 122821.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 29 02:26:30 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)	10.713	4404497	28.273 ug/ml
Spiked Amount 50.000		Recovery =	56.55%
12) S 1-chlorooctadecane (S...	12.150	4157239	34.472 ug/ml
Spiked Amount 50.000		Recovery =	68.94%
Target Compounds			
1) T n-Nonane (C9)	2.663	52386	0.399 ug/ml
2) T n-Decane (C10)	3.593	26450	0.200 ug/ml
3) T A~Naphthalene (C11.7)	5.179	372774	2.526 ug/ml
4) T n-Dodecane (C12)	5.623	115511	0.870 ug/ml
5) T A~2-methylnaphthalene...	6.205	715956	4.825 ug/ml
6) T n-Tetradecane (C14)	7.433	2225849	16.100 ug/ml
7) T n-Hexadecane (C16)	8.975	1764730	12.870 ug/ml
8) T n-Octadecane (C18)	10.428	1272884	9.014 ug/ml
10) T n-Eicosane (C20)	11.711	3273033	23.411 ug/ml
11) T n-Heneicosane (C21)	12.339	866796	6.126 ug/ml
13) T n-Docosane (C22)	12.939	985036	7.019 ug/ml
14) T n-Tetracosane (C24)	13.998	247208	1.761 ug/ml
15) T n-Hexacosane (C26)	15.047	180224	1.311 ug/ml
16) T n-Octacosane (C28)	15.956	122792	0.903 ug/ml
18) T n-Dotriacontane (C32)	17.667	42423	0.328 ug/ml
19) T n-Tetratriacontane (C34)	18.447	104479	0.862 ug/ml
20) T n-Hexatriacontane (C36)	19.183	44369	0.416 ug/ml

(f)=RT Delta > 1/2 Window

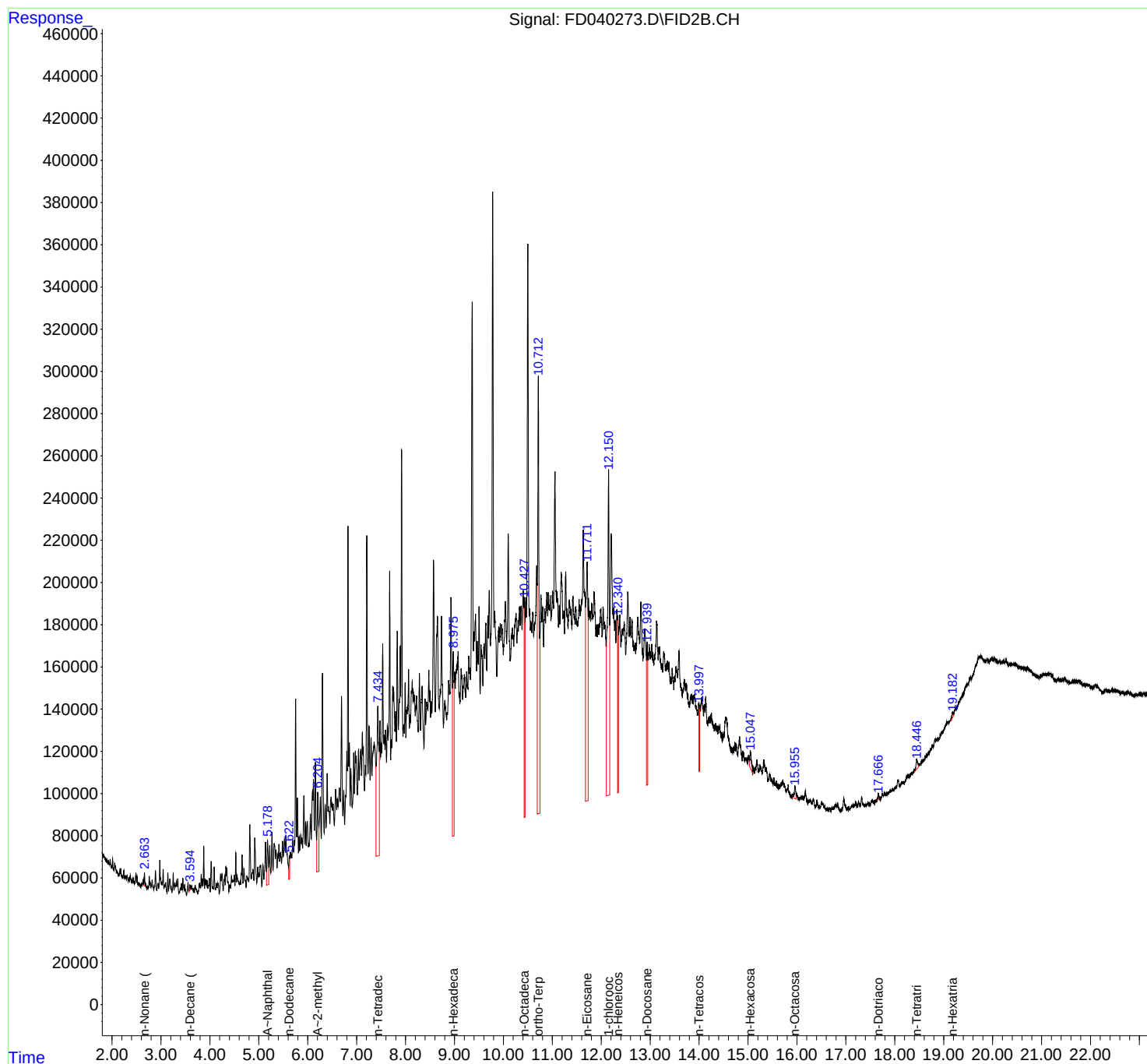
(m)=manual int.

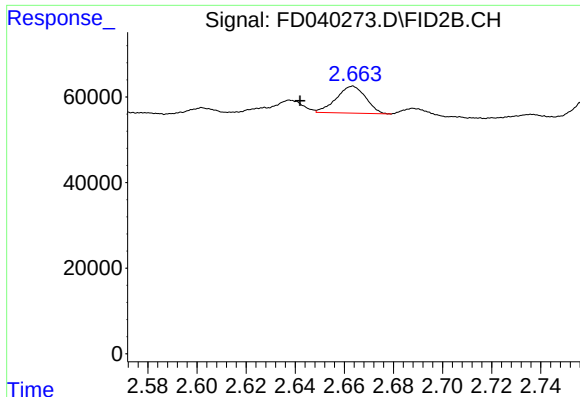
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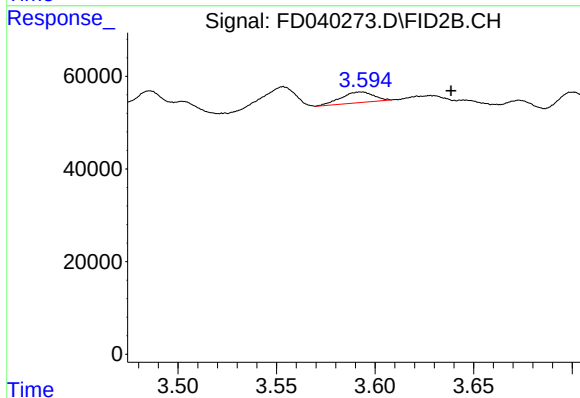




#1 n-Nonane (C9)

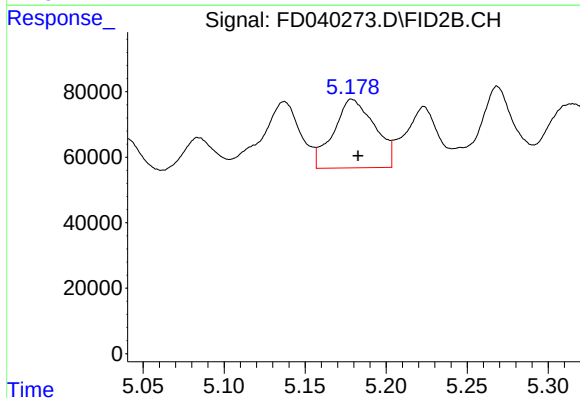
R.T.: 2.663 min
Delta R.T.: 0.021 min
Response: 52386
Conc: 0.40 ug/ml

Instrument :
FID_D
ClientSampleId :



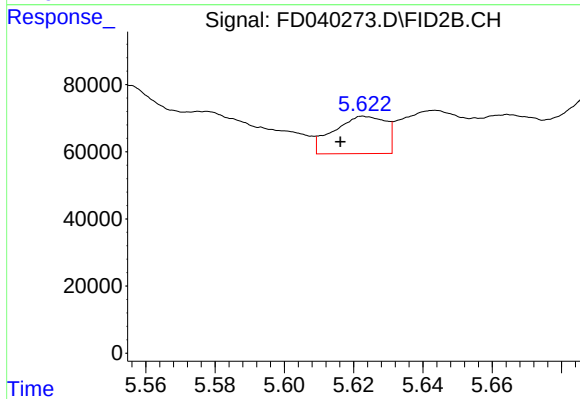
#2 n-Decane (C10)

R.T.: 3.593 min
Delta R.T.: -0.046 min
Response: 26450
Conc: 0.20 ug/ml



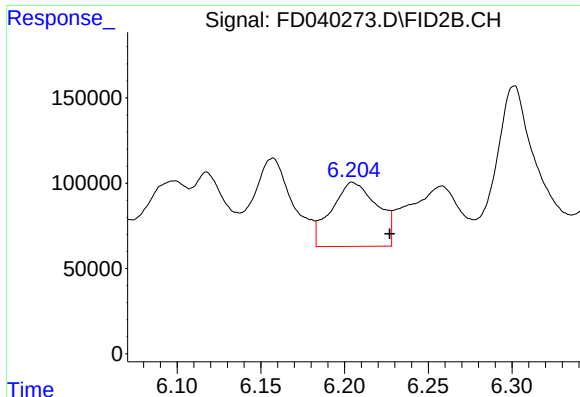
#3 A~Naphthalene (C11.7)

R.T.: 5.179 min
Delta R.T.: -0.004 min
Response: 372774
Conc: 2.53 ug/ml



#4 n-Dodecane (C12)

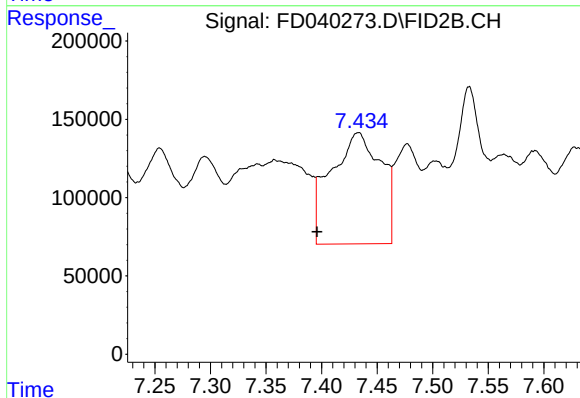
R.T.: 5.623 min
Delta R.T.: 0.007 min
Response: 115511
Conc: 0.87 ug/ml



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

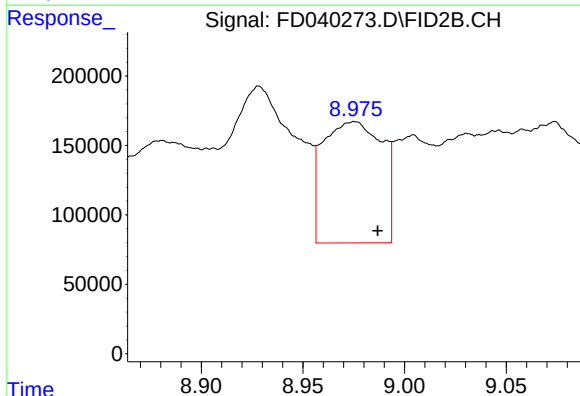
R.T.: 6.205 min
Delta R.T.: -0.022 min
Response: 715956
Conc: 4.82 ug/ml

Instrument :
FID_D
ClientSampleId :



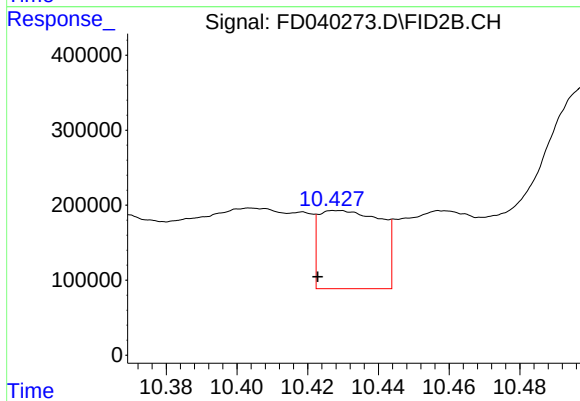
#6 n-Tetradecane (C14)

R.T.: 7.433 min
Delta R.T.: 0.037 min
Response: 2225849
Conc: 16.10 ug/ml



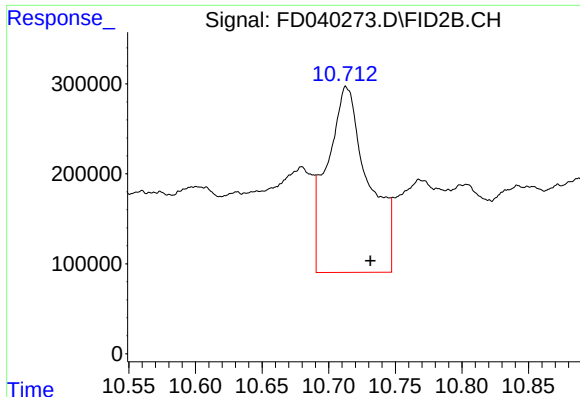
#7 n-Hexadecane (C16)

R.T.: 8.975 min
Delta R.T.: -0.012 min
Response: 1764730
Conc: 12.87 ug/ml



#8 n-Octadecane (C18)

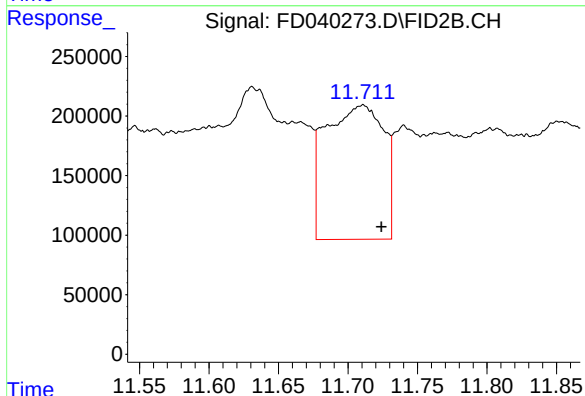
R.T.: 10.428 min
Delta R.T.: 0.006 min
Response: 1272884
Conc: 9.01 ug/ml



#9 ortho-Terphenyl (SURR)

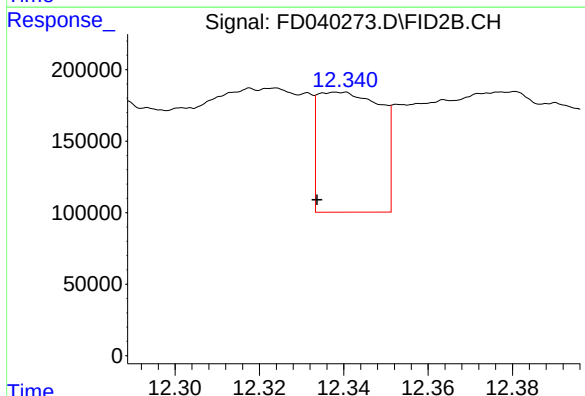
R.T.: 10.713 min
Delta R.T.: -0.018 min
Response: 4404497
Conc: 28.27 ug/ml

Instrument :
FID_D
ClientSampleId :



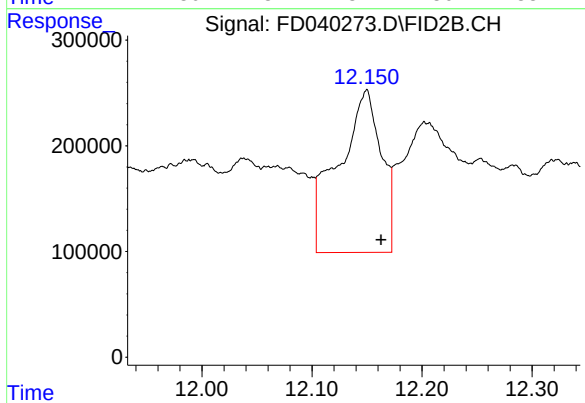
#10 n-Eicosane (C20)

R.T.: 11.711 min
Delta R.T.: -0.013 min
Response: 3273033
Conc: 23.41 ug/ml



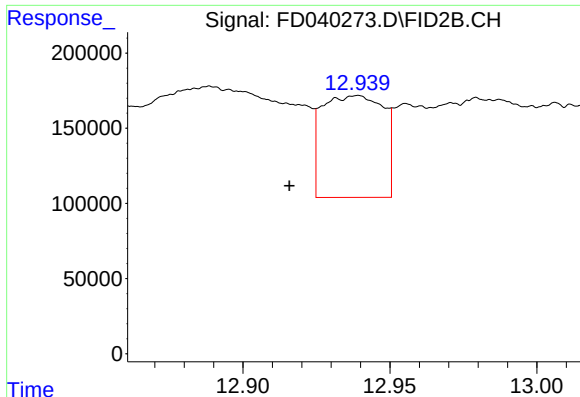
#11 n-Heneicosane (C21)

R.T.: 12.339 min
Delta R.T.: 0.005 min
Response: 866796
Conc: 6.13 ug/ml



#12 1-chlorooctadecane (SURR)

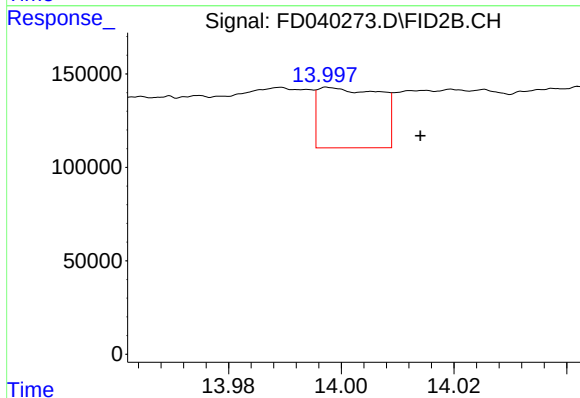
R.T.: 12.150 min
Delta R.T.: -0.013 min
Response: 4157239
Conc: 34.47 ug/ml



#13 n-Docosane (C22)

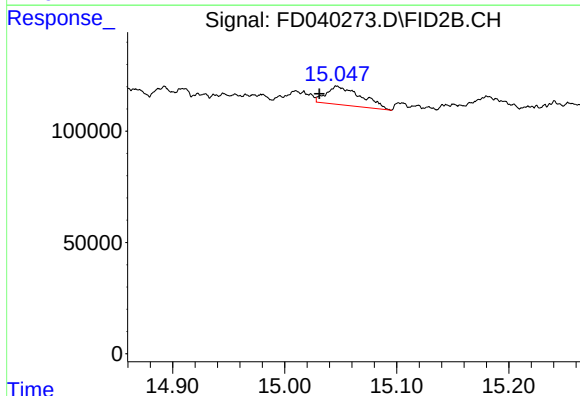
R.T.: 12.939 min
Delta R.T.: 0.023 min
Response: 985036
Conc: 7.02 ug/ml

Instrument :
FID_D
ClientSampleId :



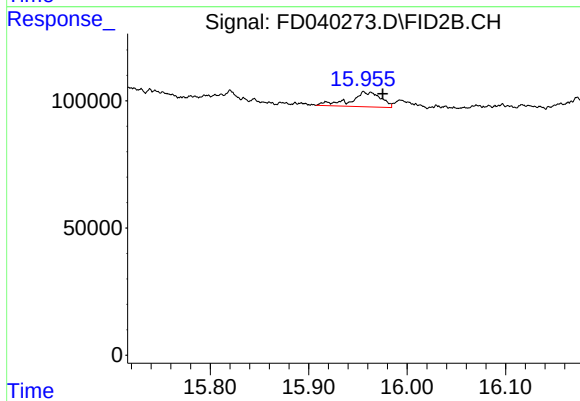
#14 n-Tetracosane (C24)

R.T.: 13.998 min
Delta R.T.: -0.016 min
Response: 247208
Conc: 1.76 ug/ml



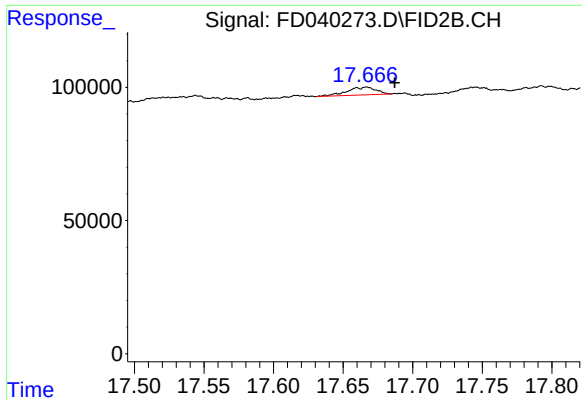
#15 n-Hexacosane (C26)

R.T.: 15.047 min
Delta R.T.: 0.016 min
Response: 180224
Conc: 1.31 ug/ml



#16 n-Octacosane (C28)

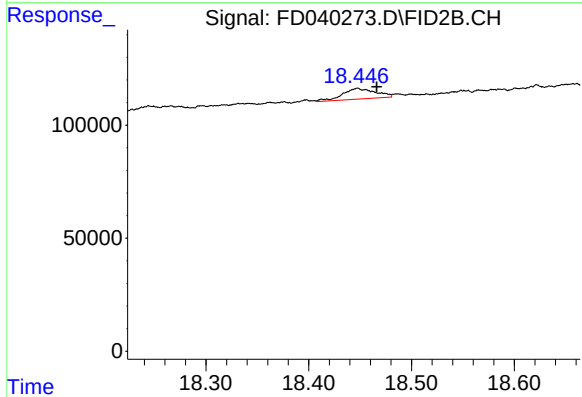
R.T.: 15.956 min
Delta R.T.: -0.019 min
Response: 122792
Conc: 0.90 ug/ml



#18 n-Dotriacontane (C32)

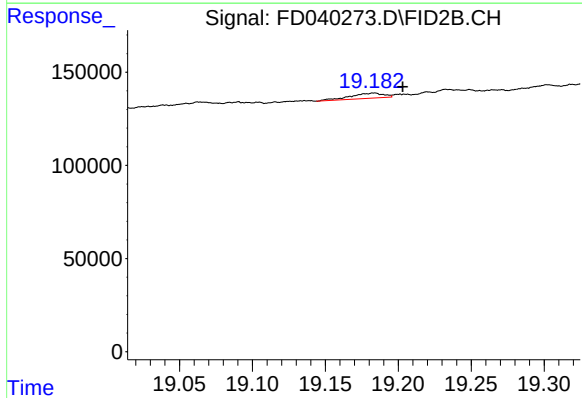
R.T.: 17.667 min
Delta R.T.: -0.020 min
Response: 42423
Conc: 0.33 ug/ml

Instrument :
FID_D
ClientSampleId :



#19 n-Tetratriacontane (C34)

R.T.: 18.447 min
Delta R.T.: -0.019 min
Response: 104479
Conc: 0.86 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.183 min
Delta R.T.: -0.020 min
Response: 44369
Conc: 0.42 ug/ml